Science (General)
For applied science and technology, see Class T
Periodicals. By language of publication
1.A1 Polyglot
1.A3-Z English
2 French
3 German
4 Other languages (not A-Z)
(9) Yearbooks
see Q1+
Collected works (nonserial) see Q111+
Societies
Including works about societies, serial publications of societies
10 International
America
11 United States
21 Canada
22 Latin America
23 Mexico
25 Central America
29 West Indies
33 South America
Europe
41 Great Britain
44 Czechoslovakia
44.2 Hungary
44.4 Austria
46 France
49 Germany
52 Greece
54 Italy
55 Vatican City
56 Belgium
56.2 Luxembourg
57 Netherlands
60 Soviet Union
60.18 Ukraine
60.2 Finland
60.4 Poland
Baltic States
60.6 Estonia
60.7 Latvia
60.8 Lithuania
61 Scandinavia (General)
62 Denmark. Iceland
63 Norway
64 Sweden
65 Spain. Portugal
67 Switzerland
69 Romania
69.2 Yugoslavia
69.3 Slovenia
69.4 Bulgaria
Turkey see Q80.T8
Asia
72 China
72.5 Taiwan

Societies
Asia -- Continued
73 India
74 Indochina
75 Indonesia
76 Philippines
77 Japan
80.A-Z Other regions or countries, A-Z
e.g.
80.C4 Ceylon. Sri Lanka
80.I67 Iran
80.I7 Israel
80.J67 Jordan
80.K6 Korea
80.P3 Pakistan
80.Q38 Qatar
80.R8 Russia in Asia. Siberia
80.S2 Saudi Arabia
80.S5 Singapore
80.S64 Southeast Asia
Sri Lanka see Q80.C4
80.S9 Syria
80.T5 Thailand
80.T8 Turkey
82 Arab countries
83 Islamic countries
Africa
85 South Africa
85.2 Kenya
85.4 Nigeria
85.6 Zimbabwe
85.8 Namibia. South-West Africa
87 Egypt
89 Senegal
89.2 Mauritius
89.5 Sudan
91.A-Z Other regions or countries, A-Z
91.A47 Algeria
91.A5 Angola
91.B45 Benin
91.B85 Burkina Faso
91.B87 Burundi
91.C17 Cameroon
91.C4 Central Africa
91.C48 Chad
91.C6 Congo (Democratic Republic). Zaire
91.E77 Eswatini
91.E84 Ethiopia
91.G5 Ghana
91.M27 Madagascar
91.M3 Malawi
91.M55 Morocco
91.M6 Mozambique
(91.N28) Namibia
see Q85.8
91.S9 Sub-Saharan Africa

Societies
Africa
Other regions or countries, A-Z -- Continued
(91.S95) Swaziland
see Q91.E77
91.T8 Tunisia
91.Z33 Zambia
93 Australia
94 New Zealand
99 Pacific islands
101 Congresses
Museums. Exhibitions
Cf. Q182.4 Science fairs
105.A1 General works
105.A2-Z By region or country, A-Z
Subarrange each country by Table Q5
Collected works
111 Series of monographs. Serial collections (nonperiodical)
For serial publications of universities or other serial publications not issued by societies see Q1+
For serial publications of societies see Q10+
113 Collected works of individual authors
Scientific voyages and expeditions (General)
For expeditions of special fields, see the field, e.g. G145+ Geographical exploration; QH11 Naturalists' expeditions; TL799 Flights to special planets; etc.
115 General works
116 Handbooks for scientific expeditions
121 Encyclopedias
123 Dictionaries
124 Translating services. Translating
Cf. T11.5 Technical translating
History
Including science and state
124.6 Periodicals, societies, congresses, serial publications
124.7 Collected works (nonserial)
124.8 Dictionaries and encyclopedias
124.85 Nomenclature, terminology, notation, abbreviations
General works see Q125+
124.95 Ancient
124.97 Medieval
Modern
125 General works
125.2 Renaissance through 1700
125.4 Outlines, syllabi
125.6 Pictorial works and atlases
126 Popular works
126.4 Juvenile works
126.8 Addresses, essays, lectures
126.9 Study and teaching. Research
127.A-Z By region or country, A-Z
e. g.
127.G4 Great Britain
127.G7 Greece
127.2 Developing countries
128 Contributions to science. By religious or ethnic groups

130	Women in science. Women scientists
	For biography see Q141+
	Cf. HQ1397 Women in science and the arts
	Biography
141	Collective
143.A-Z	Individual, A-Z
	e.g.
143.G4	Galvani, Luigi
143.H5	Helmholtz, Hermann von
143.P2	Pasteur, Louis
143.S8	Swedenborg, Emanuel
145	Directories
	Science as a profession. Vocational guidance
	Cf. Q130 Women in science
147	General works
148	Employment surveys, manpower requirements, statistics, etc.
149.A-Z	By region or country, A-Z
	Brain drain
150	General works
150.2.A-Z	By region or country, A-Z
	Early works through 1800
	Including textbooks
151	Ancient
153	Medieval
155	1500-1700
157	1701-1800
	General works and treatises
158	1801-1969
158.5	1970-
	Textbooks
	Advanced
160	1801-1969
160.2	1970-
	Elementary
161	1801-1969
161.2	1970-
161.7	Pictorial works and atlases
	Cf. Q222 Scientific illustration
162	Popular works
163	Juvenile works
164	Recreations, home experiments, etc.
	Including experiments for children
	Cf. Q182.3 Science projects
167	Anecdotes, facetiae, satire, etc.
171	Addresses, essays, lectures
172	Special aspects of the subject as a whole
172.5.A-Z	Special topics, A-Z
172.5.C45	Chaotic behavior in systems
	Including pattern formation
	Cf. QC174.17.C45 Quantum theory
172.5.C74	Creative ability in science
172.5.E77	Errors
(172.5.F7)	Fraud
	see Q175.37
172.5.H47	Heresy in science
172.5.I5	International cooperation

Special topics, A-Z -- Continued
172.5.M87 Music
Parapsychology and science see BF1045.S33
Pattern formation see Q172.5.C45
172.5.P65 Popular culture
172.5.P77 Pseudoscience
172.5.P82 Public opinion
172.5.S34 Science indicators
172.5.S47 Serendipity in science
172.5.S95 Symmetry
172.5.S96 Synchronization
172.5.V37 Variational principles
Cf. QC174.17.V35 Quantum theory
173 Miscellany and curiosa
Philosophy. Methodology
Cf. B67 Philosophy in relation to science
Cf. BF1275.S3 Spiritualism and science
Cf. BJ57 Ethics and science
Cf. BL239+ Religion and science
Cf. BT590.S4 Christ and science
174 Periodicals, societies, congresses, serial publications
174.6 Collected works (nonserial)
174.7 Dictionaries and encyclopedias
174.8 History
175 General works, treatises, and advanced textbooks
175.2 Juvenile works
175.3 Addresses, essays, lectures
175.32.A-Z Special topics, A-Z
175.32.A24 Abduction (Logic)
175.32.A47 Aesthetics
175.32.C38 Causation
175.32.C65 Complexity (Philosophy)
Computer models see Q175.32.S5
175.32.C66 Constructive realism
175.32.D52 Dialectical materialism
175.32.D53 Dialogue
175.32.D96 Dynamics
175.32.E44 Emergence (Philosophy)
Epistemology, Virtue see Q175.32.V57
175.32.E85 Evolution
175.32.E97 Explanation
175.32.H95 Hylomorphism
175.32.I34 Idéologues (French philosophers)
175.32.I54 Inference
175.32.I58 Intellectual freedom
175.32.K45 Knowledge, Theory of
Laws of nature see Q175.32.P39
Logic see Q175.32.R45
175.32.M38 Mathematical models. Mathematics
175.32.M43 Meaning (Philosophy)
175.32.N38 Naturalism
175.32.N68 Nothing (Philosophy)
175.32.O27 Observation
175.32.O58 Ontology
Cf. Q387.4 Ontologies in information theory
175.32.P37 Paradox

Philosophy. Methodology
Special topics, A-Z -- Continued
175.32.P39 Physical laws of science. Laws of nature
175.32.R42 Realism
175.32.R45 Reasoning. Logic
175.32.R47 Reductionism
175.32.S5 Simulation. Computer models
Class here works on philosophical and methodological aspects of simulation and computer modeling in science
For works on the mathematics of computer simulation see QA76.9.C65
175.32.S78 Structuralism
175.32.S83 Subjectivity
175.32.T56 Time
175.32.T78 Truth
175.32.V35 Values
175.32.V57 Virtue epistemology
175.32.V65 Vitalism
Scientific ethics
Cf. Q180.55.M67 Moral and ethical aspects of research
175.35 General works, treatises, and textbooks
175.37 Fraud
Social aspects
Class here works that discuss the impact of science on modern society and the sociology of science.
For works on the role of science in the history and development of civilization see CB478
175.4 Periodicals, societies, congresses, serial publications
175.46 History
175.5 General works, treatises, and textbooks
175.52.A-Z By region or country, A-Z
175.54 Developing countries
175.55 Addresses, essays, lectures
176 Periodicity. Cycles
177 Classification of the sciences
Cf. BD239.2+ Speculative philosophy
179 Nomenclature, terminology, notation, abbreviations
Research
179.9 Periodicals, societies, congresses, serial publications
179.92 Collected works (nonserial)
Communication of information
179.94 General works
179.96 Information services
179.97 Computer network resources
Including the Internet
179.98 Directories
180.A1 General works, treatises, and advanced textbooks
History
180.A3 General works
180.A5-Z By region or country, A-Z
180.2 Juvenile works
180.3 Handbooks, tables, formulas, etc.
180.4 Anecdotes, facetiae, satire, etc.
180.5 Addresses, essays, lectures
180.55.A-Z Special topics, A-Z
Prefer classification by country
180.55.A83 Audiovisual aids
180.55.C54 Citizen participation

Research
Special topics, A-Z -- Continued
180.55.C55 Classification
180.55.C6 Cost
180.55.D57 Discoveries
Econometric models see Q180.55.E25
180.55.E25 Economic aspects
Including econometric models
For works on the impact of research on the economy see HC79.R4
180.55.E4 Electronic data processing
180.55.E58 Environmental aspects
180.55.E65 Equipment and supplies
180.55.E9 Evaluation
180.55.F5 Finance
180.55.G6 Government support
180.55.G7 Private grants. Foundations. Endowments
180.55.G77 Group work
180.55.I45 Information technology
180.55.I48 Interdisciplinary research
International cooperation see Q172.5.I5
180.55.M3 Management
180.55.M38 Mathematical models
180.55.M4 Methodology
180.55.M67 Moral and ethical aspects
180.55.P7 Proposal writing
180.55.P75 Psychological aspects
180.55.Q36 Quantitative research
180.55.R43 Reduced gravity environments
180.55.S62 Social aspects
180.55.S7 Statistical methods
180.55.V6 Vocational guidance
Laboratories
180.56 General works
180.57 Management
180.58 Records. Laboratory notebooks
180.6.A-Z By region or country, A-Z
Subarrange each country by Table Q6
180.7 Astronautics in science
Cf. TL798.S3 Scientific satellites
Study and teaching
Class here works on the study and teaching of general science at all levels or at the secondary level and higher.
For works on the study and teaching of general science in elementary schools or in both elementary and secondary schools see LB1585+
For programmed texts see Q160+
Cf. Q190+ Audiovisual aids in science teaching
181.A1 Periodicals, societies, congresses, serial publications
181.A2-Z General works, treatises, and textbooks
181.3 Addresses, essays, lectures
181.5 Outlines, syllabi
182 Problems, exercises, examinations
182.3 Experiments
Including science projects
Cf. Q164 Recreations, home experiments, etc.
182.4 Science fairs
182.5 Laboratory manuals

Study and teaching -- Continued
182.6 Competency-based education
182.7 Electronic information resources
Including computer network resources, the Internet, digital libraries, etc.
Laboratories
183.A1 General works
183.A3-Z By region or country, A-Z
Subarrange each country by Table Q6
By region or country
United States
183.3.A1 General works
183.3.A2-Z By region or state, A-Z
Subarrange each state by Table Q7
183.4.A-Z Other regions or countries, A-Z
Subarrange each country by Table Q7
183.9 Data processing
Instruments and apparatus (General)
184 Periodicals, societies, congresses, serial publications
184.5 Dictionaries and encyclopedias
185 General works, treatises, and textbooks
185.3 Juvenile works
185.7 Catalogs
Audiovisual aids in science teaching
190 General works, treatises, and textbooks
192 Films. Motion pictures
194 Radio
196 Television
197 Other (not A-Z)
199 Handbooks, tables, formulas, etc.
209 Science readers in English
Science readers for the study of foreign languages
see PA-PM
(211) Science readers in French
see PC2127.S4
(213) Science readers in German
see PF3127.S3
(215) Science readers in Italian
see PC1127.S3
(219) Science readers in other languages, see PA-PM
222 Scientific illustration
Cf. T11.8 Technical illustration
Communication in science
Cf. Q124 Translating services. Translating
Cf. R118+ Communication in medicine
Cf. T10.5+ Communication of technical information
223 General works
Information services
Including information centers
223.2 Periodicals, societies, congresses, serial publications
223.5 Directories
224 General works
224.3.A-Z By region or country, A-Z
Subarrange each country by Table Q5
224.5 Electronic information resources
Including computer network resources, the Internet, digital libraries
Science news. Science and the public

Communication in science
Science news. Science and the public -- Continued
225 General works
225.2.A-Z By region or country, A-Z
225.5 Scientific literature
226 Scientific language
Cf. T11+ Scientific writing
227 Science secretaries. Scientific correspondence
295 System theory
Cf. T57.6+ Operations research. Systems analysis
Cf. TA168 Systems engineering
Cybernetics
Cf. QA75+ Computer science
Cf. QA267+ Machine theory
Cf. QA402.3+ Control theory (Mathematics)
Cf. QP351+ Nervous system and the senses
Cf. TJ212+ Control engineering
Cf. TK7885+ Computer engineering
300 Periodicals, societies, congresses, serial publications
303 Collected works (nonserial)
304 Dictionaries and encyclopedias
305 History
310 General works, treatises, and textbooks
315 Popular works
315.5 Addresses, essays, lectures
316 Study and teaching. Research
Bionics
317 Periodicals, societies, congresses, serial publications
317.5 Collected works (nonserial)
320 General works, treatises, and textbooks
320.5 Juvenile works
321 Addresses, essays, lectures
Self-organizing systems. Conscious automata
325 General works
Machine learning
325.5 General works
325.6 Reinforcement learning
325.7 Computational learning theory
325.75 Supervised learning
325.78 Back propagation
325.785 Support vector machines
325.787 Transfer learning
327 Perceptron theory
Cf. TK7882.P3 Pattern recognition systems
Artificial intelligence
334 Periodicals, societies, congresses, serial publications
334.2 Dictionaries and encyclopedias
334.5 Collected works (nonserial)
334.7 Philosophy
Including moral and ethical aspects
335 General works, treatises, and textbooks
335.4 Juvenile works
335.5 Addresses, essays, lectures
335.7 Study and teaching. Research
336 Data processing
Distributed artificial intelligence

Cybernetics
Self-organizing systems. Conscious automata
Artificial intelligence
Distributed artificial intelligence -- Continued
337 General works
337.3 Swarm intelligence
337.5 Pattern recognition systems
338 Truth maintenance systems
338.8 Case-based reasoning
338.85 Commonsense reasoning
339 Default reasoning
339.19 Model-based reasoning
339.2 Nonmonotonic reasoning
339.25 Qualitative reasoning
340 Constraints
341 Turing test
342 Computational intelligence
343 Virtual humans
For works on virtual humans applied to a specific field, see the field
Information theory
Cf. P87+ Communication
Cf. QA268 Coding theory (Mathematics)
Cf. TK5101+ Telecommunication (General)
Cf. ZA3038+ Information resources
350 Periodicals, societies, congresses, serial publications
352 Dictionaries and encyclopedias
355 History
360 General works, treatises, and textbooks
365 Popular works
367 Addresses, essays, lectures
370 Measurements. Tables, calculations, etc.
375 Uncertainty theory
380 Noise
385 Rate distortion theory
386 Statistical methods
Knowledge representation
387 General works
387.2 Conceptual structures
387.3 Description logics
387.4 Ontologies
Cf. Q175.32.O58 Ontology in the philosophy of science
387.5 Semantic networks
390 Frames
(500-510) Operations research
see T57.6+

Mathematics
1 Periodicals, societies, congresses, serial publications
3 Collected works (nonserial)
5 Dictionaries and encyclopedias
7 Addresses, essays, lectures
Philosophy
Cf. QA9.615 Recursive functions. Recursive arithmetic
Cf. QA248+ Foundations of arithmetic. Set theory
Cf. QA267+ Machine theory
Cf. QA681 Foundations of geometry
8 Periodicals, societies, congresses, serial publications
8.4 General works, treatises, and textbooks
8.6 Addresses, essays, lectures
8.7 Study and teaching. Research
Mathematical logic
9.A1 Periodicals, societies, congresses, serial publications
9.A5-Z General works, treatises, and textbooks
9.2 Addresses, essays, lectures
Study and teaching. Research see QA8.7
Classical logical systems
Including reverse mathematics
9.25 General works
9.3 Propositional calculus
9.35 Predicate calculus
9.37 Infinitary languages
Nonclassical formal systems
9.4 General works
9.45 Many-valued logic
9.46 Modal logic
Cf. BC199.M6 Logic
9.47 Intuitionistic mathematics
9.5 Combinatory logic and lambda calculus
9.54 Proof systems
Constructive mathematics
9.56 General works
9.58 Algorithms
9.59 Computable functions. Computability theory
Recursion theory
Cf. QA267+ Machine theory
9.6 General works
9.615 Recursive functions. Recursive arithmetic
9.62 Hierarchies
9.63 Unsolvability
9.64 Fuzzy logic
Methodology of deductive systems
9.65 Decidability. Gödel's theorem. Gödel numbers
9.67 Completeness
9.7 Model theory
9.8 Metamathematics
9.9 Matrix logic
Algebraic logic
10 General works
10.3 Boolean algebra
Cf. QA268.5 Switching theory
10.35 Quantum logic
10.4 Information theory in mathematics

10.5	Mathematics as a profession. Vocational guidance
10.7	Social aspects
10.8	War and mathematics
	Study and teaching. Research
	For computer-assisted instruction in mathematics see QA20.C65
	For use of electronic computers in mathematics see QA76.95
	Cf. QA135+ Elementary mathematics
11.A1	Periodicals, societies, congresses, serial publications
	General works, treatises, and textbooks
11.A2-Z	To 2000
11.2	2001-
11.5	Computer network resources
	Including the Internet
12	Addresses, essays, lectures
	By region or country
	United States
13	General works
13.5.A-Z	By region or state, A-Z
	Subarrange each state by Table Q7
14.A-Z	Other regions or countries, A-Z
	Subarrange each country by Table Q7
	Special teaching methods and aids
16	General works
	Audiovisual aids
18	General works, treatises, and textbooks
19.A-Z	Special types, A-Z
19.A78	Art
19.B55	Blocks (Toys)
19.B8	Bulletin boards
19.C45	Charts, diagrams, etc.
19.C8	Cuisenaire rods
19.L58	Literature
19.M34	Manipulatives
19.M6	Motion pictures
19.M87	Music
19.O9	Overhead projectors
19.P34	Paper work
	Including folding, cutting, etc.
19.P53	Picture books
19.T4	Television
20.A-Z	Other methods, A-Z
	Authorship see QA20.M38
20.C34	Calculators
20.C65	Computer-assisted instruction
	Including computer-based experiments
20.E43	Electronic spreadsheets
20.F67	Forums (Discussion and debate)
20.G35	Games
20.G47	Gesture
20.G76	Group guidance
20.H54	Hieroglyphics
20.I53	Individualized instruction
	Intervention, Response to see QA20.R47
20.M33	Magic tricks
20.M38	Mathematical writing. Authorship
20.M63	Mobile communication systems

Study and teaching. Research
Special teaching methods and aids
Other methods, A-Z -- Continued
20.P49 Physical education
20.P67 Portfolios
20.P7 Programmed instruction
For programmed texts, see QA36.5+ QA101+
20.P73 Project method
20.R43 Reading comprehension
20.R47 Response to intervention
20.T43 Teaching teams
20.U55 Unit method of teaching
20.W43 Web-based instruction
20.W46 Whole brain learning
20.3 Awards, prizes, etc. Competitions
History
21 General
22 Ancient
23 Medieval
Modern
General see QA21
24 16th-18th centuries
26 19th-20th centuries
27.A-Z By region or country, A-Z
27.5 Women in mathematics. Women mathematicians
For biography see QA28+
Biography
28 Collective
29.A-Z Individual, A-Z
e.g.
29.G3 Gauss
29.J2 Jacobi
29.N2 Napier
30 Directories
Early works through 1800
30.3 Egyptian
31 Greek
Including translations and commentaries
For Euclid's Elements for use in schools see QA451
32 Medieval
33 1501-1700
35 1701-1800
General works
36 Comprehensive treatises
Textbooks
36.5 Series of textbooks
Advanced
37 1801-1969
37.2 1970-2000
37.3 2001-
Intermediate (without calculus)
39 1801-1969
39.2 1970-2000
39.3 2001-
Elementary see QA101+
40 Handbooks, manuals, etc.

Popular works see QA93
40.5 Juvenile works
41 Formulas, notation, abbreviations
41.3 Nomenclature, terminology
Communication of mathematical information
41.4 General works
41.5 Information services
41.6 Computer network resources
Including the Internet
41.7 Mathematical literature
42 Language. Authorship
Cf. QA20.M38 Mathematical writing in mathematics study and teaching
43 Problems, exercises, examinations
Tables
Cf. QA281 Interpolation. Extrapolation
47 General tables
49 Multiplication tables
Including squares and cubes, square roots and cube roots, reciprocals
51 Factor tables
Logarithms. Tables of mathematical functions
Including trigonometric, hyperbolic, etc.
55 General works
59 Theory and use of logarithms
63 Problem solving
Instruments and machines
Including practical mathematics, graphical and numerical calculating
71 General works, treatises, and textbooks
73 Slide rules
74 Computation laboratories
Calculating machines
For works on the use of calculators in mathematic instruction see QA20.C34
75 General works
Electronic computers. Computer science
Including electronic data processing and computer systems
For applications in special fields, see the field, e.g. QD39.3.E46, Electronic data processing in chemistry
Cf. QA267+ Machine theory
Cf. TK7885+ Computer engineering
75.5 Periodicals, societies, congresses, serial publications
76 General works, treatises, and textbooks
76.15 Dictionaries and encyclopedias
Communication of computer science information
76.16 General works
76.162 Information services
76.165 Language. Authorship
76.167 Philosophy
76.17 History
Biography
76.2.A2 Collective
76.2.A3-Z Individual, A-Z
76.215 Directories
76.23 Juvenile works
76.24 Addresses, essays, lectures
76.25 Computer science as a profession. Vocational guidance
Study and teaching. Research
76.27 General works

Instruments and machines
Calculating machines
Electronic computers. Computer science
Study and teaching. Research -- Continued
76.28 Problems, exercises, examinations
76.3 Certification of electronic data processing personnel
Class here works on certification in general
For works on certification on special topic, prefer classification with the special topic, e.g., QA76.73.J38 Study guide for Java certification
76.33 Computer camps
Laboratories
76.35 General works
76.36.A-Z Individual laboratories, A-Z
76.38 Hybrid computers
76.4 Analog computers
Digital computers
76.5 General works
76.52 Juvenile works
76.525 Microcomputer workstations
76.527 Network computers
For works on computer network management see TK5105.548+
Computer scheduling
76.529 General works
76.5295.A-Z Special topics, A-Z
76.5295.A34 Affinity scheduling
76.5295.P37 Parallel scheduling
76.53 Time-sharing data processing
Real-time data processing
76.54 General works
76.545 Transaction systems
Online data processing
Including general online information services and general videotex systems
76.55 General works
76.57.A-Z Special systems, A-Z
76.57.A43 America Online
76.57.A77 AT&T WorldNet
76.57.C65 CompuServe
76.57.D44 DELPHI
76.57.E88 eWorld (Online service)
76.57.G45 GEnie (Videotex system)
76.57.G48 GNN
76.57.M52 Microsoft Network
76.57.M55 Minitel
76.57.P75 Prodigy (Online service)
76.57.P77 ProfNet
76.57.S68 SOURCE (Videotex system)
76.57.T44 TELETEL (Videotex system)
76.57.U43 UMI Online (Videotex system)
76.575 Multimedia systems
Cf. QA76.76.I59 Interactive multimedia
76.58 Parallel processing. Parallel computers
76.583 Edge computing
76.585 Cloud computing
76.59 Mobile computing
76.5913 Semantic computing
76.5915 Ubiquitous computing

Instruments and machines
Calculating machines
Electronic computers. Computer science
Digital computers -- Continued
76.592 Wearable computers
Programming
For computer programs and other software see QA76.75+
76.6 General works
76.6115 Juvenile works
76.612 Constraint programming
76.615 Declarative programming
76.618 Evolutionary programming
76.62 Functional programming
Including functional programming languages
76.623 Genetic programming
76.624 Generative programming
76.6245 Generic programming
76.625 Internet programming. Intranet programming
76.63 Logic programming
76.635 Microprogramming
76.637 Modular programming
76.64 Object-oriented programming and programs
Including OPEN method
76.642 Parallel programming
76.65 Visual programming
76.66 Systems programming
Programming languages
76.7 General works
76.73.A-Z Individual languages, A-Z
Some entries in the following list appear to be out of alphabetical order because filing rules for initialisms and acronyms changed in 1981. This list is incomplete. Beginning in 2013 entries are printed for new programming languages. Generally create Cutters for new entries after .x25 using current filing rules.
76.73.A12 ABAP
76.73.A24 ALGOL
76.73.A27 APL
76.73.A35 Ada
76.73.A67 AppleScript
76.73.A8 Assembly languages. Assemblers
Class here general works on Assembly languages and assemblers, including works on assembling
For works on a specific assembly language, see the language, e.g., for X86 assembly language see QA76.73.X16
76.73.A84 AutoLISP
76.73.A95 AWK
76.73.B155 B
76.73.B3 BASIC
76.73.B78 BSV 753
76.73.C15 C
76.73.C153 C++
76.73.C154 C#
76.73.C25 COBOL
76.73.C56 Clipper
76.73.C58 CoffeeScript
76.73.C75 CSP
76.73.C87 Curl

Instruments and machines
Calculating machines
Electronic computers. Computer science
Digital computers
Programming languages
Individual languages, A-Z -- Continued

76.73.D138	D
76.73.D14	D*
76.73.D23	Dart
76.73.D25	DRL
76.73.D95	Dylan
76.73.E27	EasyLanguage
76.73.E38	ELAN
76.73.E75	ERLANG
76.73.F16	F
76.73.F23	FOCUS
76.73.F25	FORTRAN
76.73.F74	FRED
76.73.G25	GW-BASIC
76.73.G63	Go
76.73.H37	Haskell
76.73.H57	Hopscotch
76.73.H6	HP-GL/2
76.73.H96	HyperTalk
76.73.I22	INFORMIX-4GL
76.73.J2	J#
76.73.J38	Java
76.73.J39	JavaScript
76.73.J63	Job Control Language
76.73.J7	JR
76.73.J85	Julia
76.73.K63	Kodu
76.73.K67	KornShell
76.73.L23	LISP
76.73.L62	LogiQL
76.73.L63	LOGO
76.73.L66	LotusScript
76.73.L82	Lua
76.73.M15	M
76.73.M29	Mathematica
76.73.M35	Maude
76.73.M39	MDX
76.73.M53	Microsoft Visual Basic
	Including Microsoft Visual Basic for applications
76.73.M6	ML
	MySQL see QA76.73.S67
76.73.N39	NCL
76.73.O115	Objective-C
76.73.O213	OpenCL
76.73.P224	PHP
76.73.P25	PL/1
76.73.P32	packetC
76.73.P67	PostScript
	Class here works on designing or writing compilers for PostScript
	For works on using PostScript to control the page appearance of paper documents, see Z52.5 or Z250.8.P68

Instruments and machines
Calculating machines
Electronic computers. Computer science
Digital computers
Programming languages
Individual languages, A-Z -- Continued
PowerShell see QA76.73.W56
76.73.P75 Processing
76.73.P76 Prolog
76.73.P79 Pseudocode
76.73.P98 Python
76.73.R25 RPG
76.73.R3 R (Computer program language)
76.73.R33 Racket
76.73.R83 Ruby
76.73.R87 Rust
76.73.S15 S
76.73.S27 SAS (Computer program language)
76.73.S28 Scala
76.73.S34 Scheme
76.73.S345 Scratch
76.73.S35 SDL
76.73.S59 SPARK
76.73.S62 SPARQL
76.73.S67 SQL. MySQL
76.73.S95 Swift
76.73.T44 Tcl
76.73.T97 TypeScript
76.73.U63 UPC
76.73.V27 VBScript
Visual Basic see QA76.73.M53
76.73.W56 Windows PowerShell
76.73.W65 Wolfram language
76.73.X16 X86 assembly language
76.73.X57 XPath
76.73.X575 XQuery
76.73.X58 XSLT
76.73.Z2 Z
Computer software
For individual programs, see the type of program, e.g. QA76.76.T49 Text editors
For application programs, see the field, e.g. HF5548.4.L67 Lotus 1-2-3
76.75 Periodicals. Societies. Serials
76.751 Congresses
76.752 Dictionaries
76.753 Catalogs
76.754 General works
76.755 Handbooks, tables, etc.
76.756 Addresses, essays, lectures
76.758 Software engineering
Including software reengineering
76.76.A-Z Special topics, A-Z
76.76.A54 AngularJS
76.76.A63 Application program interfaces
76.76.A65 Application software
Including composite applications

Instruments and machines
Calculating machines
Electronic computers. Computer science
Computer software
Special topics, A-Z -- Continued

(76.76.A87) Assemblers
See QA76.73.A8, Assembly languages. Assemblers see QA76.73.A8
76.76.A98 Automatic differentiations
76.76.C47 Certification of software
76.76.C54 Children's software
76.76.C64 Compatibility of software
76.76.C65 Compilers
Including compilers of individual computer programming languages
76.76.C66 Component software
Composite applications see QA76.76.A65
76.76.C672 Computer games
Class here works on programming computer games
For general works on computer games as well as works on specific computer games and actual software see GV1469.15+
76.76.C68 Computer viruses
76.76.C69 Configuration management
76.76.C73 Costs
76.76.D47 Development
76.76.D49 Device drivers
Including individual device drivers
76.76.D57 Disassemblers
Including decompilers
76.76.D63 Documentation of software
Ecosystems, Software see QA76.76.S62
76.76.E93 Evaluation of software
76.76.E95 Expert systems
76.76.F34 Failures of software
File conversion software see QA76.9.F48
Frameworks see QA76.76.S63
76.76.F75 Free computer software
Cf. QA76.76.O62 Open source software
76.76.G46 Generators
76.76.H85 Human factors
(76.76.H92) Hypermedia systems
see QA76.76.I59
76.76.H94 Hypertext systems
Including hypertext document markup languages, e. g. HTML (Document markup language), XML (Document markup language), etc.
76.76.I55 Install programs
76.76.I57 Integrated software
76.76.I58 Intelligent agents
76.76.I59 Interactive media. Hypermedia
Cf. QA76.575 Multimedia systems
Measurement, Software see QA76.76.S65
76.76.M52 Microsoft .NET Framework
76.76.M54 Middleware
Including object monitors
Object-oriented programs see QA76.64
76.76.O62 Open source software
(76.76.O63) Operating systems
see QA76.77+

Instruments and machines
Calculating machines
Electronic computers. Computer science
Computer software
Special topics, A-Z -- Continued

76.76.P37	Patterns, Software
76.76.P74	Productivity
76.76.P76	Protection of software
76.76.P77	Prototyping
76.76.Q35	Quality control
76.76.R42	Refactoring of software
76.76.R44	Reliability
76.76.R47	Reusability
76.76.S27	SAP NetWeaver Gateway
76.76.S37	Screen savers
76.76.S375	Self-adaptive software
76.76.S46	Shareware
76.76.S62	Software ecosystems
	Software failures see QA76.76.F34
76.76.S63	Software frameworks
	For special frameworks, see the framework, e.g., Microsoft .NET Framework QA76.76.M52
76.76.S64	Software maintenance
	Including Year 2000 date conversion
76.76.S65	Software measurement
76.76.S66	Software support
76.76.S69	Spyware
76.76.S73	Standards for software
76.76.S95	Systems software
76.76.T45	Teleprocessing monitors
76.76.T47	Termination
76.76.T48	Testing of software
76.76.T49	Text editors
	For works on how to use text editors to produce paper documents, see Z52, Z253.3+, or Z253.53+
76.76.T55	Threads
76.76.T83	Translators
76.76.U84	Utilities
76.76.V47	Verification and validation of software
	Viruses see QA76.76.C68
76.76.W56	Windows
	Class here works on window functionality
	For works on individual Microsoft Windows operating systems see QA76.774.A+
	Year 2000 date conversion see QA76.76.S64
76.765	Firm-ware
	Operating systems
76.77	General works
76.774.A-Z	Individual operating systems. By system, A-Z
76.774.A53	Android
76.774.B47	Berkeley BSD
	BSD, Free see QA76.774.F74
76.774.D67	DOS
76.774.F74	FreeBSD
76.774.I67	iOS
76.774.L46	Linux
76.774.M33	Mac OS

Instruments and machines
Calculating machines
Electronic computers. Computer science
Computer software
Operating systems
Individual operating systems. By system, A-Z -- Continued

	Macintosh OS see QA76.774.M33
76.774.M43	Microsoft Windows 7
76.774.M434	Microsoft Windows 8
76.774.M435	Microsoft Windows 10
76.774.M48	Microsoft Windows Me
76.774.M53	Microsoft Windows NT
76.774.M55	Microsoft Windows server
76.774.M56	Microsoft Windows Vista
76.774.M58	Microsoft Windows XP
76.774.S65	Solaris
76.774.U28	Ubuntu
76.774.U64	UNIX
	Vista see QA76.774.M56
	Windows 7 see QA76.774.M43
	Windows 8 see QA76.774.M434
	Windows 10 see QA76.774.M435
	Windows ME see QA76.774.M48
	Windows NT see QA76.774.M53
	Windows server see QA76.774.M55
	Windows Vista see QA76.774.M56
	Windows XP see QA76.774.M58
76.8.A-Z	Special computers, computer systems, and microprocessors. By name, A-Z
76.8.A54	AN/FSQ-7
76.8.B35	BBC Microcomputer
76.8.B38	BeagleBone Black
76.8.C46	Chromebook
76.8.E53	ENIAC
76.8.I12	IBM 360
76.8.I63	iPad
76.8.I64	iPhone
76.8.K56	Kindle Fire
	MacBook see QA76.8.M3
76.8.M3	Macintosh
	Including MacBook
76.8.M47	Micro:bit
76.8.P53	PLATO
76.8.R15	Raspberry Pi
76.8.S25	Samsung
	Including Samsung Galaxy series smartphones
76.8.U6	Univac
76.8.U7	Ural
76.84	Fourth generation computers
76.85	Fifth generation computers
76.87	Neural computers. Neural networks
76.875	Artificial immune systems. Immunocomputers
76.88	Supercomputers. High performance computing
	Including heterogeneous computing
76.884	Biocomputers
76.885	Petaflops computers
76.887	Molecular computers. DNA computers

Instruments and machines
Calculating machines
Electronic computers. Computer science -- Continued
76.889 Quantum computers
76.89 Pen-based computers
76.893 Tablet computers
76.9.A-Z Other topics, A-Z
76.9.A23 Abstract data types
76.9.A25 Access control. Computer security
Cf. HF5548.37 Security measures in electronic data processing departments
Cf. TK5105.8855 Internet access control
76.9.A3 Adaptive computing
76.9.A43 Algorithms
76.9.A48 Ambient intelligence
76.9.A73 Architecture, Computer
76.9.A93 Auditing
Class here works on the auditing of electronic data processing systems and activities
For works dealing with the auditing of electronic data processing departments see HF5548.35
76.9.A94 Augmented reality
76.9.A955 Automatic hypothesis formation
76.9.A96 Automatic theorem proving
76.9.A97 Autonomic computing
76.9.B22 B method
76.9.B32 Backup processing
76.9.B38 Batch processing
76.9.B45 Big data
Biologically-inspired computing see QA76.9.N37
76.9.B56 Blockchains
76.9.B84 Bulletin boards
Camps, Computer see QA76.33
Children and computers see QA76.9.C659
Civilization and computers see QA76.9.C66
76.9.C55 Client/server computing
76.9.C58 Computational grids
Computer algorithms see QA76.9.A43
Computer architecture see QA76.9.A73
76.9.C62 Computer arithmetic
Computer camps see QA76.33
76.9.C63 Computer capacity
76.9.C64 Computer literacy
Computer logic see QA76.9.L63
Computer mathematics see QA76.9.M35
76.9.C643 Computer organization
76.9.C65 Computer simulation
Cf. T57.62+ Industrial engineering
Cf. TA343 Engineering mathematics
Computer system failures see QA76.9.F34
76.9.C659 Computers and children
Cf. LC40.5.C66 Computer-assisted home schooling
76.9.C66 Computers and civilization. Social aspects of computers
Computers and family see QA76.9.F35
Computers and older people see QA76.9.O43
Computers and women see QA76.9.W65
76.9.C67 Constraint databases
Conversion of computer files see QA76.9.F48

Instruments and machines
Calculating machines
Electronic computers. Computer science
Other topics, A-Z -- Continued

76.9.C68 Conversion of computer systems
76.9.C72 Cookies (Computer science)
Crowdsourcing see QA76.9.H84
76.9.C92 Cyberinfrastructure
Data analysis, Quantitative see QA76.9.Q36
76.9.D26 Database design
76.9.D3 Database management
Cf. QA76.9.D37 Data warehousing
76.9.D314 Database security
76.9.D32 Databases
Including online databases and non-relational databases
Cf. QA76.9.W43 Web databases
76.9.D33 Data compression
76.9.D335 Data encryption
76.9.D337 Data entry
76.9.D338 Data integration
76.9.D3385 Data logging. Event logging
Class here general works on software generated lists of events
For works on data logging equipment and logs used in a specific field, see the field, e.g., QH324.9.B5 Biotelemetry
For data loggers see TK7895.D28
76.9.D34 Data marts
76.9.D343 Data mining
Including OLAP technology and multimedia data mining
76.9.D345 Data preparation
76.9.D348 Data recovery
76.9.D35 Data structures
Cf. QA76.9.C72 Cookies (Computer science)
76.9.D37 Data warehousing
76.9.D43 Debugging in computer science
Including structured walkthrough
76.9.D5 Distributed processing
76.9.D6 Documentation
Cf. QA76.76.D63 Software documentation
76.9.E25 Economic aspects
76.9.E53 End-user computing
76.9.E57 Entertainment computing
76.9.E58 Environmental aspects
76.9.E77 Error messages
Ethical aspects see QA76.9.M65
76.9.E94 Evaluation of computer performance
76.9.E95 Evaluation of data processing activities
Event logging see QA76.9.D3385
Expert systems see QA76.76.E95
76.9.F34 Failures of computer systems
Cf. QA76.76.F34 Software failures
76.9.F35 Computers and family
76.9.F38 Fault-tolerant computing
76.9.F48 File conversion
Including individual file conversion software, e.g. Adobe Acrobat
76.9.F5 File organization
76.9.F53 File processing

Instruments and machines
Calculating machines
Electronic computers. Computer science
Other topics, A-Z -- Continued

76.9.F67 Formal methods
76.9.G37 Garbage collection
76.9.G68 Government policy
Granular computing see QA76.9.S63
Graphical user interfaces see QA76.9.U83
Grids, Computational see QA76.9.C58
76.9.H35 Hard disk management
76.9.H36 Hashing
76.9.H84 Human computation. Crowdsourcing
Cf. Q337+ Distributed artificial intelligence
76.9.H85 Human-computer interaction
76.9.I52 Information visualization
76.9.I55 Input design
76.9.I58 Interactive computer systems
76.9.K48 Keyboarding
Class here works on keyboarding computer formats, such as punched cards or punched tape
For works on keyboarding eye-readable reports and displays see Z49+
76.9.L38 Lattice theory
76.9.L63 Logic, Computer
76.9.M3 Management
76.9.M35 Mathematics, Computer
76.9.M45 Memory management
76.9.M65 Moral and ethical aspects
76.9.M68 Multilingual computing
76.9.N37 Natural computation
Including biologically-inspired computing
76.9.N38 Natural language processing
Cf. P98+ Linguistics
76.9.N47 Netcentric computing
Non-relational databases see QA76.9.D32
76.9.O35 Object-oriented methods
Cf. QA76.64 Object-oriented programming
OLAP technology see QA76.9.D343
76.9.O43 Computers and older people
76.9.O59 Olympiads
Online databases see QA76.9.D32
Organization, Computer see QA76.9.C643
76.9.P75 Psychological aspects
76.9.Q36 Quantitative research. Quantitative data analysis
76.9.Q4 Question-answering systems
Religious aspects see BL255.5
76.9.R45 Remote job entry
76.9.R48 Reversible computing
Security, Computer see QA76.9.A25
Security, Data base see QA76.9.D314
76.9.S54 Self-stabilization
Social aspects of computers see QA76.9.C66
76.9.S63 Soft computing
Including granular computing
Software maintenance see QA76.76.S64

Instruments and machines
Calculating machines
Electronic computers. Computer science
Other topics, A-Z -- Continued
76.9.S8 Standards
Cf. QA76.76.S73 Standards for software
76.9.S84 Structured techniques
Structured walkthrough see QA76.9.D43
76.9.S88 System design
System failures see QA76.9.F34
76.9.S9 Systems migration
76.9.T43 Technical support
Cf. QA76.76.S66 Software support
76.9.T48 Text processing
76.9.T7 Transborder data flow
76.9.U83 User interfaces
Including graphical user interfaces
76.9.V5 Virtual computer systems
Visualization, Information see QA76.9.I52
76.9.V65 Voice computing
76.9.W43 Web databases
76.9.W65 Computers and women
76.95 Use of electronic computers in mathematics
For works on the use of calculators in mathematics instruction see QA20.C34
For works on computer-assisted instruction in mathematics see QA20.C65
Miscellaneous geometrical instruments
Cf. T375+ Drawing instruments
77 General works
81 Planimeters
Mechanical aids in higher analysis
85 General works
90 Graphic methods (General). Nomography
93 Popular works
95 Mathematical recreations
For Rubik's Cube, Rubik's Revenge, Rubik's Snake, etc. see QA491
99 Miscellany and curiosa
Elementary mathematics. Arithmetic
Including basic mathematical concepts for the elementary grades
Cf. QA248+ Foundations of arithmetic
Textbooks
101 Through 1845
103 1846-1900
106 1901-1960
107 1961-2000
107.2 2001-
109 Special aspects of the subject as a whole
111 Rapid calculators and short cuts
113 Counting
Class here works dealing with counting, including counting books and other forms of materials
For works dealing with numeration, the concept of numbers, and numeration systems see QA141+
115 Elementary operations
e.g. addition, subtraction, multiplication, division
117 Fractions
Including proportion, ratio

Elementary mathematics. Arithmetic -- Continued
119 Roots
Including square root, cube root
Study and teaching
Cf. LC4621 Education of children with mental disabilities
General works, treatises, and textbooks
135 Through 1960
135.5 1961-2000
135.6 2001-
137 Teaching fractions
139 Problems, exercises, examinations
Numeration, number concept, numeration systems
Cf. QA241+ Theory of numbers
Cf. QA297+ Numerical analysis
141 General works, treatises, and textbooks
141.15 Number concept (Elementary)
Cf. BF456.N7 Numbers. Mathematics (Psychology)
141.2 History
Cf. GN476.15 Primitive numeration
Cf. P211+ History of writing
141.3 Juvenile works
141.35 Decimal system
Class here expository and historical works on the decimal system
For tables, arithmetic, and other works with values expressed mainly in the decimal system, see the special class numbers that are provided for particular fields, e. g. QA101 Arithmetic. For tables, arithmetic, etc., for other special systems, see QA141.4+
141.4 Binary system
Duodecimal system
141.5.A1 Periodicals, societies, congresses, serial publications
141.5.A2-Z General works, treatises, and textbooks
141.6 Octal system
141.8.A-Z Other special systems, A-Z
141.8.Q5 Quinary system
141.8.S4 Sexadecimal system
141.8.S5 Sexagesimal system
141.8.T45 Ternary system
141.8.V54 Vigesimal system
(145) Algebra and arithmetic
see QA101+
Algebra
150 Periodicals, societies, congresses, serial publications
151 History
Textbooks
Elementary
152 Through 1970
152.2 1971-2000
152.3 2001-
Advanced
154 Through 1970
154.2 1971-2000
154.3 2001-
154.8 Early works to 1800
155 General works and treatises
Including higher algebra
155.15 Juvenile works
155.2 Addresses, essays, lectures

Algebra -- Continued
155.5 Special aspects of the subject as a whole
155.7.A-Z Special topics, A-Z
155.7.E4 Electronic data processing
157 Problems, exercises, examinations
Study and teaching. Research
159 General works
159.2 Outlines, syllabi, etc.
161.A-Z Miscellaneous elementary topics, A-Z
161.B48 Binomial coefficients
161.B5 Binomial theorem
161.E95 Exponents
161.F3 Factors
Logarithms see QA59
161.P59 Polynomials
162 Abstract algebra
Cf. QA10.3 Boolean algebra
Combinatorics. Combinatorial analysis
164 General works
164.5 Problems, exercises, etc.
164.8 Enumeration problems. Generating functions
Cf. QA353.G44 Special functions
164.9 Identities
165 Permutations. Combinations. Partitions
Including magic squares and magic cubes
Graph theory
Cf. QA612.18 Map-coloring problem
166 General works
166.14 Bipartite graphs
166.145 Cayley graphs
166.15 Directed graphs
166.16 Perfect graphs
166.165 Quantum graphs
166.17 Random graphs
166.175 Fuzzy graphs
166.18 Hamiltonian graph theory
166.185 Intersection graph theory
166.19 Eulerian graph theory
166.195 Topological graph theory
166.197 Graph labelings
Including magic labelings
166.2 Trees
166.22 Paths and cycles
166.23 Hypergraphs
166.24 Reconstruction
166.242 Representations of graphs
166.243 Graph connectivity
166.245 Graph algorithms
166.247 Graph coloring
Design and configurations
166.25 General works
166.3 Block designs
166.4 Hadamard matrices
166.6 Matroids. Greedoids
166.7 Packing and covering
166.75 Polyominoes

	Algebra
	Combinatorics. Combinatorial analysis
	Design and configurations -- Continued
166.8	Tessellation and tiling
	Combinatorial geometry
167	General works
167.2	Finite geometries
169	Homological algebra
	Including functors, categories
(171)	Group theory
	see QA174+
	Ordered sets
171.48	General works
171.485	Partially ordered sets
171.49	Semilattices
171.5	Lattice theory
	Cf. QD921+ Crystal lattices
	Ordered algebraic structures
172	General works
172.4	Ordered groups
	Group theory
	Cf. QA172.4 Ordered groups
	Cf. QA385+ Continuous groups
	Cf. QA387 Topological groups. Lie groups
	Cf. QA613.7 Topological transformation groups
	Cf. QA614.97 Pseudogroups and deformations of structures
	Cf. QC174.17.G7 Quantum theory
	Cf. QD455.3.G75 Physical chemistry
174	Periodicals, societies, congresses, serial publications
174.2	General works
174.5	Juvenile works
	Study and teaching. Research
174.6	General works
174.62.A-Z	Special topics, A-Z
174.62.C65	Computer-assisted instruction
174.7.A-Z	Special topics, A-Z
174.7.D36	Data processing
174.7.S96	Symmetry
175	Permutation groups
176	Representations of groups
177	Finite groups
177.4	Formal groups
178	Infinite groups
179	Linear algebraic groups
180	Abelian groups
181	Groupoids
181.5	Quasigroups
182	Semigroups
182.5	Combinatorial group theory
183	Geometric group theory
	Linear and multilinear algebra. Matrices
	Cf. QA243 Bilinear forms
	General works, treatises, and textbooks
184	To 2000
184.2	2001-
184.5	Problems, exercises, examinations

Algebra
Linear and multilinear algebra. Matrices -- Continued
185.A-Z Special topics, A-Z
185.C65 Computer-assisted instruction
185.D37 Data processing
186 Vector spaces
187 Linear dependence
Matrices
188 General works
191 Determinants
192 Elimination
193 Eigenvalues and eigenvectors
195 Proximity matrices
196 Quaternions
196.5 Random matrices
196.7 Sylvester equations
197 Triangularization
199 Clifford algebras
199.5 Multilinear algebra. Tensor products
Vector and tensor algebra
Cf. QA433 Vector and tensor analysis
200 General works
201 Invariants
205 Exterior algebra. Ausdehnungslehre
Theory of equations
211 General works, treatises, and textbooks
212 Roots. Symmetric functions
Cf. QA119 Elementary mathematics
214 General resolution of equations
Including simultaneous equations
215 Cubic, quadratic, biquadratic, and other particular equations
218 Numerical solutions
219 Graphic algebra
Approximation theory
Cf. QA297+ Numerical analysis
221 General works
223 Radial basis functions
224 Spline theory
Number theory
241 General works, treatises, and textbooks
241.5 Geometry of numbers
241.7 Probabilistic number theory
242 Divisibility. Linear congruences. Factorization. Quadratic residues. Diophantine analysis
Arithmetical algebraic geometry
242.5 General works
242.6 Arakelov theory
243 Forms
Including quadratic, bilinear forms
244 Higher congruences, residues. Fermat's theorem
245 Cyclotomy. Application of functions to arithmetic
246 Distribution of primes. Special numerical functions, etc.
246.5 Sequences of integers
Exponential and character sums
246.7 General works
246.8.A-Z Special sums, A-Z
246.8.G38 Gaussian

Algebra
Number theory
Exponential and character sums
Special sums, A-Z -- Continued
246.8.K58 Kloosterman
246.8.T75 Trigonometric
Algebraic fields. Algebraic numbers
247 General works
Modular fields. Finite fields
247.3 General works
247.35 Modular arithmetic
247.4 Differential and difference algebra
247.45 Division algebras
247.5 Transcendental numbers. Irrational numbers
Foundations of arithmetic. Set theory. Transfinite numbers
248 General works
248.3 Elementary textbooks
248.5 Fuzzy sets
Recursive functions. Recursive arithmetic see QA9.6+
251 Universal algebra
Cf. QA184+ Linear and multilinear algebra
251.3 Commutative rings and algebras
251.35 Group rings
251.38 Local rings
251.4 Noncommutative rings and algebras
251.5 Associative rings and algebras
Nonassociative rings and algebras
252 General works
252.3 Lie algebras. Lie superalgebras
Cf. QA387 Lie groups
252.5 Jordan algebras
255 Complex numbers
(263) Matrices
see QA188+
Machine theory. Abstract machines. Abstract automata
Cf. QA9.6+ Recursive functions
Cf. QA75.5+ Electronic computers
Cf. QA402.3+ Control theory
267 General works, treatises, and textbooks
267.3 Formal languages
Cf. P98+ Language data processing
267.5.A-Z Special types of machines, A-Z
267.5.C45 Cellular automata
267.5.F89 Fuzzy automata
267.5.P7 Probabilistic automata
267.5.S4 Sequential machines
267.5.T45 Temporal automata
267.7 Computational complexity. Kolmogorov complexity
268 Coding theory
Including the mathematics of cryptography
268.5 Switching theory
Cf. QA10.3 Boolean algebra
Cf. TK7868.S9 Switching circuits
Game theory
269 General works
Cf. T57.92 Industrial engineering

	Algebra
	Game theory -- Continued
270	Games of strategy
271	Games of chance
272	Differential games
272.4	Cooperative games
272.5	Noncooperative games
	Probabilities
	Cf. T57.3+ Industrial engineering
	Cf. TA340 Engineering mathematics
273.A1	Periodicals, societies, congresses, serial publications
273.A3	Dictionaries and encyclopedias
273.A35	Philosophy
273.A4	History
273.A5-Z	General works, treatises, and textbooks
273.15	Popular works
273.16	Juvenile works
273.18	Addresses, essays, lectures
273.19.A-Z	Special topics, A-Z
273.19.E4	Electronic data processing
	Study and teaching. Research
273.2	General works
273.25	Problems, exercises, examinations
273.26	Computer-assisted instruction
273.27	Programmed instruction
273.3	Handbooks, tables, formulas, etc.
273.4	Axioms and foundations
273.43	Probability theory on algebraic and topological structures
273.45	Combinatorial probabilities
273.5	Geometric probability. Stochastic geometry. Random sets
273.6	Distributions. Characteristic functions
273.67	Limit theorems
	Stochastic processes
	Cf. T57.33 Renewal theory
	Cf. T57.35+ Renewal theory
	Cf. T57.9 Queuing theory
274.A1	Periodicals, societies, congresses, serial publications
274.A5-Z	General works, treatises, and textbooks
274.12	Problems, exercises, etc.
274.13	Axioms and foundations
	Stochastic analysis
274.2	General works
274.22	Stochastic integrals
274.223	Stochastic inequalities
274.225	Stochastic sequences
274.23	Stochastic differential equations
274.25	Stochastic partial differential equations
274.27	Stochastic integral equations
274.28	Random operators
274.29	White noise theory
274.3	Stationary processes
274.4	Gaussian processes
274.42	Point processes
274.45	Random fields
274.46	Random measures
274.5	Martingales. Semimartingales

Probabilities
Stochastic processes -- Continued
274.6 Learning models
Markov processes. Markov chains
274.7 General works
274.73 Random walks
274.75 Diffusion processes. Brownian motion processes
Cf. QC183 Constitution and properties of matter and anti-matter
274.755 Jump processes
274.76 Branching processes
274.8 Queuing theory
274.9 Self-similar processes
275 Theory of errors. Least squares
Mathematical statistics
Including statistical inference and fundamental concepts of statistics
For special applications of statistics, see the field of application, e.g. HD1421+ Agricultural statistics; LB2846 Educational statistics; TA340 Statistical methods in engineering
276.A1 Periodicals, societies, congresses, serial publications
276.A12 Collected works (nonserial)
276.A2-Z General works
276.12 Elementary texts
Including descriptive statistics
276.13 Juvenile works
276.14 Dictionaries and encyclopedias
276.15 History
Biography
276.156 Collective
276.157.A-Z Individual, A-Z
276.16 Addresses, essays, lectures
276.17 Statistics as a profession. Vocational guidance
Study and teaching. Research
276.18 General works
276.19 Outlines, syllabi
276.2 Problems, exercises, examinations
276.22 Computer-assisted instruction
276.23 Geometrical models
276.25 Handbooks, tables, formulas, etc.
Including tables of random numbers
276.3 Graphic methods
Data processing
Class here works on the use of data processing and computers in mathematical statistics in general
For the application of statistical data processing and statistical analysis programs in special fields see the field, e. g. HF5415.125, Marketing; T57.5, Industrial engineering
276.4 General works
276.45.A-Z Special programs or languages, A-Z
276.45.J56 JMP (Computer file)
276.45.M38 Mata
276.45.M53 Microsoft Excel
276.45.M56 Minitab
276.45.R3 R (Computer program language)
276.45.S27 SAS (Computer program language)
276.45.S28 SCA statistical system
276.45.S83 Statistica
276.5 Fuzzy statistics
276.6 Sampling theory and methods

Mathematical statistics -- Continued
276.7 Sampling distribution
276.74 Tolerance regions. Confidence intervals
276.8 Estimation theory
Including measurement uncertainty
276.9 Minimum message length. Minimum description length
Testing of hypotheses
277 General works
277.3 Chi-square test
277.5 Observed confidence levels
Multivariate analysis
278 General works
278.2 Regression analysis. Correlation analysis
278.3 Path analysis. Structural equation modeling
278.4 Paired and multiple comparisons
278.5 Factor analysis. Principal components analysis. Correspondence analysis
278.55 Cluster analysis
278.6 Latent structure analysis
278.65 Discriminant analysis
278.7 Order statistics
278.75 Ranking and selection
278.8 Nonparametric methods
Analysis of variance and covariance. Analysis of means. Experimental design
279 General works
279.2 Prediction analysis
Decision theory
279.4 General works
279.5 Bayesian statistics
279.6 Fuzzy decision making
279.7 Multistage decision procedures. Sequential analysis
280 Time series analysis
281 Interpolation. Extrapolation
Cf. QA47+ Mathematical tables
Cf. QA221+ Approximation theory
Cf. QA273.A1+ Probabilities. Theory of errors. Least squares
Cf. QA297+ Numerical analysis
292 Sequences
Cf. QA246.5 Sequences of integers
295 Series
Including infinite products and other infinite processes
Numerical analysis
Cf. QA221+ Approximation theory
297 General works, treatises, and textbooks
297.3 Problems, exercises, etc.
297.4 Discrete mathematics
297.5 Numerical approximation
For numerical solution to differential equations, including initial value problems and boundary value problems see QA370+
Cf. QA71+ Instruments and machines
Cf. QA90 Graphic methods. Nomography
Cf. QA218 Numerical solutions of algebraic equations
Cf. QA275 Least squares
Cf. QA281 Interpolation. Extrapolation
297.55 Relaxation methods
297.6 Smoothing. Curve fitting
297.65 Rounding

Numerical analysis -- Continued
297.7 Roundoff errors
297.75 Interval analysis
297.8 Iterative methods
298 Numerical simulation. Monte Carlo method
Cf. T57.62+ Industrial engineering
299 Numerical differentiation
Numerical integration
299.3 General works
299.4.A-Z Special formulas, A-Z
299.4.C83 Cubature formulas
299.4.G3 Gaussian quadrature formulas
Analysis
Including calculus, functional analysis, functions, differential equations
299.6 Periodicals, societies, congresses, serial publications
Foundations
299.8 General works
299.82 Nonstandard analysis
300 General works, treatises, and textbooks
300.5 Addresses, essays, lectures
301 Problems, exercises, examinations
302 Early works through 1800
Calculus
Cf. QA431 Calculus of differences
General works, treatises, and textbooks
303 Through 2000
303.2 2001-
303.3 Study and teaching. Research
303.5.A-Z Special topics, A-Z
303.5.C65 Computer-assisted instruction
303.5.D37 Data processing
Differential calculus
304 General works
305 Problems, exercises, examinations
306 Miscellaneous special topics
Integral calculus
308 General works
309 Problems, exercises, examinations
310 Tables of integrals
311 Miscellaneous special topics
Measure and integration
Including Lebesgue integrals
312 General works
312.5 Fuzzy measure theory
313 Ergodic theory
Cf. QA329.2 Linear operators
Cf. QA611.5 Topology
314 Fractional calculus
Calculus of variations
Cf. QA402.3+ Control theory
315 General works
316 Miscellaneous special topics
Functional analysis
319 Periodicals, societies, congresses, serial publications
320 General works
321 Addresses, essays, lectures

Analysis
Functional analysis -- Continued
321.5 Nonlinear functional analysis
322 Topological linear spaces
322.2 Normed linear spaces. Banach spaces
322.4 Inner product spaces. Hilbert spaces
322.5 Indefinite inner product spaces
323 Function spaces
324 Theory of distributions
325 Measures, integration, derivatives
326 Topological algebras. Banach algebras
Operator theory
329 General works
329.2 Linear operators
Differential operators
329.4 General works
329.42 Partial differential operators
329.5 Narrow operators
329.6 Integral operators
329.7 Pseudodifferential operators
Nonlinear operators
329.8 General works
329.9 Fixed point theory
Cf. QA612.24 Fixed points and coincidences
Theory of functions
331 General works, treatises, and advanced textbooks
331.3 Elementary textbooks
331.5 Functions of real variables
331.7 Functions of complex variables
Riemann surfaces
Including multiform, uniform functions
333 General works
335 Fuchsian groups
337 Teichmüller spaces
341 Algebraic functions
342 Logarithmic, circular, and exponential functions
343 Elliptic functions. Elliptic integrals. Modular functions
345 Abelian functions. Theta functions
Including hyperelliptic functions
Special functions
Cf. QA406 Spherical harmonics
Cf. QA408 Bessel functions
Cf. QA409 Lamé functions
351 General
353.A-Z Other special functions, A-Z
353.A9 Automorphic. Fuchsian
353.C17 C-functions
353.C64 Concave functions
353.E5 Entire functions
Fuchsian see QA353.A9
353.G3 Gamma
353.G44 Generating functions
Cf. QA164.8 Combinatorial analysis
353.H9 Hypergeometric
353.K47 Kernel functions
353.P4 Periodic functions

Analysis
Theory of functions
Special functions
Other special functions, A-Z -- Continued
353.T7 Transcendental functions
355 Miscellaneous special topics
360 Geometric principles of analysis. Mapping of regions. Conformal representation
Cf. QA646 Differential geometry
Differential equations
370 Periodicals, societies, congresses, serial publications
371 General works, treatises, and textbooks
Study and teaching. Research
371.3 General works
371.32 Outlines, syllabi, etc.
371.35 Computer-assisted instruction
371.5.A-Z Special topics, A-Z
371.5.D37 Data processing
372 Ordinary differential equations (linear and nonlinear)
372.5 Differential-algebraic equations
373 Differential-difference equations
374 Partial differential equations (first order)
377 Partial differential equations (second and higher orders)
377.3 Evolution equations
Cf. QC20.7.E88 Mathematical physics
377.5 Degenerate differential equations
378 Initial value problems
378.5 Inverse problems
379 Boundary value problems
380 Bifurcation theory
381 Differential forms and invariants
Cf. QA614.46 Pfaffian systems
Continuous groups (of transformations). Infinitesimal transformations
385 General works
387 Topological groups. Lie groups
Cf. QA613.7 Topological transformation groups
Cf. QA613.8 Hopf algebras
Cf. QA614.97 Pseudogroups and deformations of structures
Analytical methods used in the solution of physical problems
Including mathematical physics (mathematical theory only)
Cf. QC19.2+ Mathematical physics
Cf. TA329+ Engineering mathematics and engineering analysis
401 General works, treatises, and textbooks
System analysis
Cf. T57.6+ Industrial engineering
Cf. TA168 Systems engineering
402 General works
402.2 Decomposition method
Control theory (General and linear)
Cf. TJ212+ Automatic control
402.3 General works
402.35 Nonlinear control theory
402.37 Stochastic control theory
Mathematical optimization. Programming
Cf. T57.7+ Industrial engineering
402.5 General works

Analysis
Analytical methods used in the solution of physical problems
Mathematical optimization. Programming -- Continued
402.6 Transportation problems
Including assignment and location problems
Harmonic analysis (General)
Including abstract harmonic analysis
403 General works
403.3 Wavelets
Fourier analysis
403.5 General works
404 Fourier series
404.5 Orthogonal series. Orthogonal functions and polynomials
Potential theory. Pluripotential theory
Cf. QA825+ Analytic mechanics
404.7 General works
405 Harmonic functions
406 Laplace and Legendre functions (Spherical harmonics)
408 Bessel functions (Cylindrical harmonics)
409 Lamé functions (Ellipsoidal harmonics)
411 Toroidal and other harmonics
425 Dirichlet's problem and analogous problems
427 Nonlinear theories. Nonlinearity
431 Difference equations and functional equations. Integral equations. Calculus of differences
432 Operational calculus. Laplace transformation
433 Vector and tensor analysis. Spinor analysis. Scalar field theory
Geometry
Cf. QA681 Foundations of geometry
440 Periodicals, societies, congresses, serial publications
441 Dictionaries and encyclopedias
442 Philosophy
443 Collected works (nonserial)
443.5 History
444 Early works through 1800
445 General works, treatises, and textbooks
445.5 Juvenile works
446 Addresses, essays, lectures
447 Special aspects of the subject as a whole
448.A-Z Special topics, A-Z
448.D38 Data processing
Elementary geometry
451 Euclid's Elements for use in schools
For commentaries, Greek texts, and translations see QA31
Other textbooks (Plane and solid)
453 General works
455 Plane
457 Solid
459 Problems, exercises, examinations
460.A-Z Special propositions, A-Z
460.P8 Pythagorean theorem
Study and teaching. Research
461 General works, treatises, and textbooks
Special teaching methods and aids
462 General works
462.2.A-Z Special types, A-Z
462.2.C65 Computer-assisted instruction

Geometry
Elementary geometry
Study and teaching. Research
Special teaching methods and aids
Special types, A-Z -- Continued
462.2.G34 Games
463 Laboratory manuals
464 Practical geometry. Geometrical drawing
Cf. QA497 Higher geometrical drawing (Plane)
Cf. QA501+ Descriptive geometry
465 Measurement
Famous problems
466 General works
467 Circle squaring
468 Trisection of the angle
469 Duplication of the cube
471 Projective geometry
Cf. QA554 Projective methods (Analytic geometry)
Modern geometry. Inversions
473 General works
474 Plane
475 Solid
477 Affine geometry
Special topics in plane geometry
481 Axioms. Postulates. Logic
Cf. QA681 Foundations of geometry
482 Straight lines, angles, triangles, etc.
483 Curves. Ovals
484 Circle
485 Conics
491 Special topics in solid geometry
Including Rubik's Cube, Rubik's Revenge, Rubik's Snake, etc.
497 Higher geometrical drawing (Plane)
Descriptive geometry
Cf. T351+ Mechanical drawing
501 General works, treatises, and textbooks
501.5 Problems, exercises, examinations
Parallel projection
502 General works
Orthogonal projection on two planes
503 General works
505 Isometric projection
507 Oblique projection
Central projection
511 General works
515 Perspective
Class here geometrical works only
Cf. NA2710 Architecture
Cf. NC748+ Drawing
Cf. T369 Mechanical drawing
519 Shades and shadows
Class here geometrical works only
Cf. NC755 Drawing
520 Spherical projection
Cf. GA110+ Map projection
521 Miscellaneous special topics

Geometry -- Continued
529 Geometry and trigonometry (combined)
Trigonometry
531 General works, treatises, and textbooks
533 Plane
535 Spherical
537 Problems, exercises, examinations
538 Miscellaneous special topics
Analytic geometry
551 General works, treatises, and textbooks
551.5 Data processing
552 Plane. Conic sections
553 Solid
554 Projective methods
555 Problems, exercises, examinations
556 Coordinates
556.5 Equipollence
557 Straight line and circle. Triangle
559 Conics
559.5 Curves
561 Quadric surfaces
563 Maxima and minima
Algebraic geometry
564 General works, treatises, and textbooks
Higher algebraic curves
565 General works, treatises, and textbooks
567 Plane curves
567.2.A-Z Special curves, A-Z
567.2.C82 Cubic
567.2.E44 Elliptic
567.2.I84 Isothermic
567.2.M63 Modular
567.2.O76 Orthogonal
567.2.Q35 Quartic
567.2.Q54 Quintic
567.2.S56 Smooth affine
Higher algebraic surfaces
571 General works, treatises, and textbooks
573 Special surfaces
Including cubic, quartic surfaces
581 Skew algebraic curves
Including twisted cubics, curves of double curvature
582 Tropical geometry
Transformations, correspondences, and general methods for algebraic configurations
Including collineation, correlation
601 General works, treatises, and textbooks
602 Cremona transformations. Quadratic transformations
603 Classification of curves and surfaces. Groups of points and curves
605 Applications of transcendental functions to curves and surfaces
607 Enumerative geometry. Systems of curves and surfaces
608 Connexes, complexes, congruences. Line geometry
For algebraic configurations in hyperspace see QA691+
609 Conformal geometry
Topology
611.A1 Periodicals, societies, congresses, serial publications
611.A3 History

Geometry
Topology -- Continued

611.A34-Z	General works, treatises, and textbooks
611.13	Juvenile works
611.15	Addresses, essays, lectures
	Study and teaching. Research
611.17	General works
611.19	Problems, exercises, examinations
611.2	Fuzzy topology
611.21	Imbeddings
611.23	Compactifications. Compact spaces
611.234	Realcompactness. Realcompactification. Realcompact spaces
611.24	Proximity spaces
611.25	Uniform spaces. Quasi-uniform spaces
611.28	Metric spaces
611.29	Isometries, contractions, expansions
611.3	Other miscellaneous topological spaces
	For linear topological spaces see QA322
611.35	CW complexes
611.5	Topological dynamics
	Including those special aspects relating to ergodic theory
	Cf. QA614.8+ Differentiable dynamical systems
611.7	Fixed point theorems
	Cf. QA329.9 Nonlinear operators
	Algebraic topology. Combinatorial topology
	Cf. QA166+ Graph theory
612	General works
	Low-dimensional topology
	Cf. QA613.2 Manifolds and cell complexes
612.14	General works
612.18	Map-coloring problem
612.19	Four-color problem
	Knot theory. Link theory
612.2	General works
612.23	Braid theory
612.24	Fixed points and coincidences
	Cf. QA329.9 Fixed point theory
	Homology and cohomology theories
	Cf. QA169 Homological algebra
612.3	General works
612.32	Intersection homology theory
612.33	K-theory. KK-theory
612.36	Sheaves
612.5	Retracts
	Fiber spaces. Fiber bundles. Fiberings
612.6	General works
612.63	Vector bundles
	Homotopy theory
612.7	General works
612.72	Homotopy equivalences
612.76	Loop spaces
612.77	H-spaces
612.78	Homotopy groups
612.782	Steenrod algebra
612.79	Obstruction theory
612.8	Spectral sequences

Geometry
Topology -- Continued
Manifolds and cell complexes
Including distance geometry
613 General works
613.2 Topological manifolds
613.4 PL-topology
Differential topology
613.6 General works
613.618 Characteristic classes
613.619 Vector fields
613.62 Foliations
613.64 Differentiable mappings
613.65 Diffeomorphisms
613.658 Surgery. Handlebodies
613.659 Symplectic and contact topology
613.66 Cobordism
613.7 Topological transformation groups
Cf. QA387 Topological groups
613.8 Hopf algebras
Cf. QA387 Topological groups
Global analysis. Analysis on manifolds
614 General works
Differentiable manifolds
614.3 General works
614.4 Jets
614.42 Stratified sets
614.44 Supermanifolds
614.46 Pfaffian systems. Pfaffian problem
Calculus on manifolds
614.5 General works
614.58 Differentiable mappings and singularities. Catastrophes
614.7 Critical point theory
614.73 Harmonic maps
Differentiable dynamical systems
Cf. QA611.5 Topological dynamics
Cf. QA871 Analytic mechanicals
614.8 General works
614.813 Attractors
614.82 Flows
614.83 Hamiltonian systems
614.833 Nonholonomic dynamical systems
614.835 Random dynamical systems
614.84 Shadowing systems
614.85 Symbolic dynamics
614.86 Fractals. Fractal analysis
Partial differential equations and differential operators on manifolds
614.9 General works
614.92 Index theorems
614.95 Spectral geometry
614.97 Pseudogroups and deformations of structures
Cf. QA387 Lie groups
Infinitesimal geometry
615 General works, treatises, and textbooks
Of curves
621 General works

Geometry
Infinitesimal geometry
Of curves -- Continued
623 Kinematic geometry. Roulettes
624 Curvature
626 Rectification and quadrature
628 Transcendental curves
Of surfaces
631 General works
634 Curvature
636 Areas and volumes
638 Transcendental surfaces
639 Differential geometry of congruences, etc.
Convex geometry
639.5 General works
640 Convex sets and geometric inequalities
640.3 Convex polyhedra. Convex polytopes
640.5 Convexity spaces
Discrete geometry
640.7 General works
640.72 Aperiodic tilings
640.77 Rigidity
Differential geometry
Including general theory of surfaces
641 General works, treatises, and textbooks
642 Problems, exercises, examinations
643 Curves on surfaces
644 Minimal surfaces. Nets of plane curves
645 Surfaces determined by relations of curvature, etc.
646 Conformal and other representations of surfaces
Cf. GA110+ Map projection
Cf. QA360 Mapping of regions, conformal representation
648 Deformation of surfaces
648.5 Web geometry
649 Miscellaneous special topics
660 Projective differential geometry
665 Symplectic geometry. Contact geometry
Global differential geometry
Cf. QA614+ Global analysis. Analysis on manifolds
670 General works
671 Global Riemannian geometry
671.5 Spin geometry
672 Integral geometry
681 Foundations of geometry
685 Non-Euclidean geometry
689 Generalized spaces
Hyperspace
691 General works
699 Popular works. Fiction
Including Flatland, fourth dimension
Analytic mechanics
Class here mathematical works only
Cf. QC120+ Descriptive and experimental mechanics
Cf. TA349+ Applied mechanics
801 Periodicals, societies, congresses, serial publications
801.2 Collected works (nonserial)

Analytic mechanics -- Continued
801.5 Dictionaries and encyclopedias
801.6 Philosophy
802 History
Including general history of mechanics
803 Newton's Principia and commentaries
804 Early works through 1800
805 General works, treatises, and advanced textbooks
807 Elementary textbooks
807.5 Addresses, essays, lectures
808 Special aspects of the subject as a whole
808.2 Continuum mechanics
Cf. QC155.7 Fluid dynamics
808.5 Relativistic mechanics
808.8 Study and teaching
809 Problems, exercises, examinations
810 Handbooks, tables, formulas, etc.
Statics
Cf. TA351 Engineering
821 General works, treatises, and textbooks
823 Composition and resolution of forces at a point
Attractions and potential
Cf. QA404.7+ Potential theory
Cf. QC570+ Electrostatics
825 General works, treatises, and textbooks
827 Ellipsoids and other special systems
831 Rigid bodies. Forces and couples in three dimensions. Equilibrium
835 Chains and flexible surfaces. Catenary
839 Geometry of masses. Center of mass. Moments of inertia
Kinematics
Including composition of motions and displacements, relative motions, moving axes, theory of screws
Cf. QA623 Roulettes
Cf. QC231 Kinematics (Physics)
Cf. TJ175 Kinematics of machinery
841 General works
842 Relativistic kinematics
Dynamics
Cf. QC133+ Descriptive and experimental mechanics
Cf. UF820+ Motion of projectiles (Ballistics)
843 Periodicals, societies, congresses, serial publications
845 General works, treatises, and advanced textbooks
846 Elementary textbooks
Dynamics of a particle
Cf. QB349+ Celestial mechanics
Cf. QC174.17.P7 Problem of many bodies (Quantum theory)
851 General works, treatises, and textbooks
852 Special aspects of the subject as a whole
Including resistance, friction
853 Orbital and constrained motion
855 Motion of surfaces
Rigid dynamics
861 General works, treatises, and textbooks
862.A-Z Special systems, A-Z
862.G9 Gyroscope
862.P4 Pendulum

Analytic mechanics
Dynamics
Rigid dynamics
Special systems, A-Z -- Continued
862.P5 Pistons
862.P76 Projectiles
862.T7 Top
863 Miscellaneous special topics
Theory of vibrations. Oscillations
Cf. QA935+ Vibrations of elastic bodies
865 General works
867 Harmonic motion
867.5 Nonlinear oscillations
871 General methods in dynamics
Including Lagrange's equations, Hamilton's equations, least action, stability of systems
Mechanics of deformable bodies
Fluid mechanics
Cf. QC120+ Descriptive and experimental mechanics
Cf. TA357+ Applied fluid mechanics
901 General works, treatises, and textbooks
903 Problems, exercises, examinations
Hydrostatics
905 General works, treatises, and textbooks
907 Miscellaneous special topics
Including floating bodies, etc.
Cf. VM761+ Stability of ships
Fluid dynamics. Hydrodynamics
Cf. TC160+ Hydraulics
911 General works, treatises, and textbooks
912 Relativistic fluid dynamics
913 Kinematics of fluids. Irrotational motions
920 Magnetohydrodynamics. Magnetofluid dynamics
Cf. QC717+ Ion flow dynamics
Cf. QC718.5.M36 Plasma physics
Cf. QC809.M3 Cosmic physics
922 Two-phase flow. Multiphase flow
922.5 Uniform flow
924 Jets and cavities
925 Rotating fluids. Vortex motion
Cf. QB410 Rotating masses of gravitating fluid
925.5 Burbles
927 Wave propagation in fluids. Theory of wave motion
Cf. QC223 Mathematical theory of sound
929 Viscous fluids
929.5 Non-Newtonian fluids
Cf. QC189.5+ Rheology
930 Gas dynamics. Aerodynamics
Cf. QC120+ Descriptive and experimental mechanics
Cf. TL570+ Aeronautics
Elasticity. Plasticity
Cf. QC191 Special properties of matter
Cf. TA418+ Mechanical properties of materials
931 General works, treatises, and textbooks
932 Micropolar elasticity
933 Thermoelasticity
Cf. TA418.24+ Temperature dependent properties of materials

Analytic mechanics
Elasticity. Plasticity -- Continued
934 Torsion
Vibrations of elastic bodies. Wave propagation in elastic solids
935 General works
937 Impact
939 Surface waves

Astronomy
1 Periodicals, societies, congresses, serial publications
Museums. Exhibitions
2.A1 General works
2.A2-Z By region or country, A-Z
Subarrange each country by Table Q5
3 Collected works (nonserial)
Observations
Including serial collections issued by individual observatories.
For annual reports see QB82.A+
4.A-Z By name of issuing observatory, A-Z
4.9.A-Z By region or country, A-Z
6 Star catalogs
Including zone observations, etc.
For catalogs of double stars, multiple stars, binary systems see QB821
For catalogs of variable stars see QB835
Ephemerides
For ephemerides of individual planets, see QB611 QB621 etc.
For ephemerides of planets collectively see QB603.E6
7 Early through 1800
1801-
8.A-Z Nautical and air (or aeronautical) almanacs. By country, A-Z
9 Other yearbooks
General tables
11 Early through 1800
12 1801-
14 Dictionaries and encyclopedias
Communication in astronomy
14.2 General works
14.25 Information services
14.3 Computer network resources
Including the Internet
14.5 Philosophy
History
15 General works
Ancient
16 General works
Cf. CE21+ Ancient chronology
Cf. GN799.A8 Astronomy (Prehistoric archaeology)
17 Chinese
18 Hindu
19 Assyro-Babylonian, etc.
Jewish see QB34
20 Egyptian
21 Greek
22 Roman
22.2 Celtic
22.3 Etruscan
Medieval
Including Arabic astronomy
23 General works
Astrology
25 History
Cf. BF1671+ Occult sciences
26 Medieval works
Cf. BF1680+ Occult sciences

History
Medieval
Astrology -- Continued
Modern astrology see BF1651+
Modern
28 General works
29 Renaissance through 1700
31 18th century
32 19th-20th centuries
33.A-Z By region or country, A-Z
34 Jewish astronomy
Maori astronomy see DU423.A85
34.5 Women in astronomy. Women astronomers
Biography
35 Collective
36.A-Z Individual, A-Z
e.g.
36.B8 Brahe
36.C8 Copernicus
36.G2 Galileo
40 Directories
41 Early works through 1700
Cf. GA6 Cosmography
Cf. VK551 Navigation (Early works)
General works, treatises, and advanced textbooks
Cf. QB500 Descriptive astronomy
42 1701-1800
43 1801-1969
43.2 1970-2000
43.3 2001-
Popular works
44 Through 1969
44.2 1970-2000
44.3 2001-
Elementary textbooks
45 To 2000
45.2 2001-
46 Juvenile works
Cf. QB63 Stargazers' guides
47 Special aspects of the subject as a whole
51 Addresses, essays, lectures
51.3.A-Z Special topics, A-Z
51.3.E43 Electronic data processing
51.3.I45 Imaging systems
51.3.L53 Light pollution
51.3.M38 Mathematics
Statistical methods see QB149
51.5 Astronomy as a profession. Vocational guidance
52 Miscellany and curiosa
54 Extraterrestrial life
Cf. CB156 Terrestrial, evidence of interplanetary voyages
(55) Astronomical myths, legends, and superstitions
see GR625
Study and teaching. Research
61 General works
62 Outlines, syllabi

Study and teaching. Research -- Continued
62.5 Problems, exercises, examinations
62.7 Laboratory manuals
63 Stargazers' guides
64 Observers' handbooks
Cf. TL796.8 Artificial satellites
65 Atlases and charts
66 Astronomical globes
Cf. GA12 Manual for globes
67 Miscellaneous models
68 Pictorial works and atlases
Planetariums
Including orreries
70 General works
71.A-Z By region or country, A-Z
Under each country:
.x *General works*
.x2A-.x2Z *Individual planetariums. By city, A-Z*
Observatories
Cf. QB479.A2+ Radio observatories
Cf. QB500.267+ Orbiting astronomical observatories
81 General works
82.A-Z By region or country, A-Z
Under each country:
.x *General works*
.x2A-.x2Z *Individual observatories. By place, A-Z*
Including description, history, annual reports, individual named telescopes, etc.
84 Observatory buildings
Including domes, piers, rising floors, chairs
Astronomical instruments
Including description, theory, adjustment
84.5 Periodicals, societies, congresses, serial publications
Biography of instrument makers
84.7 Collective
84.75.A-Z Individual, A-Z
85 Early. Astrolabes, etc.
Including descriptions of early observatories
Modern
85.8 History
86 General works, treatises, and textbooks
86.4 Catalogs
Telescopes. Objectives. Mirrors
Including homemade telescopes, optics, accessories
For individual named telescopes in observatories see QB82.A+
Cf. QB479.2 Radio telescopes
Cf. QB500.268 Hubble Space Telescope
88 General works
90 Large astronomical telescopes
97 Equatorial mountings. Driving clocks. Siderostats. Heliostats. Coelostats
101 Meridian instruments
Including transit circle, zenith telescope, visual and photographic
103 Extra-meridian instruments
Including altazimuth, almucantar, transit out of meridian, vertical circle

Astronomical instruments
Modern -- Continued
105 Portable instruments
Including transit, solar compass
Cf. VK583 Sextant
107 Clocks. Chronometers. Chronographs
For use of chronograph in ballistics see UF830.C4
111 Eyepieces
113 Micrometers
115 Levels. Artificial horizons. Illumination, etc.
117 Optical interferometers
Astronomical photography
121 General works
121.5 Equipment and supplies
125 Television in astronomy
126 Video astronomy
Electronics in astronomy
127 General works
Equipment and supplies
127.2 General works
127.4 Charge coupled devices
135 Astronomical photometry
Astronomical spectroscopy see QB465
135.5 Aeronautics in astronomy
Including balloons, etc.
136 Space astronomy
Including astronautics in astronomy
139 Telegraphic codes for transmission of astronomical data
Practical and spherical astronomy
Cf. QB66 Use of globes
Cf. VK551+ Nautical astronomy
140 Periodicals, societies, congresses, serial publications
143 Dictionaries and encyclopedias
144 Early works through 1800
145 General works, treatises, and textbooks
147 Celestial sphere and coordinates
149 Statistical astronomy
Correction and reduction of observations
151 General works, treatises, and textbooks
153 Personal equation
Involving apparatus for its determination
154 Errors of adjustment, etc.
Reduction to center of earth
Refraction
155 Theory and determination of constant
156 Tables
159 Parallax
Correction for movement of earth and equinoxes
Including determination of constants by observation
161 General works, treatises, and textbooks
163 Aberration
Cf. QC671 Electromagnetic theory
165 Precession and nutation
167 Annual parallax
168 Star reduction (from mean to apparent place)
169 Position of pole

Practical and spherical astronomy -- Continued
171 Determination of the ecliptic
Prediction of eclipses, occultations and transits
175 General works
185 Miscellaneous phenomena at occultations and transits
Geodetic astronomy
Including determination of geographical positions
201 General works, treatises, and textbooks
Observations
Cf. QB296.A1+ Observations (Geodesy)
205.A1 Periodicals, societies, congresses, serial publications
205.A2 General works, treatises, and textbooks
205.A3-Z By region or country, A-Z
e.g.
Mexico
205.M6 General works
205.M7A-.M7Z Local, A-Z
United States
205.U4-.U5 General works
205.U6A-.U6Z By region or state, A-Z
205.U7A-.U7Z By city, A-Z
207 Azimuth. Determination of meridian
Time
For historical chronology, calendar, etc. see CE1+
Cf. BD638 Cosmology
Cf. BF468 Psychology
Cf. GN476.3 Anthropology
Cf. QC173.59.T5 Time dilatation
209 General works
209.5 Juvenile works
Time service
210.A1 General works, treatises, and textbooks
210.A3-Z By region or country, A-Z
211 Sidereal and solar, and their conversion
213 Methods of finding the time
214 Instruments for measuring the time
Including hourglasses
Cf. TS540+ Watches and clocks
215 Sundials and dialing
216 Sunrise and sunset
217 Equation of time
221 Time signals, etc.
223 Systems and standards
224 Prime meridians
Longitude and latitude
224.5 General works, treatises, and textbooks
224.7.A-Z By region or country, A-Z
Longitude
225 Methods of determination
228 Tables and ephemerides
Observations
229 General works, treatises, and textbooks
229.5.A-Z By region or country, A-Z
Latitude
231 Methods of determination
233 Tables and ephemerides

Practical and spherical astronomy
Longitude and latitude
Latitude -- Continued
Observations
235 General works, treatises, and textbooks
235.5.A-Z By region or country, A-Z
237 Variation of latitude
Geodesy
275 Periodicals, societies, congresses, serial publications
279 Dictionaries and encyclopedias
280 Collected works (nonserial)
280.5 History
281 General works, treatises, and textbooks
281.5 Geodesy as a profession. Vocational guidance
283 Mathematical theory of the figure of the earth
Cf. QA827 Attractions of ellipsoids
Cf. QB331 Isostasy
Cf. QB410 Rotating masses of fluid
285 Popular works
286 Juvenile works
287 Addresses, essays, lectures
291 Special arc measures
Observations
296.A1 General works, treatises, and textbooks
296.A3-Z By region or country, A-Z
297 Data processing
Biography
297.9 Collective
298.A-Z Individual, A-Z
e.g.
298.H4 Hassler
298.R8 Rylke
Study and teaching. Research
299 General works
299.5.A-Z By region or country, A-Z
Geodetic surveying
Cf. TA501+ Plane surveying
Cf. VK588+ Hydrographic surveying
301 General works
303 Base measuring
Including apparatus
Cf. QC101 Standards of length
311 Triangulation
Cf. TA583 Plane surveying
321 Theory and computation. Tables, etc.
Cf. QA275 Least squares
325 Traverse surveying
Cf. TA585 Plane surveying
Instruments
Cf. TA562+ Surveying instruments, methods, etc.
328.A1 General works, treatises, and textbooks
328.A2-Z Special, A-Z
328.G4 Geodimeter
328.P7 Prismatic astrolabe
328.T4 Tellurometer
Gravity determinations

Geodesy
Gravity determinations -- Continued
330 Periodicals, societies, congresses, serial publications
331 Theory and description of apparatus. Isostasy
Cf. QA862.P4 Dynamics of pendulum
Observations
Including length of seconds, pendulum, etc.
334 General works, treatises, and textbooks
335.A-Z By region or country, A-Z
336 Data processing
Gravity anomalies
337 General works, treatises, and textbooks
337.5.A-Z By region or country, A-Z
338 Plumbline deflections
339 Disturbances
Including lunar, solar, earth movements
341 Constant of gravitation. Mean density of the earth
343 Satellite geodesy. Artificial satellites in geodesy
Cf. TL798.G4 Geodetic satellites
Theoretical astronomy and celestial mechanics
Cf. TL1050+ Astrodynamics
349 Periodicals, societies, congresses, serial publications
350 Collected works
350.5 History
351 General works, treatises, and textbooks
353 Addresses, essays, lectures
Calculation of orbits. Orbit determination
For orbits of individual planets see QB371+
For planetary orbits in general see QB603.M6
355 General works, treatises, and textbooks
355.3 Kepler's laws
355.5 Kepler's equation
357 Comets (General)
For orbits of individual comets see QB723.A+
Perturbations
Planetary theory
361 General works, treatises, and textbooks
361.9 Special aspects of the subject as a whole
362.A-Z Special topics, A-Z
362.F47 Few-body problem
362.M3 Many body problem
362.T5 Three body problem
362.T9 Two body problem
369 Tables and observations
Individual planets
Including tables and orbits
371 Mercury
372 Venus
374 Sun's apparent motion
376 Mars
Asteroids. Minor planets
377 General works, treatises, and textbooks
Individual
378.A-Z By name, A-Z
379 By number, if unnamed
384 Jupiter and Saturn

Theoretical astronomy and celestial mechanics
Perturbations
Planetary theory
Individual planets -- Continued
387 Uranus
388 Neptune
389 Ultra-Neptunian planets
Lunar theory
391 General works, treatises, and textbooks
391.9 Special aspects of the subject as a whole
392.A-Z Special topics, A-Z
392.C3 Capture of the moon by the earth
392.I5 Inequalities of the moon's motion
392.O3 Occultations of stars
397 Observations
399 Tables, charts, diagrams, etc.
Satellites
Including individual planetary satellites
Cf. QB603.R55 Planetary rings
Cf. TL796+ Artificial satellites
401 General works, treatises, and textbooks
401.5 Juvenile works
403 Satellites of Mars
404 Satellites of Jupiter
405 Satellites and ring system of Saturn
406 Satellites of Uranus
407 Satellites and ring system of Neptune
408 Satellites of Pluto
410 Figures of equilibrium of rotating masses of fluid
Theory of tides
Cf. GC300+ Oceanography
Cf. QC809.E2 Earth tides
Cf. VK600+ Tidetables
414 Early works through 1800
General works, treatises, and textbooks
415 1801-1969
415.2 1970-
416 Special aspects of the subject as a whole
418 Dictionaries and encyclopedias
419 Miscellany and curiosa
Instruments see GC306
421 Theory of double star systems
Cosmochemistry
450 General works
450.5 Cosmic abundance
Astrogeology
Cf. QB592 Lunar geology
Cf. QB603.G46 Planetary geology
Biography
454 Collective
454.2.A-Z Individual, A-Z
455 General works
455.2 Astromineralogy
455.5 Extraterrestrial seismology
Cf. QB539.I5 Helioseismology
Cf. QB812 Astroseismology

	Astrogeology -- Continued
456	Multiring basins
	Astrophysics (General)
460	Periodicals, societies, congresses, serial publications
460.15	Collected works (nonserial)
	Biography
460.7	Collective
460.72.A-Z	Individual, A-Z
461	General works, treatises, and textbooks
461.3	Popular works
461.5	Addresses, essays, lectures
462.2	Data processing
462.3	Mathematics
462.5	Radio astrophysics
462.6	Molecular astrophysics
462.65	Relativistic astrophysics
	Plasma astrophysics
462.7	General works
462.72	Double layers
462.8	Cosmic magnetic fields
	Nuclear astrophysics
463	Periodicals, societies, congresses, serial publications
463.15	Collected works (nonserial)
464	General works, treatises, and textbooks
464.15	Particle acceleration
464.2	Neutrino astrophysics
464.3	Nucleosynthesis
464.4	Radiative capture
465	Astronomical spectroscopy
	Cf. QB551 Spectroscopy of sun and eclipses
	Cf. QB870+ Stellar spectroscopy
466.A-Z	Other topics, A-Z
466.A25	Accretion
466.C45	Chaotic behavior in systems
466.C64	Collisions
466.C65	Compact objects
466.C66	Controlled fusion
466.C67	Cosmochronology
466.D58	Disks
466.E65	Equations of state
466.F58	Fluid dynamics
466.G38	Gas dynamics
466.J46	Jets
466.M37	Mass loss
466.P67	Positronium
	Non-optical methods of astronomy
468	General works
	Infrared astronomy
470.A1	Periodicals, societies, congresses, serial publications
470.A5-Z	General works, treatises, and textbooks
	Gamma ray astronomy
471.A1	Periodicals, societies, congresses, serial publications
471.A5-Z	General works, treatises, and textbooks
471.7.A-Z	Special topics, A-Z
471.7.B85	Bursts
	X-ray astronomy

Non-optical methods of astronomy
X-ray astronomy -- Continued
472.A1 Periodicals, societies, congresses, serial publications
472.A5-Z General works, treatises, and textbooks
472.5 Juvenile works
473 Addresses, essays, lectures
474 Ultraviolet astronomy
Radio astronomy
Cf. QB860 Quasars
475.A1 Periodicals, societies, congresses, serial publications
475.A15 Collected works (nonserial)
475.A2 Dictionaries and encyclopedias
History
475.A25 General works
475.A28A-.A28Z By region or country, A-Z
476.5 General works, treatises, and advanced textbooks
477 Popular works
478 Juvenile works
478.5 Addresses, essays, lectures
Observatories
479.A2 General works
479.A5-Z By region or country, A-Z
Under each country:
.x General works
.x2A-.x2Z Individual observatories. By name, A-Z
479.2 Radio telescopes
479.3 Radio interferometers
479.4 Millimeter astronomy
Radio sources
479.5 General works
479.55.A-Z Individual radio sources or types of radio sources, A-Z
479.55.C93 Cygnus A
479.55.H68 Hot spots
479.55.M18 M87 (Galaxy)
479.55.R34 Radio Galaxies
479.55.S88 Superluminal
480 Radar in astronomy
Descriptive astronomy
Periodicals, societies, congresses, serial publications see QB1
General works, treatises, and textbooks see QB42+
Universe. Space. Space sciences
Cf. QB980+ Cosmology
Cf. TL787+ Astronautics. Space travel
495 Periodicals, societies, congresses, serial publications
496 Collected works
497 Dictionaries and encyclopedias
497.2 Communication in space sciences
History
498 General works
498.2.A-Z By region or country, A-Z
500 General works, treatises, and advanced textbooks
500.22 Juvenile works
500.24 Addresses, essays, lectures
500.25 Special aspects of the subject as a whole
500.26.A-Z Special topics, A-Z
500.26.D38 Data processing

Descriptive astronomy
Universe. Space. Space sciences
Special topics, A-Z -- Continued
500.26.I58 International cooperation
500.26.S67 Space optics
Study and teaching. Research
Including exploration of outer space
500.262 General works
500.264 Experiments
500.266.A-Z By region or country, A-Z
Orbiting astronomical observatories
500.267 General works
500.268 Hubble Space Telescope
500.269 Next Generation Space Telescope
500.28 Northern sky
500.3 Southern sky
Solar system
500.5 Periodicals, societies, congresses, serial publications
501 General works, treatises, and textbooks
501.2 Popular works
501.3 Juvenile works
501.5 Study and teaching. Research
502 Miscellany and curiosa
503 Age of solar system. Origin of solar system
505 Physical conditions
Including atmospheres, resisting medium, etc.
507 Proper motion in space
Solar parallax and related constants
508 General works
Transit of Venus
509 General works, treatises, and textbooks
509.5 1639 transit
511 1761 and 1769 transits
512 1874 transit
513 1882 transit
513.2 2004 transit
515 Transit of Mercury
516 Observations of Mars and asteroids
518 Other methods
Sun
520 Periodicals, societies, congresses, serial publications
521 General works, treatises, and textbooks
521.4 Popular works
521.5 Juvenile works
521.6 Addresses, essays, lectures
522 Tables, etc.
Cf. QB374 Perturbations
523 Mass, diameter, rotation, etc.
Solar activity
524 General works
525 Sunspots
Cf. BF1729.S92 Astrology
526.A-Z Other special topics, A-Z
526.A37 Active regions
526.C9 Cycles
Energetic particles see QB526.S65

Descriptive astronomy
Solar system
Sun
Solar activity
Other special topics, A-Z -- Continued
526.F3 Faculae
526.F6 Flares
526.F64 Flocculi. Plages
Plages see QB526.F64
526.P7 Prominences
526.S65 Solar energetic particles
528 Atmosphere, chromosphere
Corona. Solar wind. Heliosphere
529 General works
529.5 Coronal holes
529.6 Corotating interaction regions
531 Radiation, temperature, etc.
Cf. QC910.2+ Solar radiation in meteorology
539.A-Z Other special topics, A-Z
539.C6 Composition
539.E4 Electric field
539.E8 Evolution
539.G7 Granulation
Helioseismology see QB539.I5
539.I5 Interior
Including helioseismology
539.M23 Magnetic fields
539.N6 Noise storms
539.N8 Nuclear reactions
539.O83 Oscillations
539.P58 Polarimetry
539.R3 Radio effects
Seismology see QB539.I5
539.S5 Size
539.S65 Solar neutrinos
539.S655 Solar x-rays
539.T4 Terrestrial-solar relations
540 Miscellany and curiosa
Solar eclipses
Including works on solar and lunar eclipses combined
Cf. BL325.E35 Eclipses (Mythology)
541 General works, treatises, and textbooks
541.5 Juvenile works
542 Through 1799
Class here works on individual solar eclipses occurring through 1799, as well as works discussing collectively eclipses in that time period
1800-
542.5 Collective
Individual
543 1800-1899
Complete by appending a decimal point and the last two digits of the year of the eclipse to QB543 followed by author number and date of publication, e. g. QB543.98.I53 1899, Indian eclipse, 1898; report of the expeditions, c1899

Descriptive astronomy
Solar system
Sun
Solar eclipses
1800-
Individual -- Continued
544 1900-1999
Complete by appending a decimal point and the last two digits of the year of the eclipse to QB544 followed by author number and date of publication, e. g. QB544.91.R36 1989, Rao Joe. Your guide to the great solar eclipse of 1991, c1989
545 2000-2099
Complete by appending a decimal point and the last two digits of the year of the eclipse to QB545 followed by author number and date of publication
551 Spectroscopy of sun and eclipses
579 Lunar eclipses
Moon
580 Periodicals, societies, congresses, serial publications
581 General works, treatises, and textbooks
581.9 Popular works
582 Juvenile works
582.3 Study and teaching. Research
582.5 Exploration
Cf. TL799.M6 Space flights to the moon
583 Distance, parallax
585 Rotation, libration, and shape
588 Temperature, radiation, brightness, phases
591 Surface, physical condition, meteorology
592 Lunar geology. Lunar petrology
Cf. TN291.35 Lunar mining
595 Photographs, maps, drawings
Planets. Planetology
Cf. QB54 Extraterrestrial life
Cf. QB401+ Satellites
Cf. QB500.5+ Solar system
Cf. QB820 Extrasolar planets
Cf. TL799.A+ Flights to special planets
600 Periodicals, societies, congresses, serial publications
600.2 Dictionaries and encyclopedias
Communication of planetological information
600.3 General works
600.32 Information services
600.33 Geographic information systems
600.34 Computer network resources
Including the Internet
600.35 Planetological literature
600.5 Nomenclature, terminology, names
601 General works, treatises, and textbooks
601.9 Popular works
602 Juvenile works
602.9 Special aspects of the subject as a whole
602.95 Data processing
603.A-Z Special topics, A-Z
603.A85 Atmospheres
Including meteorology
603.C6 Composition
603.C7 Cratering

Descriptive astronomy
Solar system
Planets. Planetology
Special topics, A-Z -- Continued
603.C78 Crust
603.E6 Ephemerides
603.F5 Figures
603.G46 Geology
Cf. TN291.3+ Space mining
603.I52 Infrared radiation
603.I53 Internal structure
603.I55 Interplanetary medium
Including interplanetary dust
603.I57 Ionospheres
603.M26 Magnetic fields
603.M3 Mass
Meteorology see QB603.A85
603.M6 Motion
Including orbits
For orbits of individual planets see QB371+
603.O74 Origin
603.R3 Radiation
603.R55 Rings
Cf. QB405 Ring system of Saturn
Cf. QB407 Ring system of Neptune
603.S6 Spectroscopy
603.S95 Surfaces
603.V65 Volcanism
604 Tables, etc.
605 Photographs, maps, drawings
605.2 Miscellany and curiosa
Inferior planets
606 General works
607 Intramercurial planets
Mercury
611 General works
613.A-Z Special topics, A-Z
613.G46 Geology
Transit of Mercury see QB515
Venus
621 General works
623.A-Z Special topics, A-Z
623.A86 Atmosphere
623.G46 Geology
623.M48 Meteorology
Transit of Venus see QB509+
623.V65 Volcanism. Volcanoes
623.W56 Winds
Earth as a planet. Astronomical geography
Cf. QE500+ Geology
630 Periodicals, societies, congresses, serial collections
631 General works, treatises, and textbooks
631.2 Popular works
631.4 Juvenile works
632 Origin
633 Rotation

Descriptive astronomy
Solar system
Planets. Planetology
Earth as a planet. Astronomical geography -- Continued
637 Photographs from space
Seasons
Cf. GR930 Folklore
637.2 General works, treatises, and textbooks
637.4 Juvenile literature
637.5 Spring
637.6 Summer
637.7 Autumn
637.8 Winter
638 Miscellany and curiosa
638.8 End of the world
Superior planets
Including other objects beyond Earth
For their satellites, see QB403+
639 General works
Mars
641 General works
643.A-Z Special topics, A-Z
643.A86 Atmosphere
643.C55 Climate
643.D87 Dust storms
643.G46 Geology
643.G73 Gravity
643.M48 Meteorology
Satellites see QB403
643.S42 Seasons
643.V65 Volcanism. Volcanoes
643.W38 Water
643.W56 Wind erosion
Asteroids
651 General works
653.A-Z Individual asteroids, A-Z
Outer planets
659 General works
Jupiter
661 General works
663.A-Z Special topics, A-Z
663.A86 Atmosphere
Satellites see QB404
Saturn
671 General works
673.A-Z Special topics, A-Z
Ring system see QB405
Satellites see QB405
Uranus
681 General works
683.A-Z Special topics, A-Z
Satellites see QB406
Neptune
691 General works
693.A-Z Special topics, A-Z
Ring system see QB407

Descriptive astronoomy
Solar system
Planets. Planetology
Superior planets
Outer planets
Neptune
Special topics, A-Z
Satellites see QB407
Trans-Neptunian objects
Cf. QB701+ Pluto
694 General works
695 Kuiper Belt
Dwarf planets
698 General works
Pluto
701 General works
703.A-Z Special topics, A-Z
Satellites see QB408
705 Ceres
Comets
Cf. QB357 Calculation of orbits
717 Periodicals, societies, congresses, serial publications
721 General works, treatises, and textbooks
721.4 Popular works
721.5 Juvenile works
721.6 Addresses, essays, lectures
722 Catalogs
723.A-Z Periodic comets. By name, A-Z
(723.A7) Arrest's comet
see QB723.D37
723.B5 Biela comet
723.B7 Brooks comet
723.B8 Brorsen comet (I)
723.C6 Comas Sola comet
723.D37 D'Arrest comet
723.D45 Delavan comet
723.D5 Denning comet
723.E3 Encke comet
723.F2 Faye comet
723.G43 Geddes comet
723.H17 Hale-Bopp comet
723.H2 Halley's comet
723.H7 Holmes comet
723.L6 Lexell comet
723.M67 Morehouse comet
723.S56 Shoemaker-Levy 9 comet
723.T3 Tempel 1 comet
723.T8 Tuttle comet
723.V35 Van Biesbroeck comet
724 Comets before 1700
725 1700-1799
Complete by appending a decimal point and the last two digits of the year of the appearance of the comet to QB725 followed by author number and date of publication

Descriptive astronomy
Solar system
Comets -- Continued
726 1800-1899
Complete by appending a decimal point and the last two digits of the year of the appearance of the comet to QB726 followed by author number and date of publication, e.g. QB726.61.K8, Kreutz, Heinrich, Untersuchungen über die Bahn des grossen Kometen von 1861
727 1900-1999
Complete by appending a decimal point and the last two digits of the year of the appearance of the comet to QB727 followed by author number and date of publication
728 2000-2099
Complete by appending a decimal point and the last two digits of the year of the appearance of the comet to QB728 followed by author number and date of publication
729 Distribution of comets
731 Nature and constitution (before the spectroscope)
732 Nature and constitution (modern views)
738 Meteoroids
Meteors
740 Periodicals, societies, congresses, serial publications
741 General works, treatises, and textbooks
741.5 Juvenile works
743 Methods of observation and geometrical topics
Including radiants, altitude, etc.
Periodic showers
745 November
746 August
748 Orbits
748.2 Streams
Relation between meteors and comets
749 General works
751 Other theories of the origin of meteors
753 Remarkable meteors, fireballs
Meteorites
Including craters
Cf. QE399 Tektites
754.8 Periodicals, societies, congresses, serial publications
755 General works, treatises, and textbooks
755.2 Juvenile literature
755.3 Addresses, essays, lectures
755.5.A-Z By region or country, A-Z
756.A-Z Individual meteorites and craters, A-Z
756.A44 Allende meteorite
756.C45 Chinguetti meteorite
756.F47 Fermo meteorite
756.J43 Jibal Waqf as Sawwan Crater
756.K87 Kurinelli meteorite
756.M4 Meteor Crater (Ariz.)
756.O74 Orgueil meteorite
756.P67 Port Orford meteorite
756.S5 Sikhote-Alin meteorite
756.T58 Thuathe meteorite
756.T8 Tunguska meteorite
756.V74 Vredefort Dome (South Africa)
Meteorite types or classes
Iron meteorites. Siderites

Descriptive astronomy
Solar system
Meteorites
Meteorite types or classes
Iron meteorites. Siderites -- Continued
757 General works, treatises, and textbooks
757.5.A-Z Special, A-Z
757.5.A73 Ataxites
757.5.H49 Hexahedrites
757.5.O37 Octahedrites
Stony meteorites. Aerolites
758 General works, treatises, and textbooks
758.5.A-Z Special, A-Z
758.5.A47 Achondrites
758.5.C46 Chondrites
759 Stony-iron meteorites. Siderolites. Intermediates
761 Zodiacal light. Counterglow. Gegenschein
Spectroscopy of moon, planets, comets, etc.
770 Moon
775 Planets
780 Comets
785 Meteors
Interstellar matter
790 General works
791 Cosmic dust
791.2 Cosmic grains
791.3 Dark matter
791.35 Missing mass
791.4 Molecular clouds
791.5 Interstellar hydrogen
791.7 Interstellar magnetic fields
792 Circumstellar matter
Stars
Cf. QB6 Star catalogs
Cf. QB870+ Stellar spectroscopy
799 Periodicals, societies, congresses, serial publications
801 General works, treatises, and textbooks
801.6 Popular works
801.7 Juvenile works
801.8 Addresses, essays, lectures
802 Constellation figures. Star names
Cf. QB63 Stargazers' guides
803 Zodiac
Including individual constellations of the zodiac
805 Particular stars (not A-Z)
Cf. QB823 Particular double and multiple stars
Cf. QB837 Particular variable stars
Cf. QB883 Spectra of special stars
806 Stellar evolution
806.5 Starbursts
807 Astrometry
Cf. QB135 Astronomical photometry
808 Structure
809 Atmospheres
Motion
Including orbits, velocities, dynamics

Descriptive astronomy
Stars
Motion -- Continued
810 General works
811 Proper motion
812 Stellar oscillations. Astroseismology
813 Parallax and distance
814 Masses
815 Magnitudes. Photometric catalogs
816 Color
Cf. QB829 Color of double stars
817 Radiation. Bolometry
817.5 Magnetic fields
818 Stellar diameters
818.5 Stellar collisions
Including stellar mergers
819 Distribution
Including stellar populations
820 Extrasolar planets
Double and multiple stars. Binary systems
Cf. QB421 Theory
Cf. QB903 Spectroscopy
821 General works, treatises, and textbooks
Including observations, catalogs
823 Particular stars (not A-Z)
829 Colors of double stars
830 X-ray binaries
Variable stars. Algol systems
Cf. QB895 Spectroscopy
833 Periodicals, societies, congresses, serial publications
835 General works, treatises, and textbooks
Including observations, catalogs
835.2 Addresses, essays, lectures
836 Magnitude. Photometric catalogs
837 Particular stars or clusters (not A-Z)
837.5 Cataclysmic variable stars
838 Pulsating stars
841 Temporary or new stars
843.A-Z Other particular types of stars, A-Z
843.A12 A stars
843.A89 Asymptotic giant branch stars
843.B12 B stars
843.B25 Be stars
843.B55 Black holes
843.B57 Blue stragglers
843.B75 Brightest stars
843.B77 Brown dwarfs
843.C6 Cool stars
Coronae Borealis stars R see QB843.R12
843.D44 Delta Scuti stars
843.D85 Dwarf novae
843.D9 Dwarf stars
843.E2 Early stars
843.F55 Flare stars
843.L85 Luminous blue variables
843.M16 M stars

Descriptive astronomy
Stars
Other particular types of stars, A-Z -- Continued

843.M3	Magnetic stars
843.N12	N stars
843.N4	Neutron stars
843.O12	O stars
843.P42	Peculiar stars
843.P8	Pulsars
843.R12	R Coronae Borealis stars
843.R17	R Scuti stars
843.R4	Red dwarfs
843.R42	Red giants
843.R72	RR Lyrae stars
843.S53	Shell stars
843.S85	Subgiant stars
843.S9	Supergiant stars
843.S94	Supermassive stars
843.S95	Supernovae
843.S96	Symbiotic stars
843.T12	T Tauri stars
843.W5	White dwarfs
843.W6	Wolf-Rayet stars
	Clusters and nebulae
	Cf. QB891 Spectroscopy
851	General works, treatises, and textbooks
	Including observations, catalogs
	Clusters
853	General works
853.5	Globular clusters
	Nebulae
855	General works
855.2	Juvenile works
855.5	Planetary nebulae
	Including proto-planetary nebulae
855.55	Gaseous nebulae
	Including Herbig-Haro objects
855.9.A-Z	Individual. By name, A-Z
855.9.C7	Crab Nebula
855.9.H67	Horsehead Nebula
855.9.O75	Orion Nebula
	Galaxies
856	Periodicals, societies, congresses, serial publications
857	General works
857.3	Juvenile works
857.5.A-Z	Special topics, A-Z
857.5.B84	Bulges
	Collisions see QB857.5.M47
857.5.D37	Data processing
857.5.E96	Evolution
857.5.E97	Extragalactic distances
857.5.G7	Gravitational lenses
	Including microlensing
857.5.H34	Halos
857.5.M34	Magnetic fields
857.5.M47	Mergers. Collisions

Descriptive astronomy
Stars
Galaxies
Special topics, A-Z -- Continued
857.5.M67 Motion in the line of sight
Radio galaxies see QB479.55.R34
857.5.S87 Surface brightness
Milky Way galaxy
857.7 General works
857.72 Galactic center
858 Dwarf galaxies
Active galaxies
Including active galactic nuclei
858.3 General works
858.35 BL Lacertae objects
858.4 Elliptical galaxies
858.42 Spiral galaxies
858.5.A-Z Other galaxies. By name, A-Z
858.5.M33 Magellanic Clouds
Clusters of galaxies
858.7 General works
858.8.A-Z Individual. By name, A-Z
858.8.L63 Local Group
Cf. QB857.7+ Milky Way
858.8.V57 Virgo Cluster
860 Quasars
Stellar spectroscopy
870 Periodicals, societies, congresses, serial collections
871 General works, treatises, and textbooks
873 Instruments and apparatus
875 Chemical and physical constitution
881 Classification of stars
Including classed catalogs
883 Study of special types of spectra
Including the spectra of special stars
891 Nebulae and clusters
895 Variables and new stars
901 Motion in the line of sight. Radial velocities
903 Spectroscopic observations on double stars
Cosmogony. Cosmology
Including nebular hypothesis, meteoritic hypothesis, glacial cosmogony
Cf. BD493+ Speculative philosophy
Cf. QB503 Origin of solar system
980 Periodicals, societies, congresses, serial publications
980.5 Dictionaries and encyclopedias
981 General works, treatises, and textbooks
982 Popular works
983 Juvenile works
985 Addresses, essays, lectures
991.A-Z Special topics, A-Z
991.B54 Big bang theory
991.C64 Cosmic background radiation
Including cosmic ripples
991.C65 Cosmic rotation
991.C658 Cosmological constants
991.C66 Cosmological distances

Cosmogony. Cosmology
Special topics, A-Z -- Continued

991.C87	Curvature cosmology
991.C92	Cyclic universe theory
991.E53	End of the universe
991.E94	Expanding universe
991.G73	Great Attractor
991.I54	Inflationary universe
991.L37	Large scale structure
991.N34	Naked singularities
991.P45	Phase transformations
991.Q36	Quantum cosmology
991.S73	Statistical methods
991.T67	Topological defects

	Physics
	Cf. QH505 Biophysics
	Cf. R895+ Medical physics
	Cf. S588.4+ Agricultural physics
1	Periodicals, societies, congresses, serial publications
3	Collected works (nonserial)
5	Dictionaries and encyclopedias
	Communication in physics
5.3	General works
5.35	Information services
5.4	Computer network resources
	Including the Internet
5.45	Physics literature
5.5	Abstracting and indexing
5.52	Language. Authorship
	Philosophy. Methodology
	For relativity physics see QC173.5+
	For unified field theories see QC173.68+
5.56	Periodicals, societies, congresses, serial publications
5.58	Collected works (nonserial)
6	General works, treatises, and textbooks
6.2	Addresses, essays, lectures
6.4.A-Z	Special topics, A-Z
6.4.A27	Absolute, The
6.4.A85	Asian philosophy
6.4.C3	Causality
6.4.C56	Coherent state
6.4.C57	Consciousness
6.4.C58	Constraints
6.4.C6	Continuity. Continuum
6.4.D46	Determinism
	Cf. QC174.17.H4 Heisenberg principle
6.4.D5	Dialectical materialism
6.4.D8	Dualism
6.4.F58	Fluctuations
6.4.I34	Identity (Philosophical concept)
6.4.P37	Paradox
6.4.R42	Reality
6.4.R43	Reductionism
6.8	Nomenclature, terminology, notation, abbreviations
	History
6.9	Periodicals, societies, congresses, serial publications
7	General works
7.5	Addresses, essays, lectures
9.A-Z	By region or country, A-Z
14	Women in physics. Women physicists
	For biography see QC15+
	Biography
15	Collective
16.A-Z	Individual, A-Z
	e.g.
	Curie, Marie and Pierre see QD22.C8
16.E5	Einstein
16.N7	Newton
16.2	Directories
	Early works

	Early works -- Continued
17	1501-1700
19	1701-1800
	Mathematical physics
	For mathematical theory without practical applications see QA401+
	Cf. QC173.96+ Quantum theory
	Cf. TA329+ Engineering mathematics
19.2	Periodicals, societies, congresses, serial publications
19.3	Collected works (nonserial)
	History
19.6	General works
19.7.A-Z	By region or country, A-Z
20	General works, treatises, and textbooks
20.5	Addresses, essays, lectures
20.6	Special aspects of the subject as a whole
20.7.A-Z	Special topics, A-Z
20.7.A34	Adiabatic invariants
20.7.A37	Algebraic geometry
20.7.A4	Algebraic logic
20.7.A5	Analysis
	Cf. QA401+ Analytical methods for physical problems
20.7.A85	Asymptotic theory
20.7.B38	Bayesian statistical decision theory
20.7.B47	Bethe-ansatz technique
20.7.B54	Bifurcation theory
20.7.B58	Bose algebras
20.7.B6	Boundary value problems
20.7.C14	C*-algebras
20.7.C28	Calculus of tensors
20.7.C3	Calculus of variations
20.7.C36	Catastrophes
20.7.C55	Clifford algebras
20.7.C58	Combinatorial analysis
20.7.C6	Correlation
20.7.C63	Coupled problems
20.7.D4	Decomposition method
20.7.D43	Density functionals
20.7.D45	Determinants
20.7.D47	Difference equations
20.7.D5	Differential equations
20.7.D516	Differential games
20.7.D52	Differential geometry
	Including noncommutative differential geometry
20.7.D55	Dimensional analysis
20.7.E4	Electronic data processing
20.7.E48	Embedding theorems
20.7.E88	Evolution equations
	Cf. QA377.3 Differential equations
20.7.F56	Finite element method
20.7.F67	Fourier transformations
20.7.F73	Fractals
20.7.F84	Functional analysis
20.7.F85	Functional integration
20.7.F87	Functions, Special
20.7.G44	Geometry
20.7.G55	Global analysis

Mathematical physics
Special topics, A-Z -- Continued

20.7.G7	Graph theory
20.7.G76	Group theory
	Cf. QC174.17.G7 Group theoretical methods for quantum mechanical problems
20.7.H35	Hamiltonian systems
20.7.H63	Homogeneous spaces
20.7.H65	Homology and cohomology theories
20.7.I33	Idempotents
20.7.I58	Integral equations
20.7.K47	Kernel functions
20.7.K56	Knot polynomials
20.7.L54	Lie algebras. Lie-admissible algebras
20.7.M24	Manifolds
20.7.M27	Mathematical optimization
20.7.M3	Matrix theory
	Cf. QC174.3+ Matrix mechanics
	Cf. QC793.3.M36 Elementary particle physics
20.7.M43	Measure theory
	Cf. QC174.17.M4 Quantum theory
20.7.M53	Microlocal analysis
20.7.M65	Monte Carlo method
20.7.N58	Nonassociative algebras
	Noncommutative differential geometry see QC20.7.D52
20.7.N6	Nonlinear theories
20.7.N86	Numerical analysis
20.7.O65	Operator algebras
20.7.O66	Operator theory
20.7.O75	Orthogonal functions and polynomials
20.7.P23	p-adic analysis
20.7.P3	Padé approximant
20.7.P47	Perturbation
20.7.P67	Potential theory
20.7.P7	Probabilities
20.7.R38	Relational calculus
20.7.R4	Relaxation methods
20.7.R43	Renormalization
20.7.S3	Scattering theory
20.7.S54	Singularities
	Special functions see QC20.7.F87
20.7.S64	Spectral theory
20.7.S645	Spherical harmonics
20.7.S65	Spinor analysis
20.7.S68	Stability
20.7.S73	Standards
20.7.S8	Stochastic processes
	Tensor analysis see QC20.7.C28
20.7.T45	Theory of distributions
20.7.T65	Topology
20.7.T73	Transport theory
20.7.V4	Vector analysis
20.7.W38	Wavelets
20.7.W53	WKB approximation
20.7.Z47	Zeta functions

Study and teaching. Research

20.8	General works

	Mathematical physics
	Study and teaching. Research -- Continued
20.815.A-Z	By region or country, A-Z
20.82	Problems, exercises, examinations
20.85	Handbooks, tables, formulas, etc.
	General works, treatises, and advanced textbooks
21	1801-1969
21.2	1970-2000
21.3	2001-
	Elementary textbooks
23	To 2000
23.2	2001-
24	Pictorial works and atlases
24.5	Popular works
25	Juvenile works
26	Recreations, home experiments, etc.
27	Anecdotes, facetiae, satire, etc.
	Addresses, essays, lectures see QC71
28	Special aspects of the subject as a whole
29	Physics as a profession. Vocational guidance
	Study and teaching. Research
	For programmed texts see QC21+
30	General works
31	Outlines, syllabi
32	Problems, exercises, examinations
33	Experiments
	Cf. QC26 Home experiments
	Laboratory manuals
	Elementary
35	General works
36	Laboratory blanks
37	Advanced
39	Physical measurements (General)
	Including theory and methods
	Cf. QC81+ Weights and measures
	Cf. T50 Technical measurement
39.5	Juvenile works
41	Laboratory technique
	By region or country
	United States
44	General works
45.A-Z	By region or state, A-Z
	Subarrange each state by Table Q7
47.A-Z	Other regions or countries, A-Z
	Subarrange each country by Table Q7
48	Developing countries
	Laboratories
	Cf. QC100.A2+ Standardizing bureaus
	Cf. QC541.A1+ Electric laboratories
51.A1	General works
51.A3-Z	By region or country, A-Z
	Subarrange each country by Table Q6
52	Data processing

Instruments and apparatus (General)
For instruments of special fields, see the field
Cf. QC100.5+ Weights and measures
Cf. QC101+ Instruments for measurement of length, area, weight, etc.
Cf. QC370.5+ Optical instruments
Cf. QC875.5+ Meteorological instruments
53 General works
55 Juvenile works
Museums. Exhibitions
60.A1 General works
60.A2-Z By region or country, A-Z
Subarrange each country by Table Q5
61 Handbooks, tables, formulas, etc.
71 Addresses, essays, lectures
Force and energy (General)
Cf. QC310.15+ Thermodynamics
Philosophy see QA843+
72 History
73 General works, treatises, and textbooks
73.4 Juvenile works
73.6 Study and teaching. Research
73.8.A-Z Special topics, A-Z
73.8.C6 Conservation of energy
73.8.C65 Correlation of forces
73.8.E53 Energy transfer
73.8.M4 Mechanical advantage
73.8.W65 Work
75 Miscellany and curiosa
Weights and measures. Units of measurement
Class here works on the means of expressing quantities of length, area, volume, capacity, and mass (or weight) in terms of standard units. For works on units used in the measurement of other quantities, including velocity, pressure, energy, temperature, see the particular field of application
Cf. BS680.W4 Weights and measures in the Bible
Cf. HF5711+ Tables of weights and measures (Business mathematics)
Cf. QA465 Measurement (Mathematics)
Cf. QB214 Time measuring instruments
Cf. QC535+ Electric measurements
81 Periodicals, societies, congresses, serial publications
For governmental standardizing bureaus, including serial publications issued by them see QC100.A3+
Museums. Exhibitions
81.5.A1 General works
81.5.A2-Z By region or country, A-Z
Subarrange each country by Table Q5
82 Dictionaries and encyclopedias
History
83 General works
84 Ancient
85 Medieval
86 Modern
87 Early works through 1800
88 General works, treatises, and advanced textbooks
Including works with an alphabetical arrangement of countries
89.A-Z By region or country, A-Z
Subarrange each country by Table Q4

Weights and measures -- Continued
90 Elementary textbooks
90.5 Popular works
90.6 Juvenile works
Special systems
Metric system. International system (SI)
Cf. T50.5 Metric system in industry
90.8 Periodicals, societies, congresses, serial publications
91 General works, treatises, and textbooks
92.A-Z By region or country, A-Z
Subarrange each country by Table Q4
92.2 Popular works
92.5 Juvenile works
92.6 Addresses, essays, lectures
93 Study and teaching. Research
94 Conversion tables
International system see QC90.8+
96 Other systems (not A-Z)
97 Study and teaching. Research
99 Miscellany and curiosa
Including pyramid metrology
Standards (General). Governmental standardizing bureaus
100.A2 General works, treatises, and textbooks
100.A3-Z By region or country, A-Z
Measuring instruments (General)
100.5 General works
100.8 Catalogs
Measurement of special quantities
Including instruments used in measurement
Length
101 Standards
102 Measurement and instruments
102.5 Thickness
Including micrometers
103 Angles
Including goniometers
Cf. QA482 Plane geometry
Cf. TA603 Surveying
104 Volume
104.5 Area measurement
Mass and weight
105 Standards
Measurement
Cf. QC172+ Atomic mass
Cf. QC454.M3 Mass spectrometry
106 General works
107 Weighing instruments, balances, scales, etc.
Cf. TS410 Manufactures
Density and specific gravity
111 General works
114 Tables, etc.
Descriptive and experimental mechanics
For theoretical and analytical mechanics see QA801+
Cf. QC71.82+ Force and energy (General)
Cf. QC176+ Solid state physics
Cf. TA349+ Applied mechanics

Descriptive and experimental mechanics -- Continued
120 Periodicals, societies, congresses, serial publications
121 Collected works (nonserial)
121.6 Dictionaries and encyclopedias
121.8 Nomenclature, terminology, notation, abbreviations
History
For general history of mechanics see QA802
122 General works
122.2.A-Z By region or country, A-Z
123 Early works through 1800
General works, treatises, and advanced textbooks
125 1801-1969
125.2 1970-
127 Elementary textbooks
127.3 Popular works
127.4 Juvenile works
127.6 Addresses, essays, lectures
Study and teaching. Research
128 General works
129 Problems, exercises, examinations
129.5 Laboratory manuals
131 Special aspects of the subject as a whole
Dynamics. Motion
Cf. QA843+ Analytic mechanics
Cf. UF820+ Ballistics
133 General works, treatises, and textbooks
133.5 Juvenile works
135 Kinematics
136 Vibrations
Cf. QA865+ Analytic mechanics (Dynamics)
Cf. QA935+ Vibrations of elastic bodies
Cf. QC231 Sound
Cf. TA355 Engineering
137 Inertia
Including Mach's principle
Velocity. Speed
Cf. QC233 Velocity of sound
Cf. QC407 Velocity of light
137.5 General works, treatises, and textbooks
137.52 Juvenile works
Fluids. Fluid mechanics
Including liquids
Cf. QA901+ Analytic mechanics
Cf. TA357+ Applied fluid mechanics
138 Periodicals, societies, congresses, serial publications
139 Dictionaries and encyclopedias
140 Nomenclature, terminology, notation, abbreviations
141 History
142 Early works through 1500
General works, treatises, and textbooks
143 1501-1700
144 1701-1800
145 1801-1969
145.2 1970-
145.24 Juvenile works
145.26 Addresses, essays, lectures

Descriptive and experimental mechanics
Fluids. Fluid mechanics -- Continued

145.28	Study and teaching
145.3	Handbooks, tables, formulas, etc.
145.4.A-Z	Special properties of liquids, A-Z
145.4.A25	Acoustic properties
145.4.C6	Compressibility
145.4.D5	Diffusion
145.4.E45	Electric properties
145.4.E9	Expansion
145.4.M27	Magnetic properties
145.4.O6	Optical properties
145.4.P73	Pressure
145.4.T5	Thermal properties
145.4.V5	Viscosity
145.45.A-Z	Special liquefied gases, A-Z
145.45.A75	Argon
145.45.F5	Fluorine
145.45.H4	Helium
145.45.H9	Hydrogen
145.48.A-Z	Special liquids, A-Z
145.48.P6	Polywater
145.48.S9	Supercooled liquids
	Hydrostatics. Floating bodies
	Cf. QC183 Surface tension
	Cf. TC165+ Technical hydraulics
	Cf. TJ836+ Fluid power technology
145.5	Periodicals, societies, congresses, serial publications
145.7	Collected works (nonserial)
145.8	Dictionaries and encyclopedias
145.9	Nomenclature, terminology, notation, abbreviations
147	General works, treatises, and textbooks
147.5	Juvenile works
148	Addresses, essays, lectures
	Study and teaching. Research
148.2	General works
148.24	Laboratory manuals
148.4	Instruments and apparatus
	Including hydrometers, flowmeters
	Fluid dynamics. Hydrodynamics
	Cf. QA911+ Analytic mechanics
	Cf. TC171+ Technical hydraulics
	Cf. TJ266+ Turbine engineering
	Cf. TP156.F6 Chemical engineering
150	Periodicals, societies, congresses, serial publications
151	General works, treatises, and textbooks
151.2	Juvenile works
151.5	Addresses, essays, lectures
151.7	Special aspects of the subject as a whole
152	Incompressible fluids
152.5	Compressible fluids
153	Nonhomogeneous fluids
154	Viscous fluids
	Cf. QA929 Analytic mechanics
	Cf. QC189.5+ Rheology, Non-Newtonian fluids
155	Flows in porous media

Descriptive and experimental mechanics
Fluids. Fluid mechanics
Fluid dynamics. Hydrodynamics -- Continued
155.5 Flows in viscous media
155.7 Flows in continuous media
Cf. QA808.2 Analytic mechanics
156 Drops. Splashes
Cf. QC183 Capillarity
Cf. TP159.A85 Atomizers
Quantum and relativistic hydrodynamics see QA912
Magnetohydrodynamics (Analytic mechanics) see QA920
Magnetohydrodynamics (Plasma physics) see QC718.5.M36
157 Waves
Cf. QA927 Analytic mechanics
Cf. QC718.5.W3 Plasma physics
158 Jets and cavities
159 Vortex flows
Cf. QA925 Analytic mechanics
Liquids see QC138+
Gases. Pneumatics
Including air
Cf. QD531 Manipulation of gases, etc.
Cf. QD535 Liquefaction of gases
161 General works, treatises and textbooks
161.2 Juvenile works
161.5 Handbooks, tables, formulas, etc.
Special properties of gases
162 Adsorption and absorption
Including occlusion
163 Compressibility
163.5 Diffusion
164 Expansion
164.5 High temperatures
Occlusion see QC162
165 Pressure
Including manometers, etc.
165.3 Optical properties
165.5 Thermal properties
Vacuum
Including vacuum production, etc.
Cf. TJ940+ Vacuum technology
166 General works
166.5 Ultrahigh vacuum
167 Viscosity
Gas dynamics. Motion of gases
Including thermodynamic aspects
Cf. QA930 Analytic mechanics
Cf. QC717+ Ion flow dynamics
Cf. TJ1025+ Mechanical engineering
Cf. TL570+ Aerodynamics
167.5 Periodicals, societies, congresses, serial publications
168 General works, treatises, and textbooks
168.2 Addresses, essays, lectures
Study and teaching. Research
168.4 General works
168.6 Problems, exercises, etc.

Descriptive and experimental mechanics
Fluids. Fluid mechanics
Gas dynamics. Motion of gases -- Continued
168.7 Technique
168.8 Handbooks, tables, formulas, etc.
168.85.A-Z Special topics, A-Z
168.85.D46 Detonation waves
168.85.M53 Migration
168.85.R45 Relaxation
168.85.S45 Shock waves
168.86 Rarefied gas dynamics
Atomic physics. Constitution and properties of matter
Including molecular physics
Cf. QC770+ Nuclear physics
Cf. QD450+ Physical chemistry
Cf. TA401+ Materials of engineering and construction
170 Periodicals, societies, congresses, serial publications
General works, treatises, and textbooks
171 Through 1969
171.2 1970-
Constitution of matter and antimatter (General)
Cf. QC671 Aberration
Cf. QC793+ Elementary particle physics
172 Periodicals, societies, congresses, serial publications
172.2 Collected works (nonserial)
173 General works, treatises, and textbooks
173.16 Juvenile works
173.18 Addresses, essays, lectures
173.25 Study and teaching. Research
Properties of matter and antimatter (General)
Cf. QC182+ Special properties of matter and antimatter
173.28 Periodicals, societies, congresses, serial publications
173.3 General works, treatises, and textbooks
173.36 Juvenile works
173.38 Addresses, essays, lectures
173.39 Special aspects of the subject as a whole
173.397 Handbooks, tables, formulas, etc.
173.4.A-Z Special topics, A-Z
173.4.A82 Atom cooling
173.4.A85 Atomic beams
Atomic clusters see QC173.4.M48
173.4.A87 Atomic structure
Clusters, Atomic see QC173.4.M48
173.4.C63 Composite materials
(173.4.C65) Condensed matter
see QC173.45+
173.4.C74 Critical phenomena
173.4.E65 Equations of state
173.4.G53 Glass
173.4.H95 Hyperfine structure
173.4.I53 Inhomogeneous materials
173.4.I57 Interfaces
173.4.L55 Liquid crystals
Cf. QD923 Crystallography
173.4.L56 Liquid metals
Cf. TA463 Engineering

Atomic physics. Constitution and properties of matter
Properties of matter and antimatter (General)
Special topics, A-Z -- Continued

173.4.M48	Microclusters
	Including atomic clusters and molecular clusters
	Cf. QC793.3.S8 Nuclear cluster theory
173.4.M5	Microphysics
173.4.M65	Molecular beams
	Molecular clusters see QC173.4.M48
173.4.M67	Momentum distributions
173.4.M85	Multiple scattering
173.4.O73	Order-disorder models
173.4.P64	Polarizibility
173.4.P65	Polymers
	Class here works on physical properties
	For general works on chemical and physical properties see QD380+
173.4.P67	Porous materials
173.4.Q36	Quasicrystals
	Cf. QD926 Crystallography
173.4.Q37	Quasimolecules
173.4.R44	Relaxation phenomena
173.4.S94	Surfaces
173.4.T48	Thomas-Fermi theory
	Condensed matter physics
173.45	Periodicals, societies, congresses, serial publications
173.452	Directories
173.454	General works, treatises, and advanced textbooks
173.456	Study and teaching. Research
173.457.A-Z	Special methods, A-Z
173.457.C64	Computer simulation
173.457.S7	Statistical methods
173.458.A-Z	Special topics, A-Z
173.458.C78	Crystalline interfaces
173.458.D43	Defects
173.458.E43	Electric properties
173.458.E53	Energy dissipation
173.458.F72	Fractals
173.458.M33	Magnetic properties
173.458.M38	Mathematics
173.458.O66	Optical properties
173.458.R33	Radiation effects
173.458.S62	Soft condensed matter
173.458.S64	Spectra
173.458.S75	Structure
173.458.S87	Surfaces
173.458.T48	Thermal properties
173.458.U54	Universalities
	Relativity physics
	Cf. QA808.5 Relativistic mechanics
	Cf. QC175.3+ Kinetic theory of liquids
173.5	Periodicals, societies, congresses, serial publications
173.51	Collected works (nonserial)
173.52	History
173.55	General works, treatises, and textbooks
173.57	Popular works
173.575	Juvenile works

Atomic physics. Constitution and properties of matter
Relativity physics -- Continued
173.58 Addresses, essays, lectures
173.585 Special aspects of the subject as a whole
Including criticism of relativity
173.59.A-Z Special topics, A-Z
173.59.E68 Equations of motion
173.59.G44 Geometrodynamics
173.59.M3 Mathematical methods
173.59.S56 Simultaneity
173.59.S65 Space and time
173.59.T5 Time dilatation
173.59.T53 Time reversal
Special types of relativity theories
173.6 General
173.65 Special
Field theories. Unified field theories
Cf. QA808.2 Continuum mechanics
Cf. QC174.45+ Quantum field theory
Cf. QC178 Theories of gravitation
Cf. QC793.3.F5 Elementary particle physics
173.68 Periodicals, societies, congresses, serial publications
173.7 General works, treatises, and textbooks
173.72 Addresses, essays, lectures
173.75.A-Z Special topics, A-Z
173.75.T5 Thermodynamics
173.75.T85 Twistor theory
Quantum theory. Quantum mechanics
Cf. QB991.Q36 Cosmology
Cf. QC446.15+ Quantum optics
173.96 Periodicals, societies, congresses, serial publications
173.97 Collected works (nonserial)
173.975 Dictionaries and encyclopedias
173.98 History
174 Early works through 1926
Class here works on quantum theory prior to the Bohr atom
174.12 General works, treatises, and textbooks
Class here works on quantum theory after 1926
174.123 Popular works
174.125 Addresses, essays, lectures
174.13 Special aspects of the subject as a whole
Study and teaching. Research
174.14 General works
174.15 Problems, exercises, examinations
174.17.A-Z Special topics, A-Z
174.17.A53 Angular momentum
174.17.A66 Approximation theory
Bayesianism, Quantum see QC174.17.Q29
174.17.B45 Bell's theorem
174.17.B6 Bound states
174.17.C45 Chaos
174.17.C6 Commutation relations
174.17.C63 Complementarity
Constant curvature, Spaces of see QC174.17.S63
174.17.C65 Correspondence principle
174.17.C67 Coulomb potential

Atomic physics. Constitution and properties of matter
Quantum theory. Quantum mechanics
Special topics, A-Z -- Continued

	Curvature, Spaces of constant see QC174.17.S63
174.17.D37	Data processing
174.17.D44	Density matrices
174.17.D54	Differential equations, Partial
174.17.E58	Entanglement
174.17.F3	Factorization method
	Few-body problem see QC174.17.P7
174.17.F45	Feynman integrals
174.17.F54	Finite element method
174.17.F86	Functionals
174.17.G46	Geometric quantization
174.17.G5	Gibbs' paradox
174.17.G56	Gleason measures
174.17.G57	Global analysis
174.17.G68	Green's functions
174.17.G7	Group theory
	Cf. QA174+ Algebra
174.17.H3	Hamiltonian operator
174.17.H4	Heisenberg principle
	Cf. QC6.4.D46 Determinism
174.17.H55	Hilbert space
174.17.I58	Integral equations
174.17.I76	Irreversible processes
	Cf. QC318.I7 Thermodynamics
	Many-body problem see QC174.17.P7
174.17.M33	Markov processes
174.17.M35	Mathematical logic. Quantum logic
174.17.M4	Measure theory. Quantum measure theory
174.17.O63	Operator theory
	Partial differential equations see QC174.17.D54
174.17.P27	Path integrals
174.17.P3	Pauli exclusion principle
174.17.P45	Perturbation
174.17.P68	Probabilities
174.17.P7	Problem of many bodies
	Including few-body problem
174.17.Q29	Quantum Bayesianism
	Quantum computers see QA76.889
174.17.Q33	Quantum interference
	Quantum logic see QC174.17.M35
174.17.Q35	Quantum maps
	Quantum measure theory see QC174.17.M4
174.17.Q38	Quantum teleportation
174.17.Q385	Quantum trajectories
174.17.R32	Racah algebra
174.17.R37	Rate processes
174.17.R46	Renormalization theory
174.17.R65	Rotation groups
174.17.S3	Schrödinger operator
174.17.S32	Schwinger action principle
174.17.S36	Semigroups
174.17.S6	Sommerfeld polynomial method
174.17.S63	Spaces of constant curvature

Atomic physics. Constitution and properties of matter
Quantum theory. Quantum mechanics
Special topics, A-Z -- Continued

174.17.S76	Stochastic processes
174.17.S77	Sum rules
	Supergravity see QC174.17.S9
174.17.S78	Superposition
174.17.S9	Symmetry. Invariance
	Including supergravity
	Cf. QC793.3.S9 Elementary particle physics
174.17.T67	Transactional interpretation
	Teleportation see QC174.17.Q38
174.17.T7	Transformations
174.17.V35	Variational principles
174.17.V4	Vector analysis
	Wave mechanics
	Cf. QC793.3.W3 Elementary particle physics
174.2.A1	Periodicals, societies, congresses, serial publications
174.2.A2	Collected works (nonserial)
174.2.A6-Z	General works, treatises, and textbooks
174.22	Addresses, essays, lectures
174.23	Special aspects of the subject as a whole
174.24.A-Z	Special types of wave mechanics, A-Z
174.24.G4	Geometrical
174.24.N6	Nonlinear
174.24.N64	Nonrelativistic
174.24.R4	Relativistic
174.26.A-Z	Special topics, A-Z
	Atomic and molecular orbitals see QD461
174.26.A8	Atomic transition probabilities
174.26.B58	Bivectors
	Spinor analysis see QA433
174.26.W28	Wave equations
	Including solitons
174.26.W3	Wave functions
	Matrix mechanics
	Cf. QC793.3.M36 Elementary particle physics
174.3.A1	Periodicals, societies, congresses, serial publications
174.3.A6-Z	General works, treatises, and textbooks
174.32	Handbooks, tables, formulas, etc.
174.35.A-Z	Special theories, A-Z
174.35.R2	R-matrix theory
174.35.S2	S-matrix theory
	Quantum statistics
	Cf. QC793.3.S77 Statistical mechanics of elementary particles
174.4.A1	Periodicals, societies, congresses, serial publications
174.4.A2	Collected works (nonserial)
174.4.A6-Z	General works, treatises, and textbooks
174.42	Addresses, essays, lectures
174.43	Special aspects of the subject as a whole
	Quantum field theory
	Cf. QC679+ Quantum electrodynamics
	Cf. QC793.3.M36 Matrix theories of elementary particles
174.45.A1	Periodicals, societies, congresses, serial publications
174.45.A2	Collected works (nonserial)
174.45.A6-Z	General works, treatises, and textbooks

Atomic physics. Constitution and properties of matter
Quantum theory. Quantum mechanics
Quantum field theory -- Continued
174.46 Addresses, essays, lectures
174.52.A-Z Special topics, A-Z
174.52.A43 Algebra of currents
Cf. QC793.3.A4 Elementary particle physics
174.52.C66 Conformal invariants
174.52.D43 Degree of freedom
174.52.F8 Functional analysis
174.52.K56 Knot theory
174.52.L6 Lorentz transformations
174.52.O6 Operator theory
174.52.P37 Path integrals
174.52.S32 Scattering
174.52.S94 Symplectic manifolds
174.52.V33 Vacuum
174.52.Y36 Yang-Baxter equation
174.52.Y37 Yang-Mills theory
174.52.Z47 Zero-point field
Statistical physics
Including statistical mechanics and dynamics
Cf. QC311.5 Statistical thermodynamics
Cf. QC793.3.S77 Elementary particle physics
174.7 Periodicals, societies, congresses, serial publications
174.8 General works, treatises, and textbooks
174.82 Addresses, essays, lectures
174.84 Special aspects of the subject as a whole
Study and teaching. Research
174.842 General works
174.844 Problems, exercises, examinations
174.85.A-Z Special topics, A-Z
174.85.E88 Estimation theory
174.85.F47 Fermi liquid theory
174.85.H35 Hamiltonian systems
174.85.I8 Ising model
174.85.L38 Lattice theory
174.85.M43 Mean field theory
174.85.M64 Monte Carlo method
174.85.O6 Open systems
Cf. QC318.O63 Thermodynamics
174.85.P45 Percolation
174.85.P48 Phase space
Phase transformations see QC175.16.P5
174.85.P76 Probabilities
174.85.Q83 Quantum entropy
Cf. QC318.E57 Entropy (Thermodynamics)
174.85.R36 Random fields
174.85.R364 Random matrices
174.85.R37 Random walks
174.85.S34 Scaling
174.85.S46 Set theory
174.85.W85 Wulff construction
174.86.A-Z Special types of statistical mechanics, A-Z
174.86.C6 Classical
174.86.N65 Nonequilibrium

Atomic physics. Constitution and properties of matter
Statistical physics -- Continued
174.9 Kinetic theory of matter
Kinetic theory of gases
Cf. QC702.5 Ionized gases
175.A1 Periodicals, societies, congresses, serial publications
175.A6-Z General works, treatises, and textbooks
175.13 Special aspects of the subject as a whole
175.15 Study and teaching. Research
175.16.A-Z Special topics, A-Z
175.16.B6 Boltzmann's distribution law
175.16.B65 Bose-Einstein gas
175.16.C6 Condensed gases
175.16.E6 Electron gas
Joule-Thomson effect see QC318.J6
175.16.M6 Molecules
175.16.P5 Phase transformations
175.16.R3 Rarefied gases
Transport theory
Cf. QC176.8.E9 Excitons
Cf. QC793.3.T7 Transport theory of elementary particles
Cf. QC809.E6 Energy budget (Geophysics)
175.2.A1 Periodicals, societies, congresses, serial publications
175.2.A6-Z General works, treatises, and textbooks
175.23 Addresses, essays, lectures
175.25.A-Z Special topics, A-Z
175.25.C6 Collision integrals
175.25.I6 Invariant imbedding
175.25.L5 Linear transport theory
175.25.R3 Radiative transfer
175.25.S4 Second sound
175.25.S8 Stochastic processes
Kinetic theory of liquids
175.3 General works, treatises, and textbooks
175.32 Addresses, essays, lectures
175.35 Special aspects of the subject as a whole
175.36.A-Z Special topics, A-Z
175.36.R4 Relativity
Superfluid physics
Cf. QC611.9+ Superconductivity
175.4.A1 Periodicals, societies, congresses, serial publications
175.4.A6-Z General works, treatises, and textbooks
175.45 Addresses, essays, lectures
175.47.A-Z Special topics, A-Z
175.47.B65 Bose-Einstein condensation
Solids. Solid state physics
Class here works on solids, including works that also deal in part with crystals.
For works that deal exclusively with crystals see QD901+
Cf. QD478 Solid state chemistry
Cf. TN689+ Physical metallurgy
176.A1 Periodicals, societies, congresses, serial publications
176.A3 Dictionaries and encyclopedias
176.A6-Z General works, treatises, and textbooks
176.2 Addresses, essays, lectures
176.3 Juvenile works
Study and teaching. Research

Atomic physics. Constitution and properties of matter
Solids. Solid state physics
Study and teaching. Research -- Continued

176.5	General works
176.515	Problems, exercises, examinations
176.52.A-Z	By region or country, A-Z
176.8.A-Z	Special topics, A-Z
176.8.A3	Acoustic properties
	Cf. TA418.84 Engineering materials
176.8.A35	Adhesion
176.8.A44	Amorphous substances
176.8.A54	Anderson model
176.8.A6	Annealing
176.8.C45	Channeling
176.8.C6	Compressibility
176.8.D44	Defects
176.8.D5	Diffusion
	Elastic properties see QC191
176.8.E35	Electric properties
176.8.E4	Electronic states
176.8.E9	Excitons
176.8.E94	Expansion
176.8.F4	Fermi surface
176.8.F74	Free electron theory of metals
	Hole burning, Optical see QC176.8.O58
176.8.H66	Hopping conduction
176.8.L3	Lattice dynamics
	Cf. QD921+ Crystal structure
176.8.M3	Magnetic properties
176.8.M34	Magnetron sputtering
176.8.M46	Mesoscopic phenomena
176.8.M48	Metal-insulator transitions
176.8.M5	Micromechanics
176.8.N35	Nanostructures
	Noncrystalline solids see QC176.8.A44
176.8.N65	Nonmetallic solids
176.8.O58	Optical hole burning
176.8.O6	Optical properties
176.8.P45	Phase transformations
176.8.P5	Phonons
176.8.P54	Plasma effects
176.8.P55	Plasmons
176.8.P6	Polaritons
176.8.P62	Polarons
176.8.Q35	Quantum wells
176.8.R3	Radiation effects
176.8.R35	Rare gas solids
176.8.S68	Spin glasses
176.8.S72	Sputtering
	Sputtering, Magnetron see QC176.8.M34
176.8.S8	Surface properties
	Cf. QD506+ Surface chemistry
	Cf. TA418.7+ Surface technology
176.8.T4	Thermal properties
	Cf. QC295 Specific heat
	Cf. TA418.52+ Engineering materials

Atomic physics. Constitution and properties of matter
Solids. Solid state physics
Special topics, A-Z -- Continued
176.8.T8 Tunneling
176.8.V34 Valence fluctuations
176.8.W3 Wave propagation
Thin films
176.82 Periodicals, societies, congresses, serial publications
176.825 Collected works (nonserial)
176.83 General works, treatises, and textbooks
176.835 Addresses, essays, lectures
176.84.A-Z Special topics, A-Z
176.84.D54 Diffusion
176.84.E5 Electric properties
176.84.M3 Magnetic properties
176.84.O7 Optical properties
176.84.R3 Radiation effects
176.84.S49 Size effects
176.84.S93 Surface properties
176.9.A-Z Special thin film substances and types, A-Z
176.9.M84 Multilayered
176.9.N64 Nonmetallic
176.9.O73 Organic
176.9.P64 Polycrystalline
176.9.R37 Rare earths
176.95.A-Z Special substances, A-Z
176.95.I25 Ice
Cf. QC926.3+ Snow
177 Theories of ether
178 Theories of gravitation
Including antigravity, quantum gravity
179 Gravitational waves. Gravitational radiation
Special properties of matter and antimatter
182 Absorption and adsorption
Cf. QC162 Adsorption and absorption of gases
183 Capillarity
Including surface tension, cohesion
Cf. QA274.75 Brownian motion processes
Cf. QC156 Drops. Splashes
Cf. QD506+ Surface chemistry
184 Brownian motion
185 Diffusion. Transpiration
Cf. QA274.75 Diffusion processes
Cf. QC145.4.D5 Diffusion in liquids
Cf. QC163.5 Diffusion in gases
Cf. QC176.8.D5 Diffusion in solids
Osmosis (Cytology) see QH615
Osmosis (Physical chemistry) see QD543
Osmosis (Plant physiology) see QK871
Viscosity
Cf. QC145.4.V5 Viscosity of liquids
Cf. QC167 Viscosity of gases
189.A1 Periodicals, societies, congresses, serial publications
189.A2 Collected works (nonserial)
189.A6-Z General works, treatises, and textbooks
189.2 Handbooks, tables, formulas, etc.

Atomic physics. Constitution and properties of matter
Special properties of matter and antimatter -- Continued
Rheology
Including non-Newtonian liquids
Cf. QA931+ Plasticity (Analytic mechanics)
Cf. TA418.14+ Plastic properties of materials
Cf. TP156.R45 Chemical engineering
189.5.A1 Periodicals, societies, congresses, serial publications
189.5.A2 Collected works (nonserial)
189.5.A6-Z General works, treatises, and textbooks
189.55.A-Z Special topics, A-Z
189.55.S58 Slit die rheometers
189.8 Thixotropy
191 Elastic properties of solids
Cf. QA931+ Analytic mechanics
Cf. QD933 Crystallography
Cf. TA418+ Mechanical properties of materials
191.5.A-Z Particular solids and special topics, A-Z
191.5.M48 Metals
191.5.S67 Springback
192 Thermal properties
193 Deformation
197 Friction, etc.
Cf. TA418.72 Friction properties of materials
Sound, light, and heat as a whole
220 General works
220.5 Acoustooptics
Acoustics. Sound
Cf. ML3805 Music acoustics
Cf. NA2800 Architectural acoustics
Cf. QC176.8.A3 Acoustical properties of solids
Cf. QP460+ Bioacoustics
Cf. TA365+ Acoustics in engineering
Cf. TA418.84 Acoustical properties of materials
Cf. TH1725 Soundproof construction
Cf. TK5981+ Electroacoustics
221 Periodicals, societies, congresses, serial publications
221.5 Dictionaries and encyclopedias
221.7 History
222 Early works through 1800
223 Mathematical theory
General works, treatises, and advanced textbooks
225 1801-1969
225.15 1970-
225.2 Elementary textbooks
225.3 Popular works
225.5 Juvenile works
225.6 Addresses, essays, lectures
225.7 Special aspects of the subject as a whole
Study and teaching. Research
226 General works
226.6 Experiments
227 Laboratory manuals
Laboratories
228.A1 General works

Acoustics. Sound
Laboratories -- Continued
228.A3-Z By region or country, A-Z
Subarrange each country by Table Q6
228.2 Technique
228.3 Instruments and apparatus
228.8 Handbooks, tables, formulas, etc.
229 Miscellany and curiosa
Special topics
231 Kinematics of vibrations and wave motion
233 Propagation of sound
Including velocity, reflection, transmission
Vibrations
235 Gases in tubes, etc. Resonance
241 Strings, rods, membranes, plates, tuning forks
Underwater acoustics
Cf. TK5103.52 Acoustical telecommunication systems
242 Periodicals, societies, congresses, serial publications
242.2 General works, treatises, and textbooks
242.25 Addresses, essays, lectures
242.4 Instruments and apparatus
Cf. TK5987 Hydrophone design and construction
242.5.A-Z Special topics, A-Z
242.5.O23 Ocean tomography
Sound waves
Cf. TD894 Noise measurement
242.8 Periodicals, societies, congresses, serial publications
243 General works, treatises, and textbooks
243.2 Juvenile works
243.3.A-Z Special topics, A-Z
243.3.A24 Acoustic localization
243.3.A25 Acoustic streaming
243.3.A4 Amplitude
243.3.D3 Damping
243.3.D53 Diffraction
243.3.E5 Energy
243.3.P7 Pressure of sound
243.3.R3 Radiation pressure
243.3.R4 Reverberation. Reverberation time
Cf. NA2800 Architectural acoustics
243.3.S3 Scattering
Transmission see QC233
243.5 Infrasonics
244 Ultrasonics
Cf. QC480.2 Sonoluminescence
Cf. TA417.4 Ultrasonic testing
244.2 Nonlinear acoustics
244.5 Acoustic holography
246 Analysis of sounds. By phonograph, etc.
For acoustic phonetics see P221.5
Heat
For thermal properties of solids see QC176.8.T4
Cf. QC220+ Sound, light, and heat as a whole
251 Periodicals, societies, congresses, serial publications
251.4 Collected works (nonserial)
251.6 Dictionaries and encyclopedias

Heat -- Continued
252 History and philosophy
252.2 Nomenclature, terminology, notation, abbreviations
253 Early works through 1800
General works, treatises, and advanced textbooks
254 1801-1969
254.2 1970-
255 Elementary textbooks
256 Juvenile works
257 Addresses, essays, lectures
Study and teaching. Research
For programmed texts see QC254+
261 General works
261.5 Problems, exercises, examinations
263 Experiments
263.5 Laboratory manuals
265 Technique
266 Handbooks, tables, formulas, etc.
267 Miscellany and curiosa
Thermometers. Thermometry
Including temperature measurements and temperature measuring instruments
Cf. GC177 Oceanographic instruments
270 Periodicals, societies, congresses, serial publications
270.5 Collected works (nonserial)
270.7 Dictionaries and encyclopedias
271 General works, treatises, and textbooks
271.4 Juvenile works
271.5 Addresses, essays, lectures
271.6 Special aspects of the subject as a whole
271.8.A-Z Special aspects of instrumentation, A-Z
271.8.A95 Automatic control
271.8.C3 Calibration
271.8.T4 Testing
Special types of thermometers
272 Mercury and other liquids
273 Air and gases
274 Electrical. Resistance thermometers. Thermocouples
275.A-Z Other, A-Z
High temperatures
276 General works
277 Pyrometers and pyrometry
Low temperatures
Cf. QD536 Thermochemistry
Cf. TP480+ Low temperature engineering
277.9 Periodicals, societies, congresses, serial publications
278 General works, treatises, and textbooks
278.2 Juvenile works
278.4 Addresses, essays, lectures
278.6 Instruments and apparatus
High pressure
280 Periodicals, societies, congresses, serial collections
280.2 General works, treatises, and textbooks
280.4 Study and teaching. Research
280.6 Technique
280.8 Instruments and apparatus
Relations between pressure, volume, and temperature

Heat
Relations between pressure, volume, and temperature -- Continued
281 General works
281.5.A-Z Special topics, A-Z
281.5.C6 Compressibility
281.5.E9 Expansion
(282) Solids
see QC176+
(284) Liquids
see QC138+
(286) Gases
see QC161+
Calorimeters and calorimetry
Cf. QD510+ Thermochemistry
Cf. TP315+ Fuel (Chemical technology)
290 Periodicals, societies, congresses, serial publications
291 General works, treatises, and textbooks
292 Addresses, essays, lectures
293.A-Z Special types of calorimeters, A-Z
293.A3 Adiabatic
293.F5 Fluid
293.F8 Fuel
293.G3 Gas
293.M5 Microcalorimeter
293.R3 Radiation
293.V3 Vacuum
295 Specific heat of solids and liquids
297 Specific heat of gases and vapors
Change of state
301 General works, treatises, and textbooks
303 Fusion and solidification. Heat of fusion
304 Saturated vapors. Vapor pressure. Evaporation. Ebullition. Heat of vaporization
Cf. QC915.5+ Meteorology
Cf. QD533 Vapor densities
Cf. QD535 Liquefaction of gases
307 Continuity of state. Critical state. Critical point. Equations of state
309 Vaporization of solids. Sublimation
310 Heat of formation, solution, wetting, etc.
Cf. QD516 Thermochemistry
Thermodynamics
Cf. QC718.5.T5 Plasma physics
Cf. QD510+ Chemical thermodynamics
Cf. TJ255+ Heat engines. Engineering thermodynamics
Cf. TN689+ Metallurgical thermodynamics
310.15 Periodicals, societies, congresses, serial publications
310.2 Collected works (nonserial)
310.3 Dictionaries and encyclopedias
310.5 Nomenclature, terminology, notation, abbreviations
311 General works, treatises, and advanced textbooks
311.15 Elementary textbooks
311.19 Addresses, essays, lectures
311.2 Special aspects of the subject as a whole
Study and teaching. Research
311.25 General works
311.28 Problems, exercises, examinations
311.29 Data processing

Heat
Thermodynamics -- Continued
311.3 Handbooks, tables, formulas, etc.
Special types of thermodynamics
311.5 Statistical
311.7 Relativistic
312 Mechanical equivalent of heat
318.A-Z Other special topics, A-Z
318.E55 Enthalpy
318.E57 Entropy
Cf. QC174.85.Q83 Quantum entropy
Equilibrium thermodynamics see QC318.T47
Force and energy see QC71.82+
Gases see QC167.5+
318.I7 Irreversible processes
Including nonequilibrium thermodynamics
Cf. QC174.17.I76 Quantum theory
318.J6 Joule-Thomson effect
Low temperatures see QC277.9+
318.M3 Mass transfer
318.M35 Maxwell's demon
Nonequilibrium thermodynamics see QC318.I7
318.O63 Open systems
318.P6 Planck radiation law
318.T47 Thermodynamic equilibrium
318.T5 Thermodynamic potentials
319 Miscellany and curiosa
Heat transfer
319.8 Periodicals, societies, congresses, serial publications
319.9 Collected works (nonserial)
320 General works, treatises, and textbooks
320.14 Juvenile works
320.16 Addresses, essays, lectures
320.2 Special aspects of the subject as a whole
320.22.A-Z Special topics, A-Z
320.22.E4 Electromechanical analogies
320.22.E43 Electronic data processing
320.22.F5 Film boiling
320.22.F56 Finite element method
Study and teaching. Research
320.3 General works
320.34 Problems, exercises, examinations
320.36 Experiments
320.38 Instruments and apparatus
320.4 Handbooks, tables, formulas, etc.
Conduction
320.8 Periodicals, societies, congresses, serial publications
321 General works, treatises, and textbooks
321.3 Juvenile works
321.5 Addresses, essays, lectures
321.6 Special aspects of the subject as a whole
321.7.A-Z Special topics, A-Z
321.7.E4 Electromechanical analogies
321.7.T55 Thermal diffusivity
323 Experiments

Heat
Heat transfer -- Continued
Convection
Cf. TH7435+ Heating of buildings
326 Periodicals, societies, congresses, serial publications
327 General works, treatises, and textbooks
327.4 Handbooks, manuals, etc.
328 Addresses, essays, lectures
330 Free convection
330.2 Bénard cells
Radiation and absorption. Laws of cooling
331 General works
Instruments
338 General works, treatises, and textbooks
338.5.A-Z Special, A-Z
338.5.B6 Bolometers
338.5.P95 Pyroelectric detectors
338.5.R3 Radiometers
338.5.R33 Radiomicrometers
Thermopiles see QC274
Optics. Light
Cf. QC220+ Sound, light, and heat as a whole
Cf. QC494+ Color
Cf. QP474+ Physiological optics
Cf. TA1501+ Applied optics. Lasers
350 Periodicals, societies, congresses, serial publications
351 Collected works (nonserial)
351.2 Dictionaries and encyclopedias
351.5 Nomenclature, terminology, notation, abbreviations
352 History
Biography
352.4 Collective
352.5.A-Z Individual, A-Z
353 Early works through 1800
General works, treatises, and advanced textbooks
355 1801-1969
355.2 1970-2000
355.3 2001-
358 Elementary textbooks
358.5 Popular works
360 Juvenile works
361 Addresses, essays, lectures
362 Pictorial works and atlases
Study and teaching. Research
363 General works
363.2 Outlines, syllabi
363.4 Problems, exercises, examinations
365 Experiments
366 Laboratory manuals
Optical measurements
367 General works
367.3.A-Z Special topics, A-Z
367.3.D46 Densitometry
367.3.I58 Interferometry
367.3.L37 Laser interferometry
367.3.L38 Laser velocimetry

Optics. Light
Optical measurements
Special topics, A-Z -- Continued
367.3.P37 Particle dynamics analysis
367.3.P65 Polarimetry
367.3.S64 Speckle metrology
367.3.V45 Velocimetry
368 Optical constants
369 Handbooks, tables, formulas, etc.
369.2 Miscellany and curiosa
370 Information theory in optics
Optical instruments and apparatus (General)
Cf. QC385+ Lens and mirror systems
Cf. QC787.O6 Nuclear fission, atomic energy, and radioactivity instruments
Cf. TS510+ Optical instrument manufacture
370.5 Periodicals, societies, congresses, serial publications
370.6 Collected works (nonserial)
370.7 Dictionaries and encyclopedias
371 General works, treatises, and textbooks
371.4 Juvenile works
371.5 Addresses, essays, lectures
372 Special aspects of the subject as a whole
372.2.A-Z Special topics, A-Z
372.2.D4 Design
Study and teaching. Research
372.22 General works
372.24 Laboratory manuals
372.6 Handbooks, tables, formulas, etc.
373.A-Z Special instruments, A-Z
373.B3 Beam splitters
373.B55 Binoculars. Field glasses
373.C64 Collimators
Diffraction gratings see QC417
Field glasses see QC373.B55
Hand lenses see QC373.M33
373.H5 Heliostat
Interference microscopes see QH212.I5
373.K3 Kaleidoscopes
373.L5 Light filters
373.M33 Magnifying glasses. Hand lenss
Mass spectrometers see QC454.M3
Microscopes see QH211+
373.O59 Optical detectors
373.P7 Polariscope
Polarizing apparatus see QH217
373.Q2 Q-switching
Reflectometer see QC425.4
Refractometers see QC426.4
373.R4 Reticles
Scanning systems see TK7882.S3
373.S3 Schlieren apparatus
Including schlieren methods
373.S7 Spectrograph. Spectrometer
373.S8 Stereoscope
373.S85 Stroboscopes
Telemeter see TK399

Optics. Light
Optical instruments and apparatus (General)
Special instruments, A-Z -- Continued
Telescopes see QB88+
Materials for optical instruments, etc.
374 General works
374.5 Diamond
375 Glass
376 Quartz
378 Thin films
378.5 Transparent ceramics
379 Miscellany and curiosa
Geometrical optics
Cf. QC974.5+ Meteorological optics
Cf. TA1659.5+ Micro-optics
Cf. TR220 Photographic optics
380 Early works through 1800
381 General works, treatises, and advanced textbooks
381.2 Elementary textbooks
381.4 Popular works
381.6 Juvenile works
Study and teaching. Research
382 General works
382.2 Problems, exercises, examinations
382.6 Laboratory manuals
383 Mathematical theory
Lens and mirror systems
Cf. QB88+ Astronomical instruments
Cf. RE961 Ophthalmology
Cf. TC379 Lighthouse lenses
Cf. TP867 Mirrors and mirror frames
Cf. TR270+ Camera lenses
Cf. TS517.3+ Manufacture of optical surfaces
385 General works
385.2.A-Z Special topics, A-Z
385.2.D47 Design
Cf. QC372.2.D4 Optical instrument design
385.5 Experiments
387 Refractive indices
Cf. QC426.4 Refractometers
389 Transmission of radiation
391 Photometry. Microphotometry
Including densitometers
Cf. QB135 Astronomical photometry
Cf. TK4367 Electric light testing
Cf. TP754 Gas light testing
Physical optics
392 Periodicals, societies, congresses, serial publications
393 Collected works (nonserial)
393.2 Dictionaries and encyclopedias
394 Early works through 1800
General works, treatises, and advanced textbooks
395 1801-1969
395.2 1970-
396 Elementary textbooks
397 Addresses, essays, lectures

Optics. Light
Physical optics -- Continued
397.5.A-Z Special topics, A-Z
397.5.I53 Images
397.5.O77 Optical losses
Study and teaching. Research
398 General works
398.2 Problems, exercises, examinations
Theories of light
401 General works
402 Corpuscular theory
Cf. QC446.15+ Quantum optics
403 Wave theory
Cf. QC669+ Electromagnetic theory
406 Miscellaneous speculations
407 Velocity of light
Interference
Including Newton's rings, interferometer
Cf. QH212.I5 Interference microscopes
410.9 Periodicals, societies, congresses, serial publications
411 General works, treatises, and textbooks
411.4 Instruments and apparatus
Diffraction
414.8 Periodicals, societies, congresses, serial publications
414.9 Collected works (nonserial)
415 General works, treatises, and textbooks
416 Addresses, essays, lectures
417 Instruments and apparatus
Including diffraction gratings
Reflection
425 General works
425.2 Juvenile works
425.4 Instruments and apparatus
Including reflectometers
Refraction
425.9 Collected works (nonserial)
426 General works, treatises, and textbooks
426.2 Juvenile works
426.4 Instruments and apparatus
Including refractometers
426.6 Handbooks, tables, formulas, etc.
426.8.A-Z Special topics, A-Z
426.8.D68 Double refraction
426.8.N44 Negative refraction
Scattering (General)
427 Periodicals, societies, congresses, serial publications
427.4 General works, treatises, and textbooks
427.6 Handbooks, tables, formulas, etc.
427.8.A-Z Special topics, A-Z
427.8.C7 Critical opalescence
427.8.C73 Critical scattering
427.8.M5 Mie scattering
427.8.R3 Rayleigh scattering
427.8.S64 Speckle
Cf. TA1671+ Lasers and laser applications
Dispersion

Optics. Light
Physical optics
Dispersion -- Continued
431 General works
435 Anomalous dispersion
437 Incidence
Including grazing incidence
Polarization
Cf. QD481 Stereochemistry
Cf. TP382 Saccharimetry
440 Periodicals, societies, congresses, serial publications
441 General works, treatises, and textbooks
442 Addresses, essays, lectures
443 Production and measurement
445 Rings and brushes of crystals
Cf. QD941 Optical properties of crystals
446.A-Z Other special topics, A-Z
446.D5 Dichroism
Nonlinear optics. Quantum optics
For maser and laser physics see QC685+
446.15 Periodicals, societies, congresses, serial publications
446.2 General works, treatises, and textbooks
446.3.A-Z Special topics, A-Z
446.3.A54 Angular momentum
446.3.C45 Chaos
446.3.H37 Harmonics (Electric waves)
446.3.O65 Optical bistability
446.3.O67 Optical phase conjugation
446.3.O68 Optical pumping
446.3.S67 Squeezed light
Magnetooptics see QC675+
(447) Electronic optics
see QC793.5.E62+
Fiber optics
Cf. TA1800+ Applied fiber optics
447.9 Periodicals, societies, congresses, serial publications
448 General works, treatises, and textbooks
448.2 Addresses, essays, lectures
Holography
Cf. HD9707.5.H34+ Holography industry
Cf. QC244.5 Acoustic holography
Cf. TA1540+ Applied holography
449 General works
449.3 Electron holography
449.5 Optical tomography
Spectroscopy
Class here general works on the theory of spectroscopy and works intended primarily for physicists, including the spectroscopy of all electromagnetic radiations
Class here also compilations of spectra of elements, groups of elements, organic and inorganic compounds
For works on the application of spectroscopy in analytical chemistry and theoretical works intended primarily for chemists, see QD95-QD96; QD272.S6
450 Periodicals, societies, congresses, serial publications
450.15 Collected works (nonserial)
450.3 Dictionaries and encyclopedias
450.5 History

Optics. Light
Spectroscopy -- Continued
451 General works, treatises, and textbooks
451.2 Pictorial works and atlases
451.4 Addresses, essays, lectures
451.6 Special aspects of the subject as a whole
Study and teaching. Research
451.8 General works
451.82 Laboratory manuals
452 Data processing
452.5 Instruments and apparatus
453 Handbooks, tables, formulas, etc.
Including wavelength tables
454.A-Z Special types of spectra and spectroscopy, A-Z
454.A2 Absorption spectra
454.A25 Accelerator mass spectrometry
Alpha ray spectroscopy see QC793.5.A22+
454.A7 Arc spectra
454.A8 Atomic spectroscopy
Band spectra see QC454.M6
454.B39 Beam-foil spectroscopy
Beta spectroscopy see QC793.5.B42+
454.B74 Broadband dielectric spectroscopy
454.C634 Collision spectroscopy
454.E4 Electron spectroscopy
454.E46 Emission spectroscopy
454.F6 Flame spectroscopy
454.F7 Fourier transform spectroscopy
454.F85 Frequency spectra
Gamma spectroscopy see QC793.5.G32+
454.G3 Gas spectra
454.H33 Hadamard transform spectroscopy
Hadron spectroscopy see QC793.5.H32+
454.H618 High resolution spectroscopy
454.H9 Hyperfine spectra
In-beam gamma ray spectroscopy see QC793.5.G32+
Infrared spectrum see QC457
454.I48 Integral field spectroscopy
454.I5 Internal reflection spectroscopy
454.L3 Laser spectroscopy
454.L58 Level-crossing spectroscopy
454.L63 Light-beating spectroscopy
Luminescence spectroscopy see QC476.6
Magnetic resonance spectroscopy see QC762
454.M3 Mass spectroscopy
454.M32 Matrix isolation spectroscopy
454.M5 Microwave spectroscopy
454.M6 Molecular spectroscopy
Mössbauer spectroscopy see QC491
Neutron spectroscopy see QC793.5.N462+
Nuclear magnetic resonance spectroscopy see QC762
454.N8 Nuclear spectroscopy
Cf. QC793.5.A22+ Particle spectra
454.O65 Optical admittance spectroscopy
454.O66 Optical spectroscopy
454.O68 Optogalvanic spectroscopy

Optics. Light
Spectroscopy
Special types of spectra and spectroscopy, A-Z -- Continued
Particle spectra see QC793.5.A22+
454.P46 Photodetachment threshold spectroscopy
454.P48 Photoelectron spectroscopy
Plasma spectroscopy see QC718.5.S6
454.R3 Radiofrequency spectroscopy
454.R36 Raman spectroscopy
454.R4 Reflectance spectroscopy
454.R47 Resonance ionization spectroscopy
454.R5 Resonant ultrasound spectroscopy
Rotational spectra see QD481
Scintillation spectroscopy see QC491.5+
Solar spectroscopy (Meteorology) see QC910.2+
Solar spectroscopy (Optics) see QC455
454.S7 Spark spectroscopy
454.T47 Terahertz spectroscopy
Time-of-flight mass spectroscopy see QC454.M3
454.T75 Tunneling spectroscopy
Ultraviolet spectroscopy see QC459+
454.V5 Vibrational spectra
X-ray spectroscopy see QC482.S6
454.Z44 ZEKE spectroscopy
455 Solar spectrum
Including wavelength measurements and maps
For works relating to the constitution and physical condition of the sun see QB551
457 Infrared spectrum
Cf. TA1570+ Infrared technology
Ultraviolet spectrum
Cf. TA1501+ Applied optics. Lasers
459 General works
459.5 Far ultraviolet spectrum
Spectra of special substances
462.A-Z Special elements and groups of elements, A-Z (Table Q1 modified)
462.C65 Colloids
462.M47 Metal vapors
462.M49 Metals
462.R2 Rare earths
462.T85 Trace elements
462.T86 Transition metals
Organic compounds
462.5 General works, treatises, and textbooks
462.85 Handbooks, tables, formulas, etc.
463.A-Z Special organic compounds, A-Z
463.A4 Alcohols
463.A47 Alkaloids
463.A8 Amines
463.A84 Anthracene and derivatives
463.A86 Anthraquinones
463.B4 Benzene
463.B5 Biphenyl compounds
463.C3 Carbohydrates
463.C5 Chelates
463.C54 Chlorophyll
463.C57 Chroman

Optics. Light
Spectroscopy
Spectra of special substances
Organic compounds
Special organic compounds, A-Z -- Continued

463.C78	Coordination compounds
463.E68	Essences and essential oils
463.E69	Esters
463.E7	Ethers and oxides
463.F55	Fluorocarbons
463.F6	Formaldehyde
463.F8	Furans
463.G84	Gums and resins
463.H4	Heterocyclic compounds
463.H9	Hydrocarbons
463.I44	Imidazole
463.I5	Indole alkaloids
463.M38	Metal carbonyls
463.N35	Naphthoquinone
463.O7	Organometallic compounds
463.O72	Organophosphorus compounds
463.O73	Organosilicon compounds
463.P46	Plasticizers
463.P5	Polymers
463.P55	Polyurethanes
463.P6	Porphyrin
463.P7	Proteins
463.P92	Pyridines
463.Q5	Quinoline
463.Q54	Quinone
	Resins see QC463.G84
463.S23	Saccharides
463.S72	Solvents
463.S8	Steroids
463.S9	Sulfur organic compounds
463.S94	Surface active agents
463.T4	Terpenes
464.A-Z	Inorganic substances, A-Z
464.A43	Alkali metal halides
464.A44	Alkaline earth ferricyanides
464.A47	Ammonia
464.B67	Borates
464.C34	Calcium fluoride
464.C37	Carbon dioxide
464.C375	Carbon disulfide
464.F45	Ferroelectric crystals
464.F87	Fused salts
464.G55	Glass
464.H93	Hydrides
464.H934	Hydrochloric acid
464.H936	Hydrogen fluoride
464.M47	Mercury compounds
464.M48	Metallic oxides
464.M53	Mica
464.N57	Nitrates
464.N574	Nitric acid

Optics. Light
Spectroscopy
Spectra of special substances
Inorganic substances, A-Z -- Continued
464.N577 Nitrogen dioxide
464.N64 Nonmetallic minerals
464.P44 Phosphates
464.P46 Phosphorus compounds
464.P68 Potassium hydride
464.P685 Potassium phosphates
464.Q37 Quartz
464.S45 Selenium compounds
464.S54 Silicates
464.S546 Silver chloride
464.S63 Sodium halides
464.S635 Sodium hydride
464.S637 Sodium nitroferricyanide
464.S94 Sulfur dioxide
464.T44 Tellurium chlorides
464.T54 Thallium chloride
464.U73 Uranium compounds
464.W37 Water
464.Z57 Zirconium oxide
465 Instruments and apparatus
Including absorptionmeter
467 Structure of spectral lines. Effect of pressure. Stark effect, etc.
Cf. QC675.5.Z4 Zeeman phenomenon
Radiation physics (General)
Cf. QA935+ Wave propagation in elastic solids
Cf. QB531 Astronomy
Cf. QC191 Elastic properties of solids
Cf. QC331+ Thermal radiation
Cf. QC787.C6 Nuclear counters, etc.
Cf. QC793.5.A+ Radiation of special particles
Cf. QC910.2+ Solar radiation
Cf. QD601+ Radiation chemistry
Cf. QP82.2.R3 Physiological effect
474 Periodicals, societies, congresses, serial publications
474.5 Collected works (nonserial)
475 General works, treatises, and textbooks
475.25 Juvenile works
475.5 Study and teaching. Research
475.6 Special aspects of the subject as a whole
475.7 Technique
475.8 Instruments and apparatus
476.A-Z Special topics, A-Z
476.C6 Coherence
Duality, Wave-particle see QC476.W38
476.S6 Sources of radiation
476.S86 Superradiance
476.W38 Wave-particle duality
Cf. QC401+ Theories of light
Luminescence
Cf. QC976.A3 Airglow
Cf. QD505.8 Chemiluminescence
476.4 Periodicals, societies, congresses, serial publications

Radiation physics (General)
Luminescence -- Continued
476.45 Collected works (nonserial)
476.5 General works, treatises, and textbooks
476.6 Luminescence spectroscopy
Luminescent materials. Phosphors. Scintillators
Cf. QC787.S34 Scintillation counters
476.7 General works
476.75 Inorganic scintillators
476.77 Organic scintillators
Photoluminescence (General)
476.8 General works
Fluorescence
477 General works
477.2 Instruments and apparatus
Including fluorimeters
477.4 Sensitized fluorescence
Phosphorescence
Cf. QD79.P4 Phosphorimetry
Cf. QH641 Bioluminescence
Cf. TK454.4.P5 Phosphors (Electrical engineering)
Cf. TK7871.15.P4 Phosphors (Electronics)
477.8 Periodicals, societies, congresses, serial publications
477.9 Collected works (nonserial)
478 General works, treatises, and textbooks
479 Thermoluminescence
479.5 Cathodoluminescence
480 Electroluminescence
480.2 Sonoluminescence
X-rays. Roentgen rays
Cf. QB472+ X-ray astronomy
Cf. QC710+ Discharges through gases
Cf. QH212.X2 X-ray microscopes
Cf. RC78+ Medical radiography
Cf. RM845+ Radiotherapy
Cf. TR750 Radiography (Photography)
480.8 Periodicals, societies, congresses, serial publications
480.9 Dictionaries and encyclopedias
481 General works, treatises, and textbooks
481.5 Instruments and apparatus
Cf. RC78.5 Radiography
Cf. RM862.5 Radiotherapy
Cf. TR750 Applied photography
482.A-Z Special topics, A-Z
Crystallography see QD945
482.D5 Diffraction
482.G68 Grenz rays
482.P6 Polarization
482.S3 Scattering
482.S6 Spectroscopy
Study and teaching. Research
482.2 General works
482.3 Experiments
(483) Electric radiations (General)
see QC660.5+
484 Blackbody radiation

Radiation physics (General) -- Continued
Bremsstrahlung
484.2 Periodicals, societies, congresses, serial publications
484.3 General works, treatises, and textbooks
484.5 Study and teaching. Research
484.6.A-Z Special topics, A-Z
484.6.I5 Inner Bremsstrahlung
Cosmic ray physics
Cf. QB463+ Nuclear astrophysics
Cf. QC770+ Nuclear physics
Cf. QC809.V3 Van Allen radiation belts
484.8 Periodicals, societies, congresses, serial publications
484.85 Collected works (nonserial)
484.9 History
485 General works, treatises, and textbooks
485.4 Popular works
485.42 Juvenile works
485.5 Addresses, essays, lectures
485.55 Special aspects of the subject as a whole
Observations. Data summaries
485.57 General works, treatises, and textbooks
485.575.A-Z By region or country, A-Z
485.6 Technique
485.7 Instruments and apparatus
Cf. QC785.5+ Nuclear instruments and apparatus
485.75 Handbooks, tables, formulas, etc.
485.8.A-Z Special topics, A-Z
485.8.B8 Bursts
Cosmic ray particles see QC793.3.C6
485.8.F6 Forbush decreases
485.8.O7 Origin
485.8.S5 Showers
485.8.S8 Stars
485.8.V3 Variations, Diurnal, etc.
Including effects due to altitude, longitude, etc.
485.9.A-Z Special types, A-Z
485.9.A8 Atmospheric cosmic rays
485.9.G34 Galactic cosmic rays
485.9.P7 Primary cosmic rays
485.9.S4 Secondary cosmic rays
485.9.S6 Solar cosmic rays
485.9.U6 Underground cosmic rays
Other radiations
Alpha radiations see QC793.5.A22+
Beta rays see QC793.5.B42+
Cherenkov radiation
490.4 General works, treatises, and textbooks
Instruments and apparatus see QC787.C6
Gamma rays see QC793.5.G32+
Infrared rays. Infrared spectrometry see QC457
Radiation and spectra of isotopes see QC795.8.S6
491 Mössbauer effect. Mössbauer spectroscopy
Scintillation spectroscopy
491.5 Periodicals, societies, congresses, serial publications
492 General works, treatises, and textbooks
Instruments and apparatus see QC787.S34

Radiation physics (General)
Other radiations -- Continued
Van Allen radiation see QC809.V3
Color
Cf. BF789.C7 Psychology
Cf. ML3840 Music and color
Cf. QD113 Colorimetry in analytic chemistry
Cf. QD473 Color in relation to atomic structure
Cf. QP483 Physiological effect
Cf. RM840 Phototherapy
Cf. TR510+ Color photography
Cf. TR977 Photomechanical color processes
494 Periodicals, societies, congresses, serial publications
494.15 Collected works (nonserial)
494.2 Dictionaries and encyclopedias
494.3 Nomenclature, terminology, notation, abbreviations
494.7 History
494.8 Early works through 1800
495 General works, treatises, and advanced textbooks
495.15 Elementary textbooks
495.2 Pictorial works and atlases
495.3 Popular works
495.5 Juvenile works
495.7 Addresses, essays, lectures
495.8 Special aspects of the subject as a whole
Study and teaching. Research
496 General works
496.15 Outlines, syllabi
496.3 Experiments
496.4 Laboratory manuals
496.6 Instruments and apparatus
Including colorimeters
496.8 Handbooks, manuals, etc.
496.9 Miscellany and curiosa
Electricity and magnetism
Cf. QC960.5+ Atmospheric electricity
Cf. TK1+ Electrical engineering
Electricity
Including works that deal collectively with electricity and magnetism
For electric properties of solids see QC176.8.E35
501 Periodicals, societies, congresses, serial publications
503 Collected works (nonserial)
505 Dictionaries and encyclopedias
506 Philosophy. Theory
506.5 Nomenclature, terminology, notation, abbreviations
507 History
Biography
514 Collective
515.A-Z Individual, A-Z
e.g.
515.A6 Ampère
515.O4 Ohm
Early works
516 Through 1700
517 1701-1850
General works, treatises, and advanced textbooks

Electricity and magnetism
Electricity
General works, treatises, and advanced textbooks -- Continued
1851-1969
518 Treatises
521 Descriptive and experimental works
522 1970-
523 Elementary textbooks
527 Popular works
527.2 Juvenile works
527.4 Addresses, essays, lectures
527.5 Special aspects of the subject as a whole
528.A-Z Special topics, A-Z
528.E4 Electromechanical analogies
Maxwell's equations see QC669+
528.V4 Vector theory
529 Handbooks, tables, formulas, etc.
Study and teaching. Research
For programmed texts see QC518+
530 General works
531 Outlines, syllabi
532 Problems, exercises, examinations
533 Experiments
534 Laboratory manuals
Electric measurements
Cf. TK275+ Electrical engineering
535 General works
536 Electric units
537 Standards
Laboratories
541.A1 General works
541.A3-Z By region or country, A-Z
Subarrange each country by Table Q6
Instruments and apparatus (General)
543 General works, treatises, and textbooks
544.A-Z Special instruments, A-Z
(544.A5) Ammeter
see QC645
(544.C3) Cathode ray tubes
see TK7871.73
Coils see QC645
544.C8 Current balance
Cyclotrons see QC787.C8
Decremeters see QC667+
Electric meters see TK301+
544.E3 Electrodynamometer
544.E4 Electrometer
544.E45 Electophori
544.E5 Electrostatic lenses
544.G2 Galvanometer
(544.G3) Gas tubes
see TK7871.8+
544.P5 Phonic wheel
544.P8 Potentiometer
544.Q3 Quadruple lenses

Electricity and magnetism
Electricity
Instruments and apparatus (General)
Special instruments, A-Z -- Continued
(544.V3) Vacuum tubes
see TK7871.72+
561 Miscellany and curiosa
Electrostatics. Frictional electricity
Cf. QA825+ Attractions and potential
Cf. QC960.5+ Atmospheric electricity
Cf. TP156.E5 Electrostatic separation
570 Periodicals, societies, congresses, serial publications
571 General works, treatises, and textbooks
571.4 Juvenile works
571.5 Addresses, essays, lectures
Study and teaching. Research
572 General works
572.4 Experiments
573 Instruments and apparatus
Including frictional and induction machines
577 Electrocapillary phenomena
581.A-Z Other topics, A-Z
581.E4 Electric charge and distribution
581.I5 Induction
581.P6 Potential difference
581.V6 Volta effect
Dielectrics
Cf. TK3401+ Electric insulation
584 Periodicals, societies, congresses, serial publications
584.2 Collected works (nonserial)
585 General works, treatises, and textbooks
585.4 Addresses, essays, lectures
585.5 Study and teaching. Research
585.7.A-Z Special topics, A-Z
585.7.B7 Breakdown
585.7.C6 Constant
585.7.D5 Dielectrophoresis
585.7.E43 Electric discharge
585.7.H4 Heating
585.7.L6 Loss
585.7.M3 Magnetic properties
585.7.O6 Optical properties
585.7.R3 Radiation effects
585.7.R4 Relaxation
585.75.A-Z Specific dielectric substances, A-Z
585.75.S55 Silica
585.75.T58 Titanates
585.8.A-Z Special types of dielectrics, A-Z
585.8.E4 Electrets
585.8.G38 Gaseous
585.8.L56 Liquid
589 Measurement of capacity
Cf. TK2805 Condensers (Dynamoelectric machinery)
Cf. TK7872.C65 Condensers (Electronics)

Electricity and magnetism
Electricity
Electrostatics. Frictional electricity -- Continued
595 Pyroelectricity
Cf. QD939 Electric properties of crystals
Cf. TK7872.O7 Oscillators
595.5 Piezoelectricity
Cf. TK7872.P54 Piezoelectric devices
Ferroelectricity
Cf. QC715.17 Photoferroelectric effect
Cf. QD939 Electric properties of crystals
596 Periodicals, societies, congresses, serial publications
596.5 General works, treatises, and textbooks
596.9 Addresses, essays, lectures
Electric current (General)
Cf. QC641 Alternating currents
Cf. QD551+ Electrolysis
Cf. TK454+ Electric circuits and networks
601 General works
607 Ohm's law
(610) Conduction in gases and vapors
see QC710+
Electric conductivity
Cf. TK3301+ Electric conductors
610.3 Periodicals, societies, congresses, serial publications
610.4 General works, treatises, and textbooks
Electric resistance
Cf. QC761+ Magnetic induction
Cf. QC809.E15 Earth resistance
Cf. TK7872.R4 Electric resistors
610.6 General works
610.7 Magnetoresistance
Semiconductor physics
Class here general works on the physical properties of semiconductor materials
For works on semiconductor materials used in electronic engineering see TK7871.85+
Cf. QC176.8.E4 Solid-state electronics
610.9 Periodicals, societies, congresses, serial publications
610.92 Collected works (nonserial)
610.94 Nomenclature, terminology, notation, abbreviations
610.96 History
611 General works, treatises, and textbooks
611.2 Addresses, essays, lectures
611.24 Special aspects of the subject as a whole
Study and teaching. Research
611.26 General works
611.28 Problems, exercises, examinations
611.3 Laboratory manuals
611.4 Instruments and apparatus
611.45 Handbooks, tables, formulas, etc.
611.6.A-Z Special topics, A-Z
611.6.A36 Acoustic properties
611.6.D4 Defects
611.6.D5 Diffusion
611.6.D6 Doping
611.6.E43 Electron-hold droplets
611.6.E45 Electron transport

Electricity and magnetism
Electricity
Electric current (General)
Electric conductivity
Semiconductor physics
Special topics, A-Z -- Continued
Energy-band theory see QC176.8.E4
611.6.G3 Galvanometric effects
611.6.H6 Holes
611.6.H67 Hot carriers
611.6.J85 Junctions
611.6.M64 Molecular beam epitaxy
611.6.O6 Optical effects
611.6.P52 Photoelectromagnetic effects
611.6.P55 Plasma effects
611.6.Q35 Quantum dots
611.6.Q36 Quantum optics
611.6.R3 Radiation effects
611.6.R43 Recombination
Reliability see TK7871.85+
611.6.S9 Surface properties
611.6.T4 Thermal properties
611.8.A-Z Specific semiconducting substances and types, A-Z
611.8.A44 Alloys
611.8.A5 Amorphous substances
611.8.C34 Cadmium arsenide
611.8.C45 Chalcopyrite
611.8.C6 Compensated semiconductors
611.8.C64 Compound semiconductors
611.8.D66 Doped semiconductors
611.8.G3 Gallium arsenide
611.8.G4 Germanium
611.8.I52 Indium arsenide
611.8.L4 Lead chalcogenides
611.8.L5 Liquids
611.8.L68 Low-dimensional semiconductors
611.8.M25 Magnetic substances
611.8.M27 Many-valley semiconductors
611.8.M38 Mercury telluride
611.8.M4 Metal oxides
611.8.N33 Nanocrystals
611.8.N35 Narrow gap semiconductors
611.8.O68 Ore minerals
611.8.O7 Organic substances
611.8.P64 Polycrystalline semiconductors
611.8.R37 Rare earths
611.8.S44 Selenium
611.8.S45 Semimetals
611.8.S5 Silicon
611.8.S86 Superlattices
611.8.T44 Tellurium
611.8.W53 Wide gap semiconductors
Superconductivity physics
Cf. QC175.4+ Superfluid physics
611.9 Periodicals, societies, congresses, serial collections
611.917 History

Electricity and magnetism
Electricity
Electric current (General)
Electric conductivity
Superconductivity physics -- Continued
611.92 General works, treatises, and textbooks
611.922 Juvenile works
611.924 Handbooks, tables, formulas, etc.
Superconducting materials. Superconductors
Cf. QC761.3 Superconducting magnets
Cf. TK7872.C77 Cryoelectronic devices
Cf. TK7872.S8 Engineering
Cf. TK7895.C7 Cryotrons
611.94 Periodicals, societies, congresses, serial collections
611.95 General works, treatises, and textbooks
Study and teaching. Research
611.96 General works
By region or country
United States
611.962 General works
611.964.A-Z By region or state, A-Z
611.966.A-Z Other regions or countries, A-Z
611.97.A-Z Special topics, A-Z
611.97.C54 Chemistry
611.97.E69 Equilibrium
Including nonequilibrium
611.97.F58 Fluctuations
611.97.M34 Magnetic properties
Nonequilibrium see QC611.97.E69
611.97.R33 Radiation effects
611.97.S64 Spectra
611.97.T46 Temperature effects
Including transition temperature
611.97.T54 Thermal properties
Transition temperature see QC611.97.T46
611.97.T86 Tunneling
611.98.A-Z Special superconducting materials or types of superconductors, A-Z
611.98.A44 Alloys
611.98.A48 Aluminum
611.98.A58 Anyon superconductivity
611.98.C47 Ceramic superconductors
611.98.C53 Chalcogenides
611.98.C63 Composites
611.98.C64 Copper
611.98.D33 d-band metals
611.98.D57 Dirty superconductors
611.98.H54 High temperature superconductors
611.98.M34 Magnetic
611.98.N54 Niobium
611.98.O74 Organic superconductors
611.98.R88 Ruthenium
611.98.T37 Ternary superconductors
611.98.T55 Thin film superconductors
611.98.T73 Transition metal oxides
611.98.T86 Type I superconductors
611.98.T87 Type II superconductors

Electricity and magnetism
Electricity
Electric current (General)
Electric conductivity
Superconductivity physics
Superconducting materials. Superconductors
Special superconducting materials or types of superconductors, A-Z -- Continued
611.98.V35 Vanadium
611.98.Z56 Zinc
612.A-Z Other special topics, A-Z
612.H3 Hall effect
Cf. TK7872.H3 Hall effect devices
612.P5 Photoconductivity
Cf. TK8330+ Photoconductive cells
612.P6 Potential barrier
612.S6 Skin effect
Superconductivity see QC611.9+
613 Electric resonance
Cf. QC762 Nuclear magnetism
Cf. QC794.6.R4 Nuclear interaction
615 Measurements of currents
Including ammeters, voltameters
618 Electromotive force
Including voltmeters
Thermoelectricity. Thomson effect. Peltier effect
Cf. TK2950+ Applied thermoelectricity
621 General works
623 Heating effects of currents
625 Electrokinetics
Electrodynamics
Cf. QA920 Magnetohydrodynamic theory
Cf. QC717+ Ion flow dynamics
Cf. QC718.5.M36 Magnetohydrodynamics (Plasma physics)
Cf. QC809.E55 Geophysics
630 Periodicals, societies, congresses, serial publications
630.15 Collected works (nonserial)
630.2 Dictionaries and encyclopedias
630.5 History
631 General works, treatises, and textbooks
631.2 Addresses, essays, lectures
631.3 Special aspects of the subject as a whole
Study and teaching. Research
631.7 General works
631.75 Problems, exercises, examinations
631.8 Laboratory manuals
638 Inductance. Induction
641 Alternating currents (Theory)
Cf. TK1141+ Alternating current engineering
Cf. TK2711+ Alternating current machinery
Electric corona
642.5 Periodicals, societies, congresses, serial publications
643 General works, treatises, and textbooks
643.5 Instruments and apparatus
643.7.A-Z Special topics, A-Z
643.7.D5 Discharge
643.7.P7 Pressure

Electricity and magnetism
Electricity
Electrodynamics -- Continued
645 Electric coils
Including induction coils
Cf. TK2391 Electric coils (Dynamoelectric machinery
Cf. TK2805 Condensers (Dyanmoelectric machinery)
Cf. TK7872.C56 Electronics
648 Vacuum polarization
Electric oscillations. Electric waves
Including electromagnetic waves
Cf. QB460+ Astrophysics
Cf. QC809.E55 Cosmic electrodynamics
660.5 Periodicals, societies, congresses, serial publications
661 General works, treatises, and textbooks
662 Addresses, essays, lectures
665.A-Z Special topics, A-Z
665.D3 Damping
665.D5 Diffraction
665.D54 Diffusion
665.E36 Electric displacement
665.E38 Electric fields
665.E4 Electromagnetic fields
665.E45 Electromechanical analogies
665.P5 Photoabsorption
665.P6 Polarization
665.Q3 Quadrupole moment
665.S3 Scattering
665.T7 Transmission
665.V4 Velocity
Study and teaching. Research
666 General works
666.5 Problems, exercises, examinations
Instruments and apparatus
Including decremeters
667 General works
668.A-Z Special equipment, A-Z
668.A54 Anechoic chambers. Reverberation chambers
Reverberation chambers see QC668.A54
Electromagnetic theory
Including Maxwell's equations
669 Periodicals, societies, congresses, serial publications
670 General works, treatises, and textbooks
Study and teaching. Research
670.7 General works
670.75 Problems, exercises, examinations
671 Aberrations and moving media
Cf. QB163 Correction of astronomical observations
Electrooptics (General)
Cf. TA1750+ Applied electrooptics
673 General works
673.5.A-Z Special topics, A-Z
673.5.K4 Kerr effect
Magnetooptics (General)
675 General works
675.5.A-Z Special topics, A-Z

Electricity and magnetism
Electricity
Electric oscillations. Electric waves
Electromagnetic theory
Magnetooptics (General)
Special topics, A-Z -- Continued
675.5.F3 Faraday effect
675.5.Z4 Zeeman effect
675.8 Microwave optics (General)
Radio waves (Theory)
Cf. QC972.6+ Radio meteorology
Cf. TK6540+ Radio engineering
676 Periodicals, societies, congresses, serial publications
676.4 General works, treatises, and textbooks
676.6 Addresses, essays, lectures
676.7.A-Z Special topics, A-Z
676.7.D5 Diffraction
676.7.S3 Scattering
676.7.S35 Scintillation
676.7.T7 Transmission
Microwaves (Theory)
Cf. QC718.5.M5 Plasma physics
Cf. TK7871.4 Masers
Cf. TK7876+ Electronics
677 Periodicals, societies, congresses, serial publications
678 General works, treatises, and textbooks
678.2 Addresses, essays, lectures
Study and teaching. Research
678.4 General works
678.6 Laboratory manuals
Quantum electrodynamics
Cf. QC793.3.E4 Elementary particle physics
679 Periodicals, societies, congresses, serial publications
679.6 Collected works (nonserial)
680 General works, treatises, and textbooks
680.5 Addresses, essays, lectures
Quantum electronics
Including maser and laser physics
Cf. TA1671+ Lasers
Cf. TK7871.4 Masers
685 Periodicals, societies, congresses, serial publications
686 Collected works (nonserial)
687 Dictionaries and encyclopedias
687.2 History
688 General works, treatises, and textbooks
689 Addresses, essays, lectures
689.5.A-Z Special topics, A-Z
689.5.L35 Laser manipulation
689.5.L37 Laser pulses
689.55.A-Z Special types of lasers, A-Z
689.55.F75 Free electron lasers
689.55.P53 Plasma lasers
689.55.S45 Semiconductor lasers
700 Field emission
Electric discharge
701 General works, treatises, and textbooks

Electricity and magnetism
Electricity
Electric discharge -- Continued
Ions. Ionization. Thermionic emission (General)
Cf. QC972.6+ Radio meteorology
Cf. QD561+ Electrochemistry
Cf. QD601+ Radiochemistry
701.7 Periodicals, societies, congresses, serial publications
702 General works, treatises, and textbooks
702.3 Instruments and apparatus
Cf. QC787.I6 Ionization chambers
702.5 Ionization of specific gases, liquids, etc.
702.7.A-Z Other special topics, A-Z
702.7.A9 Auger effect
702.7.B65 Bombardment
702.7.E38 Electron impact ionization
702.7.E4 Emission, Secondary ion
702.7.H42 Heavy ions
702.7.I55 Ion implantation
702.7.I57 Ion swarms
Magnetic ions see QC754.2.M333
702.7.M84 Multiply charged ions
702.7.N4 Negative ions. Anions
702.7.P48 Photoionization
Class here works on the physics of ionization produced by photons of light, X-rays or gamma rays.
For general works on chemical and physical aspects of photoionization see QD716.P48
702.7.P6 Positive ions
702.7.R4 Recombination of ions
702.7.S3 Scattering
Secondary ion emission see QC702.7.E4
702.7.T73 Trapped ions
Spark discharge (General)
Cf. QC454.A+ Spectra of special elements
Cf. QC966+ Lightning
703 General works
703.5 Breakdown of spark
703.7 Exploding wire phenomenon
705 Arc discharge
Cf. TK4311+ Arc lighting
Electric discharge through gases
Including cathode rays, canal rays
Cf. QC480.8+ X-rays
Cf. QC793.5.E62+ Electron emission
Cf. TK7871.7+ Electron tubes
710 Periodicals, societies, congresses, serial publications
711 General works, treatises, and textbooks
711.3 Addresses, essays, lectures
711.4 Special aspects of the subject as a whole
711.6.A-Z Electric discharge through specified gases, A-Z
711.6.A7 Argon
711.6.O9 Oxygen
711.8.A-Z Special topics, A-Z
711.8.A34 Afterglow
711.8.B7 Breakdown of spark
711.8.D5 Dissociation

Electricity and magnetism
Electricity
Electric discharge
Electric discharge through gases
Special topics, A-Z -- Continued
711.8.G5 Glow discharge
711.8.P6 Polarization
711.8.R35 Radio frequency discharges
Photoelectricity. Photoelectric cells
Including other effects of light, X-rays, etc., on discharge
Cf. QC391 Photometry
Cf. QC793.5.P42+ Photons
Cf. QC794.8.P4 Photonuclear interactions
Cf. QD701+ Photochemistry
Cf. TK8300+ Optoelectronic devices. Photoelectronic devices
715 General works
715.15 Photoemission
715.17 Photoferroelectric effect
715.2 Photoelectric properties of special substances
Including sensitivity
715.4 Photoelectric cells
Including photovoltaic effect
Ion flow dynamics
717 General works
717.5.A-Z Special topics, A-Z
717.5.I6 Ionic mobility
Plasma physics. Ionized gases
Cf. QA920 Magnetohydrodynamics
Cf. QC790.95+ Nuclear fusion
Cf. QC809.P5 Plasma (Cosmic physics)
Cf. TA2001+ Plasma engineering
Cf. TK2970 Magnetohydrodynamic generators
Cf. TL783.6 Plasma rockets
717.6 Periodicals, societies, congresses, serial publications
717.8 Collected works (nonserial)
718 General works, treatises, and textbooks
718.15 Addresses, essays, lectures
718.4 Special aspects of the subject as a whole
718.5.A-Z Special topics, A-Z
Accelerators see QC718.5.M36
Collisions with matter see QC718.5.P5
Collisions with particles see QC718.5.P55
Conductivity see QC718.5.T7
718.5.C65 Confinement
Controlled fusion see QC791.7+
718.5.C9 Cyclotron waves
718.5.D38 Dense plasma focus
718.5.D4 Density
718.5.D5 Diagnostics
Diffusion see QC718.5.T7
718.5.D7 Drift
718.5.D84 Dusty plasmas
718.5.D9 Dynamics
718.5.E37 Electric fields
718.5.E4 Electrodynamics
718.5.E45 Electromagnetics

Electricity and magnetism
Electricity
Plasma physics. Ionized gases
Special topics, A-Z -- Continued
Electron oscillations and resonances see QC718.5.W3
718.5.E48 Electrostatics
718.5.E66 Equilibrium
Including nonequilibrium
718.5.G95 Gyrotrons
Heat conduction see QC718.5.T7
718.5.H5 High temperature
718.5.H9 Hydrodynamics
Instabilities see QC718.5.S7
Ion waves see QC718.5.W3
Kinetics see QC718.5.T5
718.5.L3 Laser-produced plasmas
718.5.L58 Low-pressure plasmas
718.5.L6 Low temperature
718.5.M3 Magnetic fields
718.5.M36 Magnetohydrodynamics
Including plasma accelerators
Cf. QA920 Magnetohydrodynamic theory
718.5.M5 Microwaves
718.5.N4 Neutrality
Including nonneutrality
Nonequilibrium see QC718.5.E66
718.5.O6 Optical phenomena
Oscillations see QC718.5.W3
718.5.P45 Pinch effect
Plasma accelerators see QC718.5.M36
718.5.P5 Plasma reactions with matter
718.5.P55 Plasma reactions with particles
Plasma resonance see QC718.5.W3
718.5.P58 Plasmoids
718.5.Q17 Q-machines
718.5.R3 Radiation
718.5.S4 Sheaths
Cf. TL3028 Space vehicle communication systems
Shock waves see QC718.5.W3
718.5.S6 Spectroscopy
718.5.S7 Stability
Including instability
718.5.S78 Statistical behavior
718.5.S83 Strongly coupled plasmas
718.5.T5 Thermodynamics
718.5.T7 Transport
Including diffusion, conductivity, heat conductance, velocity
718.5.T8 Turbulence
Velocity see QC718.5.T7
718.5.W3 Waves
Study and teaching. Research
718.6 General works
718.612 Problems, exercises, examinations
718.613 Experiments
Laboratories
718.614 General works

Electricity and magnetism
Electricity
Plasma physics. Ionized gases
Laboratories -- Continued
718.615.A-Z Individual laboratories, A-Z
718.62 Technique
718.64 Instruments and apparatus
718.7 Handbooks, tables, formulas, etc.
718.8 Miscellany and curiosa
(721) Physics of electrons, protons, and other particles
see QC793+
Magnetism
Cf. QB462.8 Cosmic magnetic fields
Cf. QC176.8.M3 Solid-state physics
Cf. QC718.5.M36 Plasma physics
Cf. QC811+ Geomagnetism
Cf. QD591 Magnetochemistry
750 Periodicals, societies, congresses, serial publications
750.15 Collected works (nonserial)
750.3 Philosophy. Theory
750.4 History
751 Early works through 1800
General works, treatises, and textbooks
753 1801-1969
753.2 1970-
753.5 Popular works
753.7 Juvenile works
753.8 Recreations
Including amateur experiments
753.9 Addresses, essays, lectures
754 Special aspects of the subject as a whole
754.2.A-Z Special topics, A-Z
754.2.B35 Band theory
754.2.E3 Electromechanical analogies
754.2.H9 Hysteresis
754.2.M3 Magnetic fields
Cf. QC809.M25 Cosmic magnetism
754.2.M32 Magnetic force
754.2.M33 Magnetic induction
754.2.M333 Magnetic ions
754.2.M336 Magnetic structure
754.2.M34 Magnetization
754.2.M35 Magnetostatics
754.2.M36 Magnetostriction
754.2.P4 Permeability
754.2.P45 Photomagnetic effect
754.2.P6 Potential
754.2.Q34 Quantum theory
754.2.S8 Susceptibility
Therapeutic use see RZ422
Study and teaching. Research
755 General works
755.2 Problems, exercises, examinations
755.3 Experiments
Cf. QC753.8 Amateur experiments
755.4 Laboratory manuals

Electricity and magnetism
Magnetism -- Continued
Magnetic measurements
755.6 General works
755.65 Units and standards
Instruments and apparatus
755.67 General works, treatises, and textbooks
755.675.A-Z Special instruments, A-Z
755.675.H9 Hysteresigraph
755.7 Handbooks, tables, formulas, etc.
755.8 Miscellany and curiosa
Magnets
756.7 Periodicals, societies, congresses, serial publications
757 General works, treatises, and textbooks
757.5 Juvenile works
757.7 Addresses, essays, lectures
757.8 Bonded magnets
757.9 Permanent magnets
757.92 Wiggler magnets
Electromagnetism
Cf. QH656 Magnetic fields (Cytology)
759.6 Periodicals, societies, congresses, serial publications
759.8 History
760 General works, treatises, and textbooks
760.2 Juvenile works
760.25 Addresses, essays, lectures
760.4.A-Z Special topics, A-Z
760.4.M33 Magnetic monopoles
760.4.M37 Mathematics
Study and teaching. Research
760.5 General works
760.52 Problems, exercises, examinations
760.54 Data processing
760.6 Handbooks, tables, formulas, etc.
Electromagnets
Cf. QC787.C3 Calutrons
Cf. TJ1366 Lifting magnets
Cf. TK454.4.E5 Electrical engineering
761 General works
761.2 Juvenile works
761.3 Superconducting magnets
Paleomagnetism see QE501.4.P35
761.4 Ferrimagnetism
Cf. QC766.F3 Ferrites
761.5 Ferromagnetism. Antiferromagnetism
761.8 Thermomagnetism
Nuclear magnetism
761.9 General works
762 Nuclear magnetic resonance
762.6.A-Z Other special topics, A-Z
762.6.A25 Acoustic nuclear magnetic resonance
762.6.E45 Electron nuclear double resonance
762.6.G53 Giant nuclear magnetic resonance
762.6.H94 Hyperfine interactions
762.6.M34 Magnetic resonance imaging
762.6.R44 Relaxation

Electricity and magnetism
Magnetism
Nuclear magnetism
Nuclear magnetic resonance
Other special topics, A-Z -- Continued
762.6.S64 Spin-lattice relaxation
762.6.S65 Spin waves
762.6.T73 Translational motion
Paramagnetism
762.9 General works
763 Electron paramagnetic resonance
764 Diamagnetism
Magnetic materials
Cf. TK454.4.M3 Electrical engineering
764.5 Periodicals, societies, congresses, serial publications
764.52 Dictionaries and encyclopedias
765 General works
766.A-Z Special magnetic materials, A-Z
Alloys, Magnetic see QC766.M34
766.A4 Amorphous substances
766.C6 Cobalt
766.F3 Ferrites
Fluids, Magnetic see QC766.M36
766.I7 Iron
766.M34 Magnetic alloys
766.M36 Magnetic fluids
766.M4 Metallic oxides
766.R3 Rare earths
766.T56 Thorium
Nuclear and particle physics. Atomic energy. Radioactivity
Cf. QC170+ Constitution of matter. Atomic physics
Cf. QD601+ Radiochemistry
Cf. TK9001+ Nuclear engineering
Cf. UG1282.A8 Atomic bombs
770 Periodicals, societies, congresses, serial publications
771 Collected works (nonserial)
772 Dictionaries and encyclopedias
Communication of information
772.2 General works
772.4 Information services
History
773.A1 Development and projects leading to production of first atomic bombs
773.A2-Z General works
773.3.A-Z By region or country, A-Z
Biography
774.A2 Collective
774.A3-Z Individual, A-Z
774.2 Directories
776 General works, treatises, and advanced textbooks
777 Elementary textbooks
778 Popular works
778.5 Juvenile works
780 Addresses, essays, lectures
782 Special aspects of the subject as a whole
782.5.A-Z Special topics, A-Z

Nuclear and particle physics. Atomic energy. Radioactivity
Special topics, A-Z -- Continued
782.5.P4 Photography
Cf. QC787.N78 Nuclear emulsions
783 Handbooks, tables, formulas, etc.
Data processing
783.3 General works, treatises, and textbooks
783.4 Laboratory manuals
783.5 Pictorial works and atlases
Study and teaching
783.8 General works
783.85 Problems, exercises, examinations
784 Laboratory manuals
784.5 Atomic and nuclear measurements
Including atomic units
Instruments and apparatus
785.5 Periodicals, societies, congresses, serial publications
785.7 Collected works (nonserial)
786 General works, treatises, and textbooks
786.2 Addresses, essays, lectures
Nuclear reactors for research. Reactor physics
Cf. TK9202+ Nuclear reactor engineering
786.4 Periodicals, societies, congresses, serial publications
History
786.42 General works
786.43.A-Z By region or country, A-Z
786.45 Directories
786.5 General works, treatises, and textbooks
786.55 Addresses, essays, lectures
786.6.A-Z Special topics, A-Z
Accidents see TK9001+
786.6.C6 Computer programs
786.6.D4 Design and construction
Fuel elements see TK9360+
786.6.K5 Kinetics
786.6.P68 Power distribution
786.6.S73 Statistical methods
786.6.T4 Thermal neutrons
Cf. QC793.5.T42+ Elementary particle physics
Study and teaching. Research
786.7 General works
786.75 Experiments
786.8 Handbooks, tables, formulas, etc.
787.A-Z Other instruments, A-Z
787.B4 Betatrons
Bevatron see QC787.S9
787.B8 Bubble chambers
787.C3 Calutrons
787.C56 Cloud chambers
787.C58 Coincidence circuits
Cold cathode tubes see TK7871.84.C6
787.C59 Colliders
787.C6 Counters
Cf. TK9180 Nuclear engineering
787.C8 Cyclotrons
787.D35 Damping rings

Nuclear and particle physics. Atomic energy. Radioactivity
Instruments and apparatus
Other instruments, A-Z

787.D74	Drift chambers
787.E37	Electret ionization chambers
787.E39	Electron accelerators
787.E4	Electrostatic accelerators
787.E42	Electrostatic analyzers
787.F75	Fricke dosimeters
787.G32	Gamma ray detectors
787.G34	Gas calorimeters
787.G4	Geiger-Müller counters
787.H53	High-brightness accelerators
787.H54	High pressure ionization chambers
787.I6	Ionization chambers
787.K55	Klystrons
787.L5	Linear accelerators
787.L53	Linear colliders
787.M3	Magnetic analyzers
787.N78	Nuclear emulsions
787.N83	Nuclear track detectors
787.O6	Optical instruments
787.P3	Particle accelerators (General)
	Cf. TK9340 Nuclear engineering
787.P34	Particle analyzers
	Photoelectric multipliers see TK8314
787.P46	Photon detectors
787.P69	Proportional counters
787.P7	Proton accelerators
787.P73	Proton antiproton colliders
	Including proton synchrotron colliders
787.P8	Pulse height analyzers
787.R43	Recirculating electron accelerators
787.S3	Scanning systems
787.S34	Scintillation counters
787.S4	Sector focused cyclotrons
787.S45	Self-quenching counters
787.S55	Spark chambers
787.S6	Spectrometer
787.S8	Storage rings
787.S83	Supercolliders
	Including Superconducting Super Collider
787.S85	Synchrocyclotrons
787.S9	Synchrotrons
787.T35	Targets
787.V3	Van de Graaff generators
787.V45	Vertex detectors

Research
Including laboratories and projects

788	General works
789.2.A3-Z	By region or country, A-Z
	Subarrange each country by Table Q6

Nuclear fission

789.7	Periodicals, societies, congresses, serial publications
790	General works, treatises, and textbooks
790.3	Addresses, essays, lectures

Nuclear and particle physics. Atomic energy. Radioactivity
Nuclear fission -- Continued
790.4.A-Z Special topics, A-Z
790.4.A6 Angular distribution
Delayed neutrons see QC793.5.D42+
790.4.E6 Energy loss
790.4.F5 Fission products (General)
Neutron transport theory see QC793.3.T7
790.4.P4 Photofission
790.4.P5 Pile theory
790.4.S9 Symmetrical fission
790.6 Instruments and apparatus
790.8.A-Z Fission of specific elements, A-Z (Table Q1)
Nuclear fusion
Cf. UG1282.A8 Hydrogen bomb
790.95 Periodicals, societies, congresses, serial publications
790.97 Collected works (nonserial)
791 General works, treatises, and textbooks
791.4 Popular works
791.5 Juvenile works
791.6 Addresses, essays, lectures
Controlled fusion
791.7 Periodicals, societies, congresses, serial publications
791.72 Collected works (nonserial)
791.725 Directories
791.73 General works, treatises, and textbooks
791.735 Popular works
791.74 Addresses, essays, lectures
Study and teaching. Research
791.745 General works
By region or country
United States
791.75 General works
791.755.A-Z By region or state, A-Z
791.76.A-Z Other regions or countries, A-Z
791.77.A-Z Special devices, A-Z
791.77.S7 Stellarators
791.775.A-Z Special topics, A-Z
791.775.C64 Cold fusion
Inertial confinement fusion see QC791.775.P44
791.775.L37 Laser fusion
791.775.P44 Pellet fusion. Inertial confinement fusion
791.8.A-Z Other special topics, A-Z
Neutron transport theory see QC793.3.T7
Thermonuclear reactions see QC791.7+
Atomic energy
Cf. BR115.A83 Moral and religious aspects
Cf. HD9698+ Economic aspects
Cf. QC913.2.A8 Meteorological aspects
Cf. TK9001+ Atomic power
791.9 Periodicals, societies, congresses, serial publications
791.915 Collected works (nonserial)
791.92 Dictionaries and encyclopedias
Communication of information
791.93 General works
791.94 Information services

Nuclear and particle physics. Atomic energy. Radioactivity
Atomic energy -- Continued
Nuclear regulatory commissions
791.948 General works
791.95.A-Z By region or country, A-Z
791.96 History
791.98 Directories
792 General works, treatises, and textbooks
792.4 Popular works
792.5 Juvenile works
792.6 Addresses, essays, lectures
792.7 Special aspects of the subject as a whole
Including peaceful uses of atomic energy
Study and teaching. Research
792.72.A-.Z8 General works
792.72.Z9 Catalogs of audiovisual materials
By region or country
United States
792.74 General works
792.76.A-Z By region or state, A-Z
792.78.A-Z Other regions or countries, A-Z
Laboratories
792.79 General works
792.8.-Z By region or country, A-Z
Subarrange each country by Table Q6
Elementary particle physics
Cf. QC170+ Structure of matter and other theories
793 Periodicals, societies, congresses, serial publications
793.12 Collected works (nonserial)
793.13 Philosophy
793.15 Classification
793.16 History
793.2 General works, treatises, and advanced textbooks
793.24 Elementary textbooks
793.26 Popular works
793.27 Juvenile works
793.28 Addresses, essays, lectures
793.29 Special aspects of the subject as a whole
793.3.A-Z Special topics, A-Z
793.3.A4 Algebra of currents
Cf. QC174.52.A43 Quantum field theory
Algebraic geometry see QC793.3.G46
793.3.A5 Angular momentum
793.3.B4 Particle beams
793.3.B5 Binding energy. Nuclear forces
793.3.B6 Bootstrap theory
793.3.C53 Charm
793.3.C54 Chirality
793.3.C56 Collective excitations
793.3.C57 Color confinement
793.3.C58 Conservation laws
793.3.C6 Cosmic ray and ionospheric influences
793.3.C67 Coupling constants
793.3.D4 Decay. Lifetime
793.3.D43 Degree of freedom
793.3.D5 Diffraction

Nuclear and particle physics. Atomic energy. Radioactivity
Elementary particle physics
Special topics, A-Z -- Continued

793.3.D55	Diffusion
793.3.D9	Dynamics
793.3.E4	Electrodynamics
793.3.E45	Electromagnetism
	Electronic data processing see QC793.47.E4
793.3.E5	Energy ranges
	Energy spectra see QC793.5.A22+
	Exciton theory see QC794.6.E9
793.3.E93	Exotic nuclei
793.3.F5	Field theories
	Flavor see QC793.3.Q37
793.3.G38	Gauge fields
	Including gauge theories
793.3.G46	Geometry, Algebraic
793.3.H44	Helicity
793.3.H5	High energy physics
	Invariance see QC793.3.S9
	Ionospheric influences see QC793.3.C6
	Isospin see QC793.3.S6
793.3.K5	Kinematics
793.3.L53	Lie algebras
	Lifetime see QC793.3.D4
	Magnetic dipole moment see QC793.3.S6
793.3.M3	Magnetic fields
793.3.M36	Matrix theories
	Molecules, Nuclear see QC793.3.N82
	Momentum see QC793.3.S6
	Nuclear cluster theory see QC793.3.S8
	Nuclear emulsions see QC793.47.P4
	Nuclear forces see QC793.3.B5
793.3.N8	Nuclear matter
	Nuclear models see QC793.3.S8
793.3.N82	Nuclear molecules
	Nuclear orientation see QC793.3.S6
793.3.N83	Nuclear shapes
	Particle accelerators see QC787.P3
	Particle beams see QC793.3.B4
	Phase shift see QC794.6.S3
	Photography. Nuclear emulsions see QC793.47.P4
	Polarization see QC794.6.S3
	Problem of many bodies see QC174.17.P7
793.3.Q35	Quantum chromodynamics
793.3.Q37	Quantum flavor dynamics
	Quantum theory see QC174.45+
793.3.R4	Regge trajectories
	Cf. QC174.17.G7 Group theory applied to quantum theory
	Relaxation see QC762.6.R44
	Renormalization theory see QC174.17.R46
	Resonance. Resonance integral see QC794.6.R4
	Scattering see QC794.6.S3
	Shapes, Nuclear see QC793.3.N83
793.3.S57	Space and time
	Cf. QC173.59.S65 Relativity physics

Nuclear and particle physics. Atomic energy. Radioactivity
Elementary particle physics
Special topics, A-Z -- Continued
Spectroscopy see QC454.N8
793.3.S6 Spin. Moments. Magnetic dipole moment. Nuclear orientation
793.3.S77 Statistical mechanics
793.3.S8 Structure
Including nuclear models and nuclear cluster theory
793.3.S9 Symmetry. Invariance
Cf. QC174.17.S9 Quantum theory
793.3.T67 Tracks
Transitions see QC454.N8
793.3.T7 Transport theory
793.3.V5 Violations
793.3.W3 Wave mechanics
793.3.W4 Weight diagrams
Study and teaching. Research
793.4 General works
793.412 Experiments
793.42 Problems, exercises, examinations
Technique
793.46 General works
793.47.A-Z Special, A-Z
793.47.E4 Electronic data processing
793.47.P4 Photography. Nuclear emulsions
793.47.S83 Statistical methods
Instruments and apparatus see QC785.5+
793.49 Miscellany and curiosa
793.5.A-Z Special nuclear and subnuclear particles, antiparticles, and families of particles, A-Z
793.5.A22-.A229 Alpha particles. Alpha rays (Table Q2)
793.5.A25-.A259 Anyons (Table Q2)
793.5.B32-.B329 Baryons (Table Q2)
793.5.B42-.B429 Beta particles. Beta rays (Table Q2)
793.5.B62-.B629 Bosons (Table Q2)
Including intermediate, W, and Z bosons
793.5.C64-.C649 Cold neutrons (Table Q2)
Including ultracold neutrons
793.5.D42-.D429 Delayed neutrons (Table Q2)
793.5.D442-.D4429 Delayed protons (Table Q2)
793.5.D482-.D4829 Deuterons (Table Q2)
793.5.E62-.E629 Electrons (Table Q2)
Including synchrotron radiation
Cf. QC449.3 Electron holography
793.5.F32-.F329 Fast neutrons (Table Q2)
793.5.F42-.F429 Fermions (Table Q2)
793.5.G32-.G329 Gamma rays (Table Q2)
793.5.G552-.G5529 Gluons (Table Q2)
793.5.H32-.H329 Hadrons (Table Q2)
Cf. QC794.8.S8 Strong interactions
793.5.H34-.H349 Heavy leptons (Table Q2)
793.5.H42-.H429 Hyperons (Table Q2)
Including sigma particles and Y-particles
Intermediate bosons see QC793.5.B62+
Kaons see QC793.5.M42+

Nuclear and particle physics. Atomic energy. Radioactivity
Elementary particle physics
Special nuclear and subnuclear particles, antiparticles, and families of particles, A-Z -- Continued

793.5.L42-.L429	Leptons (Table Q2)
	Cf. QC793.5.H34+ Heavy leptons
	Cf. QC794.8.W4 Weak interactions
793.5.M32-.M329	Magnons (Table Q2)
793.5.M42-.M429	Mesons (Table Q2)
	Including kaons, muons, and pions
	Muons see QC793.5.M42+
793.5.N42-.N429	Neutrinos (Table Q2)
793.5.N462-.N4629	Neutrons (Table Q2)
793.5.N82-.N829	Nucleons (Table Q2)
793.5.N862-.N8629	Nuclides (Table Q2)
	Phonons see QC176.8.P5
793.5.P42-.P429	Photons (Table Q2)
	Cf. QC176.8.P6 Polaritons
	Cf. QC794.8.E4 Electromagnetic interactions
	Pions see QC793.5.M42+
	Polarons see QC176.8.P62
793.5.P58-.P589	Pomerons (Table Q2)
793.5.P62-.P629	Positrons (Table Q2)
793.5.P642-.P6429	Prompt neutrons (Table Q2)
793.5.P72-.P729	Protons (Table Q2)
793.5.Q252-.Q2529	Quarks (Table Q2)
793.5.Q32-.Q329	Quasi-particles (Table Q2)
	Sigma particles see QC793.5.H42+
793.5.S62-.S629	Slow neutrons (Table Q2)
793.5.S72-.S729	Strange particles (Table Q2)
793.5.T32-.T329	Tachyons (Table Q2)
793.5.T37-.T379	Thermal electrons (Table Q2)
793.5.T42-.T429	Thermal neutrons (Table Q2)
	W bosons see QC793.5.B62+
	Y-particles see QC793.5.H42+
	Z bosons see QC793.5.B62+
	Nuclear interactions
	Cf. QC454.N8 Nuclear spectroscopy
793.9	Periodicals, societies, congresses, serial publications
793.95	Collected works (nonserial)
794	General works, treatises, and textbooks
794.5	Addresses, essays, lectures
794.6.A-Z	Special topics, A-Z
794.6.A5	Angular distribution. Angular correlations
794.6.C58	Coherence
794.6.C6	Collisions
794.6.C7	Cross section of interactions
	Decay see QC794.6.R3
794.6.E9	Excitation
	Cf. QC795.8.E5 Energy levels
794.6.F4	Feynman diagrams
794.6.F65	Form factor
794.6.G7	Grand unified theories
794.6.I5	Internal conversion
794.6.I8	Isotone shift. Isotope shift
794.6.K5	Kinematics

Nuclear and particle physics. Atomic energy. Radioactivity
Nuclear interactions
Special topics, A-Z -- Continued

794.6.M6	Moments
794.6.M85	Multiplicity
	Polarization see QC794.6.S3
794.6.R25	Radiative capture
794.6.R3	Radioactivity. Decay
794.6.R4	Resonance. Resonance integral
794.6.S3	Scattering
	Including elastic scattering, inelastic scattering, polarization, etc.
794.6.S75	Standard model
794.6.S8	Stopping power
794.6.S85	String models
	Including superstring theories
	Transitions see QC454.N8
794.8.A-Z	Special types of interactions, A-Z
794.8.D57	Direct
794.8.E35	Effective
794.8.E4	Electromagnetic
	Cf. QC793.5.P42+ Photons
794.8.E44	Electroweak
794.8.E93	Exclusive
794.8.G7	Gravitational
794.8.H4	Heavy ion induced
	Including heavy ion collisions
794.8.H5	High energy
	Cf. QC793.3.H5 High energy physics
	Hyperfine see QC762.6.H94
794.8.I52	Inclusive
794.8.L69	Low-energy nuclear reactions
794.8.P4	Photonuclear
	Cf. QC715+ Photoelectricity
794.8.S7	Spallation
794.8.S8	Strong
	Cf. QC793.5.H32+ Hadrons
794.8.W4	Weak
	Cf. QC793.5.L42+ Leptons

Radioactivity and radioactive substances
Including ionizing radiation
Cf. QC474+ Radiation physics
Cf. QC913+ Meteorological aspects
Cf. QD601+ Radiochemistry
Cf. QE501.4.N9 Nuclear geophysics
Cf. QH543.5+ Radiobiology

794.95	Periodicals, societies, congresses, serial publications
794.96	Collected works (nonserial)
794.97	Dictionaries and encyclopedias
794.98	History
795	General works, treatises, and textbooks
795.26	Popular works
795.27	Juvenile works
795.28	Addresses, essays, lectures
795.3	Special aspects of the subject as a whole
795.32.A-Z	Special topics, A-Z
795.32.R3	Radiation dosimetry in physics

Nuclear and particle physics. Atomic energy. Radioactivity
Radioactivity and radioactive substances
Special topics, A-Z -- Continued
795.32.S3 Safety measures for physicists
Cf. RA1231.R2 Toxicology
Cf. TK9152+ Nuclear engineering
Study and teaching. Research
795.34 General works
795.36 Experiments
795.38 Laboratory manuals
Laboratories see QD604.8+
Technique
Cf. TK9151.4+ Radiation environment procedures
795.4 General works
795.42 Measurement of radioactivity and ionizing radiation
795.5 Instruments and apparatus (General)
For individual instruments see QC785.5+
795.52 Handbooks, tables, formulas, etc.
795.55.A-Z Special types of radioactivity, A-Z
795.55.I5 Induced radioactivity
Radioactive substances and radioisotopes
Cf. TK9400+ Nuclear engineering
795.6 Periodicals, societies, congresses, serial publications
795.64 Dictionaries and encyclopedias
795.7 General works, treatises, and textbooks
795.74 Juvenile works
Study and teaching. Research
795.76 General works
795.77 Experiments
795.78 Laboratory manuals
795.8.A-Z Special topics, A-Z
Prefer classification by specific substance in QC796
795.8.D4 Decay
795.8.E5 Energy levels
795.8.F5 Fission products
795.8.H3 Half-life
795.8.I5 Internal conversion
Isobars, Nuclear see QC795.8.N8
795.8.N8 Nuclear isomers. Nuclear isobars
795.8.R3 Radionuclides
795.8.S6 Spectra
For spectra of specific substances see QC462+
Standards see TK9400+
795.8.T45 Thermal properties
Transportation see HE199.5.R3+
796.A-Z Special radioactive substances and radioisotopes, A-Z (Table Q1)
796.2 Superheavy elements
Cf. QD172.S93 Inorganic chemistry
Applications
For applications in special fields, see the field, e.g. QH324.3, Tracers in biological research; RM858, Radioisotopes in therapeutics; TK9400-9401, Radioactive substances in industry
798.A1 General works, treatises, and textbooks
798.A2-Z Individual, A-Z
798.D3 Dating
798.T7 Tracers

Geophysics. Cosmic physics
Cf. GB5000+ Natural disasters
801 Periodicals, societies, congresses, serial publications
801.3 International Geophysical Committee. International Geophysical Year
801.4 International Years of the Quiet Sun
801.5 Collected works (nonserial)
801.9 Dictionaries and encyclopedias
Observations
802.A1 General works, treatises, and textbooks
802.A2-Z By name of issuing observatory, A-Z
Prefer QC803
803.A-Z By region or country, A-Z
804 History
Biography
805.A2 Collective
805.A3-Z Individual, A-Z
806 General works, treatises, and textbooks
806.4 Juvenile works
806.6 Addresses, essays, lectures
807 Special aspects of the subject as a whole
Study and teaching. Research
807.5 General works
807.52 Problems, exercises, examinations
807.6.A-Z By region or country, A-Z
Observatories
808.A2 General works
808.A5-Z By region or country, A-Z
Under each country:
.x *General works*
.x2A-.x2Z *Individual observatories. By name, A-Z*
808.5 Technique. Instructions for observers
808.6 Data processing
808.7 Instruments and apparatus
808.8 Handbooks, tables, formulas, etc.
809.A-Z Special topics, A-Z
809.A25 Acoustic phenomena
809.C6 Cosmic noise
Earth radiation see QC809.T4
809.E15 Earth resistance
809.E2 Earth tides
809.E5 Elastic waves
809.E55 Electrodynamics
Cf. QB460+ Astrophysics
809.E6 Energy budget. Heat budget
809.F5 Fluid dynamics
Heat budget see QC809.E6
809.M25 Magnetic fields. Geomagnetic micropulsations
809.M3 Magnetohydrodynamics
809.M35 Magnetosphere. Magnetopause
809.M37 Mathematics
Nuclear astrophysics see QB463+
Nuclear geophysics see QE501.4.N9
809.P3 Paleogeophysics
809.P5 Plasmasphere. Space plasmas
809.R3 Radiation
Solar wind see QB529+

	Geophysics. Cosmic physics
	Special topics, A-Z -- Continued
	Space plasmas see QC809.P5
809.S67	Spectral theory
809.T38	Terrestrial heat flow
809.T4	Terrestrial radiation
809.V3	Van Allen radiation belts
	Geomagnetism
	Cf. QC750+ Magnetism
	Cf. QE501.4.P35 Paleomagnetism
811	Periodicals, societies, congresses, serial publications
811.15	Collected works (nonserial)
813	History
814	Early works through 1800
	General works, treatises, and textbooks
815	1801-1969
815.2	1970-
815.5	Juvenile works
815.7	Addresses, essays, lectures
816	Special aspects of the subject as a whole
	Observatories
818.A2	General works
818.A5-Z	By region or country, A-Z
	Under each country:
	.x *General works*
	.x2A-.x2Z *Individual observatories. By name, A-Z*
819	Instruments and apparatus
	Including magnetometer
820	Technique. Instruction for observers
820.6	Data processing
821	Handbooks, tables, formulas, etc.
822	Maps and mapping
	Including construction, use, and interpretation of maps
	Magnetic surveys
	Geographic areas below are not subarranged by country
825	General works
825.1	North America
825.2	Mexico, Central America, and West Indies
825.3	South America
825.4	Europe
825.5	Asia
825.6	Africa
825.7	Australia
825.75	New Zealand
825.8	Arctic regions
825.9	Antarctica
826.A-Z	Oceanic areas, A-Z
	Geomagnetic field (Analysis and theory)
827	General works
828	Secular variation
	Magnetic observations
830.A-Z	General works. By name of issuing observatory, A-Z
831	Diurnal variations
833	Other periodic variations
835	Magnetic disturbances
	Including magnetic storms

Geomagnetism
Magnetic observations -- Continued
Geomagnetism and related aspects
836 Sunspot periods
837 Eclipses
839 Meteorological phenomena
841 Geological structure
843 Earthquakes
845 Earth currents
849 Deviation of the magnetic compass and other magnetic instruments. Magnetism of ships and aircraft
Cf. TL589.2.C6 Aeronautical instruments
Cf. VK577 Nautical instruments
Meteorology. Climatology
Including the earth's atmosphere and atmospheric physics
For works on the composite generalization of weather conditions of specific geographic areas during a specific period of time with reference to average conditions and their variability see QC980+
Cf. GB2801+ Hydrometeorology
Cf. N72.M48 Art and meteorology
Cf. QB603.A85 Planetary meteorology
Cf. S600+ Agricultural meteorology
Cf. SD390.5+ Forest meteorology
Cf. SH343.3 Fishery meteorology
Cf. TA197+ Engineering meteorology
Cf. TL556+ Aeronautical meteorology
Cf. UG467 Military meteorology
851 Periodicals, societies, congresses, serial publications
852 Collected works (nonserial)
854 Dictionaries and encyclopedias
854.15 Communication of meteorological information
For computer network resources see QC866.5.C67
For exchange of meteorological information see QC866.5.E93
854.2 Nomenclature, terminology, notation, abbreviations
History
855 General works
857.A-Z By region or country, A-Z
Biography
858.A2 Collective
858.A3-Z Individual, A-Z
859 Early works through 1800
General works, treatises, and advanced textbooks
861 1801-1969
861.2 1970-2000
861.3 2001-
863 Elementary textbooks
863.4 Popular works
Including works for hobbyists
863.5 Juvenile works
864 Handbooks, tables, formulas, etc.
Cf. QC871.4 Observers' manuals
Cf. QC873 Computation tables
865 Addresses, essays, lectures
866 Special aspects of the subject as a whole
866.5.A-Z Special topics, A-Z
866.5.C65 Communication systems

Meteorology. Climatology
Special topics, A-Z -- Continued
866.5.C67 Computer network resources
Including the Internet
866.5.E93 Exchange of meteorological information
866.5.G46 Geographic information systems
866.5.I5 International cooperation
Cf. QC875.2.A+ International projects, programs, etc.
866.5.P4 Photography (General)
Study and teaching. Research
869 General works
869.15 Outlines, syllabi
869.2 Programmed instruction
869.3 Problems, exercises, examinations
869.4.A-Z By region or country, A-Z
869.5 Meteorology as a profession. Vocational guidance
870 Miscellany and curiosa
Technique. Instructions for observers
871 Methods of observation
871.2 Observation forms, blanks, etc.
871.4 Observers' manuals
872 Telegraphic cipher codes for meteorological data
873 Computation tables (General)
Synoptic meteorology. Computation and analysis
874 General works
874.3 Data processing
874.5 Statistical methods
874.8 Laboratory manuals
Meteorological stations and observatories. Weather services
Including marine meteorological services
875.A2 General works
875.A5-Z By region or country, A-Z
Under each country:
.x *General works*
.x2A-.x2Z *Individual observatories. By name, A-Z*
875.2.A-Z Individual international projects, programs, etc. By name, A-Z
Meteorological instruments
For instruments of special fields, see the field, e.g., for Rain gauges see QC926
875.5 Periodicals, societies, congresses, serial publications
875.7 History
876 General works, treatises, and textbooks
876.5 Juvenile works
876.6 Addresses, essays, lectures
Museums. Exhibitions
876.7.A1 General works
876.7.A2-Z By region or country, A-Z
Subarrange each country by Table Q5
877 Weather signals, storm warnings, etc.
877.5 Weather broadcasting
Including radio and television weathercasting
878 Construction of weather maps, charts, etc.
Aeronomy. Upper atmosphere
878.5 Periodicals, societies, congresses, serial publications
878.6 Collected works (nonserial)
879 General works, treatises, and textbooks
879.15 Juvenile works

Meteorology. Climatology
Aeronomy. Upper atmosphere -- Continued
879.2 Addresses, essays, lectures
Study and teaching. Research
879.23 General works
879.232.A-Z By region or country, A-Z
879.25 Instruments and apparatus
Aeronautics in meteorology
Including sounding balloons, kites, etc.
Cf. TL556+ Meteorology in aeronautics
879.3 Periodicals, societies, congresses, serial publications
879.35 General works, treatises, and textbooks
879.36 Addresses, essays, lectures
Astronautics in meteorology
Including weather satellites, rockets, etc.
879.4 Periodicals, societies, congresses, serial publications
879.5 General works, treatises, and textbooks
879.53 Juvenile works
879.54 Addresses, essays, lectures
879.55.A-Z Special topics, A-Z
879.55.P4 Photography
Including automatic picture receiving and transmission, etc.
Stations, networks, and programs
879.56 General works
879.562.A2-Z By region or country, A-Z
Under each country:
.x *General works*
.x2A-.x2Z *Individual stations, networks, and programs. By name, A-Z*
879.57 Handbooks, tables, formulas, etc.
Observations. Data summaries
879.59.A1 General works, treatises, and textbooks
879.59.A3-Z By region or country, A-Z
Atmospheric chemistry
879.6 General works
Atmospheric ozone
Including ozone layer depletion
879.7 General works, treatises, and textbooks
879.712 Juvenile works
Observations. Data summaries
879.72 General
879.73.A-Z By region or country, A-Z
879.8 Atmospheric carbon dioxide
879.85 Atmospheric methane
879.9.A-Z Other chemical substances, A-Z
879.9.D55 Dimethyl sulfide
879.9.M47 Mercury
879.9.N57 Nitrogen compounds
879.9.O73 Organic compounds
879.9.P47 Peroxides
Radon see QC913.2.R3
Dynamic meteorology
Including mechanics and thermodynamics of the atmosphere (combined)
Cf. QC930.5+ Wind
880 General works
880.2 Addresses, essays, lectures
880.4.A-Z Special topics, A-Z

Meteorology. Climatology
Dynamic meteorology
Special topics, A-Z -- Continued

880.4.A3	Adiabatic processes
880.4.A5	Air masses
	Cf. QC981.8.A5 Climatology
880.4.A8	Atmospheric circulation
880.4.B35	Baroclinicity
880.4.B55	Blocking
880.4.B65	Boundary layer
	Clear air turbulence see QC880.4.T8
880.4.C64	Convection
880.4.C65	Coriolis force
880.4.C79	Cryosphere
880.4.D44	Diffusion
880.4.D5	Divergence. Convergence
	Eddy flux see QC880.4.T8
880.4.E7	Equations of motion
880.4.F7	Fronts. Frontogenesis
880.4.H54	High pressure systems
880.4.L68	Low pressure systems
880.4.M52	Microbursts
880.4.P6	Power spectra
880.4.R6	Rossby waves
880.4.S56	Singularities
880.4.S65	Squalls. Squall lines
880.4.T5	Thermodynamics
880.4.T7	Transport phenomena
880.4.T8	Turbulence
	Including clear air turbulence and eddy flux
880.4.V6	Vorticity
880.4.W3	Waves

Atmospheric shells (General)
Including composition of the atmosphere

881	General works
881.2.A-Z	Specific shells, A-Z
881.2.C4	Chemosphere
881.2.D2	D region
881.2.E2	E region
881.2.E9	Exosphere
881.2.F2	F region
881.2.H43	Heliosphere
881.2.H48	Heterosphere
881.2.H6	Homosphere
881.2.I6	Ionosphere
	Magnetosphere. Magnetopause see QC809.M35
881.2.M3	Mesosphere. Mesopause
881.2.M53	Middle atmosphere
881.2.N4	Neutrosphere
881.2.O9	Ozonosphere. Ozone layer
881.2.S8	Stratosphere. Stratopause
881.2.T4	Thermosphere
881.2.T7	Triptosphere. Triptopause
881.2.T75	Troposphere. Tropopause

Meteorology. Climatology -- Continued
Atmospheric pollutants
Cf. QC929.D9 Dust (Aqueous vapor)
Cf. TD881+ Air pollution
882 General works
Aerosols
882.4 Periodicals, societies, congresses, serial collections
882.42 General works, treatises, and textbooks
882.46 Technique
882.5 Dust
Cf. TD884.5 Air pollution
882.6 Smoke plumes
Cf. TD884 Air pollution
Cosmic relations. Influence on sun and moon, etc.
883 General works
883.2.A-Z Special topics, A-Z
883.2.A8 Atmospheric tides
883.2.C5 Climatic periodicity
883.2.S6 Solar activity. Solar climate
Mesometeorology
883.4 Periodicals, societies, congresses, serial publications
883.42 Collected works (nonserial)
883.5 General works, treatises, and textbooks
883.52 Addresses, essays, lectures
Observations. Data summaries
883.54 General works, treatises, and textbooks
883.56.A-Z By region or country, A-Z
Micrometeorology
883.7 Periodicals, societies, congresses, serial publications
883.72 Collected works (nonserial)
883.8 General works, treatises, and textbooks
883.82 Addresses, essays, lectures
Observations. Data summaries
883.84 General works, treatises, and textbooks
883.86.A-Z By region or country, A-Z
Paleoclimatology
Cf. QE697+ Geology
884 General works
884.2.A-Z Special topics, A-Z
884.2.C5 Climatic variations
884.2.D4 Dendroclimatology
Cf. QK477.2.A6 Annual rings
884.5.A-Z By region or country, A-Z
Atmospheric pressure
Cf. QC934 Relation to wind
885 General works, treatises, and textbooks
885.2 Charts, diagrams, maps, etc.
Observations. Data summaries
885.4 General works
885.6.A-Z By region or country, A-Z
Mercury barometers and barographs
886 General works
887 Tables for reductions
889 Distribution, isobars, etc.
891 Variations and oscillations
895 Barometric hypsometry

Meteorology. Climatology
Atmospheric pressure -- Continued
896 Aneroid barometers and barographs
Temperature and radiation
Atmospheric temperature
Cf. QC934.2 Wind chill
Cf. TL557.A8 Aeronautical meteorology
Observations
Including distribution, isotherms
901.A1 General works, treatises, and textbooks
901.A3-Z By region or country, A-Z
902 Instruments and apparatus
Variations. Climatic changes
Including global temperature changes, etc.
902.8 Periodicals, societies, congresses, serial publications
Communication of information
902.9 General works
902.92 Information resources
902.93 Computer network resources
Including the Internet
Cf. QC981.8.G56 Global warming
903 General works, treatises, and textbooks
903.15 Juvenile works
903.2.A-Z By region or country, A-Z
905 Winter temperatures
906 Summer temperatures
(907) Temperature of the earth
see QE509
Temperature of the sea see GC160+
(909) Temperature of rivers, lakes, and springs
see GB651+
Solar radiation. Sunshine
910.2 Periodicals, societies, congresses, serial publications
910.5 Collected works (nonserial)
911 General works, treatises, and textbooks
911.2 Juvenile works
911.3 Addresses, essays, lectures
911.6 Handbooks, tables, formulas, etc.
Observations. Data summaries
911.8 General works, treatises, and textbooks
911.82.A-Z By region or country, A-Z
912 Instruments and apparatus
Including actinometers, pyrheliometers, sunshine recorders, etc.
912.2.A-Z Special topics, A-Z
912.2.S64 Solar constant
912.3 Atmospheric radiation
Including greenhouse effect
912.5 Albedo
912.55 Global radiation
Atmospheric radioactivity
913 General works
913.2.A-Z Special topics, A-Z
913.2.A8 Atomic energy
Including radioactive fallout
Cf. TD887.R3 Radioactive pollution
913.2.R3 Radon

Meteorology. Climatology -- Continued
Aqueous vapor
Humidity. Hygrometry
915 General works
Evaporation and evapotranspiration
915.5 General works
Observations. Data summaries
915.6 General works
915.7.A-Z By region or country, A-Z
916 Instruments and apparatus
Including hydrometers, psychrometers, etc.
917 Handbooks, tables, formulas, etc.
920 Forms of water (General)
Clouds
Cf. TL557.C6 Aeronautical meteorology
920.7 Periodicals, societies, congresses, serial publications
920.8 Collected works (nonserial)
921 General works, treatises, and textbooks
921.3 Pictorial works and atlases
921.35 Juvenile works
921.37 Addresses, essays, lectures
Observations. Data summaries
921.375 General works, treatises, and textbooks
921.377.A-Z By region or country, A-Z
Cloud forms and classification. Formation
921.4 General works
921.43.A-Z Special forms, A-Z
921.43.C57 Cirrus
921.43.C78 Cumulonimbus
921.43.C8 Cumulus
921.43.N3 Nacreous (Mother-of-pearl)
Noctilucent see QC976.N6
921.43.S8 Stratus
Cloud physics
921.48 Periodicals, societies, congresses, serial publications
921.5 General works, treatises, and textbooks
921.55 Addresses, essays, lectures
921.6.A-Z Special topics, A-Z
921.6.C6 Condensation nuclei
Including cloud droplets, ice crystals, etc.
921.6.C65 Convection
921.6.D95 Dynamics
921.6.E4 Electrification
921.6.T4 Thermodynamics of clouds
Observations of altitude, motion, etc.
922 General works, treatises, and textbooks
923 Instruments and apparatus
Including ceilometer
924.A-Z By region or country, A-Z
Rain and rainfall
Cf. BV283.F3 Prayers for rain
Cf. QE581 Erosion
Cf. S622+ Soil conservation
Cf. SD390.7.R34 Forest meteorology
Cf. TD418 Rainwater (Water supply)
924.5 Periodicals, societies, congresses, serial publications

Meteorology. Climatology
Aqueous vapor
Rain and rainfall -- Continued

924.6	Collected works (nonserial)
924.7	Juvenile works
925	General works, treatises, and textbooks
	Observations. By region or country
	North America, United States and Canada
925.1.A1	North America (General)
	Canada
925.1.C2	General works
925.1.C3A-.C3Z	By region, province, etc., A-Z
	United States
925.1.U2-.U799	General works
925.1.U8A-.U8Z	By region or state, A-Z
	Mexico, Central America, and West Indies
925.2.A1	General works
925.2.A3-Z	By country, island, or region, A-Z
	Subarrange each country or island by Table Q4
	South America
925.3.A1	General works
925.3.A3-Z	By country, island, or region, A-Z
	Subarrange each country or island by Table Q4
	Europe
925.4.A1	General works
925.4.A3-Z	By country, island, or region, A-Z
	Subarrange each country or island by Table Q4
	Asia
925.5.A1	General works
925.5.A3-Z	By country, island, or region, A-Z
	Subarrange each country or island by Table Q4
	Africa
925.6.A1	General works
925.6.A3-Z	By country, island, or region, A-Z
	Subarrange each country or island by Table Q4
	Atlantic Ocean islands
925.65.A1	General works
925.65.A3-Z	By country, island, or region, A-Z
	Subarrange each country or island by Table Q4
	Australia
925.7	General works
925.71.A-Z	Local, A-Z
	New Zealand
925.72	General works
925.73.A-Z	Local, A-Z
	Pacific Ocean islands
925.8.A1	General works
925.8.A3-Z	By country, island, or region, A-Z
	Subarrange each country or island by Table Q4
925.82	Tropics
925.9	Arctic regions
925.95	Antarctica
926	Instruments and apparatus
	Including rain gauges
926.2	Data processing

Meteorology. Climatology
Aqueous vapor
Rain and rainfall -- Continued
926.24 Raindrops
Including raindrop size
Snow. Ice. Blizzards
Cf. GB641+ Frozen ground
Cf. GB2401+ Ice on the ground
Cf. GB2601+ Snow on the ground
926.3 Periodicals, societies, congresses, serial publications
926.32 General works, treatises, and advanced textbooks
926.36 Pictorial works
926.37 Juvenile works
By region or country
United States
926.43 General works
926.44.A-Z By region or state, A-Z
Subarrange each state by Table Q4
926.45.A-Z Other regions or countries, A-Z
Subarrange each country by Table Q4
Acid precipitation. Acid rain
Cf. TD195.4+ Environmental pollutants
926.5 Periodicals, societies, congresses, serial publications
926.52 General works, treatises, and advanced textbooks
By region or country
United States
926.55 General works
926.56.A-Z By region or state, A-Z
Subarrange each state by Table Q4
926.57.A-Z Other regions or countries, A-Z
Subarrange each country by Table Q4
Weather and cloud modification
Including weather control
Cf. QC921.48+ Cloud physics
926.6 Periodicals, societies, congresses, serial publications
928 General works, treatises, and textbooks
928.4 Juvenile works
928.6 Rainmaking. Cloud seeding
By region or country
United States
928.7 General works
928.72.A-Z By region or state, A-Z
928.74.A-Z Other regions or countries, A-Z
929.A-Z Other topics, A-Z
Including other forms of precipitation
929.A8 Avalanches
Blizzards see QC926.3+
929.D5 Dew formation
(929.D8) Droughts
see QC929.2+
929.D9 Dust influences
929.F7 Fog
Cf. TL557.F6 Aeronautical meteorology
929.F8 Forest influences
Frost see QC929.H6
929.G4 Glaze

Meteorology. Climatology
Aqueous vapor
Other topics, A-Z -- Continued
929.H15 Hail
929.H6 Hoarfrost
Ice see QC926.3+
929.R17 Rain shadows
929.R2 Rain without clouds
Rainmaking see QC928.6
929.S43 Sea salt aerosols
929.S5 Showers of miscellaneous matter
929.S6 Smoke influences
(929.S7) Snow. Ice. Blizzards
see QC926.3+
Droughts
929.2 Periodicals, societies, congresses, serial publications
929.24 General works, treatises, and advanced textbooks
929.25 Juvenile works
By region or country
United States
929.26 General works
929.27.A-Z By region or state, A-Z
Subarrange each state by Table Q4
929.28.A-Z Other regions or countries, A-Z
Subarrange each country by Table Q4
Wind
Cf. QC880+ Dynamic meteorology
Cf. TA654.5 Wind loads on structures
Cf. TL557.A5 Aeronautical meteorology
Cf. VK543+ Sailing
930.5 Periodicals, societies, congresses, serial publications
930.6 Collected works (nonserial)
930.7 Dictionaries and encyclopedias
931 General works, treatises, and textbooks
931.4 Juvenile works
931.6 Addresses, essays, lectures
931.8 Charts, diagrams, maps, etc.
932 Instruments and apparatus
Including anemometers
932.5 Handbooks, tables, formulas, etc.
933 Direction and velocity
934 Wind relation to atmospheric pressure
934.2 Wind in relation to atmospheric temperature. Wind chill
935 Upper currents. Jet stream
939.A-Z Constant, local, and periodic winds, A-Z
939.B67 Bora
939.C76 Crosswinds
939.F6 Föhn, Chinook, etc.
939.G73 Gregale
939.K37 Katabatic winds
939.L37 Land and sea breezes
939.M7 Monsoons
939.M8 Mountain and valley winds
Including Santa Ana
939.N8 Northers
Sea and land breezes see QC939.L37

Meteorology. Climatology
Wind
Constant, local, and periodic winds, A-Z -- Continued
939.T7 Trade winds
Observations
940.A1 General works, treatises, and textbooks
940.A2-Z By region or country, A-Z
e.g.
940.A8 North Atlantic Ocean
Storms. Cyclones
Cf. GC225+ Storm surges
Cf. HV635.5+ Disaster relief and socioeconomic consequences
Cf. QC926.3+ Snow. Ice. Blizzards
Cf. QC968+ Thunderstorms
Cf. TL557.S7 Aeronautical meteorology
940.6 Periodicals, societies, congresses, serial publications
941 General works, treatises, and textbooks
941.3 Juvenile works
941.8 Miscellany and curiosa
Theoretical aspects
Including dynamic meteorological aspects
942 General works
943 Application to navigation
943.5.A-Z By region or country, A-Z
Hurricanes and other cyclonic storms
944 General works, treatises, and textbooks
944.2 Juvenile works
By geographical location
945 Atlantic Ocean and West Indies
Including tropical cyclones, northeaster storms
947 India, Pakistan, and the Indian Ocean
948 China Seas and Pacific Ocean. Far East
Including typhoons
951 Instruments and apparatus
Including barocyclonometer
Tornadoes
955 General works
955.2 Juvenile works
955.5.A-Z By region or country, A-Z
957 Waterspouts
958 General works
959.A-Z By region or country, A-Z
Electrical phenomena in the atmosphere
Cf. QC801+ Geophysics. Cosmic physics
Cf. QC972.6+ Radio meteorology
960.5 Periodicals, societies, congresses, serial publications
961 General works, treatises, and textbooks
961.2 Addresses, essays, lectures
961.5 Technique. Instructions for observers
962 Instruments and apparatus
963 Observations of potential variation
Lightning (General)
Cf. GR640 Folklore
Cf. TH9057+ Protection of buildings from lightning
966 General works
966.5 Juvenile works

Meteorology. Climatology
Electrical phenomena in the atmosphere
Lightning (General) -- Continued
966.7.A-Z Special topics, A-Z
Arresters see TK3248
966.7.A84 Atmospheric ionization
966.7.B3 Ball lightning
966.7.D5 Discharge. Flash
Thunderstorms (General)
968 General works
968.2 Juvenile works
969 Miscellaneous electrical phenomena
Auroras
Cf. QB524+ Solar activity
Cf. QC835 Magnetic disturbance
Cf. QC976.A3 Airglow
970 Periodicals, societies, congresses, serial publications
971 General works, treatises, and textbooks
971.3 Pictorial works and atlases
971.4 Juvenile works
971.5 Addresses, essays, lectures
Observations
971.7.A1 General works, treatises, and textbooks
971.7.A2-Z By region or country, A-Z
972.A-Z Special topics, A-Z
972.L8 Luminescence
972.L85 Luminosity
972.P4 Photography
972.S6 Spectra
972.5.A-Z Special types of aurora, A-Z
972.5.A8 Australis
972.5.B6 Borealis
Northern lights see QC972.5.B6
Polaris see QC972.5.B6
972.5.R3 Radio auroras
Radio meteorology. Microwave meteorology
972.6 Periodicals, societies, congresses, serial publications
972.7 Collected works (nonserial)
973 General works, treatises, and textbooks
973.2 Addresses, essays, lectures
973.3 Instruments and apparatus
973.4.A-Z Special topics, A-Z
973.4.A85 Atmospherics
973.4.C4 Chorus. Dawn chorus
973.4.I6 Ionospheric radio waves
Including absorption, propagation, etc.
973.4.M33 Magnetospheric radio waves
Radio auroras see QC972.5.R3
973.4.R3 Radio noise
973.4.R35 Radio refractivity
Sferics see QC973.4.A85
973.4.T76 Tropospheric radio waves
Including absorption, propagation, etc.
973.4.V2 VLF emissions, propagation, etc.
973.4.W5 Whistlers
Radar meteorology

Meteorology. Climatology
Radio meteorology. Microwave meteorology
Radar meteorology -- Continued
973.45 Periodicals, societies, congresses, serial publications
973.5 General works, treatises, and textbooks
973.6 Addresses, essays, lectures
Radar stations
973.62.A1 General works
973.62.A2-Z By region or country, A-Z
973.7 Instruments and apparatus
Including rawinsondes
973.8.A-Z Special topics, A-Z
973.8.E3 Echoes
973.8.R4 Refraction
973.8.W4 Weather radar networks
Meteorological optics
974.5 Periodicals, societies, congresses, serial publications
974.6 Collected works (nonserial)
General works, treatises, and textbooks
975 1801-1969
975.2 1970-
975.3 Juvenile literature
975.6 Addresses, essays, lectures
975.8 Handbooks, tables, formulas, etc.
Observations
975.9.A1 General works, treatises, and textbooks
975.9.A2-Z By region or country, A-Z
976.A-Z Special topics, A-Z
976.A3 Airglow
976.C6 Coloration of the sky
(976.C7) Counterglow
see QB761
Gegenschein see QB761
976.H15 Halos
976.L36 Laser beam propagation
976.M6 Mirages
976.N5 Night sky
976.N6 Noctilucent clouds
976.P7 Polarization
976.R15 Rain band spectrum
976.R2 Rainbow
976.R4 Atmospheric refraction
976.S3 Scattering
976.T6 Transmission of the atmosphere
976.T7 Transparency of the atmosphere
976.T8 Turbidity
976.T9 Twilight phenomena
976.U4 Ultraviolet rays
976.V5 Visibility
Cf. TL557.V5 Aeronautical meteorology

Meteorology. Climatology -- Continued
Climatology and weather
Class here works on the composite generalization of weather conditions of specific geographic areas during a specific period of time with reference to average conditions and their variability
Cf. BF353 Psychological aspects
Cf. GF71 Human ecology
Cf. NA2541 Architecture and climate
Cf. QC884+ Paleoclimatology
Cf. QH543+ Bioclimatology
Cf. RA791+ Medical climatology
Cf. S600+ Agricultural climatology
Cf. TA198 Industry and weather
Cf. TH7015 Heating and ventilation
Cf. TL556+ Aviation climatology

980 Periodicals, societies, congresses, serial publications
980.15 Collected works (nonserial)
Dictionaries and encyclopedias see QC854
980.4 Classification of climate
Including indexes
Biography see QC858.A2+
981 General works, treatises, and textbooks
981.2 Popular works
981.3 Juvenile works
981.4 Addresses, essays, lectures
981.45 Special aspects of the subject as a whole
981.5 Study and teaching. Research
981.6 Instruments and apparatus
Including frigorimeters
981.7.A-Z Special types of climatology, A-Z
981.7.C7 Cryptoclimatology
981.7.D94 Dynamic climatology
981.7.M3 Macroclimatology
981.7.M4 Mesoclimatology
981.7.M5 Microclimatology
Paleoclimatology see QC884+
981.7.S8 Synoptic climatology
981.7.T64 Topoclimatology
981.7.U7 Urban climatology
981.8.A-Z Special topics, A-Z
981.8.A5 Air masses in weather situations
Including cold and heat waves, etc.
(981.8.C5) Climatic changes
see QC902.8+
981.8.C53 Climatic extremes
Cold waves see QC981.8.A5
981.8.C65 Continentality
Droughts see QC929.2+
Forest influences see SD425
Glaciers and climate see QC981.8.I23
981.8.G56 Global warming
Heat waves see QC981.8.A5
981.8.I23 Ice sheets and climate. Glaciers and climate
981.8.S9 Sultriness
981.8.V65 Volcano effect on weather
981.8.Z6 Zones of climate

Meteorology. Climatology
Climatology and weather -- Continued
Geographic divisions
Including observations, weather reports, charts, etc., of special regions
International observations

982	General works
982.5.A-Z	International areas not wholly within the divisions below. By name, A-Z
982.5.C64	Columbia River Watershed
982.5.D48	Developing countries
982.5.G7	Great Britain's colonies
982.5.G75	Great Lakes Region
982.5.N67	Northern Hemisphere
982.5.S68	Southern Hemisphere
982.8	North America (General)
	United States
983	General works
984.A-Z	By region or state, A-Z
	Subarrange each state by Table Q4
	Canada
985	General works
985.5.A-Z	By region or province, A-Z
	Subarrange each province by Table Q4
	Mexico and Central America
986.A1	General works
986.A3-Z	By country, island, or region, A-Z
	Subarrange each country or island by Table Q4
	West Indies
987.A1	General works
987.A3-Z	By country, island, or region, A-Z
	Subarrange each country or island by Table Q4
	South America
988.A1	General works
988.A3-Z	By country, island, or region, A-Z
	Subarrange each country or island by Table Q4
	Europe
989.A1	General works
989.A3-Z	By country, island, or region, A-Z
	Subarrange each country or island by Table Q4
	Asia
990.A1	General works
990.A3-Z	By country, island, or region, A-Z
	Subarrange each country or island by Table Q4
	Africa
991.A1	General works
991.A3-Z	By country, island, or region, A-Z
	Subarrange each country or island by Table Q4
	Australia
992.A1	General works
992.A3-Z	Local, A-Z
	New Zealand
992.5.A1	General works
992.5.A3-Z	Local, A-Z
993.A-Z	Pacific and other oceanic islands. By island or group of islands, A-Z
993.5	Tropics (General). Tropical climatology and meteorology
993.6	Mountains (General). Mountain climatology and meteorology
993.7	Arid regions. Deserts (General). Arid zone climatology

Meteorology. Climatology
Climatology and weather
Geographic divisions -- Continued
Temperate zones. Temperate climate
For works on temperate climate in specific geographic regions, see QC982-QC994.9, Land; QC994.1-QC994.9, Oceans
993.75 General works
993.8 Mediterranean climate (General)
Class here works on Mediterranean climate regions in general. For works on Mediterranean climate in specific geographic regions, see QC983-QC993; QC994.3
Ocean areas. Maritime meteorology
Cf. GC190+ Ocean-atmosphere interaction
Cf. VK570 Ship routing
993.83 Periodicals, societies, congresses, serial publications
993.84 Observers' manuals. Handbooks, tables, formulas, etc.
Weather services see QC875.A2+
994 General works, treatises, and textbooks
By region
994.1 Atlantic Ocean (General)
994.2 Atlantic, North
994.3 Mediterranean Sea
994.4 Atlantic, South
994.5 Indian Ocean
994.55 Pacific Ocean (General)
994.6 Pacific, North
994.7 Pacific, South
Polar climatology and meteorology
994.75 General works
994.8 Arctic
994.9 Antarctic
Weather forecasting
Including analyses and forecasts
Cf. QC875.A2+ Weather services
Cf. QC877.5 Weather broadcasting
994.95 Periodicals, societies, congresses, serial publications
995 General works, treatises, and textbooks
995.3 Pictorial works and atlases
995.4 Popular works
995.43 Juvenile works
995.45 Addresses, essays, lectures
995.46 Study and teaching. Research
Technique (General)
Including graphical technique
995.48 General works
995.485 Observers' manuals
Types of weather forecasting
995.5 Hydrodynamic
996 Numerical
996.5 Statistical
997 Long-range
997.5 Short-range
997.75 Nowcasting
998 Weather lore
Cf. GR635+ Weather lore (as folklore)
999 Weather almanacs and miscellany

Chemistry
For applications of chemistry in special fields, see the field, e.g. RS402+ Medical and pharmaceutical chemistry; S583+ Agricultural chemistry
For chemical technology, including chemical engineering see TP1+
1 Periodicals, societies, congresses, serial publications
Museums
2.A1 General works
2.A2-Z By region or country, A-Z
Subarrange each country by Table Q5
3 Collected works (nonserial)
4 Encyclopedias
5 Dictionaries
6 Philosophy
7 Nomenclature, terminology, notation, abbreviations
Communication of chemical information
8 General works
8.3 Information services
8.5 Chemical literature
9 Abstracting and indexing
9.15 Language. Authorship
9.2 Translating. Translating services
9.3 Computer network resources
Including the Internet
History
11 General works
13 History of alchemy
14 Early works through 1800
15 1801-
18.A-Z By region or country, A-Z
20 Women in chemistry. Women chemists
For biography see QD21+
Biography of chemists
Cf. QD24.A2+ Alchemists
Cf. QD903.5+ Crystallographers
21 Collective
22.A-Z Individual, A-Z
e.g.
22.C8 Curie, Marie and Pierre
23 Directories
Alchemy
Cf. BR115.A57 Alchemy and Christianity
23.3 Periodicals, societies, congresses, serial publications
23.4 Collected works (nonserial)
23.5 Dictionaries and encyclopedias
History see QD13
Biography
24.A2 Collective
24.A3-Z Individual, A-Z
25 Early works through 1800
26 General works, treatises, and textbooks
26.5.A-Z Special topics, A-Z
26.5.A4 Alkahest. Universal solvent
26.5.E4 Elixer of life
Philosopher's stone see QD25
27 Early works through 1761
General works, treatises, and advanced textbooks

	General works, treatises, and advanced textbooks -- Continued
28	1761-1860
31	1861-1969
31.2	1970-2000
31.3	2001-
	Elementary textbooks
33	To 2000
33.2	2001-
35	Juvenile works
37	Popular works
38	Recreations, home experiments, etc.
39	Addresses, essays, lectures
39.2	Special aspects of the subject as a whole
39.3.A-Z	Special topics, A-Z
39.3.C6	Computer programs
39.3.E4	Electromechanical analogies
39.3.E46	Electronic data processing. Cheminformatics
	Cf. RS418 Pharmaceutical chemistry
39.3.F33	Factor analysis
39.3.G73	Graph theory
39.3.M3	Mathematics
39.3.P45	Phlogiston
39.3.S55	Simulated annealing
39.3.S67	Spreadsheets
39.3.S7	Statistical methods
39.3.W37	Water
39.5	Chemistry as a profession. Vocational guidance
39.7	Social aspects
	Study and teaching. Research
40	General works
41	Outlines, syllabi
42	Problems, exercises, examinations
	For programmed textbooks see QD28+
43	Experiments
	Cf. QD38 Home experiments
45	Laboratory manuals
	By region or country
	United States
47	General works
47.5.A-Z	By region or state, A-Z
	Subarrange each state by Table Q7
49.A-Z	Other regions or countries, A-Z
	Subarrange each country by Table Q7
	Special teaching methods and aids
49.5	General works
49.6.A-Z	Special methods, A-Z
49.6.P76	Process oriented guided inquiry learning
	Laboratories
51	General works
51.5.A-Z	By region or country, A-Z
	Subarrange each country by Table Q6
	Instruments and apparatus
53	General works
54.A-Z	Special, A-Z
54.A3	Absorption apparatus
54.C4	Centrifuges

Laboratories
Instruments and apparatus
Special, A-Z -- Continued
54.E8 Eudiometer
54.F85 Fume hoods
54.L33 Labs on a chip
54.P5 Pipettes
54.S8 Sulfuric acid concentrator
54.T4 Thermostat
Techniques and operations
61 General works
63.A-Z Special, A-Z
Cf. QD258+ Operations in organic chemistry
63.D5 Dissolution
63.D6 Distillation
Electric furnace operations (Inorganic chemistry) see QD157
Electric furnace operations (Organic chemistry) see QD277
63.E83 Exchange reactions
63.E88 Extraction
63.F5 Filtration
63.G5 Glass manipulation
63.H87 Hydration
63.H9 Hydrogenation
63.I55 Ion exchange
63.L3 Laser techniques
63.M3 Masking
63.N5 Nitration
63.O9 Oxidation
63.P4 Percolation
63.R4 Reduction
63.S4 Separation
63.V33 Vacuum techniques
63.5 Safety measures
64 Waste disposal
65 Handbooks, tables, formulas, etc.
Catalogs, pricelists, etc. see TP202
Analytical chemistry
For the analysis of special elements and their compounds see QD181.A+
For the analysis of organic compounds see QD271+
Cf. QE516.3 Analytical geochemistry
71 Periodicals, societies, congresses, serial publications
71.2 Collected works (nonserial)
71.5 Dictionaries and encyclopedias
71.8 Nomenclature, terminology, notation, abbreviations
History
72 General works
72.5.A-Z By region or country, A-Z
General works, treatises, and textbooks
75 Through 1970
75.2 1971-2000
75.22 2001-
75.25 Addresses, essays, lectures
75.3 Special aspects of the subject as a whole
75.4.A-Z Special topics, A-Z
75.4.A8 Automation
75.4.C34 Calibration

Analytical chemistry
Special topics, A-Z -- Continued
75.4.C45 Chemometrics
75.4.E4 Electronic data processing
Forensic chemistry see RA1057
75.4.K54 Kinetics
(75.4.M36) Mathematics
see QD75.4.C45
(75.4.M4) Measurement
see QD75.4.C45
Preparation of samples see QD75.4.S24
75.4.Q34 Quality control
Sample introduction see QD75.4.S24
75.4.S24 Sample preparation. Sample introduction
75.4.S25 Sampling
75.4.S73 Stable isotopes
(75.4.S8) Statistical methods
see QD75.4.C45
75.4.U48 Ultrasonic waves
Study and teaching. Research
75.7 General works
75.9 Problems, exercises, examinations
76 Laboratory manuals
77 Reagents, indicators, test papers, etc.
78 Handbooks, tables, formulas, etc.
79.A-Z Methods of analysis (Qualitative and quantitative), A-Z
Chemical microscopy see QH221
Chromatographic analysis
79.C4 General works
79.C45 Gas chromatography
79.C453 Ion exchange chromatography
79.C4537 Ligand exchange chromatography
79.C454 Liquid chromatography
79.C46 Paper chromatography
79.C52 Preparative layer chromatography
79.C75 Radiochromatography
79.C8 Thin layer chromatography
79.E4 Electron diffraction
79.E44 Electrophoresis
79.F4 Fluorimetry
79.I5 Instrumental analysis
79.M5 Microchemical analysis
Molecular emission cavity analysis see QD79.P4
79.O8 Oximetry
79.P4 Phosphorimetry. Molecular emission cavity analysis
79.P46 Photometry
Radiochemical analysis see QD605+
79.S4 Sedimentation analysis
Spectrum analysis see QD95+
79.T38 Thermal analysis
79.T4 Thermogravimetry
Qualitative analysis
81 General works, treatises, and advanced textbooks
83 Elementary textbooks
84 Laboratory manuals
85 Tables, outlines, etc.

Analytical chemistry
Qualitative analysis -- Continued
87 Blowpipe analysis
Cf. QE367+ Determinative mineralogy
Spectrum analysis (Qualitative and quantitative)
Class here works on the applications of spectroscopy in general analytical chemistry and theoretical works intended primarily for chemists.
For general works on the theory of spectroscopy and works intended primarily for physicists see QC450+
For compilations of spectra of elements, groups of elements, organic and inorganic compounds see QC462+
For works on the applications of spectroscopy in organic analytical chemistry see QD272.S6
Cf. CC79.S65 Spectrum analysis in archaeology
95 General works
95.5.A-Z Special topics, A-Z
95.5.D37 Data processing
95.5.S72 Statistical methods
96.A-Z Special methods and types of spectra, A-Z
96.A2 Absorption spectra
Including cavity-ringdown spectroscopy
96.A7 Arc spectra
96.A8 Atomic spectra
Cavity-ringdown spectroscopy see QD96.A2
96.D48 Deuteron magnetic resonance spectroscopy
96.E4 Electron paramagnetic resonance spectroscopy
96.E44 Electron spectroscopy
96.E46 Emission spectroscopy
96.F5 Flame spectroscopy
96.F56 Fluorescence spectroscopy
96.F68 Fourier transform spectroscopy
Cf. QD96.I5 Fourier transform infrared spectroscopy
Cf. QD96.N8 Fourier transform nuclear magnetic resonance spectroscopy
96.I47 Inductively coupled plasma spectrometry
Class here works on all types of spectrum analytical methods using inductively coupled plasmas
96.I5 Infrared spectroscopy
Including Fourier transform infrared spectroscopy
96.I54 Ion cyclotron resonance spectroscopy
Ion mobility spectroscopy see QD96.P62
96.L3 Laser spectroscopy
96.L85 Luminescence spectroscopy
96.M3 Mass spectroscopy
96.M33 Matrix isolation spectroscopy
96.M5 Microwave spectroscopy
96.M6 Mössbauer spectroscopy
96.M65 Molecular spectra
96.N8 Nuclear magnetic resonance spectroscopy
Including Fourier transform nuclear magnetic resonance spectroscopy
96.N84 Nuclear quadrupole resonance spectroscopy
96.O6 Optoacoustic spectroscopy
96.P5 Photoelectron spectroscopy
96.P54 Photothermal spectroscopy
96.P62 Plasma spectroscopy
Including ion mobility spectroscopy
Cf. QD96.I47 Inductively coupled plasma spectrometry
96.P7 Proton magnetic resonance spectroscopy

Analytical chemistry
Qualitative analysis
Spectrum analysis (Qualitative and quantitative)
Special methods and types of spectra, A-Z -- Continued
96.R3 Radiofrequency spectroscopy
96.R34 Raman spectroscopy
96.R4 Reflectance spectroscopy
96.R44 Relaxation spectroscopy
96.S43 Secondary ion mass spectroscopy
96.U4 Ultraviolet spectroscopy
96.V53 Vibrational spectra
96.X2 X-ray spectroscopy
98.A-Z Other special methods, A-Z
98.C4 Chromatography
98.E4 Electron microprobe
98.K5 Kinetic analysis
98.M5 Microchemical analysis
98.S6 Spot tests
Quantitative analysis
General works, treatises, and textbooks
101 Through 1970
101.2 1971-
111 Volumetric analysis
113 Colorimetric analysis
Electrochemical analysis
115 General works
116.A-Z Special methods, A-Z
Anodic stripping voltammetry see QD116.V64
116.C65 Conductometric analysis
116.I57 Impedance spectroscopy
116.P64 Polarography
116.P68 Potentiometry
Stripping voltammetry see QD116.V64
116.V64 Voltammetry
Including stripping voltammetry, anodic stripping voltammetry, etc.
117.A-Z Other special methods, A-Z
117.C5-.C52 Chromatography
117.C5 General works
117.C515 Gas chromatography
117.C517 Liquid chromatography
117.C52 Thin layer chromatography
117.E4 Electron diffraction
117.E42 Electron microprobe. Electron probe microanalysis
117.E45 Electrophoresis
117.F5 Fluorimetry
117.M5 Microchemical analysis. Microchemistry
117.P5 Photometry
117.R3 Radiometry. Radiation measurement
117.S64 Spectrophotometry
Spectrum analysis see QD95+
117.T4 Thermal analysis
121 Gas analysis
Including air analysis
Cf. TP754 Analysis, tests, etc. in the gas industry
Technical analysis
130 Periodicals, societies, congresses, serial publications

Analytical chemistry
Technical analysis -- Continued
131 General works, treatises, and textbooks
Metals
132 General works
Assaying see TN550+
133 Iron and steel alloys
Alloys (General). Nonferrous alloys
135 General works
137.A-Z Special metal alloys, A-Z
For the analysis of metallic elements see QD181.A+
137.A6 Aluminum alloys
137.A8 Arsenic alloys
137.B3 Babbitt metal
137.C5 Chromium-iron-nickel alloys
137.C6 Copper alloys
137.F35 Ferrites (Magnetic materials)
137.F38 Ferroboron
137.F4 Ferrochromium
137.F44 Ferroniobium
137.F48 Ferrotungsten
137.G6 Gold alloys
Iron alloys (General) see QD133
137.M3 Magnesium alloys
137.N5 Nickel alloys
137.S5 Silver alloys
Steel alloys see QD133
137.U73 Uranium alloys
137.Z5 Zinc alloys
139.A-Z Other special, A-Z
Air see QD121
Air pollution see TD890
Carbonated beverages see TP628+
Cement see TP882.3
Ceramics see TP810
139.C53 Cigarette smoke
Clay see TP811
Distilled beverages see TP609
139.E4 Electrolytes
Fats, oils, and waxes see TP671
Fermentation industries see TP511
Food see TX545
Gas see QD121
Gas industry see TP754
139.G5 Glass
Materials (General) see QD130+
Oils, fats, and waxes see TP671
Oils (Petroleum) see TP691
Plastics see TP1140
139.P6 Polymers
139.S44 Semiconductors
Sewage see TD735
139.S5 Silicon organic compounds
(139.T5) Textiles
see TS1449
139.T7 Trace elements

Analytical chemistry
Technical analysis
Other special, A-Z -- Continued
Water see QD142
Water supply see TD380+
Wine see TP548.5.A5
142 Water analysis
Cf. TD380+ Water supply
Inorganic chemistry
Cf. QD475 Physical inorganic chemistry
Cf. QE351+ Mineralogy
146 Periodicals, societies, congresses, serial publications
147 Collected works (nonserial)
148 Dictionaries and encyclopedias
149 Nomenclature, terminology, notation, abbreviations
History
149.5 General works
149.7.A-Z By region or country, A-Z
150 Early works through 1800
General works, treatises, and advanced textbooks
151 1801-1969
151.2 1970-2000
151.3 2001-
151.5 Elementary textbooks
152 Addresses, essays, lectures
152.3 Special aspects of the subject as a whole
152.5.A-Z Special topics, A-Z
152.5.D46 Density functionals
152.5.M38 Mathematics
Reaction mechanisms see QD502.5
Study and teaching. Research
153 General works
153.5 Outlines, syllabi, etc
154 Problems, exercises, examinations
155 Laboratory manuals
155.5 Handbooks, tables, formulas, etc.
156 Inorganic synthesis
157 Electric furnace operations
Cf. QD277 Electric furnace operations (Organic)
Nonmetals
161 General works
162 Gases
163 Chemistry of the air
Cf. TD881+ Air pollution
165 Halogens: Bromine, chlorine, fluorine, iodine
167 Inorganic acids
Cf. QD477 General theory of acids and bases
169.A-Z Other, A-Z
169.C5 Chalcogenides
Heavy water see QD169.W3
169.W3 Water
Cf. GB855+ Natural water chemistry
Metals
Cf. TN600+ Metallurgy
171 General works, treatises, and textbooks
172.A-Z By group, A-Z

Inorganic chemistry
Metals
By group, A-Z -- Continued
172.A3 Actinide elements
172.A4 Alkali metals
172.A42 Alkaline earth metals
172.I7 Iron group
172.M4 Magnesium group
MXenes see QD172.T6
172.P8 Platinum group
172.P88 Precious metals
172.R2 Rare earth metals
172.S6 Spinel group
172.S93 Superheavy elements
Cf. QC796.2 Nuclear physics
172.T52 Titanium group
172.T6 Transition metals
Including MXenes
172.T65 Transplutonium elements
172.T7 Transuranium elements
181.A-Z Special elements. By chemical symbol, A-Z (Table Q1)
Class here works on the origin, properties, preparation, reactions, isotopes, and analytical chemistry of individual elements and their inorganic compounds.
For the determination of atomic and molecular weights see QD464.A+
Salts
189 General works
191 Double salts
193 Complex salts
194 Oxysalts
196 Inorganic polymers and polymerization
197 Cyclic compounds
Organic chemistry
Cf. QD476 Physical organic chemistry
Cf. QD478 Solids. Solid state chemistry (Inorganic and organic)
241 Periodicals, societies, congresses, serial collections
(243) Yearbooks
see QD241
245 Collected works (nonserial)
246 Dictionaries and encyclopedias
History
248 General works
248.5.A-Z By region or country, A-Z
General works, treatises, and advanced textbooks
251 Through 1970
251.2 1971-2000
251.3 2001-
Elementary textbooks
253 To 2000
253.2 2001-
Nomenclature, terminology, notation, abbreviations see QD291
254 Classification
255 Addresses, essays, lectures
255.4 Special aspects of the subject as a whole
255.5.A-Z Special topics, A-Z
255.5.E4 Electronic data processing
255.5.M35 Mathematics

Organic chemistry
Special topics, A-Z -- Continued
255.5.R33 Radiation effects
Reaction mechanisms see QD502.5
Study and teaching. Research
256 General works
256.5 Outlines, syllabi
257 Problems, exercises, examinations
257.5 Experiments
257.7 Handbooks, tables, formulas, etc.
Operations in organic chemistry
258 General works
261 Laboratory manuals
262 Organic synthesis
Including general works on combinatorial chemistry
For works on pharmaceutical aspects of combinatorial chemistry see RS419
Organic analysis
Class here general works on the analysis of organic compounds
For the analysis of specific organic compounds or groups of compounds, see QD301
For works on the analysis of both organic and inorganic compounds see QD71+
271.A1 Periodicals, societies, congresses, serial publications
271.A2-Z General works, treatises, and textbooks
Reagents, indicators, test papers, etc.
271.3 General works
271.35.A-Z Special topics, A-Z
271.35.E54 Electrophiles. Superelectrophiles
271.4 Qualitative analysis
Prefer QD272 for special methods in qualitative analysis
271.7 Quantitative analysis
Prefer QD272 for special methods in quantitative analysis
272.A-Z Special methods of analysis (Qualitative and quantitative), A-Z
Chromatography
272.C4 General works
272.C44 Gas chromatography
272.C444 Gel permeation chromatography
272.C447 Liquid chromatography
272.C45 Thin layer chromatography
272.C6 Colorimetric analysis
272.E4 Electrochemical analysis
272.E43 Electrophoresis
272.E5 Enzymatic analysis
272.M5 Microchemical analysis
272.P5 Photometry
272.S57 Spectrophotometry
272.S6 Spectrum analysis
Works on the application of spectroscopy in general or inorganic analytical chemistry are classed in QD95
For compilations of spectra see QC462+
272.T45 Thermal analysis
272.V6 Volumetric analysis
273 Electrochemistry of organic compounds
Cf. QP517.B53 Bioelectrochemistry
275 Organic photochemistry
Cf. QP517.P45 Photobiochemistry
277 Electric furnace operations
281.A-Z Other special, A-Z

Organic chemistry
Operations in organic chemistry
Other special, A-Z -- Continued

281.A2	Acylation
281.A5	Alkylation
281.A6	Amination
281.A63	Ammonolysis
281.B7	Bromination
281.C3	Catalysis
281.C5	Chlorination
281.C7	Condensation
	Cyclization see QD281.R5
281.D4	Dehydrogenation
281.D47	Dialysis
281.D5	Distillation
281.E4	Elimination reactions
281.F5	Flotation
281.F55	Fluorination
281.F7	Fragmentation reactions
281.H3	Halogenation
281.H78	Hydroboration
281.H79	Hydroformylation
281.H8	Hydrogenation
281.H83	Hydrolysis
281.H84	Hydrosilylation
281.H85	Hydroxylation
281.I7	Isotopic exchange reactions
281.M48	Methylation
281.N5	Nitration
281.O9	Oxidation
281.O95	Ozonolysis. Ozonization
281.P46	Phosphorylation
281.P6	Polymerization. Telomerization
281.P9	Pyrolysis
281.Q5	Quinoidation
281.R35	Rearrangement reactions. Rearrangements
281.R4	Reduction
281.R5	Ring formation
	Including ring breaking, enlargement, and closure, and ring-opening polymerization
281.S5	Silylation
281.S6	Solvolysis
281.S67	Substitution reactions
281.S7	Sulfonation
	Telomerization see QD281.P6
291	Nomenclature, terminology, notation, abbreviations
	Aliphatic compounds
300	Periodicals, societies, congresses, serial publications
301	General works, treatises, and textbooks
302	Special aspects of the subject as a whole
305.A-Z	Special groups, A-Z
	Including works on both aliphatic and aromatic aspects of functional groups
	For works on special groups of aromatic compounds only see QD341.A+
305.A2	Acids and esters
305.A4	Alcohols
305.A6	Aldehydes and other carbonyl compounds
	For ketones see QD305.K2

Organic chemistry
Aliphatic compounds
Special groups, A-Z -- Continued
305.A7 Amides and hydrazides
Cf. QD315 Urea
Amino acids see QD431+
305.A8 Amino compounds
305.A9 Azo, hydrazo, and diazo compounds
305.C3 Carbanions and carbonium ions, free radicals, ylides
305.E7 Ethers and oxides
305.F2 Fats and fatty oils
Cf. QP751+ Animal biochemistry
Cf. TP669+ Chemical technology
Free radicals see QD305.C3
Glycols see QD305.A4
305.H15 Halogen compounds
Hydrocarbons
305.H5 General works
305.H6 Alkanes (Paraffins)
305.H7 Alkenes (Olefins)
Cf. TP248.A554 Chemical technology
305.H8 Alkynes (Acetylene, etc.)
305.H9 Alicyclic compounds (Non-aromatic compounds with ring structure)
305.I6 Imides, imidoesters, etc.
305.K2 Ketones, ketenes, and oximes
305.N7 Nitriles and cyanogen derivatives
305.N8 Nitro and nitroso compounds
305.N84 Nitrogen derivatives (General)
305.P46 Phosphorus derivatives (General)
Radicals see QD305.C3
305.S54 Silicon compounds
305.S83 Sulfones
305.S84 Sulfur derivatives (General)
305.T45 Thio compounds
Ylides see QD305.C3
315 Urea and related compounds
Cf. QP801.U7 Animal biochemistry
Carbohydrates
Including sugars, starch, etc.
Cf. QP701+ Animal biochemistry
Cf. TP375+ Sugar manufacture
Cf. TP415+ Starch
320 Periodicals, societies, congresses, serial publications
321 General works, treatises, and textbooks
322.A-Z Special topics, A-Z
322.A52 Analysis
322.S95 Synthesis
323 Cellulose
Including hemicellulose
325 Glycosides
Including glucosides, mannosides, and galactosides
327 Tannins
Aromatic compounds
Cf. QD390+ Condensed benzene rings
Cf. QD399+ Heterocyclic compounds
330 Periodicals, societies, congresses, serial publications

Organic chemistry
Aromatic compounds -- Continued
331 General works, treatises, and textbooks
335 Special aspects of the subject as a whole
341.A-Z Special groups, A-Z
341.A2 Acids and esters
341.A4 Alcohols
341.A6 Aldehydes and other carbonyl compounds
For ketones see QD341.K2
341.A7 Amides and hydrazides
Amino acids see QD431+
341.A8 Amino compounds
341.A83 Annulenes
341.A9 Azo, hydrazo, and diazo compounds
Benzene see QD341.H9
341.E7 Ethers and oxides
341.H8 Halogen compounds
341.H9 Hydrocarbons, benzene, etc.
341.I6 Imino compounds
341.K2 Ketones
341.N7 Nitriles and cyanogen derivatives
341.N8 Nitro and nitroso compounds
341.N83 Nitrogen derivatives (General)
341.P5 Phenols
341.P6 Pseudophenols
341.Q4 Quinones
341.S3 Sulfur derivatives (General)
341.S6 Sulfoxides and sulfones
341.S8 Sulfonium compounds
Antibiotics
Cf. QP801.A63 Animal biochemistry
Cf. RM265+ Therapeutics
375 General works, treatises, and textbooks
377.A-Z Special substances, A-Z
377.C4 Cephalosporin
377.C5 Chloromycetin
377.P4 Penicillin
377.P55 Pimaricin
377.S8 Streptomycin
377.S85 Streptothricin
377.T45 Tetracycline
377.V5 Viomycin
Polymers. Macromolecules
Class here general works on chemical and physical properties of polymers
For works on physical properties see QC173.4.P65
Cf. QD139.P6 Technical analysis
Cf. QD196 Inorganic polymers
Cf. QD281.P6 Polymerization (Organic chemistry)
Cf. QD399+ Macrocyclic compounds
Cf. TP156.P6 Polymerization (Chemical engineering)
Cf. TP1080+ Polymer technology
380 Periodicals, societies, congresses, serial publications
380.3 Dictionaries and encyclopedias
380.6 Nomenclature, terminology, notation, abbreviations
380.7 Classification
381 General works, treatises, and textbooks

Organic chemistry
Polymers. Macromolecules -- Continued

381.3	Juvenile works
381.7	Addresses, essays, lectures
381.8	Special aspects of the subject as a whole
381.9.A-Z	Special topics, A-Z
381.9.A25	Acoustic properties
381.9.C64	Conformational analysis
381.9.D47	Deterioration
381.9.E38	Electric properties
381.9.E4	Electronic data processing
	Fractionation see QD381.9.S44
381.9.M3	Mathematical models
381.9.M64	Molecular weights
381.9.O66	Optical properties
381.9.P45	Permeability
381.9.P56	Photochemistry
381.9.R3	Radiation effects
381.9.R43	Reduced gravity effects
381.9.R48	Rheology
	Ring-opening polymerization see QD281.R5
381.9.S44	Separation. Fractionation
381.9.S65	Solubility and solutions
381.9.S87	Structure
381.9.S97	Surfaces and interfaces
381.9.T54	Thermal properties
382.A-Z	Special types, A-Z
382.A47	Amphiphiles
382.B47	Biomimetic polymers
382.B5	Block copolymers
382.B73	Branched polymers
	Including star-branched polymers and hyper-branched polymers
382.C66	Conducting polymers. Conjugated polymers
382.C665	Conjugated oligomers
	Including oligothiophenes
	Conjugated polymers see QD382.C66
382.C67	Coordination polymers
	Crosslinked polymers see QD382.P67
382.C78	Crystalline polymers
382.E48	Emulsion polymers
382.F55	Fluorescent polymers
382.G7	Graft copolymers
382.H4	Heat resistant polymers
382.H48	Heterochain polymers
	Hyper-branched polymers see QD382.B73
382.I43	Imprinted polymers
382.I45	Ionomers
	Metallofoldamers see QD382.O43
382.O43	Oligomers
	Including metallofoldamers
	Photochromic polymers see QD382.P45
382.P45	Photopolymers. Photochromic polymers
382.P64	Polyelectrolytes
	Including polyampholytes
	Polymer colloids see QD549.2.P64
	Polymer liquid crystals see QD923

Organic chemistry
Polymers. Macromolecules
Special types, A-Z -- Continued
382.P67 Polymer networks. Crosslinked polymers
382.R43 Reactive polymers
382.S4 Semiconductors
Star-branched polymers see QD382.B73
382.T44 Telechelic polymers
382.T46 Thermoresponsive polymers
382.W3 Water-soluble polymers
383.A-Z Special substances, A-Z
383.A27 Acrylic polymers
383.A55 Amine polymers
383.A95 Azo polymers
383.B67 Boron organic polymers
383.E66 Epoxy polymers
383.F48 Fluoropolymers
383.F84 Fullerene polymers
383.G57 Glutamic acid polymers
Methacrylate polymers see QD383.A27
383.S54 Silicon polymers
383.V56 Vinyl polymers
385 Laboratory manuals
388 Handbooks, tables, formulas, etc.
Condensed benzine rings
390 General works, treatises, and textbooks
390.3 Special aspects of the subject as a whole
391 Naphthalene and naphthalene derivatives
393 Anthracene and anthracene derivatives
395 Phenanthrene and phenanthrene derivatives
Heterocyclic and macrocyclic chemistry and compounds
399 Periodicals, societies, congresses, serial publications
400 General works, treatises, and textbooks
400.3 Special aspects of the subject as a whole
400.5.A-Z Special topics, A-Z
400.5.S95 Synthesis
401 Cyclic compounds containing N (nitrogen)
403 Cyclic compounds containing S (sulfur)
405 Cyclic compounds containing O (oxygen)
406 Cyclic compounds containing P (phosphorus)
Organometallic chemistry and compounds
Cf. QD882 Supramolecular organometallic chemistry
410 Periodicals, societies, congresses, serial publications
411 General works, treatises, and textbooks
411.5 Addresses, essays, lectures
411.7.A-Z Special topics, A-Z
411.7.A53 Analysis
411.7.B37 Barbier reactions
411.7.S94 Synthesis
411.7.T47 Thermal properties
411.8.A-Z Special groups of substances, A-Z
411.8.A47 Alkoxides
Including aryloxides
411.8.R37 Rare earth metals
411.8.T73 Transition metals
412.A-Z Special compounds. By chemical symbol of added element, A-Z (Table Q1)

Organic chemistry
Organometallic chemistry and compounds -- Continued
412.5 Handbooks, tables, formulas, etc.
Biochemistry
Class here works on chemical aspects of biological materials
Cf. QD476.2 Physical biochemistry
Cf. QH345 General biochemistry of plants and animals
Cf. QK861+ Plant biochemistry
Cf. QP501+ Animal biochemistry
415.A1 Periodicals, societies, congresses, serial publications
415.A2 Collected works (nonserial)
415.A25 Dictionaries and encyclopedias
415.A3-Z General works, treatises, and textbooks
415.2 Addresses, essays, lectures
415.3 Problems, exercises, examinations
415.5 Laboratory manuals
415.7 Handbooks, tables, formulas, etc.
Antibiotics see QD375+
Terpenes, camphors, etc. Essential oils
Cf. TP958+ Essences (Chemical technology)
416.A1 Periodicals, societies, congresses, serial publications
416.A3-Z General works, treatises, and textbooks
416.2 Addresses, essays, lectures
416.3 Problems, exercises, examinations
416.5 Laboratory manuals
416.7 Handbooks, tables, formulas, etc.
Gums and resins
Cf. TP977+ Chemical technology
Cf. TP1101+ Plastic materials for synthetic gums and resins
419.A1 Periodicals, societies, congresses, serial publications
419.A3-Z General works, treatises, and textbooks
419.2 Addresses, essays, lectures
419.3 Problems, exercises, examinations
419.5 Laboratory manuals
419.7 Handbooks, tables, formulas, etc.
Alkaloids
Cf. QK898.A4 Plant constituent
Cf. RM666.A4 Therapeutics
Cf. RS431.A53 Pharmaceutical chemistry
421.A1 Periodicals, societies, congresses, serial publications
421.A3-Z General works, treatises, and textbooks
421.2 Addresses, essays, lectures
421.3 Problems, exercises, examinations
421.5 Laboratory manuals
421.7 Handbooks, tables, formulas, etc.
Steroids
Cf. QP752.S7 Animal biochemistry
Cf. RS163.S8 Materia medica
426.A1 Periodicals, societies, congresses, serial publications
426.A3-Z General works, treatises, and textbooks
426.2 Addresses, essays, lectures
426.3 Problems, exercises, examinations
426.5 Laboratory manuals
426.7 Handbooks, tables, formulas, etc.

Organic chemistry
Biochemistry -- Continued
Proteins, peptides, amino acids, etc.
Cf. QP551+ Animal biochemistry
Cf. TX553.P7 Special constituents of food
431.A1 Periodicals, societies, congresses, serial publications
431.A3-Z General works, treatises, and textbooks
431.2 Addresses, essays, lectures
431.25.A-Z Special topics, A-Z
431.25.A53 Analysis
431.25.D47 Derivatives
431.25.S85 Structure
431.25.S93 Synthesis
431.3 Problems, exercises, examinations
431.5 Laboratory manuals
431.7 Handbooks, tables, formulas, etc.
Nucleic acids
433.A1 Periodicals, societies, congresses, serial publications
433.A3-Z General works, treatises, and textbooks
433.5.A-Z Special topics, A-Z
433.5.S77 Structure
434 Ribonucleic acids
435 Deoxyribonucleic acids
436.A-Z Other related substances, A-Z
436.N85 Nucleotides
441 Colored compounds
Including phthaleins, eosin, animal and plant pigments
Cf. QK899 Botany
Cf. QP670+ Animal biochemistry
Cf. TP909.2+ Chemical technology
Physical and theoretical chemistry
Cf. QC170+ Constitution and properties of matter
450 Periodicals, societies, congresses, serial publications
450.2 Collected works (nonserial)
451 Dictionaries and encyclopedias
451.5 Nomenclature, terminology, notation, abbreviations
History
452 General works
452.5.A-Z By region or country, A-Z
General works, treatises, and textbooks
453 Through 1970
453.2 1971-2000
453.3 2001-
455 Addresses, essays, lectures
455.2 Special aspects of the subject as a whole
455.3.A-Z Special topics, A-Z
455.3.C64 Computer simulation
455.3.E4 Electronic data processing
455.3.F73 Fractals
455.3.G7 Graphic methods
455.3.G75 Group theory
455.3.L53 Lie algebras
455.3.M3 Mathematics
455.3.T65 Topology
Study and teaching. Research
455.5 General works

Physical and theoretical chemistry
Study and teaching. Research -- Continued
455.7 Outlines, syllabi
456 Problems, exercises, examinations
457 Laboratory manuals
457.2 Computer-assisted instruction
458 Handbooks, tables, formulas, etc.
461 Atomic and molecular theory and structure. Laws of chemical combination and chemical bonds. Molecular dimensions
Cf. QD469 Valence
461.5 Excited state chemistry
Quantum chemistry
462.A1 Periodicals, societies, congresses, serial publications
462.A3-Z General works, treatises, and textbooks
462.5 Addresses, essays, lectures
462.6.A-Z Special topics, A-Z
462.6.D38 Data processing
462.6.D45 Density functionals
462.6.D46 Density matrices
462.6.E53 Energy levels
462.6.M36 Many-body methods
462.6.M39 Mathematics
462.6.M66 Monte Carlo method
462.6.P68 Potential energy surfaces
462.6.R42 Relativistic effects
462.6.R44 Relaxation phenomena
462.6.S25 Scaling
462.6.S94 Symmetry groups
462.7 Problems, exercises, examinations
462.9 Handbooks, tables, formulas, etc.
Atomic and molecular weights
463 General works, treatises, and textbooks
464.A-Z Individual elements and their compounds. By chemical symbol of principal element, A-Z (Table Q1)
Chemical elements
Nature and properties
466 General works
466.5 Isotopes
For isotopes of individual elements see QD181.A+
Cf. QD601+ Radiochemistry
Cf. TK9400+ Radioisotopes in nuclear engineering
467 Classification. Periodic law
469 Valence
Cf. QC176.8.V34 Valence fluctuations
470 Allotropy
471 Chemical compounds - Structure and formulas
Including isomerism, mesomerism, tautomerism
Cf. QD481 Stereochemistry
473 Physical properties in relation to structure
Including odor, color, and optical properties
Cf. QD441 Colored organic compounds
Cf. QD931+ Physical properties of crystals
474 Complex compounds
Including clathrate and coordination compounds, chelates, and hydrates
Cf. QD410+ Organometallic compounds
475 Physical inorganic chemistry

Physical and theoretical chemistry -- Continued
476 Physical organic chemistry
476.2 Physical biochemistry
477 Acids and bases (General theory)
478 Solids. Solid state chemistry (Inorganic and organic)
Cf. QC176+ Solid state physics
Cf. QD506+ Surface chemistry
Cf. QD901+ Crystallography
Cf. TN689+ Physical metallurgy
480 Models of atoms, molecules, or chemical compounds
481 Stereochemistry. Molecular rotation
Cf. QP517.S83 Biochemistry
Conditions and laws of chemical reactions
501 General works
Chemical kinetics and mechanisms
502 General works
502.2 Nonlinear chemical kinetics. Oscillating chemical reactions
502.5 Reaction mechanisms
Including inorganic and organic mechanisms
503 Chemical equilibrium. Phase rule, etc.
504 Thermodynamics
505 Catalysis
Cf. QD569 Electrocatalysis
Cf. QD716.P45 Photocatalysis
505.5 Chemical affinity and reactivity
505.8 Chemiluminescence
Surface chemistry
506.A1 Periodicals, societies, congresses, serial publications
506.A3-Z General works, treatises, and textbooks
508 Addresses, essays, lectures
509.A-Z Special topics, A-Z
509.G37 Gas-solid interfaces
509.L54 Liquid-liquid interfaces
Liquid-solid interfaces see QD509.S65
509.M46 Metallic oxides
509.M65 Monomolecular films
509.S65 Solid-liquid interfaces
Thermochemistry
Cf. QC301+ Change of state (Physics)
Cf. QD79.T38 Thermal analysis (Analytical chemistry)
Cf. QD117.T4 Thermal analysis, Quantitative
Cf. QD157 Electric furnace operations (Inorganic chemistry)
Cf. QD277 Electric furnace operations (Organic chemistry)
510 Periodicals, societies, congresses, serial publications
511 General works, treatises, and textbooks
511.3 Addresses, essays, lectures
511.7 Problems, exercises, examinations
511.8 Handbooks, tables, formulas, etc.
515 Chemistry of high and low temperatures
516 Heat of formation, combustion, flame, explosion
Cf. TH9446.3+ Flammability of materials
Cf. TJ254.5+ Combustion engineering
517 Dissociation
518 Melting and boiling points

Physical and theoretical chemistry
Thermochemistry -- Continued
526 Fractional distillation
Cf. QD63.D6 Special operations in chemistry
Cf. QD281.D5 Operations in organic chemistry
Cf. TP156.D5 Chemical engineering processes
Cf. TP589+ Distilling industries
531 Manipulation of gases and vapors
Cf. TP242+ Chemical technology of gases
533 Vapor densities
535 Liquefaction of gases
Cf. TP243 Manufacture of liquefied gases
536 Research at low temperatures
Cf. TP480+ Low temperature engineering
538 Chemistry of high and low pressures
Theory of solution
Cf. QC182+ Special properties of matter
Cf. QD565 Electrolyte solutions
540 Periodicals, societies, congresses, serial publications
541 General works, treatises, and textbooks
543 Solubility, osmotic pressure, diffusion, etc.
Solvents
544 General works
544.3 Aqueous
544.5 Nonaqueous
Cf. TP247.5 Technology of organic solvents
545 Freezing points and vapor pressures
547 Flocculation, precipitation, adsorption, etc.
548 Supersaturated solutions. Crystallization, etc.
Cf. QD921+ Crystal structure and growth
Colloids, sols, gels
Cf. QP525 Animal biochemistry
Cf. S593.3 Soil colloids
549 General works
549.2.A-Z Special topics, A-Z
549.2.C64 Colloidal crystals
549.2.C66 Complex fluids
549.2.F74 Freezing
549.2.P64 Polymer colloids
Electrochemistry. Electrolysis
Cf. QC610.3+ Electric conductivity, electromotive force
Cf. QD115+ Electrochemical analysis
Cf. QD272.E4 Electrochemical analysis of organic compounds
Cf. QD273 Electrochemistry of organic compounds
Cf. QD880 Electrochemistry of supramolecular compounds
Cf. QP517.B53 Bioelectrochemistry
Cf. TP250+ Industrial electrochemistry
551 Periodicals, societies, congresses, serial publications
552 Collected works (nonserial)
552.5 Dictionaries and encyclopedias
553 General works, treatises, and textbooks
554 Popular works
554.5 Juvenile works
555 Addresses, essays, lectures
555.5 Special aspects of the subject as a whole
555.6.A-Z Special topics, A-Z

Physical and theoretical chemistry
Electrochemistry. Electrolysis
Special topics, A-Z -- Continued
555.6.E4 Electronic data processing
555.6.G74 Green's functions
555.6.I58 Interfaces
555.6.L37 Laser electrochemistry
555.6.M36 Mathematical models
555.6.N65 Nonaqueous solvents
555.6.S65 Spectrum analysis
555.8 Study and teaching. Research
556 Problems, exercises, examinations
557 Laboratory manuals
Electrochemical laboratories
558 General works
558.2.A-Z By region or country, A-Z
Subarrange each country by Table Q6
559 Instruments and apparatus
560 Handbooks, tables, formulas, etc.
Ions and ionization
561 General works
562.A-Z Special topics, A-Z
562.A54 Anion separation
562.A75 Aqua ions
Dissociation see QD562.I65
562.E44 Electromotive force
562.E45 Electrophoresis
562.H93 Hydrogen-ion concentration
562.I63 Ion exchange. Ion exchange membranes
562.I65 Ionization. Dissociation
562.M54 Migration and velocity
Photodissociation see QD716.P48
Photoionization see QD716.P48
Velocity see QD562.M54
564 Electric double layer
565 Electrolytes, electrolyte solutions
Cf. TS672 Plating baths
568 Electrolytic cells
Cf. TK2901+ Electric power production from chemical action
569 Electrocatalysis
571 Electrode phenomena. Polarization, etc.
572.A-Z Special electrodes, A-Z
572.A65 Alkali metal
572.C37 Carbon
572.G53 Glass
572.H94 Hydrides
572.I66 Ion selective
572.I76 Iron
572.M34 Magnesium
572.N53 Nickel
572.O85 Oxide
572.O88 Oxygen
572.S95 Sulfur
575.A-Z Special groups of substances, A-Z
575.C65 Complex compounds
575.G53 Glass

Physical and theoretical chemistry
Electrochemistry. Electrolysis
Special groups of substances, A-Z -- Continued
575.P67 Porous materials
576.A-Z Special substances. By chemical symbol of principal element, A-Z (Table Q1)
578 Photoelectrochemistry
581 Plasma chemistry
Cf. TP156.P5 Industrial plasma chemistry
591 Magnetochemistry
Cf. QD940 Magnetic properties of crystals
Radiochemistry. Nuclear chemistry
Cf. QC794.95+ Radioactivity, radioactive substances in nuclear physics
Cf. TK9350 Nuclear engineering
Cf. TP249 Industrial radiochemistry. Industrial radiation chemistry
601.A1 Periodicals, societies, congresses, serial publications
601.A2 Collected works (nonserial)
General works, treatises, and textbooks
601.A4-Z Through 1970
601.2 1971-2000
601.3 2001-
602 Addresses, essays, lectures
602.4 Special aspects of the subject as a whole
602.5.A-Z Special topics, A-Z
602.5.E4 Electronic data processing
603.A-Z Special substances. By chemical symbol of principal element, A-Z (Table Q1)
Study and teaching. Research
604 General works
604.3 Problems, exercises, examinations
604.5 Experiments
604.7 Laboratory manuals
Radiochemical laboratories. Hot laboratories
Cf. QC788+ Nuclear physics research laboratories and projects
604.8 General works
604.85.A-Z By region or country, A-Z
Subarrange each country by Table Q6
604.9 Handbooks, tables, formulas, etc.
Radiochemical analysis
605 General works
606 Radioactivation analysis. Nuclear activation analysis
607 Tracer techniques
For applications in special fields, see the field, e.g. QH324.3 Biology
608 Isotope dilution analysis
Radiation chemistry
Cf. QC474+ Radiation physics
Cf. TA418.6 Radiation effects and tests of materials
Cf. TP249 Industrial radiochemistry. Industrial radiation chemistry
625 Periodicals, societies, congresses, serial publications
626 Collected works (nonserial)
General works, treatises, and textbooks
635 Through 1970
636 1971-
641 Addresses, essays, lectures
642 Special aspects of the subject as a whole
643.A-Z Special topics, A-Z
643.C5 Chemical dosimetry
643.P84 Pulse radiolysis

Physical and theoretical chemistry
Radiation chemistry -- Continued
Study and teaching. Research
646 General works
646.3 Problems, exercises, examinations
646.5 Experiments
646.7 Laboratory manuals
649 Handbooks, tables, formulas, etc.
651.A-Z Special substances. By name, A-Z
651.A36 Actinide elements
651.A4 Alcohol
651.A45 Ammonia
651.C37 Carbohydrates
651.H93 Hydrocarbons
651.M38 Mercapto compounds. Thiols
651.M4 Methanol
651.N5 Nitrous oxide
651.P6 Polymers
Thiols see QD651.M38
651.W3 Water
655 Particular types of radiation and chemical reaction, e.g. x-rays (not A-Z)
Photochemistry
Cf. QD275 Organic photochemistry
Cf. QD578 Photoelectrochemistry
Cf. QP517.P45 Photobiochemistry
Cf. TP249.5 Industrial photochemistry
Cf. TR200+ Photographic chemistry
701 Periodicals, societies, congresses, serial publications
General works, treatises, and textbooks
708 Through 1970
708.2 1971-
714 Addresses, essays, lectures
715 Special aspects of the subject as a whole
716.A-Z Special topics, A-Z
716.F54 Flash photolysis
716.L37 Laser photochemistry
Including femtochemistry
716.O95 Oxidation-reduction
716.P45 Photocatalysis
716.P47 Photochromism
716.P48 Photodissociation. Photoionization
Class here general works on chemical and physical aspects of photoionization.
For works on the physics of ionization produced by photons of light, X-rays or gamma rays see QC702.7.P48
716.P5 Photopolymerization
Class here general works on photopolymerization
For works on inorganic polymerization see QD196
For works on organic polymerization see QD281.P6
719 Handbooks, tables, formulas, etc.
730.A-Z Special groups of substances, A-Z
730.C65 Coordination compounds
Polymers see QD381.9.P56
730.S35 Semiconductors
730.T73 Transition metal compounds
731.A-Z Special substances. By chemical symbol of principal element, A-Z (Table Q1)

Physical and theoretical chemistry -- Continued
801 Sonochemistry
Cf. TP156.A33 Industrial use of sounds and ultrasonics
850 Mechanical chemistry
Supramolecular chemistry
Cf. QD380+ Macromolecules
875 Periodicals, societies, congresses, serial publications
876 Dictionaries and encyclopedias
878 General works, treatises, and textbooks
880 Electrochemistry of supramolecular compounds
882 Supramolecular organometallic chemistry
Crystallography
Cf. QE372+ Descriptive mineralogy
901 Periodicals, societies, congresses, serial publications
901.2 Collected works (nonserial)
902 Dictionaries and encyclopedias
902.5 Nomenclature, terminology, notation, abbreviations
History
903 General works
903.3.A-Z By region or country, A-Z
Biography of crystallographers
903.5 Collective
903.6.A-Z Individual, A-Z
903.8 Directories
904 Early works through 1800
General works, treatises, and textbooks
905 1801-1969
905.2 1970-
906 Pictorial works and atlases
906.3 Juvenile works
906.5 Addresses, essays, lectures
906.6 Special aspects of the subject as a whole
906.7.A-Z Special topics, A-Z
906.7.E37 Electron microscopy
906.7.E4 Electronic data processing
906.7.N83 Nuclear magnetic resonance spectroscopy
Statistical methods see QD919
Study and teaching. Research
907 General works
907.3 Problems, exercises, examinations
907.5 Laboratory manuals
907.7 Instruments and apparatus
908 Handbooks, tables, formulas, etc.
Geometrical and mathematical crystallography
911 General works
912 Fundamental systems
Including tetragonal, orthorhombic, monoclinic systems
913 Diagrams
915 Goniometric measurements
919 Statistical methods
Crystal structure and growth
Including crystal lattices, defects, and dislocations
For lattice dynamics see QC176.8.L3
Cf. QD548 Crystallization in solutions
Cf. QD549.2.C64 Colloidal crystals
921 General works

Crystallography
Crystal structure and growth -- Continued
923 Liquid crystals
Including polymer liquid crystals
Cf. QC173.4.L55 Physics
Cf. TP1180.P666 Chemical technology
924 Photonic crystals
925 Polycrystals
926 Quasicrystals
Cf. QC173.4.Q36 Physics
Physical properties of crystals
Cf. QC176+ Solids, solid state physics
931 General works
933 Mechanical properties
Including cohension, elasticity, plasticity, cleavage, hardness
937 Thermal properties
939 Electric properties
Cf. QC595 Pyroelectricity
Cf. QC595.5 Piezoelectricity
940 Magnetic properties
941 Optical properties
Including isotropy, anisotropy, refractivity, reflectivity, crystal rotation
Cf. QC440+ Polarization
945 X-ray crystallography
947 Other physical properties (not A-Z)
951 Chemical crystallography
Including relationships between structure and bonding, isomorphism, polymorphism, pseudomorphism
999 Miscellany and curiosa

Geology
For economic geology and mineral resources see TN1+
Cf. QB603.G46 Planetary geology
Cf. QH343.4 Geobiology
Cf. TA703+ Engineering geology
Cf. UG465+ Military geology

1	Periodicals, societies, congresses, serial publications
3	Collected works (nonserial)
4	Voyages and expeditions
5	Dictionaries and encyclopedias
6	Philosophy
7	Nomenclature, terminology, notation, abbreviations
	History
11	General works
13.A-Z	By region or country, A-Z
	Biography
21	Collective
22.A-Z	Individual, A-Z
	e.g.
22.D25	Dana, James Dwight
22.L8	Lyell, Charles
22.S77	Steno, Nicolaus
23	Directories
25	Early works through 1800
	General works, treatises, and advanced textbooks
26	1801-1969
26.2	1970-2000
26.3	2001-
	Elementary textbooks
28	General
28.2	Physical geology
28.3	Historical geology
29	Juvenile works
31	Popular works
33	Special aspects of the subject as a whole
33.2.A-Z	Special topics, A-Z
33.2.A3	Aerial photography in geology
33.2.A7	Artificial satellites in geology
33.2.B6	Borings
33.2.C48	Chaotic behavior in systems
33.2.C5	Charts, diagrams, etc.
	Computer simulation see QE48.8
	Data processing see QE48.8
33.2.F73	Fractals
33.2.H54	High pressure geosciences
33.2.M3	Mathematical geology
33.2.P47	Periodicity
33.2.P7	Practical geology
33.2.R33	Radar in earth sciences
33.2.R4	Remote sensing
33.2.S6	Spectrum analysis in geology
33.2.S82	Statistical methods
33.2.S9	Subsurface geology
33.2.T45	Thermal analysis
33.2.T7	Translating services. Translating
33.2.W38	Wavelets

34 Geology as a profession. Vocational guidance
35 Addresses, essays, lectures
36 Geological maps
Class here works on making, interpretation, and use of geological maps
For the maps themselves see G3200+
Special fields
37 Agricultural geology
Engineering geology see TA703+
38 Environmental geology
38.5 Forensic geology
Military geology see UG465+
39 Submarine geology
For submarine geology of a particular body of water, see QE350.2+
Cf. GC83+ Submarine topography
Cf. QE511.7 Sea-floor spreading
39.5.A-Z Other, A-Z
Paleobiology see QE719.8
39.5.P25 Paleoceanography
Paleoclimatology see QC884+
Paleoecology see QE720+
Paleogeography see QE501.4.P3
39.5.P27 Paleohydrology
39.5.P3 Paleolimnology
Paleomagnetism see QE501.4.P35
Paleopedology see QE473
Paleoseismology see QE539.2.P34
39.5.U7 Urban geology
For urban geology of a particular place see QE65+
Study and teaching. Research
40 General works
41 Outlines, syllabi
42 Problems, exercises, examinations
43 Models, diagrams, etc.
44 Laboratory manuals
45 Fieldwork
By region or country
United States
47.A1 General works
47.A2-Z By region or state, A-Z
Subarrange each state by Table Q7
48.A-Z Other regions or countries, A-Z
Subarrange each country by Table Q7
48.6 Awards
48.8 Data processing
Including computer simulation
Communication in geology
48.85 General works
48.86 Information services
48.87 Computer network resources
Including the Internet
Laboratories
49.A1 General works
49.A3-Z By region or country, A-Z
Subarrange each country by Table Q6
49.5 Instruments and apparatus
50 Collection and preservation

Museums. Exhibitions
51.A1 General works
51.A2-Z By region or country, A-Z
Subarrange each country by Table Q5
52 Handbooks, tables, formulas, etc.
53 Miscellany and curiosa
55 Dealers' catalogs of specimens
61 Surveys (History, organization, etc.)
Geographical divisions
65 Miscellaneous regions
e.g. British empire
70 Arctic regions. Greenland
America
70.5 General works
North America
71 General works
United States
72 Surveys (General)
73 Surveys, before 1861
74 Surveys, 1865-1879
United States Geological Survey
75 General publications of the USGS
76 Works about the USGS
77 General works
Special regions
78 Lake region and Saint Lawrence
78.3 North. Northeast. East. Appalachian Mountains
78.5 South. Southeast
78.7 Central. Mississippi Valley
79 Western states. Rocky Mountains
79.5 Southwest
By state
Class counties, physiographic regions, etc. in the local number
Alabama
81 General works
82.A-Z Local, A-Z
Alaska
83 General works
84.A-Z Local, A-Z
Arizona
85 General works
86.A-Z Local, A-Z
Arkansas
87 General works
88.A-Z Local, A-Z
California
89 General works
90.A-Z Local, A-Z
Colorado
91 General works
92.A-Z Local, A-Z
Connecticut
93 General works
94.A-Z Local, A-Z
Delaware
95 General works

Geographical divisions
America
North America
United States
By state
Delaware -- Continued
96.A-Z Local, A-Z
97 District of Columbia
Florida
99 General works
100.A-Z Local, A-Z
Georgia
101 General works
102.A-Z Local, A-Z
Hawaii see QE349.H3
Idaho
103 General works
104.A-Z Local, A-Z
Illinois
105 General works
106.A-Z Local, A-Z
Indiana
109 General works
110.A-Z Local, A-Z
Iowa
111 General works
112.A-Z Local, A-Z
Kansas
113 General works
114.A-Z Local, A-Z
Kentucky
115 General works
116.A-Z Local, A-Z
Louisiana
117 General works
118.A-Z Local, A-Z
Maine
119 General works
120.A-Z Local, A-Z
Maryland
121 General works
122.A-Z Local, A-Z
Massachusetts
123 General works
124.A-Z Local, A-Z
Michigan
125 General works
126.A-Z Local, A-Z
Minnesota
127 General works
128.A-Z Local, A-Z
Mississippi
129 General works
130.A-Z Local, A-Z
Missouri
131 General works

Geographical divisions
America
North America
United States
By state
Missouri -- Continued
132.A-Z Local, A-Z
Montana
133 General works
134.A-Z Local, A-Z
Nebraska
135 General works
136.A-Z Local, A-Z
Nevada
137 General works
138.A-Z Local, A-Z
New Hampshire
139 General works
140.A-Z Local, A-Z
New Jersey
141 General works
142.A-Z Local, A-Z
New Mexico
143 General works
144.A-Z Local, A-Z
New York
145 General works
146.A-Z Local, A-Z
North Carolina
147 General works
148.A-Z Local, A-Z
North Dakota
149 General works
150.A-Z Local, A-Z
Ohio
151 General works
152.A-Z Local, A-Z
Oklahoma
153 General works
154.A-Z Local, A-Z
Oregon
155 General works
156.A-Z Local, A-Z
Pennsylvania
157 General works
158.A-Z Local, A-Z
Rhode Island
159 General works
160.A-Z Local, A-Z
South Carolina
161 General works
162.A-Z Local, A-Z
South Dakota
163 General works
164.A-Z Local, A-Z
Tennessee

Geographical divisions
America
North America
United States
By state
Tennessee -- Continued
165 General works
166.A-Z Local, A-Z
Texas
167 General works
168.A-Z Local, A-Z
Utah
169 General works
170.A-Z Local, A-Z
Vermont
171 General works
172.A-Z Local, A-Z
Virginia
173 General works
174.A-Z Local, A-Z
Washington (State)
175 General works
176.A-Z Local, A-Z
West Virginia
177 General works
178.A-Z Local, A-Z
Wisconsin
179 General works
180.A-Z Local, A-Z
Wyoming
181 General works
182.A-Z Local, A-Z
Canada
185 General works
186 Alberta
187 British Columbia
188 Manitoba
189 New Brunswick
190 Nova Scotia
191 Ontario
192 Prince Edward Island
193 Québec (Province)
194 Saskatchewan
195 Yukon
196.A-Z Other northern territories, A-Z
(196.B3) Baffin Island
see QE196.N86
196.F7 Franklin
196.H8 Hudson Bay
(196.K4) Keewatin
see QE196.N86
Labrador see QE199
196.N7 Northwest Territories
Including Mackenzie
196.N86 Nunavut
Including Baffin Island, Keewatin

Geographical divisions
America
North America
Canada
Other northern territories, A-Z -- Continued
Ungava see QE193
199 Newfoundland and Labrador
Latin America
200 General works
Mexico
201 General works
203.A-Z Local, A-Z
Central America
210 General works
211 Belize
212 Costa Rica
213 Guatemala
214 Honduras
215 Nicaragua
216 Panama
217 El Salvador
West Indies. Caribbean Area
220 General works
221 Bahamas
222 Cuba
223 Haiti
224 Jamaica
225 Puerto Rico
226.A-Z Other, A-Z
226.A5 Antigua and Barbuda
226.A53 Antilles, Lesser
226.B35 Barbados
British Virgin Islands see QE226.V53
226.C39 Cayman Islands
226.D7 Dominican Republic
Lesser Antilles see QE226.A53
226.M4 Martinique
226.S13 Saba
226.S175 Saint Martin
226.S56 Sint Eustatius
226.T8 Trinidad and Tobago
United States Virgin Islands see QE226.V55
Virgin Islands
226.V5 General works
226.V53 British Virgin Islands
226.V55 United States Virgin Islands
229 Bermuda
South America
230 General works
231 Argentina
233 Bolivia
235 Brazil
237 Chile
239 Colombia
241 Ecuador
Guianas

Geographical divisions
America
Latin America
South America
Guianas -- Continued
243 General works
243.2 Guyana (British Guiana)
243.3 Suriname (Dutch Guiana)
243.4 French Guiana
245 Paraguay
247 Peru
249 Uruguay
251 Venezuela
South Atlantic islands
256 General works
257 Falkland Islands
258.A-Z Other South Atlantic islands, A-Z
e.g.
258.S6 South Georgia Island
260 Europe
Great Britain
261 General works
England and Wales
262.A1 General works
262.A3-Z Local, A-Z
e.g.
262.A6 Anglesey
262.B75 Broads, The
262.D36 Dean, Forest of
262.E3 England
262.G5 Gloucestershire
262.L2 Lake District
262.M2 Man, Isle of
262.P8 Purbeck, Isle of
262.W2 Wales
262.W6 Wight, Isle of
264 Scotland
265 Ireland
266 Austria
266.2 Hungary
267 Czechoslovakia. Czech Republic
267.15 Slovakia
267.2 Liechtenstein
268 France
269 Germany
271 Greece
272 Italy
272.5 Malta
273 Netherlands
274 Belgium
275 Luxembourg
276 Soviet Union. Russia (Federation)
Cf. QE315 Central Asia
276.3 Finland
276.5 Poland
Baltic States

Geographical divisions
Europe
Baltic States -- Continued
276.7 General works
276.72 Estonia
276.74 Latvia
276.76 Lithuania
277 Scandinavia
278 Denmark
278.5 Faroe Islands
279 Iceland
281 Norway
282 Sweden
283 Spain
284 Portugal. Azores
285 Switzerland. Alps
Balkan States
287 General works
287.2 Albania
287.4 Bulgaria
287.6 Romania
287.8 Yugoslavia
288.A-Z Other regions or countries of Europe, A-Z
288.A33 Aegean Islands (Greece and Turkey)
288.B35 Baltic Sea Region
288.B38 Belarus
288.C276 Carpathian Mountains
288.C46 Central Europe
288.D56 Dinaric Alps
288.K37 Karst (Slovenia and Italy : Region)
288.K75 Krkonoše (Czech Republic and Poland)
288.M629 Moldova
288.P36 Pannonia Region
288.P97 Pyrenees
288.S55 Silesia, Upper
288.U38 Ukraine
Asia
289 General works
290 Afghanistan
Arabian Peninsula
291.A1 General works
291.A3-Z By region or country, A-Z
291.A3 Aden
291.K9 Kuwait
291.M9 Muscat and Oman. Oman
Oman see QE291.M9
291.S28 Saudi Arabia
294 China
294.3 Taiwan
294.5 Mongolia
295 India
295.2 Burma. Myanmar
295.3 Sri Lanka
295.4 Pakistan
295.5 Bangladesh
296 Indochina

Geographical divisions
Asia -- Continued
298 Thailand
299 Malay Peninsula. Straits Settlements
299.5 Malaysia
Indonesia. Dutch East Indies
301.A1 General works
301.A3-Z By region, island, etc., A-Z
e.g.
301.A5 Amboina
301.B7 Borneo
301.C4 Celebese
301.C45 Ceram
(301.D8) Dutch East Indies
see QE301.A1
301.J4 Java
301.K3 Kabaena Island
301.M7 Moluccas
301.S9 Sumatra
301.S94 Sunda Islands
301.T5 Timor
302 Philippines
304 Japan
305 Korea
Including South Korea
305.2 North Korea
307 Iran
307.2 Iraq
315 Soviet Central Asia. Central Asia. Siberia
Cf. QE276 Russia (Federation)
316 Turkey
317 Armenia
318 Israel. Palestine
318.2 Jordan
318.3 Lebanon
318.4 Syria
319.A-Z Other regions or countries, A-Z
319.B46 Bengal Basin
319.C9 Cyprus
319.E18 East Asia
319.G35 Gangetic Plain
319.H5 Himalaya Mountains
319.N4 Near East. Middle East
319.O54 Oman Mountains (Oman and United Arab Emirates)
319.S67 Southeast Asia
319.5 Arab countries (General)
Africa
320 General works
321 Ethiopia
Former British possessions
325 South Africa
325.5 Central Africa (General)
326 East Africa (General)
327.A-Z Other, A-Z
327.B3 Basutoland. Lesotho.
327.B4 Bechuanaland. Botswana

Geographical divisions
Africa
Former British possessions
Other, A-Z -- Continued
Cameroon see QE339.C35
327.E77 Eswatini
327.G6 Ghana. Gold Coast
327.K4 Kenya
Lesotho see QE327.B3
Malawi see QE327.N8
327.N5 Nigeria
327.N8 Nyasaland. Malawi
327.R55 Northern Rhodesia. Zambia
327.R6 Rhodesia, Southern. Zimbabwe
327.S2 Saint Helena
327.S5 Sierra Leone
327.S6 Sokotra (Yemen)
327.S77 Sudan
(327.S8) Swaziland
see QE327.E77
327.T3 Tanzania. Tanganyika
327.U4 Uganda
West Cameroon see QE339.C35
Zambia see QE327.R55
327.Z3 Zanzibar
Zimbabwe see QE327.R6
328 Egypt
Former French possessions
329 Algeria
329.2 Tunisia
330 Madagascar
331.A-Z Other, A-Z
331.B45 Benin
Burkina Faso see QE331.U64
Cameroun see QE339.C35
Central African Republic see QE331.U2
331.C53 Chad
Côte d'Ivoire see QE331.I9
Dahomey see QE331.B45
331.D5 Djibouti
331.F65 French Equatorial Africa
French Somaliland see QE331.D5
331.F7 French West Africa
331.G3 Gabon
331.G8 Guinea
331.I9 Ivory Coast. Côte d'Ivoire
331.M27 Mali
331.M3 Mauritania
Morocco see QE339.M8
331.N5 Niger
331.U2 Ubangi-Shari. Central African Republic
331.U64 Upper Volta. Burkina Faso
332 Former German possessions
Cf. QE339.C35 Kamerun
334 Former Italian possessions. Libya
335 Congo (Democratic Republic). Zaire

	Geographical divisions
	Africa -- Continued
335.5	Congo (Brazzaville)
	Former Portuguese possessions
337	General works
337.3	Mozambique
337.5	Angola
337.6	Cabo Verde
337.7	Guinea-Bissau
338	Spanish possessions
339.A-Z	Other regions or countries, A-Z
339.B85	Burundi
339.C35	Cameroon
339.L5	Liberia
339.M8	Morocco
339.N34	Namibia
339.N66	Northeast Africa
339.N67	Northwest Africa
339.R85	Rwanda
339.S2	Sahara
339.S6	Somalia
339.S68	Southern Africa
339.S8	Sub-Saharan Africa
339.W46	West Africa
	Indian Ocean islands
339.5	General works
339.6.A-Z	By region, island, etc., A-Z
339.6.M35	Maldives
339.6.R48	Réunion
339.6.S48	Seychelles
	Australasia
339.8	General works
	Australia
340	General works
341	New South Wales
(342)	New Zealand
	see QE348.2
343	North Australia. Northern Territory
344	Queensland
345	South Australia
346	Tasmania
347	Victoria
348	Western Australia
348.2	New Zealand
348.4	Papua New Guinea
349.A-Z	Pacific islands, A-Z
	e.g.
349.F5	Fiji
349.H3	Hawaii
349.M35	Marshall Islands
349.N43	New Hebrides. Vanuatu
349.O4	Oceania
349.S64	Solomon Islands
349.T66	Tonga
350	Antarctica
	Atlantic Ocean

	Geographical divisions
	Atlantic Ocean -- Continued
350.2	General works
350.22.A-Z	Local major divisions, A-Z
350.22.B34	Baltic Sea
350.22.B37	Barents Sea
350.22.B55	Black Sea
350.22.B65	Bothnian Sea
350.22.C37	Caribbean Sea
350.22.E52	English Channel
350.22.G53	Gibraltar, Straits of
350.22.G73	Greenland-Iceland Sea
350.22.L33	Labrador Sea
350.22.M32	Maine, Gulf of
350.22.M42	Mediterranean Sea
350.22.M48	Mexico, Gulf of
350.22.M5	Mid-Atlantic Bight
350.22.M52	Mid-Atlantic Ridge
350.22.N65	North Atlantic Ocean
350.22.N67	North Sea
350.22.N68	Norwegian Sea
350.22.R48	Reykjanes Ridge
350.22.S68	South Atlantic Ocean
	Straits of Gibraltar see QE350.22.G53
	Pacific Ocean
350.4	General works
350.42.A-Z	Local major divisions, A-Z
350.42.A43	Alaska, Gulf of
350.42.B45	Bering Sea Region
350.42.C45	China Sea
350.42.E27	East China Sea
350.42.J34	Japan Sea
350.42.N65	North Pacific
350.42.O44	Okhotsk Sea
350.42.P45	Philippine Sea
350.42.S66	South China Sea
350.42.S68	South Pacific Ocean
350.42.T35	Taiwan Strait
350.42.T37	Tasman Sea
	Indian Ocean
350.5	General works
350.52.A-Z	Local major divisions, A-Z
350.52.A73	Arabian Sea
350.52.R43	Red Sea
	Arctic Ocean
350.6	General works
350.62.A-Z	Local major divisions, A-Z
350.62.C45	Chukchi Sea
	Mineralogy
	For crystallography see QD901+
	Cf. QB455.2 Astromineralogy
351	Periodicals, societies, congresses, serial publications
353	Collected works (nonserial)
355	Dictionaries and encyclopedias
357	Nomenclature, terminology, notation, abbreviations
	History

Mineralogy
History -- Continued
359.A1 General works
359.A2-Z By region or country, A-Z
Biography
361.A2 Collective
361.A3-Z Individual, A-Z
e.g.
361.C5 Clarke
Dana, James Dwight see QE22.D25
361.H2 Haidinger
361.2 Directories
362 Early works through 1800
General works, treatises, and textbooks
363 1801-1969
363.2 1970-
363.8 Pictorial works and atlases
364 Special aspects of the subject as a whole
364.2.A-Z Special topics, A-Z
364.2.E4 Electronic data processing
364.2.F47 Fluid inclusions
364.2.F5 Fluorescent minerals
364.2.H4 Heavy minerals
364.2.H54 High pressure
364.2.M37 Metallogeny
364.2.M4 Metasomatism
364.2.P3 Paragenesis
364.2.R3 Radioactive minerals
Rock-forming minerals see QE397
364.2.S7 Statistical methods
364.2.S87 Surfaces
364.2.T45 Thermodynamics
365 Popular works
365.2 Juvenile works
366 Study and teaching. Research
Mineralogical laboratories
366.15 General works
366.16.A-Z By region or country, A-Z
Subarrange each country by Table Q6
366.2 Collection and preservation
For mineral collecting in specific geographic regions see QE373+
366.8 Handbooks, tables, formulas, etc.
Determinative mineralogy
For assaying see TN550+
Cf. QD87 Blowpipe analysis
General works, treatises, and textbooks
367 1801-1969
367.2 1970-
368.9 Special aspects of the subject as a whole
369.A-Z Special topics, A-Z
369.C6 Colloidal determinations
369.D5 Differential thermal analysis
369.F4 Fedorovskii method
369.I55 Immersion method
369.M5 Microscopic determinations
369.O6 Optical determinations

Mineralogy
Determinative mineralogy
Special topics, A-Z -- Continued
369.P49 Physical properties
369.S6 Specific gravity determinations
369.S65 Spectrum analysis
369.U4 Ultraviolet
369.X2 X-ray powder
371 Mineralogical chemistry
Descriptive mineralogy
General works, treatises, and textbooks
372 1801-1969
372.2 1970-
Geographical divisions
North America
373 General works
United States
375 General works
375.5.A-Z By region or state, A-Z
Canada
376 General works
376.5.A-Z By region, province, or territory, A-Z
Mexico
377 General works
377.5.A-Z By region or state, A-Z
Central America
377.7.A1 General works
377.7.A3-Z By region, country, or island, A-Z
Offshore islands generally class with adjacent mainland
West Indies. Caribbean Area
378.A1 General works
378.A3-Z By region, country, or island, A-Z
Offshore islands generally class with adjacent mainland
South America
379.A1 General works
379.A3-Z By region, country, or island, A-Z
Offshore islands generally class with adjacent mainland
Europe
381.A1 General works
381.A3-Z By region, country, or island, A-Z
Offshore islands generally class with adjacent mainland
Asia
382.A1 General works
382.A3-Z By region, country, or island, A-Z
Offshore islands generally class with adjacent mainland
Africa
383.A1 General works
383.A3-Z By region, country, or island, A-Z
Offshore islands generally class with adjacent mainland
Australia
384 General works
384.2.A-Z By region, state, or territory, A-Z
New Zealand
384.5 General works
384.7.A-Z By region or statistical area, A-Z
Pacific islands

Mineralogy
Descriptive mineralogy
Geographical divisions
Pacific islands -- Continued
385.A1 General works
385.A3-Z By region, country, or island, A-Z
Offshore islands generally class with adjacent mainland
Arctic regions
385.5.A1 General works
385.5.A3-Z By region, country, or island, A-Z
Offshore islands generally class with adjacent mainland
Antarctica
385.6.A1 General works
385.6.A3-Z By region, country, or island, A-Z
Offshore islands generally class with adjacent mainland
Museums. Exhibitions
386.A1 General works
386.A2-Z By region or country, A-Z
Subarrange each country by Table Q5
387 Dealers' catalogs of specimens
388 Classification
Special groups of minerals
Descriptive and determinative
389 General works
389.1 Native elements
389.2 Sulfides, selenides, tellurides, arsenides, antimonides
389.3 Sulfo salts (Sulfarsenites, sulfantimonites, sulfobismuthites)
389.4 Halides (Chlorides, bromides, iodides, fluorides)
389.5 Oxides
Oxygen salts
389.6 General works
389.61 Carbonates
Including aragonite
Silicates, titanates
389.62 General works
389.625 Clay minerals
389.63 Niobates, tantalates
389.64 Phosphates, arsenates, vanadates, antimonates, nitrates
389.65 Borates, uranates
389.66 Sulfates, chromates, tellurates
389.67 Tungstates, molybdates
389.7 Salts of organic acids: oxalates, mellates, etc.
Hydrocarbon compounds
389.8 General works
Coal see TN805+
Petroleum see TN870.5+
Ore minerals (General)
390 General works
390.2.A-Z Special ore minerals, A-Z
390.2.A58 Antimony ores
390.2.B46 Beryllium ores
390.2.B67 Boron ores
390.2.C58 Cobalt ores
390.2.C6 Copper ores
390.2.G65 Gold ores
390.2.I76 Iron ores

Mineralogy
Special groups of minerals
Ore minerals (General)
Special ore minerals, A-Z -- Continued

390.2.L43	Lead ores
390.2.L57	Lithium ores
390.2.M35	Manganese ores
390.2.M47	Mercury ores
390.2.N53	Nickel ores
390.2.P56	Platinum ores
390.2.R37	Rare earth ores
390.2.S55	Silver ores
390.2.T42	Tellurium ores
390.2.T45	Thorium ores
390.2.T48	Tin ores
390.2.T5	Titanium ores
390.2.T85	Tungsten ores
390.2.U7	Uranium ores
390.2.V36	Vanadium ores
390.2.Z54	Zinc ores
390.5	Hydrothermal deposits. Hydrothermal alteration
391.A-Z	Description of special minerals, A-Z
391.A18	Acmite
391.A2	Actinolite
	Agate see QE391.Q2
391.A4	Allanite
391.A45	Alunite
391.A48	Amazonite
391.A5	Amber
391.A53	Amphiboles
391.A55	Analcime
391.A57	Andesine
391.A572	Andorite
391.A573	Anhydrite
391.A6	Apatite
391.A8	Augite
391.B2	Babingtonite
391.B35	Barite
391.B5	Benitoite
391.B55	Bentonite
391.B6	Beryl
391.B64	Biotite
391.B7	Bøggildite
391.B73	Boehmite
391.B75	Botryogen
391.B78	Brannerite
391.B82	Brucite
391.C2	Calcite
391.C25	Cassiterite
391.C3	Celadonite
391.C32	Celestite
391.C35	Chalcocite
391.C38	Chalybite
391.C392	Chamosite
391.C396	Charoite
391.C4	Chert

Mineralogy
Description of special minerals, A-Z -- Continued

391.C5	Chlorite
391.C6	Chondrodite
391.C65	Chromite
391.C657	Chrysoberyl
391.C67	Chrysotile
391.C8	Colemanite
391.C84	Cookeite
391.C9	Corundum
391.C94	Cuprodescloizite
391.D3	Datolite
391.D6	Dolomite
391.D8	Durangite
391.E43	Electrum
391.E5	Endlichite
391.E6	Enstatite
391.E8	Epidote
391.E9	Evansite
391.F3	Feldspar
391.F4	Ferberite
391.F45	Ferrierite
	Flint see QE471.15.F47
391.F6	Fluorspar
391.G3	Galena
391.G37	Garnet
391.G5	Glauconite
391.G55	Gmelinite
391.G6	Gold
391.G8	Gunnbjarnite
391.G93	Gypsum
391.H34	Hedenbergite
391.H38	Helvite
391.H4	Hematite
391.H5	Hercynite
391.H55	Heulandite
391.H8	Hortonolite
391.H84	Huebnerite
391.H86	Humite
	Iceland spar see QE391.C2
	Idocrase see QE391.V55
391.I4	Ilimaussite
391.I44	Ilmenite
391.I53	Indianite
391.I7	Iron
	Jade see QE394.J3
391.J25	Jarosite
	Jasper see QE391.Q2
391.K2	Kaolinite
391.L28	Lawsonite
391.L3	Lazurite
391.L4	Leucite
	Leucoxene see QE396
391.L5	Liebigite
391.L8	Ludwigite
391.M2	Magnesite

Mineralogy
Description of special minerals, A-Z -- Continued

391.M22	Magnetite
391.M25	Malachite
391.M3	Marcasite
391.M34	Meerschaum
391.M4	Melanosiderite
391.M45	Merumite
391.M6	Mica
391.M67	Moissanite
391.M7	Molybdenite
391.M75	Monazite
391.M8	Mordenite
391.M85	Muscovite
391.N27	Natrolite
391.N3	Naujakasite
	Nephrite see QE391.A2
391.O45	Olvine
	Opal see QE394.O7
	Palacheite see QE391.B75
391.P34	Palygorskite
391.P44	Pecoraite
391.P47	Perovskite
391.P48	Petalite
391.P5	Pickeringite
391.P55	Plagioclase
391.P56	Pollucite
391.P8	Pyrophyllite
391.P84	Pyroxene
391.P86	Pyroxmangite
391.P9	Pyrrhotite
391.Q2	Quartz
	Ramirite see QE391.C94
391.R5	Riebeckite
391.R7	Roscoelite
391.R88	Rutile
391.S25	Sapphirine
391.S28	Scapolite
391.S3	Scheelite
	Schungite see QE475.S39
	Sepiolite see QE391.M34
391.S47	Serpentine
391.S49	Siderite
391.S5	Sillimanite
391.S6	Smectite
391.S65	Sphalerite
391.S67	Sphene
391.S68	Spinel
391.S7	Spodumene
391.S73	Stannite
391.S75	Staurolite
391.S77	Stenonite
391.S8	Stichtite
391.T2	Talc
391.T3	Tephroite
391.T4	Tetradymite

Mineralogy
Description of special minerals, A-Z -- Continued
391.T6 Topaz
391.T7 Tourmaline
391.T8 Trona
391.T85 Tugtupite
391.U65 Uraninite
Uranothallite see QE391.L5
391.V35 Vanadinite
391.V5 Vermiculite
391.V55 Vesuvianite
391.V6 Villiaumite
391.V64 Vivianite
391.V68 Volkonskoite
391.W3 Wagnerite
391.W6 Wolframite
391.W66 Wollastonite
391.Z5 Zeolites
391.Z7 Zircon
391.Z8 Zoisite
Precious stones
Cf. NK7650+ Art industries
Cf. TN980+ Mining
Cf. TS747+ Jewelry manufacture
392 General works, treatises, and textbooks
392.2 Juvenile works
392.5.A-Z By region or country, A-Z
393 Diamonds
394.A-Z Other precious stones, A-Z
394.A4 Amethysts
394.E5 Emeralds
394.J3 Jade
394.J46 Jet
394.L37 Lapis lazuli
394.O7 Opals
394.R8 Rubies
394.S3 Sapphires
394.T8 Turquoise
396 Leucoxene
397 Rock-forming minerals
Meteorites see QB754.8+
399 Tektites
For fluorescent minerals see QE364.2.F5
399.2 Miscellany and curiosa
Petrology
Cf. TN950+ Building stones
420 Periodicals, societies, congresses, serial publications
421 Collected works (nonserial)
423 Dictionaries and encyclopedias
425 Nomenclature, terminology, notation, abbreviations
425.4 Classification
History
427.A1 General works
427.A2-Z By region or country, A-Z
430 Early works through 1800
General works, treatises, and textbooks

Petrology
General works, treatises, and textbooks -- Continued
431 1801-1969
431.2 1970-
431.5 Special aspects of the subject as a whole
431.6.A-Z Special topics, A-Z
431.6.A25 Acoustic properties
431.6.E4 Electric properties
431.6.M3 Magnetic properties
431.6.M4 Mechanical properties
431.6.O7 Ores
431.6.P4 Petrogenesis
431.6.P5 Physical properties
431.6.P6 Porosity
431.6.T45 Thermal properties
431.6.W38 Water-rock interaction
432 Popular works
432.2 Juvenile works
432.5 Addresses, essays, lectures
Study and teaching. Research
432.7 General works
433 Laboratory manuals
433.5 Instruments and apparatus
433.6 Collection and preservation
For rock collecting in specific geographic regions see QE443+
433.7 Data processing
433.8 Handbooks, tables, formulas, etc.
434 Microscopic analysis of rocks. Thin sections
435 X-ray petrology
438 Chemical analysis of rocks
440 Petrofabric analysis
Including petrofabric diagrams
Museums. Exhibitions
442.A1 General works
442.A2-Z By region or country, A-Z
Subarrange each country by Table Q5
Geographical divisions
North America
443 General works
United States
444 General works
445.A-Z By region or state, A-Z
Canada
445.5 General works
446.A-Z By region or province, A-Z
Greenland see QE456.G73
Mexico
446.5 General works
446.6.A-Z By region or state, A-Z
447 Central America (Table Q3)
448 West Indies. Caribbean Area (Table Q3)
448.5 Atlantic Ocean islands (Table Q3)
Greenland see QE456.G73
449 South America (Table Q3)
451 Europe (Table Q3)
Greenland see QE456.G73

Petrology
Geographical divisions -- Continued
452 Asia (Table Q3)
453 Africa (Table Q3)
Indian Ocean islands
453.2 General works
453.3.A-Z By region, country, or island, A-Z
Offshore islands generally class with adjacent mainland
Australasia
453.45 General works
Australia
453.5 General works
454.A-Z By region, state, or territory, A-Z
New Zealand
454.5 General works
454.6.A-Z By region, territory, or island, A-Z
Pacific islands
455.A1 General works
455.A3-Z By region, country, or island, A-Z
Offshore islands generally class with adjacent mainland
Polar regions
455.8 General works
Arctic regions
456.A1 General works
456.A3-Z By region, country, or island, A-Z
Offshore islands generally class with adjacent mainland
456.G73 Greenland
Antarctica
456.5.A1 General works
456.5.A3-Z By region, country, or island, A-Z
Offshore islands generally class with adjacent mainland
456.8 Tropics
Igneous rocks, volcanic ash, tuff, etc.
461 General works
462.A-Z Special, A-Z
462.A34 Adakite
462.A35 Alaskite
462.A37 Albitite
462.A4 Alkalic igneous rocks
462.A5 Andesite
462.A55 Anorthosite
462.A63 Aplite
462.B3 Basalt
462.B65 Boninite
462.C36 Carbonatites
462.C5 Charnockite
462.D5 Diabase
462.D56 Diorite
462.F4 Fenite
462.G3 Gabbro
462.G7 Granite
462.G75 Granodiorite
462.G77 Greenstone
462.H67 Hornblendite
462.I35 Ignimbrite
462.K44 Keratophyre

Petrology
Igneous rocks, volcanic ash, tuff, etc.
Special, A-Z -- Continued

462.K5	Kimberlite
462.K66	Komatiite
462.L35	Lamproite
462.L37	Latite
462.L48	Leucitite
462.M6	Monzonite
462.N4	Nepheline syenite
462.O28	Obsidian
462.O43	Olivinite
462.O6	Ophiolites
462.O73	Orangeite
462.P4	Pegmatites
462.P43	Pegmatoids
462.P45	Peridotite
462.P6	Porphyry
462.P7	Propylite
462.R4	Rhyolite
	Serpentinite see QE475.S47
462.S65	Spilites
462.S95	Syenite
462.T73	Trachyte
462.T74	Trondhjemite
462.U4	Ultrabasic rocks
462.V64	Volcanite

Sedimentary rocks. Sedimentology
For sedimentation see QE571+

471	General works
471.15.A-Z	Special, A-Z
471.15.A68	Arenites
471.15.A7	Arkose
471.15.B32	Bauxite
471.15.B34	Beachrock
471.15.B4	Bentonite
471.15.B7	Breccia
471.15.C27	Calcretes
471.15.C3	Carbonate rocks
471.15.C4	Chert
471.15.C58	Concretions
471.15.C6	Conglomerate
471.15.D6	Dolomite
471.15.E8	Evaporites
471.15.F47	Flint
471.15.F5	Flysch
471.15.G4	Geodes
471.15.L5	Limestone
471.15.M44	Melanges
471.15.M83	Mudstone
471.15.O5	Oolite
	Phosphate rock see QE471.15.P48
471.15.P48	Phosphorite. Phosphate rock
471.15.S2	Salt
471.15.S25	Sandstone
471.15.S5	Shale

	Petrology
	Sedimentary rocks. Sedimentology
	Special, A-Z -- Continued
471.15.S54	Siltstone
471.15.T5	Tillite
471.15.T64	Tonsteins
471.15.T73	Travertine
471.15.T8	Turbidites
	Underclay see QE471.38
471.2	Sediments (Unconsolidated)
471.3	Clay
471.38	Underclay
472	Sedimentary structures
473	Paleopedology
	Metamorphic rocks. Metamorphism
475.A2	General works, treatises, and textbooks
475.A3-Z	Special, A-Z
475.A4	Amphibolite
475.E25	Eclogite
475.G55	Gneiss
475.G7	Granulite
475.J27	Jadeite
475.J3	Jasperoid
475.L57	Listwanite
475.M3	Marble
475.M45	Metabasite
475.M5	Migmatite
475.M95	Mylonite
475.P47	Phyllite
475.Q3	Quartzite
475.S3	Schist
475.S39	Schungite
475.S47	Serpentinite
475.S6	Soapstone
475.T33	Tactite
475.T43	Tectonite
495	Laterite
496	Saprolites
499	Miscellany and curiosa
	Dynamic and structural geology
	Physical and tectonic
500	Periodicals, societies, congresses, serial publications
500.5	History
501	General works, treatises, and textbooks
	Including physical history of the earth
501.2	Popular works
501.25	Juvenile works
501.3	Special aspects of the subject as a whole
501.4.A-Z	Special topics, A-Z
	Isotope geology see QE501.4.N9
501.4.M38	Mathematics
501.4.M6	Mohole project
501.4.N9	Nuclear geology. Isotope geology
501.4.P3	Paleogeography
501.4.P35	Paleomagnetism
	Paleoweathering see QE570

Dynamic and structural geology
Special topics, A-Z -- Continued
501.4.P6 Polar wandering
501.4.R45 Remote sensing
501.4.U6 Upper mantle project
505 Addresses, essays, lectures
505.5 Study and teaching. Research
506 Geological cosmogony
507 Deluge, etc.
508 Geological time. Age of the earth
Including age determination, radioactive dating
Interior of the earth. Internal structure of the earth
509 General works
509.2 Core
509.3 Core-mantle boundary
509.4 Mantle
509.5 Temperature
511 Earth's crust. Isostasy
Including continental crust, cratons, and glacial isostasy
Cf. QB331 Gravity determinations
511.2 Island arcs
Plate tectonics
511.4 General works
511.42 Neotectonics
511.44 Morphotectonics
511.46 Subduction zones
511.48 Suture zones
511.5 Continental drift
Including Gondwana, Pangaea
511.7 Sea-floor spreading
512 Epeirogeny
513 Salt tectonics
Geochemistry
Cf. QH343.7+ Biogeochemistry
514 Periodicals, societies, congresses, serial publications
Biography
514.6 Collective
514.62.A-Z Individual, A-Z
515 General works, treatises, and textbooks
Geographical divisions
North America
515.15 General works
United States
515.16 General works
515.17.A-Z By region or state, A-Z
515.18-.185 Canada
515.18 General works
515.185.A-Z By region or province, A-Z
Greenland see QE515.46.G73
Mexico
515.19 General works
515.195.A-Z By region or state, A-Z
515.2 Central America (Table Q3)
515.23 West Indies. Caribbean Area (Table Q3)
515.25 South America (Table Q3)
515.27 Atlantic Ocean islands (Table Q3)

Dynamic and structural geology
Geochemistry
Geographical divisions
Atlantic Ocean islands
By region, country, or island -- Continued
Greenland see QE515.46.G73
515.28 Europe (Table Q3)
Greenland see QE515.46.G73
515.3 Asia (Table Q3)
515.33 Africa (Table Q3)
515.35 Indian Ocean islands (Table Q3)
Australasia
515.37 General works
Australia
515.38 General works
515.39.A-Z By state, territory, or region, A-Z
New Zealand
515.4 General works
515.42.A-Z By region, territory, or island, A-Z
515.43 Pacific islands (Table Q3)
Polar regions
515.45 General works
515.46 Arctic regions (Table Q3)
515.46.G73 Greenland
515.47 Antarctica (Table Q3)
515.49 Tropics
515.5.A-Z Special topics, A-Z
515.5.D37 Data processing
515.5.G43 Geochemical modeling
515.5.G45 Geochemical self-organization
515.5.K55 Kinetics
515.5.R45 Remote sensing
515.5.T46 Thermodynamics
516.A-Z Special elements and groups of elements, A-Z (Table Q1 modified)
516.A35 Alkali metals
516.C37 Carbon
Including carbon sequestration by natural causes
Cf. TD885.5.C3 Carbon sequestration technologies
516.H3 Halogens
516.M65 Metals
516.R15 Radioactive substances
516.R2 Rare earth metals
516.R23 Rare gases
516.T85 Trace elements
516.3 Analytical geochemistry
516.4 Environmental geochemistry
Nuclear geochemistry see QE501.4.N9
516.5 Organic geochemistry
Dynamic geology
517 Periodicals, societies, congresses, serial publications
517.5 General works, treatises, and textbooks
Volcanoes and earthquakes
521 General works, treatises, and textbooks
521.2 Popular works
521.3 Juvenile works

Dynamic and structural geology
Volcanoes and earthquakes -- Continued
Volcanoes. Volcanism
Including supervolcanoes

521.5	Periodicals, societies, congresses, serial publications
522	General works, treatises, and textbooks
523.A-Z	Individual volcanoes, A-Z
	Including individually named groups
	e.g.
523.C47	Chichon (Mexico)
523.C7	Colima (Mexico : Volcano)
523.E8	Etna, Mount (Italy)
523.E95	Eyjafjallajökull Volcano (Iceland)
523.F68	Fournaise, Piton de la (Réunion)
523.F8	Fuji, Mount (Japan)
523.K3	Katmai, Mount (Alaska)
523.K5	Kilauea Volcano (Hawaii)
523.K73	Krakatoa (Indonesia)
523.M47	Merapi Volcano (Java, Indonesia)
523.O57	Ontake Mountain (Japan)
523.P3	Pelée, Mount (Martinique)
523.P56	Pinatubo, Mount (Philippines)
	Piton de la Fournaise (Réunion) see QE523.F68
523.P8	Popocatépetl (Mexico)
523.S23	Saint Helens, Mount (Wash.)
523.S27	Santorini Volcano (Greece)
523.S68	Soufrière (Guadeloupe)
523.V5	Vesuvius, Mount (Italy)
	Western Hemisphere. America
	Including Hawaii
524	General works
524.2.A-Z	By region or country, A-Z
	For individual volcanoes see QE523.A+
	Eastern Hemisphere. Europe, Africa
526	General works
526.2.A-Z	By region or country, A-Z
	For individual volcanoes see QE523.A+
	Eastern Hemisphere. Asia, Australasia
527	General works
527.2.A-Z	By region or country, A-Z
	For individual volcanoes see QE523.A+
527.3	Pacific Area (General)
527.4	Antarctica
527.5	Prediction of volcanic activity
	Including volcano monitoring
527.55	Remote sensing
527.56	Tephrochronology
527.6	Volcanic hazard analysis. Safety measures
	For hazard analysis or safety measures in specific geographic regions see QE523+
527.7	Volcanic plumes
527.73	Lava flows
527.75	Volcanic gases and vapors
	Including volcanic gas reservoirs
528	Geysers, hot springs, etc.
529	Miscellany and curiosa

Dynamic and structural geology
Volcanoes and earthquakes -- Continued
Earthquakes. Seismology
Cf. TC181 Earthquakes and hydraulic structures
Cf. TC542.5 Earthquakes and dams
Cf. TF539 Damage to railroads
Cf. TH1095 Earthquakes and building

531 Periodicals, societies, congresses, serial publications
532.A-Z Observations. By name of issuing observatory, A-Z
Including serial collections issued by individual observatories
533 Early works through 1800
General works, treatises, and textbooks
534 1801-1969
534.2 1970-2000
534.3 2001-
Special
Western Hemisphere. America
535 General works
535.2.A-Z By region or country, A-Z
Eastern Hemisphere. Europe, Africa
536 General works
536.2.A-Z By region or country, A-Z
Eastern Hemisphere. Asia, Australasia
537 General works
537.2.A-Z By region or country, A-Z
537.5 Pacific Area (General)
538 Antarctica
538.5 Seismic waves. Elastic waves
538.8 Earthquake prediction
539 Special aspects of the subject as a whole
539.2.A-Z Special topics, A-Z
539.2.A4 Aftershocks
539.2.D36 Data processing
539.2.E42 Elastic rebound theory
Hazard analysis see QE539.2.S34
539.2.I46 Induced seismicity
539.2.I5 Intensity
539.2.M37 Mathematics
539.2.M5 Microseisms
539.2.P34 Paleoseismology
539.2.P4 Periodicity
539.2.R45 Remote sensing
539.2.S34 Safety measures. Hazard analysis
For safety measures or hazard analysis in specific geographic regions, see QE535+
539.2.S37 Seismic event location
539.2.S4 Seismic models
539.2.S43 Seismic traveltime inversion
539.2.S73 Statistical methods
Observatories. Seismic networks
540.A2 General works
540.A5-Z By region or country, A-Z
Under each country:
.x *General works*
.x2A-.x2Z *Individual observatories. By name, A-Z*
541 Instruments. Seismometry
Including tables, calculations, seisomgrams, etc.

Dynamic and structural geology
Volcanoes and earthquakes
Earthquakes. Seismology -- Continued
(545) Volcanic gases and vapors
see QE527.75
Coral islands and reefs. Atolls
Cf. GB461+ Geomorphology
565 General works
565.5.A-Z By region or country, A-Z
For individual coral reefs and islands see QE566.A+
566.A-Z Individual, A-Z
e.g.
566.F35 Fangataufa Atoll
566.G7 Great Barrier Reef (Qld.)
566.M87 Mururoa Atoll
570 Weathering
Including paleoweathering
Sedimentation
Including erosion and deposition
For sedimentary rocks and sedimentology see QE471+
571 General works
573 Cryopedology
Glacial erosion
Cf. GB581+ Glacial landforms
Cf. QE697+ Pleistocene
575 Periodicals, societies, congresses, serial publications
576 General works, treatises, and textbooks
578 Moraines, eskers, kames
579 Drift. Loess
581 Aqueous erosion
Cf. S622+ Agriculture
587 Evorsion
597 Aerial erosion
Earth movements. Mass movements
For descriptive works, disasters, etc., see DA+
598 Periodicals, societies, congresses, serial publications
598.2 General works, treatises, and textbooks
598.3 Juvenile works
598.5.A-Z By region or country, A-Z
Landslides. Rockslides
Including mudflows and mudslides
599.A1 Periodicals, societies, congresses, serial publications
599.A2 General works, treatises, and textbooks
599.A5-Z By region or country, A-Z
599.2 Landslide hazard analysis
For hazard analysis in specific geographic regions see QE599.A5+
Subsidences
600 Periodicals, societies, congresses, serial publications
600.2 General works, treatises, and textbooks
600.3.A-Z By region or country, A-Z
Structural geology
601 General works, treatises, and textbooks
601.2 Special aspects of the subject as a whole
601.3.A-Z Special topics, A-Z
601.3.D37 Data processing
601.3.M38 Mathematics

Dynamic and structural geology
Structural geology
Special aspects, A-Z -- Continued
601.3.S83 Stereographic projection
601.8 Problems, exercises, examinations
602 Stratification
604 Deformation
605 Joints and cleavages
Faults and folds
606 General works, treatises, and textbooks
606.3.A-Z Special topics, A-Z
606.3.A58 Anticlines
606.3.S96 Synclines
606.5.A-Z By region or country, A-Z
Geosynclines
607 General works, treatises, and textbooks
607.5.A-Z By region or country, A-Z
(608) Metamorphism
see QE475
Veins, dikes, necks, bosses, laccoliths, and other intrusive bodies
Cf. TN263 Ore deposits
611 General works, treatises, and textbooks
611.5.A-Z By region or country, A-Z
Impact craters
612 General works, treatises, and textbooks
612.5.A-Z By region or country, A-Z
Cryptoexplosion structures
613 General works, treatises, and textbooks
613.5.A-Z By region or country, A-Z
Basins. Sedimentary basins
615 General works, treatises, and textbooks
615.5.A-Z By region or country, A-Z
Mountain building. Orogeny
621 General works
621.5.A-Z By region or country, A-Z
625 Effects of plants, animals, and man in geology
Cf. QR103 Geomicrobiology
Geographical divisions
North America
626 General works
United States
627 General works
627.5.A-Z By region or state, A-Z
Canada
628 General works
628.5.A-Z By region, province, or territory, A-Z
Mexico
629 General works
629.5.A-Z By region or state, A-Z
Central America
630.A1 General works
630.A3-Z By region, country, or island, A-Z
Offshore islands generally class with adjacent mainland
West Indies. Caribbean Area
631.A1 General works

Dynamic and structural geology
Geographical divisions
North America
West Indies. Caribbean Area -- Continued
631.A3-Z By region, country, or island, A-Z
Offshore islands generally class with adjacent mainland
South America
632.A1 General works
632.A3-Z By region, country, or island, A-Z
Offshore islands generally class with adjacent mainland
Europe
633.A1 General works
633.A3-Z By region, country, or island, A-Z
Offshore islands generally class with adjacent mainland
Asia
634.A1 General works
634.A3-Z By region, country, or island, A-Z
Offshore islands generally class with adjacent mainland
Africa
635.A1 General works
635.A3-Z By region, country, or island, A-Z
Offshore islands generally class with adjacent mainland
Australia
636 General works
636.5.A-Z By region, state, or territory, A-Z
New Zealand
637 General works
637.5.A-Z By region or statistical area, A-Z
Pacific islands
638.A1 General works
638.A3-Z By region, country, or island, A-Z
Offshore islands generally class with adjacent mainland
Arctic regions
639.A1 General works
639.A3-Z By region, country, or island, A-Z
Offshore islands generally class with adjacent mainland
Antarctica
639.5.A1 General works
639.5.A3-Z By region, country, or island, A-Z
Offshore islands generally class with adjacent mainland
Stratigraphy
Prefer stratigraphic to geographical classification
For historical geology see QE28.3
640 Periodicals, societies, congresses, serial publications
645 Nomenclature, terminology, notation, abbreviations
Class here general works as well as works on the nomenclature of particular regions, countries, etc.
651 General works, treatises, and textbooks
651.5 Cyclostratigraphy
652 Data processing
Stratigraphic correlation
652.5 General works
652.55.A-Z By region or country, A-Z
Precambrian
653 General works
653.3 Archaean

Stratigraphy
Precambrian -- Continued
653.5 Proterozoic
Paleozoic
654 General works
(655) Algonkian. Huronian. Precambrian in general
see QE653
656 Cambrian
660 Ordovician
Silurian
661 General works
(662) Lower (Ordovician)
see QE660
(663) Upper (Silurian)
see QE661
665 Devonian
Carboniferous
671 General works
672 Mississippian
673 Pennsylvanian
Cf. TN799.9+ Coal
673.5 Permo-Carboniferous
674 Permian
Mesozoic
675 General works
Triassic
676 General works
677 Lower
678 Middle
679 Upper
Jurassic
681 General works
682 Lower
683 Middle
684 Upper
Cretaceous
685 General works
686 Lower
687 Middle
688 Upper
689 Cretaceous-Tertiary boundary
Cenozoic
690 General works
Tertiary
691 General works
Paleogene
691.5 General works
692 Paleocene
692.2 Eocene
692.8 Eocene-Oligocene boundary
693 Oligocene
Neogene
693.5 General works
694 Miocene
695 Pliocene
695.5 Pliocene-Pleistocene boundary

Stratigraphy
Cenozoic -- Continued
Quaternary
696 General works
Pleistocene. Glacial epoch
697 General works
698 Cause of the glacial epoch
699 Holocene, Recent
Geological climate see QE698
Paleoclimatology see QC884+
Paleontology
701 Periodicals, societies, congresses, serial publications
702 Collected works (nonserial)
703 Dictionaries and encyclopedias
Communication of information
704 General works
704.2 Information services
704.3 Computer network resources
Including the Internet
History
705.A1 General works
705.A2-Z By region or country, A-Z
Biography
707.A2 Collective
Including directories
707.A3-Z Individual, A-Z
e.g.
707.T4 Teilhard de Chardin, Pierre
707.Z8 Zittel, K.A.
Early works
709 Through 1790
710 1791-1830
General works, treatises, and textbooks
Including stratigraphic paleontology
711 1831-1969
711.2 1970-2000
711.3 2001-
713 Comprehensive systematic works
Including both zoological and botanical works
714 Pictorial works and atlases
714.2 Paleoart
Including paleontological illustration
714.3 Popular works
714.5 Juvenile works
714.7 Paleontology as a profession. Vocational guidance
715 Study and teaching
Museums. Exhibitions
Class catalogs of special subjects with the subject, e.g. British Museum catalog of fossil fishes in QE851
716.A1 General works
716.A2-Z By region or country, A-Z
Subarrange each country by Table Q5

Paleontology -- Continued
718 Collection and preservation
Class here general works on collection and preservation of fossils
For works on collection by stratigraphic division see QE724+
For works on collection by geographic division see QE743+
For works on collection and preservation of individual fossils see QE767
Micropaleontology
For fossil biomolecules see QP517.F66
719 General works
719.5 Prokaryotes. Bacteria
719.6 Protista
Cf. QE771+ Protozoa
Cf. QE955 Algae
719.8 Paleobiology
Cf. QE721.2.E85 Evolutionary paleobiology
Paleoecology
720 General works
720.2.A-Z By region or country, A-Z
720.5 Ichnology. Trace fossils
721 Special aspects of the subject as a whole
721.2.A-Z Special topics, A-Z
721.2.D37 Data processing
721.2.E85 Evolutionary paleobiology
721.2.E87 Evolutionary paleoecology
721.2.E97 Extinction
721.2.F6 Fossilization. Taphonomy
721.2.M63 Models and modelmaking
721.2.P24 Paleobiogeography
721.2.P26 Paleontological excavations
For geographical divisions see QE743+
721.2.P3 Paleotemperatures
721.2.S7 Statistical methods
Taphonomy see QE721.2.F6
721.2.V3 Variation
723 Addresses, essays, lectures
Stratigraphic divisions (General and zoological)
Corresponding classes for stratigraphic geology in QE653+
Precambrian
724 General works
724.5 Proterozoic
Paleozoic
725 General works
726 Cambrian
726.2 Ordovician
727 Silurian
728 Devonian
Carboniferous
729 General works
729.2 Mississippian
729.3 Pennsylvanian
730 Permian
Mesozoic
731 General works
732 Triassic
733 Jurassic
734 Cretaceous

Paleontology
Stratigraphic divisions (General and zoological)
Mesozoic -- Continued
734.5 Cretaceous-Tertiary boundary
Cenozoic
735 General works
Tertiary
736 General works
Paleogene
736.5 General works
736.8 Paleocene
737 Eocene
738 Oligocene
Neogene
738.5 General works
739 Miocene
740 Pliocene
Quaternary
741 General works
741.2 Pleistocene
741.3 Holocene, Recent
742 Amber fauna and flora
Geographical divisions (General and zoological)
Prefer the stratigraphic divisions above to geographical divisions
743 General works
743.5 Ocean bottom
744 Arctic regions
North America
745 General works
United States
746 General works
747.A-Z By region or state, A-Z
Canada
748.A1 General works
748.A3-Z By region or province, A-Z
Offshore islands generally class with adjacent mainland
Mexico
749.A1 General works
749.A3-Z By region or state, A-Z
Offshore islands generally class with adjacent mainland
West Indies and Bermuda
750.A1 General works
750.A3-Z By region, country, or island, A-Z
Offshore islands generally class with adjacent mainland
Central America
751.A1 General works
751.A3-Z By region, country, or island, A-Z
Offshore islands generally class with adjacent mainland
South America
752.A1 General works
752.A3-Z By region, country, or island, A-Z
Offshore islands generally class with adjacent mainland
Europe
753 General works
754 Great Britain
755.A-Z Other regions or countries, A-Z

Paleontology
Geographical divisions (General and zoological) -- Continued
Asia
756.A1 General works
756.A3-Z By region, country, or island, A-Z
Offshore islands generally class with adjacent mainland
Africa
757.A1 General works
757.A3-Z By region, country, or island, A-Z
Offshore islands generally class with adjacent mainland
Australia
758.A1 General works
758.A3-Z By region, state, or territory, A-Z
Offshore islands generally class with adjacent mainland
758.5 New Zealand
759.A-Z Pacific islands, A-Z
Arctic regions see QE744
760 Antarctica
Paleozoology
760.8 Periodicals, societies, congresses, serial publications
761 General works, treatises, and textbooks
763 Popular works
765 Juvenile works
766 Marine animals
767 Plankton
For stratigraphic divisions see QE724+
For geographical divisions see QE743+
Invertebrates
770 General works, treatises, and textbooks
Protozoa
771 General works, treatises, and textbooks
772 Foraminifera
773 Radiolaria
774.A-Z Other Protozoa, A-Z
(774.D5) Dinoflagellates
see QE955
774.F5 Flagellata. Mastiogophora
774.P6 Polycystida
774.T5 Thecamoebae. Testacea
774.T55 Tintinnida
775 Porifera (Sponges)
Cnidaria
777 General works, treatises, and textbooks
778 Anthozoa (Corals)
779 Hydrozoa. Stromatoporoidea
For Graptolithina see QE840.5
780 Scyphozoa
Including Scyphomedusae and Conulata
780.5 Ctenophora
Echinodermata
781 General works, treatises, and textbooks
782 Crinozoa. Crinoidea
783.A-Z Other divisions, A-Z
783.A7 Asteroidea (True starfish)
783.B6 Blastoidea
783.C9 Cystoidea

Paleozoology
Invertebrates
Echinodermata
Other divisions, A-Z -- Continued
783.D5 Diploporita
783.E2 Echinoidea
783.E3 Edrioasteroidea
783.H7 Holothurioidea
783.O6 Ophiuroidea
783.P3 Paracrinoidea
783.S8 Stelleroidea
783.S89 Stylophora
791 Worms and other vermiform invertebrates
Brachiopoda
796 General works, treatises, and textbooks
797.A-Z Systematic divisions, A-Z
797.A65 Articulata
797.A69 Athyrididae
797.A7 Atrypidae
797.C95 Cyrtinidae
797.D3 Delthyrididae
797.D5 Dielasmatidae
797.D6 Discinidae
797.I5 Inarticulata
797.K5 Kingenidae
797.L7 Lingulidae
797.O2 Obolidae
797.O7 Orthida
797.O75 Orthidae
797.P3 Paterinidae
797.P39 Pentamerida
797.P4 Pentameridae
797.P5 Playtstrophiinae
797.P9 Productidae
797.R5 Rhynchonellida
797.S4 Septirhynchiidae
797.S7 Spiriferidae
797.S8 Stringocephalidae
797.S89 Strophomenida
797.S9 Strophomenidae
797.T29 Terebratulida
(797.T3) Terebratulidae
see QE797.T29
797.T5 Thecidellinidae
797.T8 Trimerellidae
797.Z4 Zeilleriidae
Bryozoa. Polyzoa
798 General works, treatises, and textbooks
799.A-Z Systematic divisions, A-Z
799.C5 Cheilostomata
799.C7 Cryptostomata
799.C8 Ctenostomata
799.C9 Cyclostomata
799.E95 Expletocystida
799.G95 Gymnolaemata
799.M6 Monticuliporidae

Paleozoology
Invertebrates
Bryozoa. Polyzoa
Systematic divisions, A-Z -- Continued
799.S74 Stenolaemata
799.T7 Trepostomata
Mollusca
801 General works, treatises, and textbooks
805 Monoplacophora. Amphineura. Aplacophora. Polyplacophora
Cephalopoda
806 General works, treatises, and textbooks
807.A-Z Systematic divisions, A-Z
807.A25 Actinoceratidae
807.A5 Ammonoidea
807.B4 Belemnitida
807.C65 Clymeniida
807.C7 Coleoidea
807.D5 Dibranchiata
Ecdyceras see QE807.H4
807.E4 Ellesmeroceratidae
807.E5 Endoceratoidea
807.G56 Goniatitidae
807.H4 Hebetoceratidae
807.L3 Lamellorthoceratidae
807.L7 Liparoceratidae
807.L98 Lytoceratidae
807.N4 Nautiloidea
807.O8 Orthoceratidae
807.P69 Placenticeratidae
807.S3 Salterellidae
807.S4 Sepiida
807.W8 Wutinoceratidae
Gastropoda
808 General works, treatises, and textbooks
809.A-Z Systematic divisions, A-Z
809.A18 Actaeonellidae
809.A2 Actaeonidae
809.A72 Archaeogastropoda
809.B8 Buccinidae
809.C4 Ceratopeidae
809.C48 Columbellidae
809.C52 Conidae
809.C9 Cypraeidae
809.E55 Eotomariidae
809.E64 Epitoniidae
809.E9 Euomphalidae
809.F3 Fasciolariidae
809.L57 Littorinimorpha
809.M25 Macluritidae
809.M4 Mesogastropoda
809.M8 Murchisoniata
809.M85 Muricidae
809.N3 Nassariidae
809.N32 Naticidae
809.N45 Neritidae
809.O44 Olividae

Paleozoology
Invertebrates
Mollusca
Gastropoda
Systematic divisions, A-Z -- Continued

809.O6	Opisthobranchia
809.P5	Platyceratidae
809.P7	Prosobranchia
809.P8	Pteropoda
809.P9	Pulmonata
809.P95	Pyramidellidae
809.T5	Thaididae
809.T88	Turridae
809.T9	Turritellidae
809.V2	Valencienniidae
809.V3	Vasidae
809.V7	Volutidae
809.Z9	Zonitidae

Bivalvia. Lamellibranchia. Pelecypoda

811	General works, treatises, and textbooks
812.A-Z	Systematic divisions, A-Z
812.A8	Arcidae
(812.A84)	Astartidae
	see QE812.V45
812.B83	Buchiidae
812.C3	Cardiidae
812.C35	Carditidae
812.C5	Chondrodontidae
812.C6	Conocardiidae
	Cypricardiacea see QE812.T34
812.D5	Diceratidae
812.D7	Dreissenidae
812.G7	Grammysiidae
812.G78	Gryphaeidae
812.H34	Halobiidae
812.H57	Hippuritidae
812.H573	Hippuritoida (Rudists)
812.I5	Inoceramidae
	Leptonacea see QE812.V45
812.M2	Mactridae
812.M48	Megalodontacea
812.M6	Monotidae
812.M9	Myalinidae
812.M94	Mytilidae
812.N6	Noetiidae
812.N8	Nucloidae
812.O8	Ostreidae
812.O87	Ostreoida
812.P38	Pectinacea
812.P4	Pectinidae
812.P48	Pholadidae
812.P5	Pholadomyoida
812.P65	Praeheterodonta
812.P7	Pterinidae
812.R33	Radiolitidae

Paleozoology
Invertebrates
Mollusca
Bivalvia. Lamellibranchia. Pelecypoda
Systematic divisions, A-Z -- Continued
(812.R8) Rudista
see QE812.H573
812.S6 Solemyidae
812.S62 Solemyoida
812.T3 Tancrediidae
812.T34 Teleodesmacea
812.T37 Tellinidae
812.T4 Teredinidae
(812.T7) Trigoniidae
see QE812.T74
812.T74 Trigonioida
812.U6 Unionidae
812.V4 Veneridae
812.V45 Veneroida
813 Scaphopoda
814 Rostroconchia
Arthropoda
815 General works, treatises, and textbooks
Crustacea. Mandibulata
816 General works, treatises, and textbooks
817.A-Z Systematic divisions, A-Z
817.A6 Amphipoda
817.A7 Arthrostraca
817.B7 Branchiopoda
817.C5 Cirripedia
817.C6 Conchostraca
817.C7 Copepoda
817.D3 Decapoda
817.E5 Entomostraca
817.I8 Isopoda
817.L5 Leptostraca
817.M3 Malacostraca
817.O8 Ostracoda
Phyllopoda see QE817.B7
817.S3 Schizopoda
817.S8 Stomatopoda
Protarthropoda. Trilobitomorpha
821 General works, treatises, and textbooks
823.A-Z Systematic divisions, A-Z
823.A35 Agnostida
823.C6 Corynexochida
823.M3 Marrellidae
823.P4 Pentastomida
823.P5 Phacopida
823.P53 Phillipsiidae
823.P75 Proetida
823.P76 Proetidae
823.P79 Ptychopariida
823.R4 Redlichiida
823.T2 Tardigrada
Chelicerata. Merostomata. Arachnida

Paleozoology
Invertebrates
Arthropoda
Chelicerata. Merostomata. Arachnida -- Continued
825 General works, treatises, and textbooks
826.A-Z Systematic divisions, A-Z
826.A2 Acarina (Acari)
826.A6 Araneida (Araneae)
826.C5 Chernetidae (Pseudoscorpiones)
826.E8 Eurypterida
826.O63 Opiliones
826.P3 Pedipalpi
(826.P5) Phalangida
see QE826.O63
826.S4 Scorpionida
826.S6 Solifugae
826.X5 Xiphosurida
Myriapoda
828 General works, treatises, and textbooks
829.A-Z Systematic divisions, A-Z
829.C5 Chilopoda
829.D5 Diplopoda
Hexapoda. Insects
831 General works, treatises, and textbooks
832.A-Z Systematic divisions, A-Z
832.A53 Anisoptera (Dragonflies)
832.A55 Anoplura
832.B55 Blattaria (Cockroaches)
832.C6 Coleoptera (Beetles)
832.C63 Collembola (Springtails)
832.D47 Dermaptera (Earwigs)
832.D6 Diptera (Flies, midges, mosquitoes)
832.E52 Embioptera
832.E65 Ephemeroptera (Mayflies)
832.H4 Hemiptera (True bugs)
832.H65 Homoptera
832.H9 Hymenoptera (Ants, bees, wasps)
832.I8 Isoptera (Termites)
832.L5 Lepidoptera (Butterflies and moths)
832.M34 Mallophaga (Biting lice)
832.M43 Mecoptera (Scorpionflies)
832.N5 Neuroptera
832.O36 Odonata
832.O7 Orthoptera
832.P45 Phasmatoptera (Stick insects)
832.P55 Plecoptera (Stoneflies)
832.P83 Psocoptera (Book lice)
832.S47 Siphonaptera (Fleas)
832.S87 Strepsiptera
832.T5 Thysanoptera (Thrips)
832.T8 Trichoptera (Caddisflies)
Chordata
840.5 Cephalochordata. Tunicata. Hemichordata. Enteropneusta. Pterobranchia. Graptolithina
Vertebrates
841 General works, treatises, and textbooks
842 Juvenile works

Paleozoology
Chordata
Vertebrates -- Continued

845	Fossil footprints
846	Fossil teeth
847	Amniotes
	Fishes
851	General works, treatises, and textbooks
851.2	Ichthyoliths
852.A-Z	Systematic divisions, A-Z
852.A25	Acipenseriformes
852.A33	Agnatha
852.A4	Amiiformes
852.A5	Anaspida
852.A53	Anguilliformes
852.A7	Arthrodira
852.B47	Beryciformes
852.C48	Chimaeriformes
852.C52	Chondrichthyes
852.C55	Clupeiformes
852.C58	Coelacanthiformes
852.C6	Coelolepida
852.C7	Crossopterygii
852.C95	Cypriniformes
852.D5	Dipnoi
852.D7	Drepanaspidae
852.E55	Edestidae
(852.E6)	Elasmobranchii
	see QE852.C52
852.E65	Elopiformes
852.G26	Gadiformes
	Ganoidei see QE852.S4
852.G37	Gasterosteiformes
852.G65	Gonorhynchiformes
852.H37	Heterodontidae
852.H4	Heterostraci
(852.H7)	Holocephali
	see QE852.C48
852.I35	Ichthyodectiformes
852.L35	Lamniformes
	Cf. QL89.2.C37 Carcharocles megalodon
852.L45	Leptolepiformes
852.O45	Osteichthyes
852.O5	Osteostraci
852.P3	Palaeonisciformes
852.P4	Perciformes
852.P45	Pholidophoriformes
852.P5	Placodermi
	Plagiostomi see QE852.C52
852.P8	Ptycholepiformes
852.P9	Pycnodontiformes
852.R35	Rajiformes
852.R4	Redfieldiiformes
852.S2	Salmoniformes
852.S4	Semionotiformes

Paleozoology
Chordata
Vertebrates
Fishes
Systematic divisions, A-Z -- Continued
(852.T2) Teleostei
see QE852.O45
852.T48 Tetraodontiformes
853 Fossil otoliths
Reptiles
861 General works, treatises, and textbooks
Dinosaurs
Class here works on dinosaurs in general
For works on specific orders of dinosaurs see QE862.A+
861.2 Periodicals, societies, congresses, serial publications
861.3 Dictionaries and congresses
861.35 Computer network resources
Including the Internet
861.4 General works
861.5 Juvenile works
861.6.A-Z Special topics, A-Z
861.6.B44 Behavior
861.6.E35 Eggs
861.6.E95 Extinction
861.6.F45 Flight
861.6.T72 Tracks
By region or country
United States
861.7 General works
861.8.A-Z By region or state, A-Z
Subarrange each state by Table Q4
861.9.A-Z Other regions or countries, A-Z
Subarrange each country by Table Q4
861.95 Miscellany and curiosa
862.A-Z Other systematic divisions, A-Z
862.C36 Captorhinidae
862.C5 Chelonia. Testudinata
862.C7 Cotylosauria
862.C8 Crocodylia
(862.D4) Dicynodontia
see QE862.T5
(862.D5) Dinosaurs
see QE861.2+
862.E9 Eunotosauridae
862.I2 Ichthyosauria
862.L2 Lacertilia
862.N7 Nothosauria
862.O6 Ophidia. Serpentes
862.O65 Ornithischia
Ornithosauria see QE862.P7
862.P3 Pelycosauria
862.P35 Phytosauria
862.P37 Placodontia
862.P4 Plesiosauria
862.P7 Pterosauria
Pythonomorpha see QE862.L2

Paleozoology
Chordata
Vertebrates
Reptiles
Systematic divisions, A-Z -- Continued

862.R5	Rhynchocephalia
862.S3	Saurischia
862.S33	Sauropterygia
862.S65	Squamata
	Cf. QE862.L2 Lacertilia
	Cf. QE862.O6 Ophidia
(862.S8)	Synapsida
	see QE861
862.T4	Thalattosauria
862.T47	Thecodontia
862.T5	Therapsida

Amphibians. Batrachia

867	General works, treatises, and textbooks
868.A-Z	Systematic divisions, A-Z
868.A46	Aistopoda
868.A48	Anthracosauria
868.A5	Anura
868.A6	Apoda
868.B7	Branchiosauridae
868.C2	Caudata
868.D5	Dissorophidae
	Ecaudata see QE868.A5
868.I25	Ichthyostegalia
868.L3	Labyrinthodontia
868.M53	Microsauria
868.P4	Pelobatidae
868.P5	Pipidae
868.R5	Rhachitomi
868.R53	Rhytidosteidae
	Stegocephala see QE868.L3

Birds

871	General works, treatises, and textbooks
872.A-Z	Systematic divisions, A-Z
872.A15	Accipitres
872.A2	Aepyornithiformes
872.A3	Alcidae
872.A6	Anseriformes
872.A7	Apterygidae
872.A8	Archaeonithes (Sauriurae)
(872.A9)	Ardeiformes
	see QE872.C53
872.C3	Casuariiformes
872.C53	Ciconiiformes
	Coccyges see QE872.C9
872.C65	Coliiformes
872.C7	Columbidae
872.C75	Colymbidae (Gaviidae)
872.C77	Confuciusornithiformes
872.C8	Coraciiformes
872.C9	Cuculiformes
872.D5	Dinornithiformes

Paleozoology
Chordata
Vertebrates
Birds
Systematic divisions, A-Z -- Continued

872.E52	Enantiornithiformes
872.G15	Galliformes (Galli)
872.G27	Gastornithiformes
	Gaviidae see QE872.C75
	Gressores see QE872.C53
872.G8	Gruiformes (Ralliformes)
872.O2	Odontognathae (Odontoholcae)
872.O6	Opisthocomidae
872.P2	Passeriformes
872.P4	Pelicaniformes
872.P5	Piciformes
872.P6	Podargidae
872.P65	Prophaethontiformes
872.P7	Psitaciformes
872.P8	Pteroclidae
	Ralliformes see QE872.G8
872.R37	Ratites
872.R4	Rheiformes
	Sauriruae see QE872.A8
872.S4	Sphenisciformes
872.S5	Steatornithes
	Steganpodes see QE872.P4
872.S8	Strigiformes
872.S9	Struthioniformes
	Teratornis see QE872.V9
872.T5	Threskiornithidae (Ibises and spoonbills)
872.T56	Tinamiformes
872.V9	Vulturidae
875	Fossil eggs

Mammals

881	General works, treatises, and textbooks
882.A-Z	Systematic divisions, A-Z
882.C15	Carnivora
882.C5	Cetacea
882.C8	Chiroptera
882.C84	Cimolesta
882.C9	Creodonta
882.D4	Deltatheridia
882.D45	Desmostylia
882.D6	Docodonta
882.E2	Edentata. Xenarthra
882.E75	Erinaceomorpha
	Cf. QE882.I5 Insectivores
	Eulipotyphla see QE882.S67
882.E86	Eupantotheria
882.H47	Herbivora
882.I5	Insectivores
	Cf. QE882.E75 Erinaceomorpha
	Cf. QE882.S67 Soricomorpha
882.L3	Lagomorpha
882.M25	Macroscelidea

Paleozoology
Chordata
Vertebrates
Mammals
Systematic divisions, A-Z -- Continued
Marsupialia
882.M3 General works
882.M32 Dasyuromorphia
882.M33 Didelphimorphia
882.M34 Diprotodontia
882.M35 Microbiotheria
882.M36 Notoryctemorphia
882.M37 Paucituberculata
882.M38 Peramelemorphia
882.M39 Sparassodonta
882.M6 Monotremata
882.M8 Multituberculata
882.N6 Notoungulata
882.P3 Pantotheria
882.P45 Pholidota
882.P5 Pinnipedia
882.P7 Primates
Cf. GN282+ Human paleontology
882.P8 Proboscidea
882.R6 Rodentia
882.S32 Scandentia
882.S6 Sirenia
882.S67 Soricomorpha. Eulipotyphla
Cf. QE882.I5 Insectivores
882.T34 Taeniodontia
(882.T49) Theria
see QE881
(882.T5) Tillodontia
see QE882.C84
882.T8 Tubulidentata
Ungulates
882.U2 General works
882.U3 Artiodactyla
882.U6 Perissodactyla
882.U8 Other
e.g. Dinocerata, Toxodontia
Xenarthra see QE882.E2
Fossils of doubtful affinity or origin
899 General works
899.2.A-Z Special groups, A-Z
899.2.A37 Acritarchs
899.2.C65 Conodonts
899.2.C67 Coprolites
899.2.D32 Dacryoconarida
899.2.T45 Tentaculitida
Paleobotany
901 Periodicals, societies, congresses, serial publications
903 Nomenclature, terminology, notation, abbreviations
History
904.A1 General works
904.A2-Z By region or country, A-Z

Paleobotany -- Continued
Biography
904.5 Collective
Including directories
904.52.A-Z Individual, A-Z
e.g.
904.52.S4 Seward, Sir Albert Charles, 1863-1941
905 General works, treatises, and textbooks
906 Juvenile works
907 Pictorial works and atlases
Museums. Exhibitions
908.A1 General works
908.A2-Z By region or country, A-Z
Subarrange each country by Table Q5
909 Study and teaching. Research
911 Addresses, essays, lectures
Stratigraphic divisions
Precambrian
914 General works
914.5 Proterozoic
Paleozoic
915 General works
916 Cambrian
916.5 Ordovician
917 Silurian
918 Devonian
Carboniferous
919 General works
919.3 Mississippian
919.5 Pennsylvanian
920 Permian
Mesozoic
921 General works
922 Triassic
923 Jurassic
924 Cretaceous
Cenozoic
925 General works
Tertiary
926 General works
Paleogene
926.5 General works
927 Paleocene
927.2 Eocene
928 Oligocene
Neogene
928.5 General works
929 Miocene
930 Pliocene
Quaternary
931 General works
931.2 Pleistocene
931.3 Holocene, Recent
932 Amber flora
Geographical divisions
Prefer the stratigraphic divisions

Paleobotany
Geographical divisions -- Continued
934 Arctic regions
North America
935 General works
United States
936 General works
937.A-Z By region or state, A-Z
Canada
938.A1 General works
938.A3-Z By region or province, A-Z
Mexico
939.A1 General works
939.A3-Z By region or state, A-Z
West Indies. Caribbean Area
940.A1 General works
940.A3-Z By region, country, or island, A-Z
Offshore islands generally class with adjacent mainland
Central America
941.A1 General works
941.A3-Z By region, country, or island, A-Z
Offshore islands generally class with adjacent mainland
South America
942.A1 General works
942.A3-Z By region, country, or island, A-Z
Offshore islands generally class with adjacent mainland
Europe
943 General works
944 Great Britain
945.A-Z Other regions or countries, A-Z
Asia
946.A1 General works
946.A3-Z By region, country, or island, A-Z
Offshore islands generally class with adjacent mainland
Africa
947.A1 General works
947.A3-Z By region, country, or island, A-Z
Offshore islands generally class with adjacent mainland
Australia
948.A1 General works
948.A3-Z By state or territory, A-Z
Offshore islands generally class with adjacent mainland
948.2 New Zealand
949.A-Z Pacific islands, A-Z
950 Antarctica
Systematic divisions
955 Algae
Including Characeae, Dasycladaceae, diatoms, dinoflagellates, nannofossils, and stromatolites
958 Fungi
959 Bryophyta (Liverworts and mosses)
Pteridophyta
960 General works
960.5 Psilophyta. Psilopsida
961 Pterophyta. Polypodiophyta (Ferns)
965 Sphenopsida. Equisetophyta
Hyeniales, Pseudoborniales, Calamitales, Equisetales, Sphenophyllales

Paleobotany
Systematic divisions
Pteridophyta -- Continued
971 Lycopsida
Protolepidodendrales, Lepidodendrales, Pleuromeiales, Isoetales, Lycopodiales, Selaginellales
Gymnosperms. Pinophyta
975 General works
Cycadophyta
976 General works
976.2 Cycadales
976.3 Cycadeoidales
976.4 Pteridospermales
Coniferophyta
977 General works
977.2 Coniferales
977.3 Ginkgoales
977.4 Gnetales
977.5 Taxales
978 Cordaitales
Angiospermophyta. Magnoliophyta
980 General works
981 Monocotyledons
983 Dicotyledons
989 Plants of unascertained position
990 Coal balls
991 Fossil woods. Fossil trees
992 Fossil leaves
Palynology
993 General works
993.2 Fossil pollen
996 Fossil spores
996.5 Fossil fruit and seeds

	Natural history (General)
	Periodicals, societies, congresses, serial publications
1	English
3	French
5	German
7	Other languages (not A-Z)
9	Collected works (nonserial)
9.5	International Biological Programme
11	Voyages and expeditions
	Cf. Q115+ Scientific expeditions
	Cf. QK5 Botanical expeditions
	Cf. QL5 Zoological expeditions
13	Dictionaries and encyclopedias
	Communication of information
13.2	General works
13.3	Information services
13.4	Computer network resources
	Including the Internet
13.45	Natural history literature
14	Authorship
14.3	Philosophy
	History
15	General works
21.A-Z	By region or country, A-Z
	Biography
26	Collective
31.A-Z	Individual, A-Z
	e.g.
31.A2	Agassiz
	Audubon, John James see QL31.A9
31.D2	Darwin, Charles
31.H3	Haller
	Linnaeus see QH44
31.M45	Mendel
31.W58	White, Gilbert
35	Directories
41	Pre-Linnaean works (through 1735)
	Cf. QK41 Botany
	Cf. QL41 Zoology
	Works of Linnaeus (General)
43	General works
43.5	Minor works of Linnaeus
44	Works about Linnaeus
	General works, treatises, and advanced textbooks
45	1736-1969
45.2	1970-
45.5	Popular works
46	Pictorial works and atlases
	Cf. TR721+ Nature photography
46.5	Natural history illustration
47	Elementary textbooks
48	Juvenile works
49	Vocational guidance
	Study and teaching. Research. Nature study
	Cf. QH318.5 Biology fieldwork
50.5	Directories

Study and teaching. Research. Nature study -- Continued
51 General works
53 Outlines, syllabi. Nature study manuals
54 Problems, exercises, examinations
54.5 Activity programs
55 Experiments
57 Audiovisual aids
58 Nature trails
Cf. HV1664.N38 Natural history for people with visual disabilities
Technique
60 General works
60.2 Data processing
Collection and preservation
61 General works, treatises, and textbooks
63 Instruments and apparatus
68 Vivariums. Terrariums
Cf. SB417 Glass gardens. Wardian cases
Aquariums (Home and school) see SF456+
Aquariums (Public) see QL78+
Museums. Exhibitions
For research serial publications see QH1+
70.A1 General works
70.A2-Z By region or country, A-Z
Subarrange each country by Table Q5
72 Commercial lists, catalogs, etc.
Nature conservation. Landscape protection. Biodiversity conservation. Endangered species and ecosystems (General). Habitat conservation. Ecosystem management. Conservation biology
Including natural areas, nature reserves, wilderness areas, biosphere reserves, ecological reserves, environmentally sensitive areas
Cf. GF90+ Landscape assessment
Cf. GV191.67.W5 Recreational aspects of wilderness areas
Cf. QH91.8.B6 Marine biology
Cf. SK351+ Wildlife management areas
75.A1 Periodicals, societies, congresses, serial publications
75.A3-Z General works, treatises, and textbooks
By region or country
United States
76 General works
76.5.A-Z By region or state, A-Z
77.A-Z Other regions or countries, A-Z
77.3.A-Z Special topics, A-Z
77.3.C57 Citizen participation
77.3.C65 Communication of information
77.3.G46 Gender mainstreaming
77.3.R46 Remote sensing
77.3.S73 Statistical methods
77.3.T45 Teleology
78 Extinction (Biology)
Cf. QE721.2.E97 Paleontology
Cf. QL88+ Animal extinction
81 Addresses, essays, lectures. Nature books
Cf. GV191.2+ Outdoor life. Outdoor recreation
Cf. QH53 School manuals of nature study
Cf. QH58 Nature trails

Edible plants and animals. Wild food gathering
For cultivated plants and animals see S1+
Cf. QK98.5.A1+ Edible wild plants
Cf. QK617 Edible mushrooms
Cf. SH400+ Seafood gathering
Cf. SH401+ Fishing
Cf. SK1+ Hunting
82 General works
82.3.A-Z By region or country, A-Z
83 Classification. Nomenclature
Cf. QK91+ Plant classification
Cf. QL351+ Animal classification
83.5 Terminology, notation, abbreviations
Geographical distribution. Biogeography. Phylogeography
Cf. QH543.3 Dispersal of organisms by environmental factors
84 General works, treatises, and textbooks
Cold regions. Polar regions
Including Arctic regions
84.1 General works
84.2 Antarctica
84.3 Temperate regions
84.5 Tropics
Cf. QH86 Rain forests
Physiographic divisions
Land
For biology of a particular place see QH101+
84.8 Soils
85 Islands
86 Forests
Including rain forests, old growth forests, etc.
87 Mountains
87.2 Valleys
87.3 Wetlands
Including marshes, swamps, moors, bogs, etc.
(87.5) Moors
see QH87.3
87.7 Prairies. Grasslands
88 Deserts
88.5 Dunes
89 Caves
Water. Aquatic biology
For aquatic biology of a particular place see QH101+
Cf. GB855+ Natural water chemistry
90.A1 Periodicals, societies, congresses, serial publications
90.A4 Collected works (nonserial)
90.A5-Z General works, treatises, and textbooks
90.1 Addresses, essays, lectures
90.15 Popular works
90.16 Juvenile works
90.17 Pictorial works and atlases
90.2 Dictionaries and encyclopedias
90.25 History
For local history see QH101+
Biography
90.3.A2 Collective
90.3.A3-Z Individual, A-Z

Geographical distribution. Biogeography. Phylogeography
Physiographic divisions
Water. Aquatic biology -- Continued
90.35 Directories
90.45 Aquatic biology as a profession. Vocational guidance
Study and teaching. Research
90.5 General works
90.53 Outlines, syllabi
90.55 Laboratory manuals
90.56 Collection and preservation
Research methods and apparatus
90.57.A1 General works, treatises, and textbooks
90.57.A3-Z Special, A-Z
90.57.A77 Artificial substrates
90.57.B5 Biological assay. Biological assessment
90.57.D7 Dredging
Laboratories and stations
Cf. QH91.6+ Marine laboratories
Cf. QH96.6+ Freshwater laboratories
90.6 General works
90.65.A-Z By region or country, A-Z
Subarrange each country by Table Q6
Museums. Exhibitions
Serial publications see QH90.A1
90.7.A1 General works
90.7.A2-Z By region or country, A-Z
Subarrange each country by Table Q5
Aquatic parks and reserves
90.75.A1 General works, treatises, and textbooks
90.75.A3-Z By region or country, A-Z
90.8.A-Z Special topics, A-Z
90.8.B46 Benthos
Biodiversity see QH90.8.B56
90.8.B56 Biological diversity. Biodiversity. Biodiversity conservation
For aquatic biodiversity conservation of a particular region see QH76+
For aquatic biodiversity of a particular region see QH101+
Ecology see QH541.5.W3
90.8.I57 Introduced aquatic organisms
90.8.N44 Nekton
90.8.P5 Plankton (General)
Cf. QH91.8.P5 Marine plankton
Cf. QH96.8.P5 Freshwater plankton
Cf. QK933+ Phytoplankton
Cf. QL123 Zooplankton
90.8.T68 Toxicology
Marine biology
Cf. QH541.5.S3 Marine ecology
91.A1 Periodicals, societies, congresses, serial publications
91.A4 Collected works (nonserial)
91.A5-Z General works, treatises, and textbooks
91.1 Addresses, essays, lectures
91.15 Popular works
91.16 Juvenile works
91.17 Pictorial works and atlases
91.2 Dictionaries and encyclopedias

Geographical distribution. Biogeography. Phylogeography
Physiographic divisions
Water. Aquatic biology
Marine biology -- Continued
91.25 History
For local history see QH101+
Biography
91.3.A2 Collective
91.3.A3-Z Individual, A-Z
91.35 Directories
91.45 Marine biology as a profession. Vocational guidance
Study and teaching. Research
91.5 General works
91.53 Outlines, syllabi
91.55 Laboratory manuals
91.56 Collection and preservation
Research methods and apparatus
91.57.A1 General works, treatises, and textbooks
91.57.A3-Z Special, A-Z
91.57.A4 Aeronautics
91.57.B5 Biological assay. Biological assessment
91.57.C68 Counting and measuring
91.57.D7 Dredging
91.57.E4 Electronic data processing
91.57.G46 Geographic information systems. GIS
GIS see QH91.57.G46
91.57.M38 Mathematical models
Measuring see QH91.57.C68
91.57.P4 Photosynthesis determination
91.57.P5 Plankton sampling
91.57.R47 Research ships
Laboratories and stations
91.6 General works
91.65.A-Z By region or country, A-Z
Subarrange each country by Table Q6
Museums. Exhibitions
Serial publications see QH90.A1
91.7.A1 General works
91.7.A2-Z By region or country, A-Z
Subarrange each country by Table Q5
Marine parks and reserves
91.75.A1 General works, treatises, and textbooks
91.75.A3-Z By region or country, A-Z
91.8.A-Z Special topics, A-Z
91.8.B4 Benthos
Biodiversity see QH91.8.B6
91.8.B5 Biological chemistry
91.8.B6 Biological diversity. Biodiversity. Biodiversity conservation
For marine biodiversity of a particular region see QH101+
For marine biodiversity conservation of a particular region see QH76+
For marine biodiversity and biodiversity conservation of a particular body of water see QH92+
Cf. QH91.8.S64 Species diversity
91.8.B63 Biological invasions
91.8.D44 Deep-sea biology
For deep-sea biology of a particular region see QH92+

Geographical distribution. Biogeography. Phylogeography
Physiographic divisions
Water. Aquatic biology
Marine biology
Special topics, A-Z -- Continued
91.8.E3 Echo scattering layers
Ecology see QH541.5.S3
91.8.E87 Eutrophication
For marine eutrophication of a particular region see QH92+
91.8.E94 Exotic marine organisms
91.8.M3 Marine borers. Marine fouling organisms
Marine eutrophication see QH91.8.E87
91.8.M34 Marine productivity
91.8.N37 Nekton
91.8.N4 Neuston
91.8.N46 Nitrogen cycle
91.8.O4 Oil pollution
91.8.P5 Plankton
Cf. QK934 Marine phytoplankton
Cf. QL123 Marine zooplankton
91.8.P7 Primary productivity
91.8.S64 Species diversity
By region
For marine biology of a particular region or country or off the coast of a particular region or country see QH101+
Atlantic Ocean
92 General works
North Atlantic Ocean
92.1 General works
Coast of North America
92.2 General works
92.3 Gulf of Mexico
92.4 Caribbean Sea
92.5.A-Z Other, A-Z
92.5.B33 Baffin Bay
92.5.G46 Georges Bank
92.5.M34 Maine, Gulf of
Coast of Europe
92.6 General works
92.7 Baltic Sea
92.8 North Sea
92.9.A-Z Other, A-Z
92.9.B57 Biscay Bay
92.9.E54 English Channel
Mediterranean Sea
93 General works
93.1 Adriatic Sea
93.2 Aegean Sea
93.3 Black Sea
93.4 Caspian Sea
93.5.A-Z Other, A-Z
South Atlantic Ocean
93.6 General works
Coast of Africa
93.7 General works
93.75 Gulf of Guinea

Geographical distribution. Biogeography. Phylogeography
Physiographic divisions
Water. Aquatic biology
Marine biology
By region
Atlantic Ocean
South Atlantic Ocean -- Continued
93.8 Coast of South America
93.9.A-Z Other, A-Z
Indian Ocean
94 General works
94.2 Arabian Sea
94.3 Red Sea
94.4 Persian Gulf
94.5 Bengal, Bay of
94.7.A-Z Other, A-Z
Pacific Ocean
95 General works
North Pacific Ocean
95.1 General works
Coast of Asia
95.2 General works
95.22 China Sea
95.23 Yellow Sea
95.24 Japan Sea
95.25 Sea of Okhotsk
95.26 Bering Sea
95.28.A-Z Other, A-Z
Coast of North America
95.3 General works
95.35 Gulf of Alaska
95.38 Salish Sea
95.4 Coast of Mexico and Central America
95.45.A-Z Other, A-Z
South Pacific Ocean
95.5 General works
95.52 Coast of South America
95.53 Coral Sea
95.54 Tasman Sea
95.55.A-Z Other, A-Z
Arctic Ocean
Including polar oceans
95.56 General works
95.57.A-Z Arctic seas, A-Z
95.58 Antarctic Ocean
95.59 Tropical seas
95.6.A-Z Inland seas, A-Z
Cf. QH93+ Mediterranean Sea
Cf. QH93.4 Caspian Sea
95.7 Seashore biology
For works limited to a particular region or country see QH101+
95.8 Coral reefs
95.9 Brackish water. Saline water
Freshwater biology. Limnology
For works limited to specific geographic areas see QH101+
96.A1 Periodicals, societies, congresses, serial publications

Geographical distribution. Biogeography. Phylogeography
Physiographic divisions
Water. Aquatic biology
Freshwater biology. Limnology -- Continued

96.A4	Collected works (nonserial)
96.A5-Z	General works, treatises, and textbooks
96.1	Addresses, essays, lectures
96.15	Popular works
96.16	Juvenile works
96.17	Pictorial works and atlases
96.2	Dictionaries and encyclopedias
96.25	History
	For local history see QH101+
	Biography
96.3.A2	Collective
96.3.A3-Z	Individual, A-Z
96.35	Directories
96.45	Freshwater biology as a profession. Vocational guidance
	Study and teaching. Research
96.5	General works
96.53	Outlines, syllabi
96.55	Laboratory manuals
96.56	Collection and preservation
	Research methods and apparatus
96.57.A1	General works, treatises, and textbooks
96.57.A3-Z	Special, A-Z
96.57.P75	Productivity measurement
96.57.R33	Radioactive tracers
96.57.S73	Statistical methods
	Laboratories and stations
96.6	General works
96.65.A-Z	By region or country, A-Z
	Subarrange each country by Table Q6
	Museums. Exhibitions
96.7.A1	General works
96.7.A2-Z	By region or country, A-Z
	Subarrange each country by Table Q5
	Aquatic parks and reserves
96.75.A1	General works, treatises, and textbooks
96.75.A3-Z	By region or country, A-Z
96.8.A-Z	Special topics, A-Z
96.8.B4	Benthos
	Biodiversity see QH96.8.B53
96.8.B5	Biological assay. Biological assessment
96.8.B53	Biological diversity. Biodiversity. Biodiversity conservation
	For freshwater biodiversity conservation of a particular region see QH76+
	For freshwater biodiversity of a particular region see QH101+
	Ecology see QH541.5.F7
96.8.E9	Eutrophication
96.8.I57	Introduced freshwater organisms
96.8.N48	Neuston
96.8.P43	Periphyton
96.8.P5	Plankton
	Cf. QK935 Freshwater phytoplankton
	Cf. QL143 Freshwater zooplankton
96.8.P7	Primary productivity

Geographical distribution. Biogeography. Phylogeography
Physiographic divisions
Water. Aquatic biology
Freshwater biology. Limnology
Special topics, A-Z -- Continued
96.8.R34 Remote sensing
96.8.R35 Reservoir drawdown
Special freshwater environments
97 Streams
98 Lakes. Ponds
99 Springs
100 Snow and ice
Topographical divisions
America
101 General works
North America
102 General works
United States
104 General works
104.5.A-Z By region, A-Z
104.5.A6 Appalachian Mountains
104.5.A62 Appalachian Region, Southern
104.5.A74 Arkansas River
104.5.A84 Atlantic Coast
104.5.A85 Atlantic States
104.5.B42 Beartooth Mountains (Mont.and Wyo.)
104.5.B45 Bitterroot Range (Idaho and Mont.)
104.5.B47 Black Hills (S. D. and Wyo.)
104.5.B49 Blue Mountains (Or. and Wash.)
104.5.B5 Blue Ridge Mountains
104.5.C25 Caddo Lake and Region (La. and Tex.)
104.5.C3 Cascade Range
104.5.C35 Champlain, Lake
104.5.C45 Chesapeake Bay
104.5.C48 Clinch River (Va. and Tenn.)
104.5.C58 Colorado Plateau
104.5.C6 Colorado River (Colo.-Mexico)
104.5.C64 Columbia Plateau. Columbia River
104.5.C74 Cross Timbers (Okla. and Tex.)
104.5.C85 Cumberland Mountains
104.5.D4 Death Valley (Calif. and Nev.). Death Valley National Park (Calif. and Nev.)
104.5.D44 Delaware River
104.5.D46 Delmarva Peninsula
104.5.D48 Detroit River (Mich. and Ont.)
Dismal Swamp see QH105.V8
104.5.E37 East
104.5.E73 Erie, Lake
Four Corners Region see QH104.5.S6
104.5.F76 Front Range (Colo. and Wyo.)
104.5.G68 Great Basin
104.5.G7 Great Lakes
104.5.G73 Great Plains
Great Smoky Mountains see QH105.N8
104.5.G84 Gulf Coast
104.5.H53 High Plains
104.5.H83 Hudson River

Geographical distribution. Biogeography. Phylogeography
Topographical divisions
America
North America
United States
By region, A-Z -- Continued

104.5.H86	Huron, Lake (Mich. and Ont.)
104.5.K55	Klamath Mountains (Or. and Calif.). Klamath River Watershed (Or. and Calif.)
104.5.L34	Lake States
104.5.M24	Maine, Gulf of
104.5.M39	Mexican-American Border Region
104.5.M44	Michigan, Lake
104.5.M45	Middle Atlantic States
104.5.M47	Middle West
104.5.M5	Mississippi River. Mississippi River Valley
104.5.M56	Missouri River
104.5.N36	Nanticoke River (Del. and Md.)
104.5.N4	New England
104.5.N45	New York Region
104.5.N54	Niobrara River (Wyo. and Neb.)
104.5.N58	Northeastern States
104.5.N6	Northwest, Pacific
104.5.N62	Northwestern States
104.5.O58	Ontario, Lake (N.Y. and Ont.)
104.5.O9	Ozark Mountains
104.5.P32	Pacific Coast
104.5.P54	Piedmont Region
104.5.P67	Potomac River
104.5.R33	Red River Valley (Minn. and N.D.- Man.)
104.5.R56	Rio Grande Region
104.5.R6	Rocky Mountains
104.5.S25	San Juan River
104.5.S255	San Luis Valley (Colo. and N.M.)
104.5.S27	Savannah River (Ga. and S. C.)
104.5.S54	Sierra Nevada
104.5.S545	Siskiyou Mountains (Calif. and Or.)
104.5.S55	Snake River
104.5.S58	Sonoran Desert
104.5.S59	Southern States
104.5.S6	Southwest. Four Corners Region
104.5.S85	Superior. Lake
104.5.T46	Tennessee River Valley
104.5.W29	Wasatch Range (Utah and Idaho)
104.5.W4	West (U.S.)
104.5.W47	White Mountains (Calif. and Nev.)
104.5.W48	White Mountains (N.H. and Me.)
104.5.Y44	Yellowstone River
104.5.Y85	Yukon River Valley (Yukon and Alaska)
105.A-.W	By state, A-W
	e.g.
	Hawaii see QH198.H3
105.N8	North Carolina
	Including Great Smoky Mountains
105.V8	Virginia
	Including Dismal Swamp

Canada

Geographical distribution. Biogeography. Phylogeography
Topographical divisions
America
North America
Canada -- Continued
106 General works
106.2.A-Z By region or province, A-Z
For regions that include both the United States and Canada see QH104.5.A+
Latin America
106.5 General works
107 Mexico
For regions that include both the United States and Mexico see QH104.5.A+
Central America
108.A1 General works
108.A2-Z By region or country, A-Z
108.B43 Belize. British Honduras
British Honduras see QH108.B43
108.C6 Costa Rica
El Salvador see QH108.S3
108.G8 Guatemala
108.H6 Honduras
108.N5 Nicaragua
108.P3 Panama
108.S3 El Salvador
West Indies. Caribbean Area
109.A1 General works
109.A2-Z By island or group of islands, A-Z
109.A48 Antigue and Barbuda
109.A5 Antilles, Lesser
109.B3 Bahamas
109.B35 Barbados
Bermuda see QH110
109.B66 Bonaire
109.C38 Cayman Islands
109.C9 Cuba
109.C93 Curaçao
109.D65 Dominica
109.D66 Dominican Republic
109.F74 French West Indies
109.G74 Grenada
109.G8 Guadeloupe
109.H3 Haiti
Hispaniola see QH109.D66
Hispaniola see QH109.H3
109.J5 Jamaica
109.N48 Netherlands Antilles
Cf. QH109.B66 Bonaire
Cf. QH109.C93 Curaçao
Cf. QH109.S22 Saba
Cf. QH109.S55 Sint Eustatius
Cf. QH109.S56 Sint Maarten
109.P6 Puerto Rico
109.S22 Saba
109.S24 Saint Kitts and Nevis
109.S25 Saint Lucia
109.S28 Saint Vincent and the Grenadines

Geographical distribution. Biogeography. Phylogeography
Topographical divisions
America
Latin America
West Indies. Caribbean Area
By island or group of islands, A-Z -- Continued
109.S55 Sint Eustatius
109.S56 Sint Maarten
109.T8 Trinidad and Tobago
109.T82 Turks and Caicos Islands
109.V55 Virgin Islands
West Indies, French see QH109.F74
110 Bermuda
South America
111 General works
By region or country
112 Amazon River. Amazonia
113 Argentina
115 Bolivia
117 Brazil
119 Chile
121 Colombia
123 Ecuador
For Galapagos Islands see QH198.G3
Guianas
125 General works
125.2 French Guiana
125.4 Guyana (British Guiana)
125.6 Suriname (Dutch Guiana)
125.85 Orinoco River (Venezuela and Colombia)
127 Paraguay
128 Peru
128.5 Titicaca Lake (Peru and Bolivia)
129 Uruguay
130 Venezuela
Atlantic Ocean islands
132.A1 General works
132.A2-Z By island or group of islands, A-Z
132.A9 Azores
Bermuda see QH110
132.B68 Bouvet Island
Cabo Verde see QH132.C33
132.C3 Canary Islands
132.C33 Cape Verde. Cabo Verde
132.F34 Falkland Islands
132.F37 Faroe Islands
132.G73 Greenland
132.M28 Macaronesia
132.M3 Madeira Islands. Salvages Islands
Salvages Islands see QH132.M3
132.S644 South Georgia Island
132.S646 South Orkney Islands
West Indies see QH109.A1+
Europe
135 General works
By region or country

Geographical distribution. Biogeography. Phylogeography
Topographical divisions
Europe
By region or country -- Continued
British Isles. Great Britain
137 General works
England
138.A1 General works
138.A3-Z Local, A-Z
e.g.
138.S4 Selborne
141 Scotland
143 Ireland
143.5 Northern Ireland
144 Wales
145 Austria
147 France
Including the Riviera
149 Germany
150 Mediterranean Region (General)
Including Islands of the Mediterranean
151 Greece
152 Italy
154 Malta
157 Belgium
158 Luxembourg
159 Netherlands
Russia. Soviet Union. Russia (Federation)
161 General works
Russia in Asia see QH191
161.5 Belarus
161.6 Moldova
161.7 Ukraine
162 Poland
164 Scandinavia (General)
165 Denmark
Faroe Islands see QH132.F37
166 Iceland
168 Norway
169 Sweden
Spain
171 General works
171.2 Balearic Islands
Canary Islands see QH132.C3
173 Portugal
For Azores see QH132.A9
175 Switzerland
Including Alps (General)
177 Balkan Peninsula
Including Turkey in Europe
For Turkey in Asia see QH192
178.A-Z Other European regions or countries, A-Z
178.A47 Albania
178.A53 Andorra
178.A73 Ardennes
178.A85 Atlantic Coast

Geographical distribution. Biogeography. Phylogeography
Topographical divisions
Europe
By region or country
Other European regions or countries, A-Z -- Continued

178.A95	Azov, Sea of (Ukraine and Russia)
178.B9	Bulgaria
178.C28	Carpathian Mountains Region
178.C29	Caspian Sea
178.C33	Caucasus
178.C36	Central Europe
178.C7	Crete
178.C73	Croatia
178.C8	Czechoslovakia. Czech Republic
178.D36	Danube River Valley
178.D54	Dnieper River Watershed
178.D6	Donets Basin (Ukraine and Russia)
178.E88	Estonia
178.F5	Finland
178.H8	Hungary
	Islands of the Mediterranean see QH150
178.I87	Istria
178.J85	Jura Mountains
178.L28	Lapland
178.L34	Latvia
178.L45	Liechtenstein
178.L5	Lithuania
(178.M23)	Macedonia (Republic)
	see QH178.N64
	Mediterranean Region see QH150
178.N64	North Macedonia
178.N67	North Sea Region
178.P53	Pieniny Range (Poland and Slovakia)
178.P97	Pyrenees
178.R55	Rhine River Valley
178.R57	Riga, Gulf of (Latvia and Estonia)
178.R8	Romania
178.S27	San Marino
178.S37	Serbia
178.S65	Slovakia
178.S66	Slovenia
178.T57	Tisza River Valley
178.W47	Western Bug River Region
178.Y8	Yugoslavia
178.5	Eurasia
	Asia
179	General works
	By region or country
181	China
183	India
183.5	Sri Lanka
	Indochina
184	General works
184.2	Cambodia
184.4	Laos
184.6	Vietnam

Geographical distribution. Biogeography. Phylogeography
Topographical divisions
Asia
By region or country -- Continued

185	Malaysia. Malay Peninsula
186	Indonesia
	For Papua see QH186.5
186.5	New Guinea
	Including Papua (Indonesia) and Papua New Guinea
187	Philippines
	Japan
188	General works
188.3	Ryuku Islands
	Including Okinawa Prefecture
189	Iran
190	Kuwait
191	Russia in Asia. Siberia. Russian Far East
	Central Asia
191.3	General works
191.4	Kazakhstan
191.5	Kyrgyzstan
191.6	Tajikistan
191.7	Turkmenistan
191.8	Uzbekistan
192	Turkey in Asia
192.5	Caucasus
	Including Armenia, Azerbaijan, Georgia (Republic)
193.A-Z	Other Asian regions or countries, A-Z
193.A34	Afghanistan
193.B35	Bangladesh
193.B48	Bhutan
193.B65	Borneo
193.B7	Brunei
193.B93	Burma. Myanmar
193.C16	Cambodia
	Caspian Sea see QH178.C29
193.C8	Cyprus
193.E18	East Asia
193.G35	Ganges River
193.G62	Gobi Desert
193.G64	Golan Heights
193.H5	Himalayan Mountains
(193.I5)	Indonesia
	See QH186
193.I7	Iraq
193.I8	Israel. Palestine
193.J6	Jordan
193.K57	Kopet Dag (Turkmenistan and Iran)
193.K6	Korea
193.L42	Lebanon
193.M25	Macau
193.M28	Malacca, Strait of
193.M6	Mongolia
	Myanmar see QH193.B93
193.N4	Nepal
193.O5	Oman

Geographical distribution. Biogeography. Phylogeography
Topographical divisions
Asia
By region or country
Other Asian regions or countries, A-Z -- Continued

193.P28	Pakistan
	Palestine see QH193.I8
193.P33	Pamir-Alai Mountains
193.P349	Persian Gulf
193.P35	Persian Gulf Region
193.P352	Persian Gulf States
193.Q2	Qatar
193.S28	Saudi Arabia
193.S46	Singapore
193.S59	South Asia
193.S6	Southeast Asia
193.S9	Syria
193.T35	Taiwan
193.T46	Thailand
193.T48	Tien Shan
193.U5	United Arab Emirates
(193.V53)	Vietnam
	see QH184.6
193.Y4	Yemen
	Africa
194	General works
195.A-Z	By region or country, A-Z
	Africa, Central see QH195.C37
195.A23	Africa, East
195.A233	Africa, Eastern
195.A24	Africa, French-speaking Equatorial
195.A25	Africa, French-speaking West
195.A3	Africa, North
	Cf. QH150 Mediterranean Region
195.A312	Africa, Northeast
195.A323	Africa, Southern
	Africa, Southwest see QH195.N29
	Africa, Sub-Saharan see QH195.S87
	Africa, West see QH195.W46
195.A4	Algeria
195.B6	Botswana
195.B92	Burkina Faso
195.C36	Cameroon
195.C37	Central Africa
195.C38	Central African Republic
195.C45	Chad
195.C46	Chad, Lake
195.C58	Congo (Brazzaville)
195.C6	Congo (Democratic Republic). Zaire
	Côte d'Ivoire see QH195.I9
195.E4	Egypt
195.E76	Equatorial Guinea
195.E8	Ethiopia
195.G3	Gabon
195.G34	Gambia
195.G53	Ghana

Geographical distribution. Biogeography. Phylogeography
Topographical divisions
Africa
By region or country, A-Z -- Continued

195.G84	Guinea
195.G85	Guinea-Bissau
195.I9	Ivory Coast. Côte d'Ivoire
195.K3	Kalahari Desert
195.K4	Kenya
195.L47	Lesotho
195.L7	Liberia
195.M2	Madagascar
195.M47	Malawi
195.M475	Mali
195.M479	Mauritania
195.M4793	Mayumbe
195.M5	Morocco
195.M6	Mozambique
(195.N27)	Namib Desert
	see QH195.N29
195.N29	Namibia. Southwest Africa
195.N49	Niger River
195.N5	Nigeria
195.N55	Nile River. Nile River Watershed
195.O38	Okavango River
	Rhodesia, Northern see QH195.Z3
	Rhodesia, Southern see QH195.Z55
195.R53	Rift Valley
195.R9	Ruwenzori Mountains
195.R92	Rwanda
195.S3	Sahara
195.S33	Sahel
195.S34	Sao Tome and Principe
195.S36	Senegal
195.S53	Sierra Leone
195.S6	South Africa
195.S67	South Sudan
	Southern Africa see QH195.A323
195.S72	Stanley Pool (Congo (Brazzaville) and Zaire)
195.S87	Sub-Saharan Africa
195.S9	Sudan
195.S92	Sudan (Region)
195.T28	Tanganyika, Lake
195.T3	Tanzania
195.T53	Togo
195.U4	Uganda
	United Arab Republic see QH195.E4
195.V5	Victoria, Lake
195.W46	West Africa
195.Z3	Zambia
195.Z55	Zimbabwe

Indian Ocean islands

196.A1	General works
196.A2-Z	By island or group of islands, A-Z
196.A4	Aldabra Islands
196.C53	Chagos Islands

Geographical distribution. Biogeography. Phylogeography
Topographical divisions
Indian Ocean islands
By island or group of islands, A-Z -- Continued
196.C55 Christmas Island
196.C62 Cocos (Keeling) Islands
196.C64 Comoros
196.H43 Heard Island
196.K3 Kerguelen
Madagascar see QH195.M2
196.M35 Marion Island
196.M38 Mauritius
Including Rodrigues
196.M39 Mayotte
196.R4 Réunion
Rodrigues see QH196.M38
196.S2 Saint Paul
196.S4 Seychelles
Australasia
196.8 General works
Australia
197 General works
197.2.A-Z By state, territory, or region, A-Z
197.5 New Zealand
Pacific Area. Pacific islands
198.A1 General works
198.A2-Z By island or group of islands, A-Z
198.A44 American Samoa
198.B5 Bismarck Archipelago
198.C3 Campbell Island
198.C65 Cook Islands
198.E53 Enewetak Atoll
198.F3 Fanning Island
198.F55 Fiji
198.F74 French Polynesia
198.G3 Galapagos Islands
198.G8 Guam
198.H3 Hawaiian Islands
198.J64 Johnston Island
198.K57 Kiribati
198.M18 Mariana Islands
198.M2 Marquesas Islands
198.M34 Marshall Islands
198.M48 Micronesia
198.M5 Midway Islands
198.N4 New Caledonia
198.P4 Pelew Islands
198.P57 Pitcairn Islands
Including Ducie Atoll, Henderson Island, Oeno Atoll, and Pitcairn Island
Samoa see QH198.W5
198.S3 Samoan Islands
198.S5 Snares Islands (N.Z.)
198.S6 Solomon Islands
198.S67 Spratly Islands
198.T35 Tahiti
198.T66 Tonga

Geographical distribution. Biogeography. Phylogeography
Topographical divisions
Australasia
Pacific Area. Pacific islands
By island or group of islands, A-Z -- Continued
198.T88 Tuvalu
198.V35 Vanuatu
198.W5 Western Samoa. Samoa
(199) Arctic regions
see QH84.1
(199.5) Antarctica
see QH84.2
Tropical regions see QH84.5
Microscopy
201 Periodicals, societies, congresses, serial publications
202 Collected works (nonserial)
203 Dictionaries and encyclopedias
204 History
General works, treatises, and textbooks
Including handbooks
Cf. QH277 Popular works
205 Through 1969
205.2 1970-
206 Study and teaching. Research
207 Technique
Cf. QH231+ Preparation and mounting of objects
Microscopes
Cf. QC370.5+ Optical instruments
211 General works, treatises, and textbooks
Class application of microscopic techniques with the subject to which they are applied, e.g.
QE434 Microscopic analysis of rocks
212.A-Z Special microscopes, A-Z
Including the use and microscopy of special microscopes
212.A25 Acoustic microscopes
212.A76 Atom-probe field ion microscopes
212.A78 Atomic force microscopes
212.C6 Compound microscopes
Confocal microscopes see QH224
212.D5 Dissecting microscopes
212.E4 Electron microscopes
212.F5 Field ion microscopes
212.F55 Fluorescence microscopes
212.I5 Interference microscopes
212.M84 Multiphoton excitation microscopes
212.N43 Near-field microscopes
212.P5 Phase-contrast microscopes
212.P6 Polarizing microscopes
212.P7 Proton microscopes
212.S24 Scanning Auger electron microscopes
212.S28 Scanning electrochemical microscopes
212.S3 Scanning electron microscopes
Including low-voltage scanning electron microscopes
212.S32 Scanning force microscopes
212.S33 Scanning probe microscopes
212.S34 Scanning transmission electron microscopes
212.S35 Scanning tunneling microscopes

Microscopy
Microscopes
Special microscopes, A-Z -- Continued
212.T7 Transmission electron microscopes
212.U48 Ultraviolet microscopes
212.X2 X-ray microscopes
213 Accessories and their use
215 Illuminating apparatus
217 Polarizing apparatus
Cf. QH212.P6 Polarizing microscopes
219 Catalogs of apparatus and supplies
221 Chemical microscopy
Cf. QD98.M5 Microchemical analysis
222 Video microscopy
224 Confocal microscopy
Including confocal fluorescence microscopy
225 Cryomicroscopy
Preparation of microscope specimens. Microtechnique
231 General works
233 Microtomy. Sectioning
234 Embedding
Including specific embedments
235 Fixation
236 Freeze etching
236.2 Freeze fracturing
237 Staining
239 Mounting
251 Photomicrography
255 Microcinematography
Microphotometry see QC391
261 Pictorial works and atlases
Microscopic observations (General)
271 Through 1800
273 1801-1969
273.2 1970-
(274) Microorganisms
see QR
(275) Aquatic microorganisms
see QR105+
277 Popular works
278 Juvenile works
278.5 Recreations

Biology (General)
Cf. N72.B5 Biology and art
Cf. N72.B56
301 Periodicals, societies, congresses, serial publications
302 Collected works (nonserial)
302.5 Dictionaries and encyclopedias
Communication in biology
Cf. QH318 Biological illustration
303 General works, treatises, and textbooks
Information services
Including databases (General)
303.15 Directories
303.2 General works, treatises, and textbooks
303.4.A-Z By region or country, A-Z
Subarrange each country by Table Q5
303.5 Computer network resources
Including the Internet
303.6 Biological literature. Life sciences literature
304 Authorship
Including practical manuals and stylebooks
Cf. PE1475 Preparation of scientific papers in English
304.5 Terminology, notation, abbreviations
For nomenclature see QH83
History and conditions
Cf. QH361 History of evolution
305 General works
305.2.A-Z By region or country, A-Z
305.5 Women life scientists. Women biologists
306 Early works through 1860
General works and treatises
307 1861-1969
307.2 1970-
Textbooks
Advanced
308 Through 1969
308.2 1970-
Elementary
308.5 Through 1969
308.7 1970-
309 Popular works
309.2 Juvenile works
310 Handbooks, tables, formulas, etc.
311 Addresses, essays, lectures
313 Special aspects of the subject as a whole
313.5.A-Z Special topics, A-Z
313.5.F67 Forensic biology
314 Biology as a profession. Vocational guidance
Study and teaching. Research
315 General works
315.25 Teacher training
315.3 Audiovisual aids
315.5 Outlines, syllabi
316 Problems, exercises, examinations
316.4 Activity programs
316.5 Experiments
317 Laboratory manuals

Study and teaching. Research -- Continued
318 Biological illustration
318.5 Fieldwork
Cf. QH58 Nature trails
By region or country
United States
319.A1 General works
319.A2-Z By region or state, A-Z
320.A-Z Other regions or countries, A-Z
Biological laboratories and stations
Class here descriptive works, administrative reports, etc.
For scientific contributions (serial) see QH301
Cf. QH90.6+ Aquatic biological laboratories
Cf. QH91.6+ Marine biological laboratories
Cf. QH96.6+ Freshwater biological laboratories
321 General works
By region or country
United States
321.5 General works
322.A-Z Individual laboratories and stations. By name, A-Z
323.A-Z Other regions or countries, A-Z
Subarrange each country by Table Q6
323.2 Safety measures
323.5 Biometry. Biomathematics. Mathematical models
Cf. QH507 Information theory in biology
Methods of research. Technique. Experimental biology
Cf. QH585+ Cytology
324 General works
324.15 Biological resource centers
Cf. QH442.4 Gene libraries
Data processing. Bioinformatics
324.2 General works
324.25 Artificial intelligence
324.27 Data mining
Tracers
324.3 General works
324.35.A-Z Special elements. By chemical symbol, A-Z (Table Q1)
324.4 Germfree life
Instruments and apparatus (General)
324.42 General works
324.5 Catalogs of apparatus and supplies
324.8 Biological models
324.9.A-Z Other special, A-Z
324.9.A88 Autoclaving
324.9.A9 Autoradiography
324.9.B48 Biophotometry
324.9.B49 Biophysical labeling
324.9.B5 Biotelemetry
324.9.C3 Calorimetry
324.9.C4 Centrifugation
Centrifugation, Density gradient see QH324.9.D46
324.9.C7 Cryobiology. Freeze-drying
324.9.D46 Density gradient centrifugation
324.9.E36 Electron paramagnetic resonance
324.9.E38 Electron probe microanalysis
324.9.E4 Electrophoresis

Methods of research. Technique
Other special, A-Z -- Continued
324.9.E44 Ellipsometry
324.9.E5 Enzymatic analysis
(324.9.F38) Flow cytometry
see QH585.5.F56
324.9.F4 Fluorescence spectroscopy
Freeze-drying see QH324.9.C7
324.9.I5 Infrared spectroscopy
324.9.I8 Isolation perfusion
324.9.L37 Lasers
324.9.L5 Liquid chromatography
324.9.L53 Liquid scintillation counting
324.9.M28 Magnetic resonance
324.9.M3 Manometry
324.9.M5 Microprobe analysis
324.9.N48 Neutron scattering
324.9.N8 Nuclear magnetic resonance
324.9.Q35 Quantitative magnetic resonance
324.9.R3 Radioactivation analysis
324.9.S4 Separation
324.9.S53 Spectrophotometry
324.9.S6 Spectroscopy
324.9.S62 Spin labels
324.9.S95 Synchrotron radiation
324.9.T45 Three-dimensional imaging
324.9.X2 X-ray microanalysis
325 Origin and beginnings of life
326 Exobiology
Cf. QB54 Extraterrestrial life
Space biology
Cf. QK760 Effect of space flight on plants
Cf. QP82.2.W4 Physiology of weightlessness
Cf. RC1150+ Human space physiology
Cf. TL943 Planetary quarantine
Cf. TL945 Space vehicle sterilization
327 General works
328 Space radiobiology
331 Philosophy of biology
332 Bioethics
Cf. R724+ Medical ethics
333 Social aspects of biology
341 Nature of life, vital force, etc.
343 Comparison of living and nonliving matter
343.4 Geobiology. Biosphere
Biogeochemistry
Cf. QR103 Geomicrobiology
343.7 General works
Biogeochemical cycles
Including cycles of individual elements, e.g. carbon cycle, nitrogen cycle, etc.
344 General works
344.3.A-Z By region or country, A-Z

345 General biochemistry of plants and animals
For works limited to chemical aspects of biological materials see QD415+
For the biochemistry of special substances see QP525+
Cf. QK861+ Plant biochemistry
Cf. QP501+ Animal biochemistry
Cf. QR148 Microbiological chemistry
347 Comparison of plants and animals
349 Miscellany and curiosa
351 Morphology
Cf. QK640+ Plant morphology
Cf. QL799+ Animal morphology
Population biology
Cf. HB848+ Demography
Cf. QH455 Population genetics
Cf. QK910 Vegetation dynamics
Cf. QL752 Animal populations
352 General works
352.5 Population viability analysis
353 Biological invasions. Introduced organisms
Cf. QH91.8.B63 Marine biological invasions
Evolution
For classification by organism, see in subclasses QK or QL
Cf. BL263 Religion and science
Cf. QE701+ Paleontology
359 Periodicals, societies, congresses, serial publications
360 Collected works (nonserial)
360.2 Dictionaries and encyclopedias
360.5 Philosophy
360.6 Nomenclature, terminology, notation, abbreviations
361 History
362 Study and teaching. Research
363 Early works through 1860
Works of Darwin
365.A1 Collected works. By date
365.A2-.Z8 Separate works, A-Z
The descent of man
365.D2 Editions. By date
365.D25 Selections. By editor
365.D3-.D79 Translations
Arrange alphabetically by language, then Cutter for translator
365.D8 Criticism and reviews
The expression of the emotions in man and animals
365.E2 Editions. By date
365.E25 Selections. By editor
365.E3-.E79 Translations
Arrange alphabetically by language, then Cutter for translator
365.E8 Criticism and reviews
365.O15-.O18 On the origin of species, previous essays
Essays written before or during the period of the creation of the main work
On the origin of species
365.O2 Editions. By date
365.O25 Selections. By editor
365.O3-.O79 Translations
Arrange alphabetically by language, then Cutter for translator, for example:
365.O5 German
365.O55 Hungarian

Evolution
Works of Darwin
Separate works, A-Z
On the origin of species
Translations -- Continued
365.O68 Romanian
365.O7 Russian
365.O73 Spanish
365.O8 Criticism and reviews
The variation of animals and plants under domestication
365.V2 Editions. By date
365.V25 Selections. By editor
365.V3-.V79 Translations
Arrange alphabetically by language, then Cutter for translator
365.V8 Criticism and reviews
365.Z9 Selections from more than one work. By editor
General works, treatises, and textbooks
366 1861-1969
366.2 1970-
367 Popular works
367.1 Juvenile works
367.3 Critical works
Class here works that argue against the theory of evolution
Cf. BL263 Religion and science
367.5 Phylogenetic relationships
For the evolution of particular animals and groups of animals, see systematic sections, e.g.
QL618.2 Evolution of fishes; QL708.5 Evolution of mammals
(368) Human evolution
see GN281+
(368.5) Plant evolution (General)
see QK980
369 Miscellany and curiosa
(371) Special aspects of the subject as a whole
see QH371.3.A+
371.3.A-Z Special aspects of the subject as a whole, A-Z
371.3.M37 Mathematical models
371.5 Macroevolution
372 Coevolution
372.5 Homoplasy
373 Convergence
375 Natural selection
376 Group selection
378 Symbiogenesis
380 Speciation
390 Mutation in evolution. Evolutionary genetics
395 Heterochrony
398 Punctuated equilibrium
Variation
401 General works
(405) Statistical methods
see QH323.5
(406) Plants
see QK983
408 Animals
408.5 Phenetics
409 Clines

Evolution
Variation -- Continued
411 Experimental study
Hybridization. Hybrid zones
421 General works
(423) Plants
see QK982
425 Animals
Class particular animals in QL or SF
Cf. SF105+ Animal breeding
Genetics
Class here general and experimental works in genetics
For studies made on the genetic constitution of an organism in order to elucidate its total function, see systematic divisions in QK, QL, or QR. For genetic studies for improvement of breed or variety, see the plant or animal in S
For endocrine genetics see QP187.5
For immunogenetics see QR184+
426 Periodicals, societies, congresses, serial publications
426.5 Collected works (nonserial)
427 Dictionaries and encyclopedias
History
428 General works
428.2.A-Z By region or country, A-Z
Biography
429 Collective
429.2.A-Z Individual, A-Z
e.g.
Mendel see QH31.M45
429.5 Directories
General works, treatises, and textbooks
430 General works
431 Human genetics (General)
Cf. CS21.3 Genetic genealogy
Cf. HQ750+ Eugenics
Cf. RB155+ Medical genetics
432 Animal genetics (General)
Cf. QH408 Animal variation
Cf. SF105+ Animal breeding
(433) Plant genetics (General)
see QK981
434 Microbial genetics (General)
Cf. QR73 Variation
436 Pictorial works and atlases
437 Popular works
437.5 Juvenile works
438 Addresses, essays, lectures
438.4.A-Z Special aspects of the subject as a whole, A-Z
438.4.B55 Biochemical markers. Genetic markers
438.4.C45 Chemogenomics
Genetic markers see QH438.4.B55
438.4.M3 Mathematical models
438.4.M33 Mathematics
438.4.S73 Statistical methods
438.5 Heredity and environment. Nature and nurture
438.7 Social and moral aspects
Sociogenomics see QH457.5

Genetics -- Continued
439 Vocational guidance
Study and teaching. Research
440 General works
440.2 Outlines, syllabi
440.3 Problems, exercises, examinations
440.4 Experiments
440.5 Laboratory manuals
Laboratories
440.7 General works
440.8.A-Z By region or country, A-Z
Subarrange each country by Table Q6
441 Technique
441.2 Data processing
441.5 Cytogenetics
Cf. QH600+ Chromosomes
Cf. QP620+ Nucleic acids
Molecular genetics. Genetic engineering
Cf. QK981.5 Plant genetics
Cf. RB155+ Medical genetics
Cf. TP248.6 Genetic engineering applications
442 General works
442.2 Cloning
442.3 Gene targeting
442.4 Gene libraries
442.6 Transgenic organisms. Transgenic animals
Recombination mechanisms
443 General works
444 Segregation. Assortment
Crossing over
445 General works
Linkage and genetic mapping
445.2 General works
445.5 Sex linkage
445.7 Mosaicism
Genes. Alleles. Genome
Cf. QP98 Blood groups
447 General works
447.2 Dominance and recessiveness
447.5 Conversion
Polymorphisms
447.6 General works
447.63.A-Z Special polymorphisms, A-Z
447.63.F43 Fibrinogen polymorphisms
447.63.H45 Hemoglobin polymorphisms
447.63.S56 Single nucleotide polymorphisms
Lethal factors see QH463.5
447.8.A-Z Individual genes and genetic elements, A-Z
447.8.A28 Actin genes
447.8.B46 Beta-glucuronidase genes
447.8.H65 Homeobox genes
Ir genes see QR184.4
447.8.O43 Olfactory receptor genes
Oncogenes see RC268.42
447.8.R47 Reporter genes
447.8.S45 Selfish genetic elements

Genetics
Recombination mechanisms -- Continued
Recombination in microorganisms
448 General works
448.2 Conjugation
448.3 Transduction
448.4 Transformation
Genetic regulation. Gene expression
450 General works
450.2 Genetic code. Transcription
450.25 RNA editing
450.26 RNA interference
450.3 Gene amplification
450.4 Overexpression
450.5 Translation. Assembly
450.6 Post-translational modification of proteins
450.7 Epistasis
451 Cell fusion. Cell hybridization
452 Cytoplasmic inheritance
452.2 Microsatellites
Mobile genetic elements
Cf. QH462.I48 Insertion elements, DNA
452.3 General works
452.5 Episomes
452.6 Plasmids
Cf. QR76.6 Bacterial plasmids
452.7 Quantitative genetics
452.8 In situ hybridization
453 Developmental genetics
455 Population genetics
Cf. GN289+ Physical anthropology
Cf. HB848+ Population (Economic theory)
456 Ecological genetics
Endocrine genetics see QP187.5
Evolutionary genetics see QH390
Immunogenetics see QR184+
457 Behavior genetics
Cf. BF341+ Heredity of consciousness
Cf. BF699+ Genetic psychology
457.5 Sociogenomics
Mutations
Cf. QH390 Mutation in evolution
460 General works
461 Genetic mutation. Polyploidy. Aneuploidy
Chromosomal mutation
462.A1 General works, treatises, and textbooks
462.A2-Z By type, A-Z
462.B7 Breakage
462.D4 Deletion
462.D8 Duplication
462.G46 Gene fusion
462.I48 Insertion elements, DNA
462.I5 Inversion
462.N65 Nondisjunction
462.T7 Translocation
463 Gene mutation

Genetics
Mutations
Gene mutation -- Continued
463.13.A-Z By type, A-Z
463.13.I57 Insertional mutagenesis
463.2 Nonsense mutation
463.5 Lethal factors
464 Spontaneous mutation
Induced mutation. DNA damage
465.A1 General works, treatises, and textbooks
465.A2-Z By agent, A-Z
465.C3 Caffeine
465.C5 Chemicals (General)
465.C6 Colchicine
465.D55 DNA. Polynucleotides
465.N4 Neutrons
465.O44 Oil shale extracts
Polynucleotides see QH465.D55
465.R3 Radiation (General)
465.U4 Ultraviolet rays
465.X2 X-rays
465.5 Site-specific mutagenesis
467 Genetic repair mechanisms
468 Antimutagens
470.A-Z Experimental organisms, A-Z
Prefer classification by genetic aspect studied
470.A85 Aspergillus
470.C6 Corprinus
470.C64 Corn
470.D7 Drosophila
470.E8 Escherichia
Maize see QH470.C64
470.M52 Mice
470.N4 Neurospora
470.O35 Oenothera
470.S23 Saccharomyces cerevisiae
470.T6 Tobacco mosaic virus
470.T68 Tradescantia
470.T7 Trillium
Reproduction
Cf. QK825+ Plants
Cf. QP251+ Animals
471 General works, treatises, and textbooks
Asexual
Cf. QH442.2 Cloning (Genetic engineering)
475 General works, treatises, and textbooks
477 Fission
479 Budding
Sexual
481 General works, treatises, and textbooks
485 Fertilization
487 Parthenogenesis
489 Alternation of generations

Development. Morphogenesis
Including tissue remodeling
Cf. QK665 Plant embryology
Cf. QL951+ Animal embryology
491 General works
492 Evolutionary developmental biology
499 Regeneration
Cf. QK840 Plant physiology
Cf. QP90.2 Animal physiology
Life
Cf. QK710+ Plants
Cf. QP1+ Animals
501 General works, treatises, and textbooks
Biochemistry see QH345
504 Biomagnetism
Cf. QP82.2.M3 Physiological effects of magnetic fields
Cf. QP345 Human magnetic fields
505 Biophysics
506 Molecular biology
Cf. QP187.3.M64 Molecular endocrinology
Homeostasis see QP90.4
507 Information theory in biology
508 Biological control sytems
509 Biological transport
Cf. QH615 Osmosis
509.5 Bioelectronics
510 Bioenergetics
510.5 Bioacoustics
511 Growth
512 Biomineralization
513 Biomechanics
Cf. QP303 Animal mechanics. Human mechanics
513.5 Fluid dynamics
514 Movement. Tropisms. Taxes
Including attachment mechanisms
515 Photobiology
Cf. QH641 Bioluminescence
Cf. QP517.P45 Photobiochemistry
516 Thermobiology
517 Electrophysiology
Cf. QP341 Animals
Cf. QP517.B53 Bioelectrochemistry
518 Respiration
518.5 Anaerobiosis
519 Nutrition
521 Metabolism
523 Dormancy
524 Cryptobiosis. Anhydrobiosis
527 Chronobiology. Periodicity. Biorhythms
Cf. QP84.6 Physiology
528 Degeneration
528.5 Longevity
Cf. QP85 Animals
529 Senescence. Aging

Life -- Continued
530 Death
Cf. QH671 Cell death
Cf. QP87 Animal death
530.5 Biodegradation
Cf. QP517.B5 Animals
Cf. QR135+ Microbial degradation
531 Miscellany and curiosa
Ecology
Class here works on general ecology and general animal ecology. For works on ecology of individual animals and groups of animals, see the animal
For human ecology see GF1+
For ecology of a particular topographic area see QH101+
For plant ecology see QK900+
Cf. BL65.E36 Ecology and religion
Cf. HX550.E25 Communism and ecology
Cf. QH546 Ecological genetics
540 Periodicals, societies, congresses, serial publications
540.3 Collected works (nonserial)
540.4 Dictionaries and encyclopedias
540.5 Philosophy
540.6 Nomenclature, terminology, notation, abbreviations
540.7 Classification
History
540.8 General works
540.83.A-Z By region or country, A-Z
Biography see QH26+
541 General works, treatises, and textbooks
541.13 Popular works
541.14 Juvenile works
541.142 Handbooks, tables, formulas, etc.
541.145 Addresses, essays, lectures
541.15.A-Z Special aspects of the subject as a whole, A-Z
541.15.A9 Autoradiographic techniques
Biodiversity see QH541.15.B56
541.15.B54 Biological assay
541.15.B56 Biological diversity. Biodiversity
For local, see QH84.1+
For physiographic divisions see QH84.8+
Cf. QH75+ Biodiversity conservation
Cf. QH541.15.S64 Species diversity
Cf. QK46.5.D58 Plant diversity
541.15.B84 Buffer zones
541.15.C44 Chemical ecology
541.15.C55 Closed ecological systems
541.15.C67 Corridors
541.15.D6 Documentation
541.15.E19 Ecohydrology
541.15.E22 Ecological assessment (Biology)
541.15.E24 Ecological heterogeneity
541.15.E245 Ecological integrity
541.15.E248 Ecological zones
541.15.E25 Economic ecology
541.15.E26 Ecophysiology
Cf. QP82+ Animal ecophysiology
541.15.E265 Ecosystem health

Ecology
Special aspects of the subject as a whole, A-Z -- Continued
541.15.E267 Ecosystem services
541.15.E27 Ecotones
Including land-water ecotones
541.15.E45 Electronic data processing
541.15.F66 Food chains. Food webs
541.15.F73 Fragmented landscapes
541.15.G46 Geographic information systems
541.15.H34 Habitat suitability index models
Health, Ecosystem see QH541.15.E265
Heterogeneity, Ecological see QH541.15.E24
541.15.I5 Indicators (Biology)
Integrity, Ecological see QH541.15.E245
541.15.K48 Keystone species
541.15.L35 Landscape ecology
For local see QH101+
541.15.M23 Macroecology
541.15.M26 Mapping
541.15.M3 Mathematical models
Cf. QH541.15.H34 Habitat suitability index models
541.15.M34 Mathematics
541.15.M63 Molecular ecology
541.15.M64 Monitoring
541.15.N84 Null models
541.15.R34 Radioactive tracers
541.15.R4 Remote sensing
541.15.R45 Restoration ecology
For local see QH101+
For specific types of environments see QH541.5.A+
541.15.R57 Risk assessment
541.15.S5 Simulation methods
541.15.S62 Spatial ecology
541.15.S64 Species diversity
541.15.S68 Stable isotopes
541.15.S72 Statistical methods
541.15.S95 Surveys
Including general habitat surveys
541.15.T68 Toxicity testing
Zones, Ecological see QH541.15.E248
Communication in ecology
541.18 General works
541.183 Information services
541.185 Computer network resources
Including the Internet
541.187 Translating
Study and teaching. Research
541.2 General works
541.215 Outlines, syllabi
Special teaching methods and aids
541.22 General works
541.23 Audiovisual aids
541.235.A-Z Other methods, A-Z
541.235.G34 Games
541.24 Experiments
541.25 Laboratory manuals

Ecology
Study and teaching. Research -- Continued
By region or country
United States
541.26 General works
541.262.A-Z By region or state, A-Z
541.264.A-Z Other regions or countries, A-Z
Ecological laboratories and stations
541.27 General works
541.273.A-Z By region or country, A-Z
541.28 Technique
541.29 Applied ecology
Cf. QH541.15.M64 Monitoring
Cf. QH541.15.R45 Restoration ecology
541.3 Biological productivity
Cf. QK909.5 Vegetation productivity
541.5.A-Z By type of environment, A-Z
For local see QH101+
Abyssal zone see QH541.5.D35
Antarctica see QH84.2
Aquatic see QH541.5.W3
Arctic regions see QH84.1
541.5.A74 Arid regions
541.5.B63 Bogs
Boreal forests see QH541.5.T3
Brackish waters see QH541.5.E8
Braided rivers see QH541.5.S7
541.5.C24 Canals
541.5.C3 Caves
Cerrados see QH541.5.P7
541.5.C5 Chaparral
541.5.C6 Cities. Urban ecology
541.5.C62 Cliffs
541.5.C63 Cloud forests
541.5.C65 Coasts
541.5.C7 Coral reefs and islands. Reefs
541.5.C73 Coulees
541.5.C95 Cypress swamps
541.5.D35 Deep-sea zone. Abyssal zone
Including hydrothermal vents
541.5.D4 Deserts
541.5.E8 Estuaries. Brackish waters
541.5.F56 Fjords
Floodplains see QH541.5.V3
541.5.F6 Forests
Including forest canopy ecology and old growth forest ecology
Cf. QH541.5.C63 Cloud forests
Cf. QH541.5.P47 Permafrost forests
Cf. QH541.5.R27 Rain forests
Cf. QH541.5.T3 Taigas. Boreal forests
Cf. QH541.5.T66 Tropical dry forests
Cf. SD416+ Forest influences
Cf. SD418+ Deforestation
541.5.F7 Freshwater
541.5.G37 Gardens
Grasslands see QH541.5.P7

Ecology
By type of environment, A-Z -- Continued

541.5.G76 Groundwater
541.5.H43 Heathlands
541.5.H65 Hot springs
Cf. QH541.5.D35 Hydrothermal vents
Cf. QR107 Microbial ecology
541.5.H67 Household ecology
Intertidal zones see QH541.5.S35
541.5.I8 Islands
541.5.J8 Jungle
541.5.K4 Kelp beds
541.5.L27 Lagoons
541.5.L3 Lakes
Cf. QH541.5.S22 Salt lakes
541.5.L53 Llanos
541.5.M27 Mangrove swamps
Marine ecology see QH541.5.S3
541.5.M3 Marshes. Wetlands
541.5.M4 Meadows
541.5.M44 Mediterranean-type
Cf. QH150 Mediterranean Region
541.5.M6 Moors
541.5.M65 Mountains
541.5.O24 Ocean bottom. Seabed
541.5.O25 Ocean currents
Oceans see QH541.5.S3
541.5.P47 Permafrost forests
541.5.P6 Polar regions
541.5.P63 Ponds
541.5.P7 Prairies. Grasslands. Savannas. Cerrados. Steppes
Cf. QH541.5.S18 Sagebrush steppes
541.5.R27 Rain forests
541.5.R3 Rangelands
Reefs see QH541.5.C7
541.5.R4 Reservoirs
541.5.R52 Riparian areas
Rivers see QH541.5.S7
541.5.R62 Roads. Roadsides
541.5.S18 Sagebrush steppes
541.5.S22 Salt lakes
541.5.S24 Salt marshes. Tide marshes
541.5.S26 Sand dunes
Savannas see QH541.5.P7
541.5.S3 Sea. Marine ecology. Ocean ecology
Cf. QH541.5.D35 Deep-sea zone
Seabed see QH541.5.O24
541.5.S35 Seashore. Tidal pools
Including intertidal zones
541.5.S55 Shrublands
541.5.S57 Snow ecology
541.5.S6 Soil
541.5.S65 Springs
Cf. QH541.5.H65 Hot springs
Steppes see QH541.5.P7

Ecology
By type of environment, A-Z -- Continued
541.5.S7 Streams. Rivers
Including braided rivers
Cf. QH541.5.C73 Coulees
541.5.S87 Sublittoral
541.5.S9 Swamps
Cf. QH541.5.C95 Cypress swamps
Cf. QH541.5.M27 Mangrove swamps
541.5.T3 Taigas. Boreal forests
Cf. QH541.5.P47 Permafrost forests
541.5.T45 Temperate forests
541.5.T53 Tidal flats
Tidal pools see QH541.5.S35
Tide marshes see QH541.5.S24
541.5.T66 Tropical dry forests
541.5.T7 Tropics
541.5.T8 Tundras
541.5.U55 Underground ecology
541.5.U64 Uplands
Cf. QH541.5.M65 Mountains
Urban ecology see QH541.5.C6
541.5.V27 Vacant lots
541.5.V3 Valleys. Floodplains
Cf. QH541.5.C73 Coulees
541.5.W3 Water. Aquatic ecology
Water, Fresh see QH541.5.F7
Wetlands see QH541.5.M3
541.5.X45 Xeric ecology
(542) Paleoecology
see QE720
Geobiology see QH343.4
542.5 Biogeomorphology
Bioclimatology. Microclimatology
Cf. QH545.T4 Temperature as a factor in ecology
543 General works
543.2 Acclimatization
Cf. QK913 Plant acclimatization
543.3 Dispersal of organisms by environmental factors
Radioecology. Radiobiology
Cf. QH328 Space radiobiology
Cf. QH545.N8 Nuclear power plants, nuclear reactors
Cf. QH545.N83 Nuclear warfare
Cf. QH652+ Radiation effects on cells
543.5.A1 Periodicals. Congresses
543.5.A2 Collected works (nonserial)
543.5.A3-Z General works, treatises, and textbooks
Aquatic radioecology
543.58 General works
543.6 Marine radioecology
543.8 Brackish water radioecology. Estuarine radioecology
543.9 Freshwater radioecology
543.95 Ultraviolet radiation
544 Phenology

Ecology -- Continued
Influence of special factors in the environment
For works on the technical aspects (e.g., control, measurement, etc.) of pollution in general and of special kinds of pollution see TD172+
Cf. GF51 Human ecology
Cf. QH343.7+ Biogeochemistry
Cf. QK746+ Plants
Cf. QP82+ Animals
Cf. RA565+ Environmental health

545.A1 General works, treatises, and textbooks
545.A15-Z Special, A-Z
Acid precipitation see QH545.A17
545.A17 Acid rain. Acid precipitation. Acid deposition
545.A2 Acids
545.A23 Actinide elements
545.A25 Agricultural chemicals
545.A3 Air pollution
545.A4 Aldrin
545.A42 All terrain bicycles. Mountain bikes
Including all terrain cycling and mountain biking
545.A43 All terrain vehicles
545.A45 Ammonia
545.A77 Arsenic
Atomic warfare see QH545.N83
545.B45 Benzene
545.B47 Beryllium
545.B55 Biological pest control agents
545.B57 Bird declines
545.B6 Boron
Brines, Oil field see QH545.O47
545.C3 Cadmium
545.C34 Campfires
545.C35 Canals
545.C37 Carbon isotopes
545.C47 Chemical elements
545.C48 Chemical warfare. Chemical weapons
545.C5 Chloroform
545.C52 Cholecalciferol
545.C54 Chromium
545.C545 Cities and towns. Urban growth. Urban sprawl
545.C57 Coal-fired power plants
545.C59 Contaminated sediments
Control of weeds see QH545.W43
545.C6 Copper
545.C64 Coral fisheries
545.C78 Cruise ships
545.D35 Dams. Reservoirs
545.D4 Deicing chemicals
Desalination plants see QH545.S33
545.D486 Diazinon
545.D5 Dichloromethane
545.D55 Dioxins
Cf. QH545.T44 Tetrachlorodibenzodioxin
545.D57 Diquat
545.D7 Dredging
545.D713 Dredging (Fisheries)

Ecology
Influence of special factors in the environment
Special, A-Z -- Continued

545.D72	Dredging spoil
545.D74	Drilling muds
545.D75	Drilling platforms
545.E35	El Niño Current
545.E38	Electric power plants
545.E4	Electromagnetic waves
545.E42	ELF electromagnetic fields
	Energy development see QH545.E53
545.E53	Energy industries. Energy development
	Erosion, Soil see QH545.S64
545.E98	Exterior lighting
545.F47	Fertilizers
545.F5	Fire. Fire ecology
545.F52	Fish culture
545.F53	Fisheries
545.F55	Flood control
	Flood dams see QH545.D35
545.F67	Forest management
545.G37	Gas pipelines
545.G46	Geothermal power plants
545.G55	Glyphosate
	Growth, Urban see QH545.C545
545.H34	Hang gliding
545.H42	Heavy metals
545.H47	Herbicides
545.H49	Hexazinone
545.H54	Hiking
545.H92	Hydrocarbons
	Including polycyclic aromatic hydrocarbons
545.H93	Hydroelectric power plants
	Insecticides see QH545.P4
545.L35	Lakeshore development
	Land reclamation see QH545.R38
545.L4	Lead
545.L63	Logging
545.M3	Manganese
545.M34	Mariculture
	Marine pollution see QH545.W3
545.M4	Mercury
545.M45	Metals
	Metals, Heavy see QH545.H42
545.M52	Mineral industries
545.M6	Molybdenum
	Mountain bikes see QH545.A42
	Muds, Drilling see QH545.D74
545.M86	Munitions
	Cf. QH545.C48 Chemical weapons
545.N3	Natural disasters
545.N47	Nickel
545.N5	Nitrogen
545.N65	Noise
545.N8	Nuclear power plants. Nuclear reactors
545.N83	Nuclear warfare

Ecology
Influence of special factors in the environment
Special, A-Z -- Continued

545.O32	Ocean acidification
	Ocean fertilization see QH545.S43
545.O33	Ocean outfalls
	Off-road vehicles see QH545.A43
545.O38	Offshore oil industry
	Cf. QH545.D75 Drilling platforms
545.O47	Oil field brines
545.O5	Oil pollution
	Cf. QH91.8.O4 Marine biology
545.O54	Oil sands extraction plants
545.O56	Oil shales
545.O57	Oil well drilling
545.O72	Organochlorine compounds
545.O74	Organometallic compounds
545.O76	Organophosphorus compounds
545.O87	Outdoor recreation
545.O94	Ozone
545.P37	Pentachlorophenol
545.P38	Perfluorinated chemicals
545.P39	Persistent pollutants
545.P4	Pesticides
	Including insecticides
545.P5	Phosphorus
	Pipelines, Gas see QH545.G37
	Pollution (General) see QH545.A1
	Pollution, Air see QH545.A3
	Pollution, Marine see QH545.W3
	Pollution, Oil see QH545.O5
	Pollution, Thermal see QH545.T48
	Pollution, Water see QH545.W3
545.P6	Polychlorinated biphenyls
	Polycyclic aromatic hydrocarbons see QH545.H92
	Power plants, Coal-fired see QH545.C57
	Power plants, Electric see QH545.E38
	Power plants, Geothermal see QH545.G46
	Power plants, Hydroelectric see QH545.H93
545.P73	Predator control
	Radiation see QH543.5+
545.R38	Reclamation of land
545.R42	Recreation areas
545.R44	Reforestation
	Reservoirs see QH545.D35
545.R58	River regulation
545.R62	Roads
545.S33	Saline water conversion plants. Desalination plants
545.S35	Saltwater encroachment
545.S37	Sand and gravel industry
545.S4	Scuba diving
545.S43	Seawater fertilization. Ocean fertilization
	Sediments, Contaminated see QH545.C59
545.S45	Selenium
545.S49	Sewage
545.S493	Sewage sludge

Ecology
Influence of special factors in the environment
Special, A-Z -- Continued
545.S498 Shore protection
545.S5 Shotgun pellets
545.S55 Silver
545.S56 Skiing
Including snow grooming
Sludge, Sewage see QH545.S493
Snow grooming see QH545.S56
545.S6 Snowmobiles
545.S63 Soil amendments
Including biochar
545.S64 Soil erosion
Sprawl, Urban see QH545.C545
545.S8 Stream channelization
545.S84 Strip mining
545.S9 Sulfur
545.S92 Sulfur compounds
545.T37 Technetium
545.T4 Temperature
545.T44 Tetrachlorodibenzodioxin
545.T45 Textile industry
545.T48 Thermal pollution
545.T55 Tin compounds
545.T7 Trace elements
545.T74 Transuranium elements
545.T743 Trawls and trawling
545.T75 Triclopyr
545.T76 Tritium
545.T87 Turbidity
545.U7 Uranium mining
Urban growth see QH545.C545
Urban sprawl see QH545.C545
545.V3 Vanadium
Vehicles, All terrain see QH545.A43
545.W26 War
Cf. QH545.N83 Nuclear warfare
545.W28 Waste disposal
545.W3 Water pollution
Including marine pollution
Cf. QH90.8.T68 Aquatic toxicology
545.W33 Water resources development
Waterpower electric plants see QH545.H93
545.W43 Weed control
545.X44 Xenobiotics
545.Z56 Zinc
546 Adaptation
Including protective mechanisms, mimicry
Cf. QK912+ Plant adaptation
Cf. QH543.2 Acclimatization
546.3 Competition. Niche
547 Parasitism
Symbiosis
548 General works
548.3 Mutualism

Ecology -- Continued
549 Colonies
549.5 Animal-plant relationships
(555) Degeneration
see QH528
(558) Aging
see QH529
(559) Death
see QH530
Cytology
Class here general and experimental works in cytology.
For works on the cytology of particular animals written to elucidate the total organism, see the systematic divisions in QL
Cf. QH441.5 Cytogenetics
Cf. QK671 Plant cell anatomy
Cf. QK725 Plant cell physiology
573 Periodicals, societies, congresses, serial publications
574 Collected works (nonserial)
575 Dictionaries and encyclopedias
History
577 General works
578.A-Z By region or country, A-Z
General works, treatises, and textbooks
581 Through 1969
581.2 1970-
581.5 Addresses, essays, lectures
582 Pictorial works and atlases
582.4 Popular works
582.5 Juvenile works
Study and teaching. Research
583 General works
583.15 Outlines, syllabi
583.2 Laboratory manuals
Technique
Cf. TP248.27.A53 Animal cell biotechnology
585 General works
Cell culture
585.2 General works
585.3 Serum-free culture media
Cell lines
585.4 General works
585.45 Continuous cell lines
585.457 Lymphoblastoid cell lines
585.5.A-Z Special techniques, A-Z
585.5.C43 Cell fractionation
585.5.C44 Cell separation
585.5.C64 Colony-forming units assay
585.5.C98 Cytofluorometry
585.5.C984 Cytophotometry
585.5.D38 Data processing
585.5.E43 Electrodes, Ion selective
585.5.E46 Electrophoresis
585.5.E48 Electroporation
585.5.F56 Flow cytometry
585.5.I45 Immobilization of cells
585.5.L37 Lasers

Cytology
Technique
Special techniques, A-Z -- Continued
585.5.M52 Micropipette techniques
585.5.M53 Microspectrophotometry
585.5.N82 Nuclear magnetic resonance spectroscopy
(585.5.S45) Serum-free culture
see QH585.3
585.5.S83 Subcellular fractionation
Cell populations
587 General works
588.A-Z Individual types of cells, A-Z
588.A38 Adult stem cells
Embryonic stem cells see QH588.S83
588.S83 Stem cells
Including embryonic stem cells
Stem cells, Adult see QH588.A38
591 Protoplasm. Cytoplasm
595 Nucleus
596 Nucleolus
597 Centrosome. Centriole
599 Chromatin
Chromosomes
Cf. QH462.A1+ Chromosomal mutation
600 General works
600.15 Artificial chromosomes
600.2 Centromere
600.3 Telomere
600.5 Sex chromosomes
600.6 Giant chromosomes. Lampbrush chromosomes
Cell membranes
601 General works
601.15 Electric properties
601.2 Nuclear membranes
602 Lipid membranes. Bilayer lipid membranes. Liposomes
603.A-Z Other special, A-Z
603.C4 Cell junctions
603.C43 Cell receptors
603.C63 Coated vesicles
603.C95 Cytoplasmic filaments
603.C96 Cytoskeleton
603.E6 Endoplasmic reticulum
603.E63 Endosomes
603.E93 Extracellular space
603.G55 Glycocalyces
603.G6 Golgi apparatus
603.I49 Inclusion bodies
603.I54 Ion channels
603.L9 Lysosomes
603.M35 Microbodies
603.M4 Microsomes
603.M44 Microtubules
603.M5 Mitochondria
603.N83 Nuclear matrix
603.P47 Peroxisomes
603.R5 Ribosomes

Cytology
Other special, A-Z -- Continued
603.S27 Sarcoplasmic reticulum
Control mechanisms. Cell regulation
Cf. QP187.3.C44 Endocrinology
604 General works
604.2 Cell interaction
Cf. QP517.C45 Cellular signal transduction
604.3 Cell compartmentation
604.5 Ion exchange
604.7 Cell growth. Cell proliferation
Cell division
605 General works
605.2 Mitosis
605.3 Meiosis
Cell differentiation
607 General works
Cf. QL963.5 Embryology
607.2.A-Z By type of cell, A-Z
607.2.C47 Chromatophores. Pigment cells
Pigment cells see QH607.2.C47
608 Aging of cells
Cf. QH671 Pathology and death
609 Cellular repair mechanisms
Physical and chemical properties
Cf. QH506 Molecular biology
611 General works
613 Histochemistry
615 Osmosis
621 Turgescence
622 Adsorption
623 Adhesion
Physiological properties
631 General works
633 Respiration
634 Ingestion. Pinocytosis, etc.
634.2 Exocytosis
634.5 Metabolism
635 Heat production. Energy
641 Light production. Bioluminescence
Cf. QP517.C54 Chemiluminescence
642 Optical properties
643 Radiation properties
645 Electric properties
645.5 Mechanical properties
646 Contraction
647 Motility. Irritability
Effect of physical and chemical agents on cells
Cf. QK746+ Plant physiology
Cf. QP82+ Animal physiology
650 General works
651 Light
Cf. QH515 Photobiology

Cytology
Effect of physical and chemical agents on cells -- Continued
Radiation
For the effect of radiation on specific organs, organisms, etc., see the specific organ, etc., e.g. QP356.5, Nervous system
Cf. QP82.2.R3 Radiation (Physiology)

652.A1	Periodicals, societies, congresses, serial publications
652.A2	Collected works (nonserial)
652.A3-Z	General works, treatises, and textbooks
652.4	Ultraviolet radiation
(652.5)	Radiogenetics see QH465.R3
652.7	Acoustic radiation
653	Temperature
655	Electricity
656	Magnetic fields
657	Gravity
658	Pressure
659	Chemicals
671	Pathology and death Cf. QH608 Aging of cells

Economic biology
Cf. S494.5.E25 Agriculture
Cf. SB107+ Economic botany
Cf. SF84+ Economic zoology

705	General works
705.5.A-Z	By region or country, A-Z

	Botany
1	Periodicals, societies, congresses, serial publications
3	Collected works (nonserial)
5	Voyages and expeditions
7	Encyclopedias
9	Dictionaries
	Communication of information
9.2	General works
9.3	Information services
9.4	Computer network resources
	Including the Internet
10	Terminology, notation, abbreviations
	Cf. QK96 Nomenclature
11	Indexes of plants
13	Popular names
14.5	Botanical literature
	Including works on herbals
	History
15	General works
21.A-Z	By region or country, A-Z
	Biography
26	Collective
31.A-Z	Individual, A-Z
	e. g.
31.G8	Gray
31.T7	Torrey
35	Directories
	General works and treatises
	Cf. QK91 Works of Linnaeus (Botany only)
41	Early through 1753
45	1754-1969
45.2	1970-
46	Special aspects of the subject as a whole
46.5.A-Z	Special topics, A-Z
46.5.A47	Aerial photography
46.5.B66	Botanizers
	Botany for gardeners see QK50
46.5.D58	Diversity, Plant (General)
	Including centers of plant diversity
	For plant diversity conservation see QK86+
	For local see QK102+
46.5.E4	Electronic data processing
46.5.F67	Forensic botany
46.5.H85	Human-plant relationships
46.5.M3	Mathematical models
46.5.S7	Statistical methods
46.5.V44	Vegetation monitoring
	For local see QK108+
47	Textbooks
48	Handbooks, tables, formulas, etc.
49	Juvenile works
50	Popular works
	For plants of individual regions or countries see QK108+
50.5	Botany as a profession. Vocational guidance
	Study and teaching. Research
51	General works

Study and teaching. Research -- Continued
51.2.A-Z By region or country, A-Z
Each region or country subarranged by author
52 Outlines, syllabi
52.5 Problems, exercises, examinations
52.55 Activity programs
52.6 Experiments
53 Laboratory manuals
Cf. QK673 Anatomy and histology
Audiovisual aids
54 General works
55 Charts
57 Plant analysis blanks
61 Collection and preservation
61.4 Plant prints
62 Vegetation surveys
63 Vegetation mapping
For geographic treatment see QK108+
Botanical gardens
Class here descriptions, catalogs, and administrative reports only. Class other serial publications in QK1
Cf. QK479+ Arboretums
71 General works
73.A-Z By region or country, A-Z
Under each country:
.x *General works*
.x2A-.x2Z *Individual. By name, A-Z*
Herbariums
Class here descriptions, catalogs, and administrative reports only. Class other serial publications in QK1
75 General works
76.A-Z By region or country, A-Z
77.A-Z Individual. By name, A-Z
Laboratories
Class here descriptions, catalogs, and administrative reports only. Class other serial publications in QK1
78 General works
78.5.A-Z By region or country, A-Z
Subarrange each country by Table Q6
Museums. Exhibitions
Class here descriptions, catalogs, and administrative reports only. Class other serial publications in QK1
79 General works
79.5.A-Z By region or country, A-Z
Subarrange each country by Table Q5
81 Addresses, essays, lectures
83 Plant lore
Cf. GR780+ Folklore
National plants. Official plants
Including state, provincial, etc. plants
84.8 General works
By region or country
85 United States
85.3.A-Z Other regions or countries, A-Z
85.5 Wild flowers
Prefer classification by area

Plant conservation. Rare plants. Endangered plants
Including plant diversity conservation and remnant vegetation conservation and management
86.A1 General works
86.A5-Z By region or country, A-Z
86.4 Plant reintroduction
86.5 Applied ethnobotany
Relict plants
86.7 General works
86.73.A-Z By region or country, A-Z
87 Miscellany and curiosa
89 Pressed plants with text. Bound herbaria
Classification
91 Works of Linnaeus (Botany only)
92 Linnaean system (Minor works)
Natural systems
Not to be used for systems developed after Darwin
93 General works, treatises, and textbooks
94 Minor works
Systematics and taxonomy. Philosophy and methodology
95 General works
95.4 Chemotaxonomy
For geographic treatment see QK108+
For systematic treatment see QK494.5.A+
95.6 Molecular aspects
96 Nomenclature
97 Comprehensive systematic works
97.5 Identification
For geographic treatment see QK108+
98 Pictorial works and atlases (of plants)
Prefer classification by area
Atlases of botanical maps are classed in class G
Botanical illustration and artists
Cf. QK98 Pictorial works
History
98.15 General works
98.16.A-Z By region or country, A-Z
Biography
98.18 Collective
98.183.A-Z Individual, A-Z
Including collections of their illustrations
98.2 General works
98.24 Technique
98.3 Catalogs
98.4 Useful plants. Permaculture plants
98.4.A1 General works, treatises, and textbooks
98.4.A5-Z By region or country, A-Z
Economic botany see SB107+
Edible plants
Including edible wild plants
Cf. SB175+ Food crops
98.5.A1 General works, treatises, and textbooks
98.5.A5-Z By region or country, A-Z
Dye plants (General)
Cf. SB285+ Culture
98.7.A1 General works, treatises, and textbooks
98.7.A5-Z By region or country, A-Z

Medical botany (General)
Cf. RS164 Drugs of the vegetable kingdom
Cf. SB293 Culture
99.A1 General works, treatises, and textbooks
99.A5-Z By region or country, A-Z
Poisonous plants
Cf. SB617+ Poisonous plants as pests
100.A1 General works, treatises, and textbooks
100.A5-Z By region or country, A-Z
Geographical distribution. Phytogeography
101 General works, treatises, and textbooks
Aquatic flora (General)
For geographic treatment see QK108+
Cf. QK564+ Algae
102 General works
103 Marine flora (General)
105 Freshwater flora (General)
Topographical divisions
108 Special parts of the world
Including British Empire
America
109 General works
North America
110 General works
112 Illustrations of North American flora
United States
Including East (U.S.)
115 General works
By region
Northeast
117 General works
118 Popular handbooks
121 New England
121.5 Saint John River and Valley (Me. and N.B.)
Atlantic States. Atlantic Coast
122 General works
122.3 Appalachian Mountains
122.5 Middle Atlantic States
122.8 Chesapeake Bay
122.85 Potomac River
122.9 South Atlantic States
Southern States
124 General works
Southeast
Cf. QK122.9 South Atlantic States
125 General works
125.35 Blue Ridge Mountains
125.4 Great Smoky Mountains
125.8 Gulf States
128 Middle West
130 Great Lakes
West (U.S.)
133 General works
134 Ozark Mountains
135 Great Plains
139 Rocky Mountains Region

Geographical distribution. Phytogeography
Topographical divisions
America
North America
United States
By region
West (U.S.) -- Continued
141 Great Basin
Southwest
142 General works
142.2 Chihuahuan Desert
142.3 Mojave Desert
142.4 Sonoran desert
Sierra Nevada
142.7 General works
142.75 Tahoe, Lake, Watershed (Calif. and Nev.)
143 Pacific coast
Northwest
144 General works
144.2 Columbia Basin
By state
145 Alabama
146 Alaska
147 Arizona
148 Arkansas
149 California
150 Colorado
151 Connecticut
152 Delaware
153 District of Columbia
154 Florida
155 Georgia
Hawaii see QK473.H4
156 Idaho
157 Illinois
159 Indiana
160 Iowa
161 Kansas
162 Kentucky
163 Louisiana
164 Maine
165 Maryland
166 Massachusetts
167 Michigan
168 Minnesota
169 Mississippi
170 Missouri
171 Montana
172 Nebraska
173 Nevada
174 New Hampshire
175 New Jersey
176 New Mexico
177 New York
178 North Carolina
179 North Dakota

Geographical distribution. Phytogeography
Topographical divisions
America
North America
United States
By state -- Continued
180 Ohio
181 Oklahoma
182 Oregon
183 Pennsylvania
184 Rhode Island
185 South Carolina
186 South Dakota
187 Tennessee
188 Texas
189 Utah
190 Vermont
191 Virginia
192 Washington
193 West Virginia
194 Wisconsin
195 Wyoming. Yellowstone Park
Canada
201 General works
203.A-Z By region or province, A-Z
For regions that include both the United States and Canada see QK115+
Latin America
205 General works
211 Mexico
Central America
215 General works
216 Belize
217 Costa Rica
218 Guatemala
219 Honduras
220 Nicaragua
221 Panama
222 El Salvador
West Indies. Caribbean area
225 General works
226 Bahamas
227 Cuba
Hispaniola
227.7 General works
227.8 Dominican Republic
228 Haiti
229 Jamaica
230 Puerto Rico
231.A-Z Other, A-Z
231.A48 Antigua and Barbuda
231.A5 Antilles, Lesser
231.A78 Aruba
231.B3 Barbados
British Virgin Islands see QK231.V53
231.C35 Cayman Islands
231.C87 Curaçao

Geographical distribution. Phytogeography
Topographical divisions
America
Latin America
West Indies. Caribbean area
Other, A-Z -- Continued
231.D59 Dominica
Dominican Republic see QK227.8
231.F74 French West Indies
231.G73 Grenada
231.G8 Guadeloupe
231.M35 Martinique
231.N4 Netherlands Antilles
231.S3 Saint Bartholomew
231.S33 Saint Kitts and Nevis
231.S34 Saint Lucia
231.S35 Saint Martin
231.S38 Saint Vincent and the Grenadines
231.T75 Trinidad and Tobago
231.T87 Turks and Caicos Islands
United States Virgin Islands see QK231.V55
Virgin Islands
231.V5 General
231.V53 British Virgin Islands
231.V55 United States Virgin Islands
232 Bermuda
South America
241 General works
261 Argentina
262 Bolivia
263 Brazil
264 Chile
265 Colombia
266 Ecuador
Galapagos see QK473.G2
Guiana
266.8 General works
267 Guyana (British Guiana)
268 Suriname (Dutch Guiana)
269 French Guiana
270 Paraguay
271 Peru
272 Uruguay
273 Venezuela
274 Falkland Islands
Atlantic Ocean Islands
275.A1 General works
275.A3-Z By island or group of islands, A-Z
275.A9 Azores
Bermuda see QK232
Canary Islands see QK422
275.C4 Cabo Verde
Falkland Islands see QK274
275.F37 Faroe Islands
275.M3 Madeira
275.S27 Saint Helena

Geographical distribution. Phytogeography
Topographical divisions
Atlantic Ocean Islands
By island or group of islands, A-Z -- Continued
275.S3 Salvages Islands
275.S68 South Orkney Islands
275.T74 Tristan da Cunha Island
Europe
281 General works
Zone and physiographic divisions
297 Alpine
303.A-Z Other, A-Z
By region or country
British Isles. Great Britain. England
306 General works
307 Ireland
307.5 Northern Ireland
308 Scotland
309 Wales
310 Austria
311 Hungary
313 France
313.5 Monaco
314 Germany
Including East and West Germany
(314.2) East Germany
see QK314
314.5 Mediterranean Region
Including African coast
315 Greece
316 Italy
316.5 Malta
317 Benelux (Low Countries)
318 Belgium
319 Luxembourg
320 Netherlands (Holland)
321 Russia. Soviet Union. Russia (Federation)
Cf. QK372+ Former Soviet areas of Asia
Cf. QK375+ Russia (Federation) in Asia
321.5 Belarus
321.6 Moldova
321.7 Ukraine
322 Poland
323 Finland
324 Scandinavia (General)
Including Lapland
325 Denmark
325.5 Iceland
326 Norway
327 Sweden
Iberian Peninsula
328 General works
329 Spain
329.2 Gibraltar
330 Portugal
331 Switzerland

Geographical distribution. Phytogeography
Topographical divisions
Europe
By region or country -- Continued
Balkan Peninsula
Including Turkey in Europe
332 General works
332.5 Bosnia and Hercegovina
333 Bulgaria
334 Croatia
334.5 Macedonia (Republic). North Macedonia
North Macedonia see QK334.5
335 Romania
Serbia see QK336
335.5 Slovenia
336 Yugoslavia
Including Montenegro and Serbia
339.A-Z Other European regions, islands, or countries, A-Z
339.A5 Albania
Alps see QK297
339.A54 Andorra
339.B34 Baltic States
339.B47 Bessarabia (Moldova and Ukraine)
339.C35 Carpathian Mountains
339.C45 Central Europe
339.C5 Channel Islands
339.C65 Constance, Lake of
339.C8 Czechoslovakia. Czech Republic
339.E37 Eastern Europe
339.E8 Estonia
339.J85 Jura Mountains (France and Switzerland)
339.K67 Kosovo (Republic)
339.L3 Latvia
339.L46 Liechtenstein
339.L5 Lithuania
Mediterranean Region see QK314.5
339.N67 Northern Europe
339.P95 Pyrenees (France and Spain)
339.S55 Slovakia
Yugoslavia see QK336
Asia
341 General works
352 Afghanistan
Arabian Peninsula
353 General works
353.2 Bahrain
353.3 Kuwait
353.4 Oman
353.5 Qatar
353.6 Saudi Arabia
353.7 United Arab Emirates
353.8 Yemen
354 Baluchistan
Cf. QK358.5 Baluchistan in Pakistan
China
355 General works

Geographical distribution. Phytogeography
Topographical divisions
Asia
China -- Continued
355.5 Hong Kong
355.6 Macau
356 Taiwan
357 Mongolia
South Asia. British Indian Empire
357.5 General works
358 India
358.5 Pakistan
Including Baluchistan (Province)
358.7 Bangladesh
359 Sri Lanka
359.5 Nepal
359.6 Bhutan
Southeast Asia
For Malay Peninsula see QK365
360 General works
360.5 Burma. Myanmar
361 Cambodia. Laos. Vietnam. French Indonesia
364 Thailand
365 Malaysia
Including Malay Peninsula and Singapore
For Sabah and Sarawak see QK367
Malay Archipelago
365.5 General works
366 New Guinea
Including Papua (Indonesia) and Papua New Guinea
367 Indonesia
Including Borneo
For Papua see QK366
Brunei see QK367
368 Philippines
Japan
For Karafuto see QK375.2
369 General works
369.3 Ryukyu Islands
Including Okinawa-ken
370 Korea
371 Iran
Former Soviet areas of Asia
Cf. QK377 Caucasus
372 General works
Central Asia
374 General works
374.3 Kazakhstan
374.4 Kyrgyzstan
374.5 Tajikistan
374.6 Turkmenistan
374.7 Uzbekistan
Russia (Federation) in Asia. Siberia. Russian Far East
375 General works
375.2 Sakhalin

Geographical distribution. Phytogeography
Topographical divisions
Asia -- Continued
376 Asia Minor
Including Turkey in Asia
377 Caucasus
Including Armenia, Azerbaijan, Georgia (Republic)
377.3 Cyprus
377.5 Syria
377.7 Lebanon
378 Israel. Palestine
378.5 Jordan
379 Iraq
Bahrain see QK353.2
Kuwait see QK353.3
Oman see QK353.4
Qatar see QK353.5
Saudi Arabia see QK353.6
United Arab Emirates see QK353.7
Yemen see QK353.8
379.5.A-Z Other Asian regions or countries, A-Z
379.5.E38 East Asia
379.5.H55 Himalaya Mountains
379.5.M36 Mannar, Gulf of
379.5.M53 Middle East
379.5.P47 Persian Gulf
380 Arab countries
Africa
381 General works
By region or country
390 North Africa
391 Tropical Africa
Eastern Africa
Cf. QK401 East Africa
392 General works
392.4 Northeast Africa
393 West Africa
393.5 Central Africa
Cf. QK400 Former British Central Africa
394 Southern Africa
395 Ethiopia. Eritrea
Former British possessions
395.8 General works
396 South Africa
400 Central Africa (General)
401 East Africa (General)
402.A-Z Other special, A-Z
402.B6 Botswana
402.E77 Eswatini
402.G3 Gambia
402.G5 Ghana
402.K4 Kenya
402.L48 Lesotho
402.M28 Malawi
Mauritius see QK429.M3
402.N34 Namibia

Geographical distribution. Phytogeography
Topographical divisions
Africa
By region or country
Former British possessions
Other special, A-Z -- Continued
402.N5 Nigeria
402.R5 Rhodesia, Southern. Zimbabwe
402.S5 Sierra Leone
Somalia see QK415
(402.S8) Swaziland
see QK402.E77
402.U2 Uganda
402.Z3 Zambia
Zimbabwe see QK402.R5
Mediterranean Region (General) see QK314.5
403 Egypt
404 Sudan
404.5 South Sudan
Former French possessions
405 Algeria
406 Tunisia
407 Madagascar
408 Senegal. Senegambia
409 Sahara
410.A-Z Other special, A-Z
410.B45 Benin
410.B85 Burkina Faso
Cameroon see QK412
410.C4 Central African Republic
410.C5 Chad
(410.D3) Dahomey
see QK410.B45
410.D55 Djibouti
410.G3 Gabon
410.G84 Guinea
410.I8 Ivory Coast. Côte d'Ivoire
410.M38 Mauritania
Réunion see QK429.M27
410.T64 Togo
Former German possessions
411 Tanzania
411.5 Rwanda
412 Cameroon
413 Namibia. Southwest Africa
(414) Eritrea
see QK395
415 Somalia
416 Zaire. Congo (Democratic Republic)
416.4 Congo (Brazzaville)
417 Liberia
418 Morocco
419 Mozambique
420 Angola
420.5 Sao Tome and Principe
421 Guinea-Bissau

Geographical distribution. Phytogeography
Topographical divisions
Africa
By region or country -- Continued
422 Canary Islands
423 Western Sahara
423.5 Equatorial Guinea
Including Fernando Po
424 Libya
Indian Ocean islands
428 General works
429.A-Z By island or group of islands, A-Z
429.A44 Aldabra Islands
429.C4 Christmas Island. Kiritimati
429.C6 Comoros
429.E63 Eparses Islands
Madagascar see QK407
429.M24 Maldives
429.M27 Mascarene Islands
Including Réunion
429.M3 Mauritius
429.M34 Mayotte
429.P74 Prince Edward Islands
Réunion see QK429.M27
429.S4 Seychelles
429.S6 Sokotra
Australia
431 General works
445 New South Wales
Including Australian Capital Territory
Norfolk Island see QK473.N67
451 Northern Territory
453 Queensland
455 South Australia
457 Tasmania
459 Victoria
461 Western Australia
463 New Zealand and adjacent islands
Pacific islands. Oceania
471 General works
473.A-Z By island or group of islands, A-Z
Cf. QK463 New Zealand and adjacent islands
473.B6 Bonin Island
473.C48 Chuuk (Micronesia)
473.C55 Clipperton Island
473.E17 Easter Island
473.F5 Fiji Islands
473.F74 French Polynesia
473.G2 Galapagos Islands
473.G9 Guam
473.H4 Hawaiian Islands
473.J8 Juan Fernandez (Islands)
473.K55 Kiribati
473.K6 Kommander Islands
473.M3 Makatea
473.M34 Mariana Islands

Geographical distribution. Phytogeography
Topographical divisions
Pacific islands. Oceania
By island or group of islands, A-Z -- Continued
473.M36 Marshall Islands
473.M5 Micronesia
473.M53 Midway Islands
473.N32 Nauru
473.N4 New Caledonia
New Guinea see QK366
Niihau see QK473.H4
473.N57 Niue (Island)
473.N67 Norfolk Island
Oceania see QK471+
Okinawa Islands see QK369.3
473.P3 Palmyra Island
473.P5 Pitcairn Islands
473.P75 Polynesia
473.P78 Ponape Island
473.R27 Raiatea
473.R3 Rarotonga
473.S3 Samoan Islands
473.S6 Society Islands (French Polynesia)
473.T3 Tahiti
473.T6 Tonga
473.T88 Tuvalu
473.V25 Vanuatu
473.W33 Wake Island
Polar regions
473.5 General works
Arctic regions
474 General works
474.2 Greenland
474.3 Svalbard
474.4 Antarctica
474.5 Tropics
Cf. QK391 Tropical Africa
Cf. QK936 Tropical plant ecology
Spermatophyta. Phanerogams
For general works, see general botany
Trees and shrubs
Cf. SD434+ Timber trees
474.8 Periodicals. Societies. Serials
474.83 Collected works (nonserial)
474.85 Congresses
474.87 Dictionaries and encyclopedias
475 General works, treatises, and textbooks
475.6 Pictorial works. Atlases
475.8 Juvenile works
476 Study and teaching. Research
477 Special aspects of the subject as a whole
For historic trees, see D
For folklore of trees see GR785
For national and state trees see QK84.8+
For remarkable trees see SD383+
477.2.A-Z Special topics, A-Z

Spermatophyta. Phanerogams
Trees and shrubs
Special topics, A-Z -- Continued
477.2.A6 Annual rings
Cf. CC78.3 Archaeology
Cf. QC884.2.D4 Dendroclimatology
Flowering see QK830
Flowers see QK653+
477.2.I4 Identification
Rings see QK477.2.A6
Roots see QK644
Arboretums. Fruticeta
479 General works
480.A-Z By region or country, A-Z
Under each country:
.x *General works*
.x2A-.x2Z *Local or individual. By name, A-Z*
(481-493.5) Local
see QK108+
Systematic divisions
Gymnosperms
Including orders and higher (not A-Z)
494 General works
494.5.A-Z By family, A-Z
Class species and genera by family
Abietaceae see QK494.5.P66
494.5.A7 Araucariaceae
494.5.C4 Cephalotaxaceae
Coniferae see QK494
Coniferales see QK494
494.5.C975 Cupressaceae
494.5.C995 Cycadaceae
494.5.E5 Ephedraceae
494.5.G48 Ginkgoaceae
494.5.G565 Gnetaceae
494.5.P58 Phyllocladaceae
494.5.P66 Pinaceae
494.5.P73 Podocarpaceae
494.5.S35 Sciadopityaceae (Japanese umbrella pine)
494.5.S8 Stangeriaceae
494.5.T25 Taxaceae
494.5.T3 Taxodiaceae
494.5.W4 Welwitschiaceae
494.5.Z35 Zamiaceae
Angiosperms
495.A1 General works, treatises, and textbooks
For geographical treatment see QK108+
For works limited to anatomy, morphology, and physiology see QK640+
495.A12 Dicotyledons
Including orders and higher (not A-Z)
495.A14 Monocotyledons
Including orders and higher (not A-Z)
495.A15-Z By family, A-Z
Class species and genera by family
495.A1655 Acanthaceae
495.A17 Aceraceae (Maple)

Spermatophyta. Phanerogams
Systematic divisions
Angiosperms
By family, A-Z -- Continued

495.A175	Achariaceae
495.A176	Achatocarpaceae
495.A177	Actinidiaceae
495.A178	Adoxaceae (Moschatel)
495.A185	Aextoxicaceae
495.A24	Agapanthaceae
(495.A26)	Agavaceae
	see QK495.A83
495.A32	Aizoaceae (Ice plant)
495.A34	Akaniaceae
495.A36	Alangiaceae
495.A4	Alismataceae (Water plantain)
495.A42	Alliaceae (Onion; garlic; leek)
	Aloaceae see QK495.A42
495.A48	Amaranthaceae (Amaranth)
495.A484	Amaryllidaceae (Amaryllis)
495.A485	Amborellaceae
495.A498	Anacardiaceae (Cashew)
495.A499	Ancistrocladaceae
495.A55	Anisophylleaceae
495.A6	Annonaceae (Pawpaw)
(495.A65)	Aphyllanthaceae
	see QK495.A83
	Apiaceae see QK495.U48
495.A66	Apocynaceae (Dogbane)
495.A667	Aponogetonaceae
495.A67	Aquifoliaceae (Holly)
495.A685	Araceae (Arum)
495.A6853	Araliaceae (Ginseng)
	Arecaceae see QK495.P17
495.A688	Aristolochiaceae (Dutchman's pipe)
495.A815	Asclepiadaceae (Milkweed)
495.A83	Asparagaceae (Agaves. Asparagus. Hyacinths. Yuccas)
495.A835	Asphodelaceae
	Asteraceae see QK495.C74
495.A9	Austrobaileyaceae
495.B2	Balanopaceae
495.B23	Balanophoraceae
495.B25	Balsaminaceae (Touch-me-not)
495.B256	Basellaceae (Madeira vine)
495.B33	Bataceae
495.B4	Begoniaceae (Begonia)
495.B45	Berberidaceae (Barberry)
495.B56	Betulaceae (Birch)
495.B62	Bignoniaceae (Catalpa)
495.B63	Bixaceae
(495.B7)	Bombacaceae
	see QK495.M27
495.B73	Boraginaceae (Borage)
	Brassicaceae see QK495.C9
495.B75	Bretschneideraceae
495.B76	Bromeliaceae (Bromelia)

Spermatophyta. Phanerogams
Systematic divisions
Angiosperms
By family, A-Z -- Continued

495.B78	Brunelliaceae
495.B785	Bruniaceae
495.B786	Brunoniaceae (Blue-pincushion)
495.B7865	Buddlejaceae
495.B79	Burmanniaceae
495.B8	Burseraceae (Incense tree)
495.B83	Butomaceae (Flowering rush)
495.B85	Buxaceae (Box)
495.B9	Byblidaceae
495.C11	Cactaceae (Cactus)
495.C1153	Caesalpiniaceae
495.C1155	Callitrichaceae (Water starwort)
495.C15	Calycanthaceae (Spicebush)
495.C17	Calyceraceae
495.C18	Campanulaceae (Bellflower)
	Candolleaceae see QK495.S87
495.C182	Canellaceae
495.C194	Cannabaceae
495.C196	Cannaceae (Canna)
	Capparaceae see QK495.C198
495.C198	Capparidaceae (Spiderflower)
495.C199	Caprifoliaceae (Honeysuckle)
495.C1995	Cardiopteridaceae
495.C1997	Caricaceae (Papaya)
495.C2	Caryocaraceae
495.C24	Caryphyllaceae (Pink)
495.C27	Casuarinaceae (Beefwood)
495.C385	Celastraceae (Staff tree)
495.C39	Centrolepidaceae
495.C395	Cephalotaceae
495.C4	Ceratophyllaceae (Hornwort)
495.C43	Cercidiphyllaceae
495.C46	Chenopodiaceae (Goosefoot)
495.C47	Chloranthaceae
495.C48	Chrysobalanaceae
495.C5	Cistaceae (Rockrose)
495.C55	Clethraceae
	Clusiaceae see QK495.G87
495.C555	Cneoraceae
495.C6	Cochlospermaceae
495.C65	Columelliaceae
495.C7	Combretaceae (White mangrove)
495.C73	Commelinaceae (Spiderwort)
495.C74	Compositae (Sunflower)
495.C76	Connaraceae
495.C78	Convolvulaceae (Morning-glory)
495.C783	Coriariaceae
495.C785	Cornaceae (Dogwood)
495.C786	Corsiaceae
495.C787	Corynocarpaceae
495.C79	Crassulaceae (Stonecrop)
495.C797	Crossosomataceae

Spermatophyta. Phanerogams
Systematic divisions
Angiosperms
By family, A-Z -- Continued

495.C9	Cruciferae (Mustard)
495.C93	Crypteroniaceae
495.C96	Cucurbitaceae (Gourd)
495.C965	Cunoniaceae (Lightwood)
495.C967	Cuscutaceae (Dodder)
495.C97	Cyanastraceae
495.C975	Cyclanthaceae (Panama-hat palm)
495.C979	Cymodoceaceae
495.C98	Cynomoriaceae
495.C997	Cyperaceae (Sedge)
495.C9973	Cyrillaceae (Leatherwood)
495.D325	Daphniphyllaceae
495.D33	Datiscaceae (Durango root)
495.D34	Davidiaceae
495.D35	Davidsoniaceae
495.D4	Degeneriaceae
495.D42	Desfontainiaceae
495.D43	Dialypetalanthaceae
495.D435	Diapensiaceae
495.D44	Dichapetalaceae
495.D45	Didiereaceae
495.D46	Didymelaceae
495.D47	Dilleniaceae
495.D48	Dioncophyllaceae
495.D54	Dioscoreaceae (Yam)
495.D545	Dipentodontaceae
495.D56	Dipsacaceae (Teasel)
495.D564	Dipterocarpaceae
495.D67	Doryanthaceae
495.D76	Droseraceae (Sundew)
495.D9	Duckeodendraceae
495.D95	Dysphaniaceae
495.E25	Ebenaceae (Ebony)
495.E33	Elaeagnaceae
495.E35	Elaeocarpaceae
495.E37	Elatinaceae (Waterwort)
495.E44	Empetraceae (Crowberry)
495.E45	Epacridaceae
495.E64	Eremolepidaceae
495.E68	Ericaceae (Heath)
495.E685	Eriocaulaceae (Pipewort)
(495.E695)	Eriospermaceae see QK495.A83
495.E82	Erythroxylaceae (Coca)
	Escalloniaceae see QK495.S3
	Eucalyptus see QK495.M9
495.E84	Eucommiaceae
495.E85	Eucryphiaceae
495.E9	Euphorbiaceae (Spurge)
495.E95	Eupomatiaceae
495.E96	Eupteleaceae
	Euryalaceae see QK495.T4

Spermatophyta. Phanerogams
Systematic divisions
Angiosperms
By family, A-Z -- Continued

	Fabaceae see QK495.L52
495.F14	Fagaceae (Beech; Oak)
495.F55	Flacourtiaceae
495.F58	Flagellariaceae
495.F6	Fouquieriaceae (Ocotillo)
495.F67	Frankeniaceae (Alkali heath)
495.G26	Garryaceae (Silktassel bush)
495.G27	Geissolomataceae
495.G35	Gentianaceae (Gentian)
495.G37	Geosiridaceae
495.G38	Geraniaceae (Geranium)
495.G4	Gesneriaceae (African violet)
495.G56	Globulariaceae
495.G65	Gomortegaceae
495.G655	Goodeniaceae
495.G74	Gramineae (Grass)
495.G745	Griseliniaceae
495.G75	Grossulariaceae
495.G76	Grubbiaceae
495.G83	Gunneraceae
495.G87	Guttiferae (St. Johnswort)
495.G877	Gyrostemonaceae
495.H15	Haemodoraceae (Bloodwort)
495.H2	Haloragaceae (Water milfoil)
	Haloragidaceae see QK495.H2
495.H3	Hamamelidaceae (Witch hazel)
495.H35	Heliconiaceae
495.H38	Hemerocallidaceae (Daylily)
	Henriqueziaceae see QK495.R85
495.H42	Hernandiaceae
495.H5	Himantandraceae
495.H65	Hippocastanaceae (Horse chestnut)
495.H66	Hippocrateaceae
495.H67	Hippuridaceae (Mare's tail)
495.H7	Hoplestigmataceae
	Houmiriaceae see QK495.H8
495.H8	Humiriaceae
(495.H83)	Hyacinthaceae see QK495.A83
495.H84	Hydnoraceae
(495.H85)	Hydrocaryaceae see QK495.T66
495.H86	Hydrocharitaceae (Elodea)
495.H88	Hydrophyllaceae (Waterleaf)
495.H885	Hydrostachyaceae
495.H9	Hypoxidaceae
495.I25	Icacinaceae
495.I4	Illiciaceae (Anise tree)
495.I75	Iridaceae (Iris)
495.J85	Juglandaceae (Walnut)
495.J855	Julianiaceae
495.J87	Juncaceae (Rush)

Spermatophyta. Phanerogams
Systematic divisions
Angiosperms
By family, A-Z -- Continued

495.J875	Juncaginaceae (Arrow grass)
495.K7	Krameriaceae
	Labiatae see QK495.L25
495.L152	Lacistemaceae
495.L153	Lactoridaceae
495.L25	Lamiaceae (Mint)
495.L32	Lardizabalaceae
495.L375	Lauraceae (Laurel)
495.L42	Lecythidaceae (Brazil nut)
495.L46	Leeaceae
495.L52	Legumes
	Cf. QK495.C1153 Caesalpiniaceae
	Cf. QK495.M545 Mimosaceae
495.L524	Leitneriaceae (Corkwood)
495.L527	Lemnaceae (Duckweed)
495.L528	Lennoaceae
495.L53	Lentibulariaceae (Bladderwort)
495.L72	Liliaceae (Lily)
495.L73	Limnanthaceae (Meadowfoam)
495.L74	Linaceae (Flax)
495.L76	Lissocarpaceae
495.L78	Loasaceae (Evening star)
495.L785	Loganiaceae (Butterfly bush)
495.L87	Loranthaceae (Mistletoe)
495.L88	Lowiaceae
495.L9	Lythraceae (Crepe myrtle)
495.M24	Magnoliaceae (Magnolia)
495.M245	Malesherbiaceae
495.M26	Malpighiaceae
495.M27	Malvaceae (Mallow)
495.M28	Marantaceae (Arrowroot)
495.M285	Marograviaceae
495.M287	Martyniaceae (Devil's claw)
495.M3	Mayacaceae (Bogmoss)
495.M5	Medusagynaceae
495.M51	Medusandraceae
495.M5135	Melanthiaceae
495.M514	Melastomataceae (Meadow beauty)
495.M52	Meliaceae (Mahogany)
495.M524	Melianthaceae (Honey bush)
495.M537	Menispermaceae (Moonseed)
495.M5375	Menyanthaceae
495.M545	Mimosaceae
495.M55	Misodendraceae
495.M6	Molluginaceae
495.M67	Monimiaceae (Voldo)
495.M73	Moraceae (Mulberry)
495.M74	Moringaceae (Horseradish tree)
495.M78	Musaceae (Banana)
	Musales see QK495.A14
495.M8	Myoporaceae
495.M83	Myricaceae (Wax myrtle)

Spermatophyta. Phanerogams
Systematic divisions
Angiosperms
By family, A-Z -- Continued

495.M85	Myristicaceae (Nutmeg)
495.M86	Myrothamnaceae
495.M87	Myrsinaceae
495.M9	Myrtaceae (Myrtle)
495.N3	Naiadaceae
495.N33	Nelumbonaceae
495.N35	Nepenthaceae
495.N37	Neuradaceae
495.N58	Nitrariaceae
495.N6	Nolanaceae
495.N9	Nyctaginaceae (Four-o'clock)
495.N97	Nymphaeaceae (Waterlily)
495.N975	Nyssaceae (Sour gum)
495.O3	Ochnaceae
495.O35	Olacaceae (Tallow-wood)
495.O44	Oleaceae (Olive)
495.O446	Oliniaceae
495.O46	Onagraceae (Evening-primrose)
495.O62	Opiliaceae
495.O64	Orchidaceae (Orchid)
495.O74	Orobanchaceae (Broomrape)
495.O98	Oxalidaceae (Wood sorrel)
495.P15	Paeoniaceae
495.P17	Palmae (Palm)
495.P175	Pandaceae
495.P18	Pandanaceae (Screw pine)
495.P22	Papaveraceae (Poppy)
	Papaverales see QK495.A12
495.P28	Passifloraceae (Passionflower)
495.P42	Pedaliaceae (Benne)
495.P43	Penaeaceae
495.P44	Pentaphragmataceae
495.P445	Pentaphylacaceae
	Peperomiaceae see QK495.P67
495.P446	Peridiscaceae
495.P45	Philydraceae
495.P453	Phrymaceae (Lopseed)
495.P454	Phytolaccaceae (Poke)
495.P5	Picrodendraceae
495.P67	Piperaceae (Pepper)
495.P7	Pittosporaceae
495.P714	Plantaginaceae (Plantain)
495.P72	Platanaceae (Sycamore)
495.P725	Plumbaginaceae (Leadwort)
	Poaceae see QK495.G74
495.P74	Podostemaceae (Riverweed)
495.P77	Polemoniaceae (Phlox)
495.P775	Polygalaceae (Milkwort)
495.P78	Polygonaceae (Buckwheat)
495.P783	Pontederiaceae (Pickerelweed)
495.P8	Portulacaceae
495.P83	Posidoniaceae

Spermatophyta. Phanerogams
Systematic divisions
Angiosperms
By family, A-Z -- Continued

	Potaliaceae see QK495.L785
495.P85	Potamogetonaceae (Pondweed)
495.P95	Primulaceae (Primrose)
495.P957	Proteaceae (Silk oak)
495.P9575	Ptaeroxylaceae
495.P958	Punicaceae (Pomegranate)
495.P997	Pyrolaceae
495.Q5	Quiinaceae
495.R15	Rafflesiaceae
	Ranales see QK495.A12
495.R215	Ranunculaceae (Buttercup)
	Ranunculales see QK495.A12
495.R3	Rapateaceae
495.R4	Resedaceae (Mignonette)
495.R42	Restionaceae
495.R45	Rhamnaceae (Coffeeberry)
495.R46	Rhizophoraceae (Mangrove)
	Rhoeadales see QK495.A12
495.R465	Rhoipteleaceae
495.R468	Roridulaceae
495.R78	Rosaceae (Rose)
495.R85	Rubiaceae (Madder)
495.R956	Ruppiaceae
495.R98	Rutaceae (Citrus)
495.S15	Sabiaceae
495.S16	Salicaceae (Willow)
495.S165	Salvadoraceae (Toothbrush tree)
495.S18	Santalaceae (Sandalwood)
495.S19	Sapindaceae (Soapberry)
495.S2	Sapotaceae (Chicle)
495.S225	Sarcolaenaceae
495.S227	Sarcospermataceae
495.S23	Sargentodoxaceae
495.S24	Saraceniaceae (Pitcher plant)
495.S27	Saururaceae (Lizard's-tail)
495.S3	Saxifragaceae (Saxifrage)
495.S35	Scheuchzeriaceae
495.S353	Schisandraceae (Bay-star vine)
	Scitamineae see QK495.A14
495.S43	Scrophulariaceae (Figwort; snapdragon)
495.S45	Scyphostegiaceae
495.S47	Scytopetalaceae
495.S59	Simaroubaceae (Tree of heaven)
495.S62	Siparunaceae
495.S65	Smilacaceae
495.S7	Solanaceae (Nightshade)
495.S74	Sonneratiaceae
495.S745	Sparganiaceae (Bar-reed)
495.S7455	Sphaerosepalaceae
495.S7456	Sphenocleaceae
495.S76	Stachyuraceae
495.S765	Stackhousiaceae

Spermatophyta. Phanerogams
Systematic divisions
Angiosperms
By family, A-Z -- Continued

495.S77 Staphyleaceae (Bladdernut)
495.S78 Stemonaceae
495.S8 Sterculiaceae (Cacao)
495.S85 Strasburgeriaceae
495.S87 Stylidiaceae
495.S9 Styracaceae (Silverbell tree)
495.S95 Symplocaceae (Sweetleaf)
495.T3 Taccaceae
495.T35 Tamaricaceae (Tamarisk)
495.T355 Tetracentraceae
495.T4 Theaceae (Tea)
495.T45 Theligonaceae
(495.T455) Themidaceae
see QK495.A83
495.T457 Theophrastaceae (Joewood)
495.T46 Thurniaceae
495.T48 Thymelaeaceae
495.T5 Tiliaceae (Linden)
495.T6 Tovariaceae
495.T66 Trapaceae (Water chestnut)
495.T7 Tremandraceae
495.T73 Trigoniaceae
495.T735 Trilliaceae
495.T74 Trimeniaceae
495.T745 Triuridaceae
495.T75 Trochodendraceae
495.T77 Tropaeolaceae (Nasturtium)
495.T8 Turneraceae
495.T9 Typhaceae (Cattail)
495.U4 Ulmaceae (Elm)
495.U48 Umbelliferae (Parsley)
495.U7 Urticaceae (Nettle)
495.V3 Valerianaceae
495.V4 Velloziaceae
495.V48 Verbenaceae (Verbena)
495.V5 Violaceae (Violet)
495.V53 Viscaceae
495.V55 Vitaceae (Grape)
495.V6 Vochysiaceae
495.W5 Winteraceae
495.X3 Xanthorrhoeaceae
495.X9 Xyridaceae (Yelloweyed grass)
495.Z3 Zannichelliaceae
495.Z65 Zingiberaceae (Ginger)
495.Z7 Zosteraceae
495.Z9 Zygophyllaceae (Creosote-bush)

Cryptogams
Including Archegoniatae
For bacteria see QR1+

504 Periodicals, societies, congresses, serial publications
505 General works, treatises, and textbooks
505.5 Juvenile works

Cryptogams -- Continued
506 Anatomy, physiology, etc.
507 Classification. Systematic works
Local
509 North America
United States
510 General works
511.A-Z By region or state, A-Z
Canada
511.2 General works
511.3.A-Z By region or province, A-Z
Latin America
511.7 General works
Mexico
512 General works
512.2.A-Z By region or state, A-Z
512.4 Central America (Table Q3)
512.5 West Indies. Caribbean Area (Table Q3)
512.6 South America (Table Q3)
Europe
512.7 General works
513 Great Britain
514.A-Z Other European regions or countries, A-Z
515 Asia (Table Q3)
516 Africa (Table Q3)
517 Australia
517.5 New Zealand
518 Pacific islands (Table Q3)
519 Arctic regions
519.5 Antarctica
Pteridophyta (Ferns, etc.)
520 Periodicals, societies, congresses, serial publications
521 Anatomy, physiology, etc.
522 General works, treatises, and textbooks
522.5 Juvenile works
523 Classification. Systematic works
523.3 Catalogs and collections
524.A-Z Systematic divisions, A-Z
524.A25 Actiniopteridaceae
524.A29 Adiantaceae
(524.A65) Aspidiaceae
see QK524.D79
524.A7 Aspleniaceae
524.A76 Athyriaceae
524.A94 Azollaceae
524.C9 Cyatheaceae
524.D5 Dennstaedtiaceae
524.D55 Dicksoniaceae
524.D79 Dryopteridaceae
524.E6 Equisetaceae
524.H87 Huperziaceae
524.H9 Hymenophyllaceae
524.I8 Isoetaceae
524.L64 Lomariopsidaceae
524.L9 Lycopodiaceae
524.M3 Marattiaceae

Cryptogams
Pteridophyta (Ferns, etc.)
Systematic divisions, A-Z -- Continued
524.M4 Marsileaceae
524.O7 Ophioglossaceae
524.O8 Osmundaceae
524.P3 Parkeriaceae
524.P7 Polypodiaceae
524.P77 Psilotaceae
Pteridaceae see QK524.A29
524.S33 Salviniaceae
524.S35 Schizaeaceae
524.S46 Selaginellaceae
524.T54 Thelypteridaceae
Geographical distribution
For particular taxa see QK524.A+
524.35 General works
Physiographic divisions (General)
524.37 Water
Land see QK524.35
Topographic divisions
America
524.4 General works
North America
524.5 General works
524.7 Great Lakes region
United States
525 General works
525.5.A-Z By region or state, A-Z
Canada
525.6 General works
525.7.A-Z By region or province, A-Z
Latin America
525.8 General works
Mexico
525.85 General works
525.9.A-Z By region or state, A-Z
526 Central America (Table Q3)
526.2 West Indies. Caribbean area (Table Q3)
526.4 South America (Table Q3)
Europe
526.5 General works
527 Great Britain
528.A-Z Other European regions or countries, A-Z
529 Asia (Table Q3)
530 Africa (Table Q3)
531 Australia
531.5 New Zealand
532 Pacific islands (Table Q3)
Bryophyta. Bryology
532.4 Periodicals. Societies. Serials
532.42 Congresses
532.5 Dictionaries and encyclopedias
History
532.6 General works
532.65.A-Z By region or country, A-Z

Cryptogams
Bryophyta. Bryology -- Continued
Biography
532.7 Collective
532.75.A-Z Individual, A-Z
532.8 Directories
533 General works, treatises, and textbooks
533.3 Juvenile works
533.35 Addresses, essays, lectures
Rare and endangered bryophytes
533.4 General works
533.5.A-Z By region or country, A-Z
533.6 Anatomy, physiology, etc.
533.7 Classification. Systematic works
533.74 Catalogs and collections
By region or country
United States
533.8 General works
533.82.A-Z By region or state, A-Z
533.84.A-Z Other regions or countries, A-Z
Musci (Mosses)
534 Periodicals, societies, congresses, serial publications
535 Anatomy, physiology, etc.
537 General works, treatises, and textbooks
537.5 Juvenile works
538 Classification. Systematic works
538.4 Catalogs and collections
539.A-Z Systematic divisions, A-Z
539.A6 Amblystegiaceae
539.B68 Brachytheciaceae
539.B7 Bryaceae
539.B97 Buxbaumiaceae
539.D5 Dicranaceae
539.E76 Erpodiaceae
539.F5 Fissidentaceae
539.F6 Fontinalaceae
539.F98 Funariaceae
539.G7 Grimmiaceae
539.H64 Hookeriaceae
539.H95 Hypnobryales
539.H96 Hypopterygiaceae
539.M68 Mniaceae
539.O7 Orthotrichaceae
539.O75 Orthotrichales
539.P7 Plagiotheciaceae
539.P78 Polytrichaceae
539.P8 Pottiaceae
539.P93 Pterobryaceae
539.S46 Seligeriaceae
539.S75 Sphagnaceae
539.S76 Splachnaceae
539.S84 Stereophyllaceae
539.T58 Timmiaceae
Local
America
540.4 General works

Cryptogams
Bryophyta. Bryology
Musci (Mosses)
Local
America -- Continued
North America
540.5 General works
540.7 Great Lakes region
United States
541 General works
541.5.A-Z By region or state, A-Z
Canada
541.6 General works
541.7.A-Z By region or province, A-Z
541.8 Latin America
Mexico
541.85 General works
541.9.A-Z By region or state, A-Z
542 Central America (Table Q3)
542.2 West Indies. Caribbean area (Table Q3)
542.4 South America (Table Q3)
542.45 Atlantic islands (Table Q3)
Europe
542.5 General works
543 Great Britain
544.A-Z Other European regions or countries, A-Z
545 Asia (Table Q3)
546 Africa (Table Q3)
547 Australia
547.5 New Zealand
548 Pacific islands (Table Q3)
549 Arctic regions
549.5 Antarctica
Hepaticae (Liverworts)
551 Anatomy, physiology, etc.
553 General works, treatises, and textbooks
554 Classification. Systematic works
555.A-Z Systematic divisions, A-Z
555.A3 Adelanthaceae
555.A5 Aneuraceae
(555.A6) Anthocerotaceae
see QK563.75+
555.B34 Balantiopsaceae
555.B7 Bryopteridaceae
555.D5 Dilaenaceae
555.F6 Fossombroniaceae
555.F9 Frullaniaceae
555.G44 Geocalycaceae
555.G7 Grimaldiaceae
555.H35 Haplomitriaceae
555.J9 Jungermanniaceae
555.L37 Lejeuneaceae
555.L4 Lepidoziaceae
555.L58 Lophocoleaceae
555.L6 Lophoziaceae
555.M2 Marchantiaceae

Cryptogams
Bryophyta. Bryology
Hepaticae (Liverworts)
Systematic divisions, A-Z -- Continued
555.M4 Metzgeriaceae
555.P45 Plagiochilaceae
555.P6 Porellaceae
555.R5 Ricciaceae
555.S34 Scapaniaceae
555.T3 Targioniaceae
Local
America
555.4 General works
North America
555.5 General works
555.7 Great Lakes region
United States
556 General works
556.5.A-Z By region or state, A-Z
Canada
556.6 General works
556.7.A-Z By region or province, A-Z
Latin America
556.8 General works
Mexico
556.85 General works
556.9.A-Z By region or state, A-Z
557 Central America (Table Q3)
557.2 West Indies. Caribbean area (Table Q3)
557.4 South America (Table Q3)
Atlantic Ocean islands
557.45 General works
557.47.A-Z By island or group of islands, A-Z
557.47.F34 Falkland Islands
Europe
557.5 General works
558 Great Britain
559.A-Z Other European regions or countries, A-Z
560 Asia (Table Q3)
561 Africa (Table Q3)
562 Australia
562.5 New Zealand
563 Pacific islands (Table Q3)
563.5 Arctic regions
563.7 Antarctica
563.725 Southern hemisphere
Hornworts
563.75 Periodicals, societies, congresses, serial publications
563.77 Anatomy, physiology, etc.
563.8 General works, treatises, and textbooks
563.84 Classification. Systematic works
563.85.A-Z By genus, A-Z
563.85.A57 Anthoceros
563.87.A-Z By region or country, A-Z
Algae. Algology
564 Periodicals. Societies. Serials

Cryptogams
Algae. Algology -- Continued

564.3	Congresses
564.5	Collected works (nonserial)
564.6	Dictionaries and encyclopedias
	History
564.7	General works
564.73	By region or country, A-Z
	Biography
564.75	Collective
564.77	Individual, A-Z
564.8	Directories
	Anatomy, physiology, etc.
	Including cytology, morphology
565	General works
565.2	Laboratory cultures and technique
565.5	Genetics
566	General works, treatises, and textbooks
566.3	Popular works
566.5	Juvenile works
567	Classification. Systematic works
567.5	Catalogs and collections
568.A-Z	Special topics, A-Z
568.B55	Blooms
568.E26	Ecology
	For systematic treatment see QK569.A+
	For geographic treatment see QK570+
568.E85	Evolution
568.M52	Microalgae
	For systematic treatment see QK569.A+
	For geographic treatment see QK570+
568.T67	Toxic algae
	Including toxic marine algae
569.A-Z	Systematic divisions, A-Z
569.A27	Acrochaetiaceae
569.A43	Alariaceae
	Audouinellaceae see QK569.A27
569.B15	Bacillariaceae
	Bacillariophyceae. Bacillariophyta see QK569.D54
569.B2	Bangiaceae
569.B25	Batrachospermaceae
569.C37	Caulerpaceae
569.C39	Centrales
569.C4	Ceramiaceae
569.C44	Chaetangiaceae
569.C45	Chaetophoraceae
569.C455	Chaetophorales
569.C47	Characeae
569.C48	Characiaceae
569.C483	Charophyta
569.C484	Chattonellaceae
569.C486	Chlamydomonadaceae
569.C49	Chlorellaceae
569.C494	Chlorococcaceae
569.C496	Chloroccales
569.C6	Chlorophyta (Green algae)

Cryptogams
Algae. Algology
Systematic divisions, A-Z -- Continued

569.C617	Chromophyta
569.C62	Chrysophyceae
569.C622	Chrysophytes
569.C624	Cladophoraceae
569.C63	Coccolithophoridaceae
569.C65	Codiaceae
569.C73	Coleochaetaceae
569.C8	Corallinaceae
569.C86	Crossocarpaceae
569.C95	Cryptonemiaceae
569.C956	Cyanidiaceae
	Cyanophyta see QR99.6+
569.C97	Cystoseiraceae
569.D3	Dasyaceae
569.D33	Dasycladaceae
569.D34	Dasycladales
569.D4	Delesseriaceae
569.D43	Desmerestiaceae
569.D46	Desmidiaceae
	Desmidiales see QK569.D46
	Desmidiales (Zygnematales) see QK569.Z82
569.D54	Diatoms (Bacillariophyceae. Bacillariophyta. Diatomophyceae)
569.D55	Dinamoebales
569.D56	Dinoflagellates
	Dunaliellaceae see QK569.P65
569.E9	Euglenaceae
569.E93	Euglenids
569.E96	Eustigmatophyceae
569.F64	Florideae
569.F73	Fragilariaceae
569.F95	Fucaceae
569.G4	Gelidiaceae
569.G42	Gelidiales
569.G5	Gigartinaceae
569.G7	Gonidomataceae
569.G8	Gracilariaceae
569.H44	Hemidiscaceae
569.H46	Heteropediaceae
569.K3	Kallymeniaceae
569.L2	Laminariaceae
569.L34	Laminariales
569.L5	Lemaneaceae
569.L53	Lessoniaceae
569.L56	Lithodermataceae
569.M27	Mallomonadaceae
	Melanophyceae see QK569.P5
569.M48	Mesotaeniaceae
569.M87	Myrionemataceae
	Myxophyceae see QR99.6+
569.N37	Naviculaceae
569.N43	Nemaliales
569.N45	Nemastomataceae
	Nostocaceae see QR99.7.N67

Cryptogams
Algae. Algology
Systematic divisions, A-Z -- Continued

569.O37	Ochromonadaceae
569.O4	Oedogoniaceae. Oedogoniales
569.O6	Oocystaceae
	Oscillatoriaceae see QR99.7.O82
569.P25	Palmariaceae
569.P33	Peridiniales
569.P35	Peyssonneliaceae
569.P39	Pfiesteriaceae
569.P47	Phaeodactylaceae
569.P5	Phaeophyta
569.P54	Phyllophoraceae
569.P65	Polyblepharidaceae
569.P68	Porphyridiaceae
569.P9	Prasiolaceae
569.P93	Prochloraceae
(569.P94)	Protococcaceae
	see QK569.C486
569.P97	Protosiphonaceae
569.P974	Prymnesiophyceae
569.P98	Pseudoanemoniaceae
569.R26	Raphidophyceae
569.R37	Rhodomelaceae
569.R4	Rhodophyta. Rhodophyceae
569.R6	Rhodymeniaceae
569.S2	Sargassaceae
569.S32	Scenedesmaceae
	Schizophyceae see QR99.6+
569.S36	Scytosiphonaceae
569.S43	Selenastraceae
569.S53	Silicoflagellates
569.S56	Siphonocladaceae
569.S7	Sphacelariaceae
	Stigonemataceae see QR99.7.S85
569.T47	Thalassiosiraceae
569.T73	Trentepohliaceae
569.U46	Udoteaceae
569.U5	Ulotrichaceae
569.U55	Ulvaceae
569.U6	Ulvales
569.U66	Ulvophyceae
569.V3	Valoniaceae
569.V35	Vaucheriaceae
569.V9	Volvocaceae
569.V93	Volvocales
569.Z8	Zygnemataceae
569.Z82	Zygnematales

Geographical distribution
For particular taxa see QK569.A+

570	General works
	Physiographic divisions (General)
570.2	Marine
	Cf. SH390+ Fisheries
570.25	Freshwater

Cryptogams
Algae. Algology
Geographical distribution -- Continued
Topographical divisions
America
570.4 General works
North America
570.5 General works
570.7 Great Lakes region
United States
571 General works
571.5.A-Z By region or state, A-Z
Canada
571.6 General works
571.7.A-Z By region or province, A-Z
Latin America
571.8 General works
Mexico
571.85 General works
571.9.A-Z By region or state, A-Z
572 Central America (Table Q3)
572.2 West Indies. Caribbean area (Table Q3)
572.4 South America (Table Q3)
Atlantic Ocean and islands
572.48 General works
572.5.A-Z By region, group of islands, or island, A-Z
Europe
572.9 General works
573 Great Britain
574.A-Z Other European regions or countries, A-Z
575 Asia (Table Q3)
576 Africa (Table Q3)
576.5 Indian Ocean
577 Australia
577.5 New Zealand
577.8 Pacific Ocean
578 Pacific Islands (Table Q3)
Polar regions
579 General works
580 Arctic regions
580.5 Antarctica
Lichens. Lichenology
580.7 Periodicals. Societies. Serials
580.74 Congresses
580.75 Collected works (nonserial)
580.77 Dictionaries and encyclopedias
Biography
580.85 Collective
580.86.A-Z Individual, A-Z
581 Anatomy, physiology, etc.
583 General works, treatises, and textbooks
584 Classification. Systematic works
584.2 Catalogs and collections
584.6.A-Z Special topics, A-Z
584.6.E64 Epiphytic lichens
585.A-Z Systematic divisions, A-Z

Cryptogams
Lichens. Lichenology
Systematic divisions, A-Z -- Continued

585.C28	Caliciales
585.C3	Caloplacaceae
585.C6	Cladoniaceae
585.C65	Collemataceae
585.G8	Graphidaceae
585.H48	Heppiaceae
585.L37	Lecanoraceae
585.L4	Lecidiaceae
585.L53	Lichinaceae
585.L63	Lobariaceae
585.M44	Megalosporaceae
585.O63	Opegraphaceae
585.P17	Pannariaceae
585.P2	Parmeliaceae
585.P34	Peltigeraceae
585.P37	Pertusariaceae
585.P45	Physciaceae
585.R35	Ramalinaceae
585.R7	Roccellaceae
585.S64	Sphaerophoraceae
585.S78	Stereocaulaceae
585.S8	Stictaceae
585.T44	Teloschistaceae
585.T48	Thelenellaceae
585.T5	Thelotremataceae
585.T7	Trypetheliaceae
585.U5	Umbilicariaceae
585.V4	Verrucariaceae
	Local
	America
586.4	General works
	North America
586.5	General works
586.7	Great Lakes region
	United States
587	General works
587.5.A-Z	By region or state, A-Z
	Canada
587.6	General works
587.7.A-Z	By region or province, A-Z
	Latin America
587.8	General works
	Mexico
587.85	General works
587.9.A-Z	By region or state, A-Z
588	Central America (Table Q3)
588.2	West Indies. Caribbean area (Table Q3)
588.4	South America (Table Q3)
	Atlantic Ocean and islands
588.47	General works
588.48.A-Z	By region, group of islands or island, A-Z
	Europe
588.5	General works

Cryptogams
Lichens. Lichenology
Local
Europe -- Continued
589 Great Britain
590.A-Z Other European regions or countries, A-Z
591 Asia (Table Q3)
592 Africa (Table Q3)
593 Australia
593.5 New Zealand
594 Pacific islands (Table Q3)
Arctic regions
597 General works
597.2 Greenland
597.3 Spitzbergen
597.5 Antarctica
597.7 Tropics
Fungi
Cf. QR111+ Soil fungi
Cf. QR245+ Pathogenic fungi
Cf. TA423.2+ Decay of wood
600 Periodicals. Societies. Serials
600.2 Collected works (nonserial)
600.3 Congresses
600.35 Dictionaries and encyclopedias
Biography
600.44 Collective
600.45.A-Z Individual, A-Z
Study and teaching. Research
600.47 General works
600.473.A-Z By region or country, A-Z
600.476 Experiments
600.478 Laboratory manuals
600.48 Collection and preservation
Museums. Exhibitions
600.5 General works
600.53.A-Z By region or country, A-Z
Under each country:
.x *General works*
.x2A-.x2Z *Individual. By name, A-Z*
Catalogs and collections
600.7 General works
600.73.A-Z By region or country, A-Z
Under each country:
.x *General works*
.x2A-.x2Z *Individual. By name, A-Z*
601 Anatomy, physiology, etc.
Including cytology, morphology
602 Genetics, variation, etc.
603 General works, treatises, and textbooks
Classification. Systematic works
603.2 General works
603.3 Nomenclature
603.5 Juvenile works
604 Special aspects of the subject as a whole
604.2.A-Z Special topics, A-Z

Cryptogams
Fungi
Special topics, A-Z -- Continued

604.2.A52	Anaerobic fungi
604.2.A56	Antagonistic fungi
	Aquatic fungi see QK617.8+
604.2.C62	Colonies
604.2.C64	Communities
604.2.C66	Conservation
604.2.E26	Ecology
604.2.E27	Economic aspects
604.2.E28	Ecophysiology
	Ectomycorrhizas see QK604.2.M92
	Edible fungi see QK617
604.2.E48	Endangered fungi
	Endomycorrhizas see QK604.2.M92
604.2.E53	Endophytic fungi
604.2.E85	Evolution
604.2.H34	Hallucinogenic mushrooms
604.2.H95	Hypogeous fungi
604.2.I36	Identification
604.2.L53	Lichen-forming fungi
604.2.L54	Lichenicolous fungi
604.2.M64	Molecular biology
604.2.M89	Mycoparasitism
604.2.M92	Mycorrhizas. Mycorrhizal fungi
	Including ectomycorrhizas and endomycorrhizas
	Cf. SB106.M83 Plant culture
604.2.N45	Nematode-destroying fungi
	Pathogenic fungi see QR245+
604.2.P45	Phytopathogenic fungi
	Cf. SB733 Control of phytopathogenic fungi and fungal diseases of plants
604.2.P56	Pleomorphic fungi
	Poisonous fungi see QK617
604.2.P64	Populations
604.2.P73	Predacious fungi
604.2.S25	Saprophytic fungi
	Soil fungi see QR111+
604.2.S86	Straminipilous fungi
604.2.W65	Wood-decaying fungi
	Cf. TA423.2+ Deterioration and preservation of wood
604.2.W66	Wood-staining fungi
	Cf. TA423.4 Deterioration and preservation of wood
	Yeast fungi see QK617.5
604.2.Z66	Zoosporic fungi
	Local
	America
604.4	General works
	North America
604.5	General works
604.7	Great Lakes region
	United States
605	General works
605.5.A-Z	By region or state, A-Z
	Canada
605.6	General works

Cryptogams
Fungi
Local
America
North America
Canada -- Continued
605.7.A-Z By region or state, A-Z
Latin America
605.8 General works
Mexico
605.85 General works
605.9.A-Z By region or state, A-Z
606 Central America (Table Q3)
606.2 West Indies. Caribbean area (Table Q3)
606.4 South America (Table Q3)
Europe
606.5 General works
607 Great Britain
608.A-Z Other European regions or countries, A-Z
609 Asia (Table Q3)
610 Africa (Table Q3)
611 Australia
611.5 New Zealand
612 Pacific islands (Table Q3)
615 Arctic regions
615.5 Antarctica
615.7 Tropics
617 Edible and poisonous fungi. Mushrooms (Popular works)
For geographic treatment see QK604.4+
For systematic treatment see QK621+
Cf. SB352.85+ Culture
617.5 Yeast fungi (General)
For geographic treatment see QK604.4+
For systematic treatment see QK621+
Cf. QR151+ Microorganisms of fermentation
Cf. TP433 Food processing and manufacture
Cf. TP580+ Brewing
Aquatic fungi (General)
For geographic treatment see QK604.4+
For systematic treatment see QK621+
617.8 General works
618 Marine fungi (General)
618.2 Freshwater fungi (General)
Systematic divisions
Phycomycetes
621.A1 General works, treatises, and textbooks
621.A2-Z Special, A-Z
621.A42 Albuginaceae
621.B37 Basidiobolus
621.B6 Blastocladiaceae
621.C48 Choanephoraceae
621.C5 Chytridiaceae
621.C63 Coelomomycetaceae
621.E3 Eccrinales
621.E47 Endogonaceae
621.E49 Entomophthoraceae

Cryptogams
Fungi
Systematic divisions
Phycomycetes
Special, A-Z -- Continued

621.E5	Entophlyctaceae
621.L44	Leptomitales
	Molds see QK600+
621.M6	Monoblepharidaceae
621.M64	Mortierellaceae
621.M94	Mucoraceae
621.M96	Mucorales
621.O4	Olpidiaceae
	Oomycetes see QK621.A1
621.P45	Peronosporaceae
621.P47	Peronosporales
621.P9	Pythiaceae
621.R5	Rhipidiaceae
621.S24	Saprolegniaceae
621.S25	Saprolegniales
621.S9	Synchytriaceae
621.T45	Thraustochytriaceae
	Trichomycetes see QK621.A1
621.W6	Woroniaceae

Ascomycetes

623.A1	General works, treatises, and textbooks
623.A2-Z	Special, A-Z
623.A8	Ascobolaceae
	Aspergillus see QK625.M7
623.A93	Asterinales
623.C36	Capnodiaceae
623.C53	Chaetomiaceae
623.C55	Clavicipitaceae
623.C57	Clavicipitales
623.D47	Dermateaceae
623.D55	Diaporthales
	Discomycetes see QK623.A1
623.D72	Dothideaceae
623.D74	Dothideales
623.E4	Elaphomycetaceae
623.E56	Endomycetaceae
623.E7	Erysiphaceae
623.E73	Erysiphales
(623.E85)	Eurotiaceae
	see QK623.T75
623.G55	Gnomoniaceae
623.G94	Gymnoascaceae
623.H35	Helotiaceae
623.H4	Helvellaceae
623.H76	Hyaloscyphaceae
623.H86	Hypocreaceae
623.H87	Hypomycetaceae
623.H88	Hysteriaceae
623.L3	Laboulbeniales
623.L39	Leotiaceae
623.L6	Lophiostomaceae

Cryptogams
Fungi
Systematic divisions
Ascomycetes
Special, A-Z -- Continued

623.M36	Manglicolaceae
623.M38	Melanconidaceae
623.M39	Melanommatales
	Meliolaceae see QK623.M4
623.M4	Meliolales. Meliolaceae
623.M5	Microthyriaceae
623.M63	Monascaceae
623.M65	Morchellaceae
623.M89	Mycocaliciales
623.M93	Mycosphaerellales. Mycosphaerellaceae
623.N43	Nectriaceae
623.O58	Onygenaceae
623.O6	Ophiostomataceae
623.O75	Otideaceae
	Patellariaceae see QK623.P5
	Penicillium see QK625.M7
623.P5	Pezizaceae
623.P53	Pezizales
623.P6	Phacidiaceae
623.P62	Phacidiales
623.P63	Phyllachoraceae
623.P66	Pleosporaceae
623.P68	Pleosporales
623.P8	Pseudosphaeriaceae
	Pyrenomycetes see QK623.A1
623.P93	Pyrenulaceae
623.P95	Pyronemataceae
623.R45	Rhytisamtaceae
623.S23	Saccharomycetaceae
623.S26	Sarcoscyphaceae
623.S27	Sarcosomataceae
623.S3	Sclerotiniaceae
623.S6	Sordariaceae
623.S73	Sphaeriaceae
623.S76	Sphaeriales
623.T3	Taphrinaceae
623.T54	Thermoascaceae
623.T75	Trichocomaceae
623.T8	Tuberaceae
623.V35	Valsaceae
623.V46	Venturiaceae
623.X9	Xylariaceae
623.Z64	Zopfiaceae

Fungi imperfecti (Deuteromycetes)

625.A1	General works, treatises, and textbooks
625.A2-Z	Special, A-Z
625.A48	Agonomycetaceae
625.C76	Cryptococcaceae
625.D4	Dematiaceae
	Discellaceae see QK625.E9
625.E9	Excipulaceae

Cryptogams
Fungi
Systematic divisions
Fungi imperfecti (Dueteromycetes)
Special, A-Z
Hyphomycetes see QK625.A1
625.L4 Leptostromataceae
625.M4 Melanconiaceae
Melanconiales see QK625.M4
625.M7 Moniliaceae
625.M74 Moniliales
Mucedinaceae see QK625.M7
625.M9 Mycelia Sterilia
Nectrioidaceae see QK625.Z9
Phyllostictaceae see QK625.S5
Phyllostictales see QK625.S6
625.R4 Rhizoctonia
Sphaerioidaceae see QK625.S5
625.S5 Sphaeropsidaceae
625.S6 Sphaeropsidales
Stilbaceae see QK625.S7
625.S7 Stilbellaceae
625.T8 Tuberculariaceae
625.Z9 Zythiaceae
Basidiomycota
626 General works, treatises, and textbooks
Teliomycetes
626.3 General works, treatises, and textbooks
626.5 Septobasidiales. Septobasidiaceae
Uredinales (Rust fungi)
627.A1 General works, treatises, and textbooks
627.A2-Z Special, A-Z
627.C65 Coleosporiaceae
627.C75 Cronartiaceae
627.M44 Melampsoraceae
627.P97 Pucciniaceae
Ustomycetes
627.3 General works, treatises, and textbooks
627.4 Cryptobasidiales. Cryptobasidiaceae
627.45 Cryptomycocolacales. Cryptomycocolacaceae
Exobasidiales
627.5 General works, treatises, and textbooks
627.53.A-Z Special, A-Z
627.53.E93 Exobasidiaceae
627.6 Graphiolales. Graphiolaceae
627.7 Platygloeales. Platygloeaceae
627.8 Sporidiales. Sporidiobolaceae
Ustilaginales (Smut fungi)
628.A1 General works, treatises, and textbooks
628.A2-Z Special, A-Z
628.T5 Tilletiaceae
628.U8 Ustilaginaceae
Basidiomycetes
628.5 General works, treatises, and textbooks
629.A-Z Special, A-Z
629.A4 Agaricaceae

Cryptogams
Fungi
Systematic divisions
Basidiomycota
Basidiomycetes
Special, A-Z -- Continued

629.A44	Agaricales
629.A53	Amanitaceae
(629.A58)	Aphyllophorales
	see QK628.5
629.A74	Athiliaceae
629.A8	Auriculales. Auriculariaceae
629.B58	Bolbitiaceae
629.B6	Boletaceae
629.B63	Boletales
629.C3	Cantharellaceae
629.C33	Cantharellales
629.C6	Clavariaceae
629.C783	Coriolaceae
629.C785	Corticiaceae
629.C787	Cortinariaceae
629.C83	Crepidotaceae
629.C95	Cyphellaceae
629.C97	Cystofilobasidiales. Cystofilobasidiaceae
629.D2	Dacrymycetaceae
629.E34	Echinodontiaceae
629.E56	Entolomataceae
(629.E9)	Exobasidiaceae
	see QK627.53.E93
629.F37	Favolaschiaceae
629.G18	Ganodermataceae
	Gasteromycetes see QK626+
629.G4	Geastraceae
	Geastrales see QK629.L92
629.G6	Gomphaceae
629.H8	Hydnaceae
629.H86	Hygrophoraceae
629.H89	Hymenochaetaceae
629.H9	Hymenogastraceae
	Hymenomycetes see QK626+
629.L33	Lachnocladiaceae
629.L9	Lycoperdaceae
629.L92	Lycoperdales
629.M4	Melanogastraceae
629.N5	Nidulariales. Nidulariaceae
629.P55	Peniophoraceae
629.P6	Phallaceae
629.P63	Phallales
629.P64	Phanerochaetaceae
629.P67	Pluteaceae
629.P7	Polyporaceae
629.P74	Poriales
(629.R5)	Rhodophyllaceae
	see QK629.E56
629.R87	Russulaceae
629.S35	Sclerodermataceae

Cryptogams
Fungi
Systematic divisions
Basidiomycota
Basidiomycetes
Special, A-Z -- Continued
(629.S4) Septobasidiaceae
see QK626.5
629.S73 Stereaceae
629.S76 Strobilomycetaceae
629.S77 Strophariaceae
629.T4 Thelephoraceae
629.T67 Tremellaceae
629.T7 Tremellales
629.T73 Tricholomataceae
629.T8 Tulasnellaceae
(633) Myxobacterales
see QR82.M95
Myxomycetes (Slime molds)
635.A1 General works, treatises, and textbooks
635.A2-Z Special, A-Z
635.C4 Ceratiomyxaceae
635.D5 Dictyosteliaceae
635.D53 Dictyosteliales
635.P5 Physaraceae
635.P6 Plasmodiophoraceae
635.P65 Plasmodiophorales
635.S8 Stemonitaceae
(638) Eccrinales
see QK621.E3
Plant anatomy
Including plant morphology
Cf. QK665 Embryology
Cf. QK671 Histology
Cf. QK725 Cytology
640 Periodicals. Societies. Serials
640.2 Collected works (nonserial)
640.3 Congresses
640.4 Dictionaries and encyclopedias
641 General works, treatises, and textbooks
642 Pictorial works and atlases
642.5 Addresses, essays, lectures
(643) Individual plants and groups of plants
see QK495+
Vegetative organs
644 Root and modifications. Root tubercles
Bacteriology of root nodules see QR113
644.5 Haustoria
Shoot
Including buds, apexes, etc.
645 General works
Stem
Including bulbs, rhizomes, types of branching
646 General works
646.7 Tree trunks
647 Wood

Plant anatomy
Vegetative organs
Shoot
Stem -- Continued
648 Bark
649 Leaf and modifications. Stipules
650 Appendages
Including trichomas, thorns, spines, tendrils, scales, hairs, etc.
651 Thallus
Reproductive organs of spermatophytes
652 General works
Flower and inflorescence
653 General works
654 Receptacle
Perianth
655 General works
656 Calyx
657 Corolla
658 Androecium. Palynology
Including stamens, pollen, etc.
659 Gynoecium
Including pistils, ovary, etc.
Fruit and seed
660 General works
661 Seed
Cf. QK898.S43 Seed storage compounds
662 Reproductive organs of cryptogams
663 Alternation of generations
664 Teratology
665 Embryology
Including embryos, embryosacs, morphogenesis, spermatogenesis, etc.
(667) Phylogeny
see QK989
669 Nomenclature of color as applied to plant description
671 Histology
673 Technique
Including microscopy, microtechnique, photomicrography
(683-707) Individual parts
see QK644+
Plant physiology
710 Periodicals, societies, serial publications
710.2 Congresses
General works, treatises, and textbooks
711 Through 1969
711.2 1970-
711.5 Juvenile works
Study and teaching. Research
714 General works
714.3 Problems, exercises, examinations
714.4 Experiments
714.5 Laboratory manuals
Instruments and apparatus
715 General works
715.5 Phytotrons and growth chambers

Plant physiology -- Continued
717 Plant ecophysiology
Including plant resource allocation
For geographic treatment see QK108+
For systematic treatment see QK494+
For physiographic treatment see QK930+
Physical plant physiology
720 Physiology of the vegetative organs (General)
For individual organs and groups of organs see QK644+
725 Plant cells and tissues
728 Molecular biology
Growth. Development
Including pattern formation
Cf. QK665 Embryology
731 General works
740 Germination
745 Factors influencing growth
Chemical agents affecting plants
Cf. S631+ Fertilizers
Cf. SB742+ Deficiency diseases
Cf. SD408 Use of fertilizers
746 General works, treatises, and textbooks
Including nutritive matter, etc.
Pollutants
Cf. SB744.5+ Plant pathology
750 General works
751 Air pollutants
Cf. SB745 Plant pathology
753.A-Z Special chemicals, A-Z
753.A25 Acids
753.A4 Alkaloids
753.A45 Aluminum
753.A78 Arsenic
Ascorbic acid see QK753.V58
753.A79 Atrazine
753.A8 Auxin
753.B4 Benzylaminopurine
753.B6 Borax
753.B7 Boron
753.C16 Cadmium
753.C2 Calcium
753.C3 Carbon dioxide
753.C58 Chelates
753.C6 Chlorides
753.C62 Chlorophenoxyacetic acid
753.C67 Cobalt
753.C7 Colchicine
753.C74 Copper
753.C743 Copper chlorides
753.D4 Detergents
753.D5 Dichlorophenoxyacetic acid
753.E7 Essences and essential oils
753.E8 Ethylene
753.F5 Fluorescein
753.F53 Fluorides
753.G45 Galactose

Plant physiology
Physical plant physiology
Chemical agents affecting plants
Special chemicals, A-Z -- Continued

753.G47	Gases
753.G5	Gibberellins. Gibberellic acid
753.H4	Heavy metals
753.H45	Herbicides
	Cf. SB744.25 Herbicide injuries
753.H93	Hydrogen-ion concentration
753.I5	Indolacetic acid
753.I54	Insecticides
753.I6	Iodine
753.I7	Iron
753.L37	Latex
753.M27	Magnesium
753.M3	Manganese
753.M47	Metals
753.M56	Minerals
753.M6	Molybdenum
753.N5	Nitrates
753.N54	Nitrogen
753.P37	Pentachlorophenol
753.P4	Petroleum
753.P48	Phosphorus
753.P65	Poisons
753.P67	Polycyclic aromatic hydrocarbons
753.P7	Potassium
753.R33	Radioactive substances
	Cf. SB746 Plant pathology
753.S3	Salt
753.S32	Salts
753.S5	Silicon
753.S57	Sodium fluoride
753.S6	Sodium sulfate
753.S65	Succinic acid
753.S7	Sugars
753.S8	Sulfates
753.S84	Sulfur
753.S85	Sulfur dioxide
753.T5	Thallium
753.T53	Thiamine
753.T55	Thioureas
753.T7	Trace elements
753.T75	Tritium
753.V58	Vitamin C
753.X45	Xenobiotics
753.Z5	Zinc

Physical agents affecting plants (General)
Cf. QK870+ Effect of floods, water levels, etc.

754	General works
754.4	Atmosphere

Plant physiology
Physical plant physiology
Physical agents affecting plants (General) -- Continued
Climate
Cf. QK913 Acclimatization
Cf. QK914 Phenology
Cf. S600+ Crops and climate
Cf. SD390.5+ Forests and climate
754.5 General works
Local see QK108+
754.7.A-Z Special topics, A-Z
Drought tolerance see QK754.7.D75
754.7.D75 Droughts. Drought tolerance
Cf. SB791 Plant pathology
Frost see QK756
754.7.S55 Snow
Temperature see QK755+
754.7.W55 Wind
Cf. SB793 Plant pathology
Temperature
755 General works
755.5 Heat
Including heat production in plants
756 Cold. Frost
Cf. SB781 Plant pathology
757 Radiation
Including light, X-rays, ultraviolet rays, etc.
758 Electricity
759 Mechanical forces
759.5 Volcanic eruptions
760 Space flight
761 Periodicity. Dormancy. Photoperiodism
Aging. Senescence
762.5 General works
763 Shedding of leaves, etc. Abscission
769 Miscellaneous special topics
Movements. Irritability in plants
771 General works
Movements affecting growth
773 Nutation. Torsion
Climbing plants, tendrils, etc.
776 Miscellaneous induced movements
Including geotropism, phototropism, heliotropism, etc.
791 Movements of variation (not affecting growth)
793 Mechanics
Reproduction
Cf. QK982 Hybridization
825 General works
826 Asexual reproduction
Sexual reproduction
827 General works
828 Fecundation. Fertilization. Sterility
830 Flowering
Cf. SB126.8 Plant culture
840 Reparative processes. Regeneration
Cf. SD406 Tree surgery, etc.

Plant physiology
Physical plant physiology -- Continued
844 Luminescence. Light production
845 Electrophysiology of plants
Cf. QK758 Effect of electricity on plants
Botanical chemistry. Phytochemicals
Cf. QK981.3 Biochemical genetics
Cf. QR148 Microbiological chemistry
861 General works, treatises, and textbooks
Analysis and composition of plants
For chemistry of wood see TS932+
865 General works
(866) Chemical analysis of individual plants
see QK495+
Nutrition. Plant food. Assimilation of nitrogen, etc.
867 General works
Plant-water relationships
Including general works on the effects of water levels and floods on plants
Cf. SB785 Plant pathology
870 General works
871 Absorption of water. Osmosis, sap movements, wilting, translocation, etc.
873 Transpiration. Action of stomata, etc.
875 Gases in plants
876 Gases from plants
Metabolism
881 General works
882 Photosynthesis. Assimilation and utilization of carbon dioxide
887 Formation of new organic matter
891 Respiration
894 Anaerobiosis
896 Fermentation. Enzymes, diastase, etc.
897 Miscellaneous products
898.A-Z Special plant constituents, A-Z
898.A15 Abscisic acid
898.A156 Acetolactate synthase
898.A16 Acetylenes
898.A18 Adenosine triphosphatase
898.A2 Albumins
898.A3 Algin
898.A4 Alkaloids
Cf. QD421+ Chemistry
898.A43 Allelochemicals. Allelopathic agents
898.A5 Amino acids
898.A52 Aminoacyl-tRNA
898.A53 Amyloid
898.A55 Anthocyanins
898.A57 Antioxidants
898.A59 Antiviral proteins
898.A67 Arabinoglactan
898.A7 Ascorbic acid
898.A74 Asparagine
898.A8 Auxin
898.B54 Bioactive compounds
898.B56 Biogenic amines
898.B85 Brassinosteroids
898.C2 Calcium

Plant physiology
Botanical chemistry. Phytochemicals
Nutrition. Plant food. Assimilation of nitrogen, etc.
Special plant constituents, A-Z -- Continued

898.C3	Carbohydrates
898.C34	Carotenoids
898.C35	Carotin
898.C42	Cellulose
898.C44	Chlorides
898.C45	Chlorine
898.C5	Chlorophyll
898.C52	Chloroplast DNA
898.C6	Cobalt
898.C94	Cytokinins
898.D44	Deoxyribonucleic acid. DNA
898.D46	Depsides
898.D54	Dimethylpropiothetin
	DNA see QK898.D44
898.E58	Enzymes
898.E75	Essences and essential oils
898.E8	Ethylene
898.F3	Fatty acids
898.F5	Flavonoids
898.F53	Flavonols
898.G45	Gibberellins
898.G475	Glucose
898.G48	Glutamate dehydrogenase
898.G485	Glutathione
898.G49	Gluten
898.G497	Glycoproteins
898.G5	Glycosides
898.H45	Hemicellulose
898.H67	Hormones
898.I53	Indole alkaloids
898.I55	Inositol
898.I7	Iron
898.I76	Isopentenoids
898.I78	Isoquinoline
898.I8	Isozymes
898.L23	Laccase
898.L3	Latex
898.L42	Lectins
898.L5	Lignin
898.L54	Limonoids
898.L56	Lipids
898.L9	Lycopene
898.M25	Malate dehydrogenase
898.M28	Malonic acid
898.M3	Manganese
898.M8	Mucilage
898.N5	Nicotinic acid
898.N57	Nitrates
898.N58	Nitric oxide
898.N6	Nitrogen
898.N8	Nucleic acids
898.N83	Nucleotides

Plant physiology
Botanical chemistry. Phytochemicals
Nutrition. Plant food. Assimilation of nitrogen, etc.
Special plant constituents, A-Z -- Continued

898.O4	Olive oil
898.O88	Oxalates
898.O9	Oxidases
898.O92	Oxygen
898.P2	Patellaric acid
898.P3	Patulin
898.P4	Pectin
898.P47	Peroxidase
898.P57	Phenols
898.P59	Phosphoproteins
898.P6	Phosphorus
898.P64	Phycobiliproteins
898.P65	Phytin
898.P66	Phytoalexins
898.P67	Phytochrome
898.P677	Phytoliths
898.P68	Phytomelanes
898.P7	Pigments
898.P73	Plastocyanin
898.P75	Plumieride
898.P756	Polyamines
898.P76	Polymers
898.P764	Polyphenols
898.P77	Polysaccharides
898.P79	Protein kinases
898.P8	Proteins
898.P82	Proteolytic enzymes
898.P84	Protochlorophyllide
898.P97	Pyrrolizidines
898.S43	Seed storage compounds
	For works limited to special compounds see the compound, e.g., Proteins see QK898.P8
898.S45	Selenium
898.S48	Sesquiterpene lactones
898.S49	Sesquiterpenes
898.S55	Shikimic acid
898.S64	Solanine
898.S67	Starch
898.S7	Steroids
898.S78	Sugar
898.S8	Sulfur
898.T2	Tannins
898.T4	Terpenes
898.U68	Uric acid
898.U7	Uronic acids
898.V5	Vitamins
899	Miscellaneous special topics

Plant ecology
Cf. QH540+ General ecology

900	Periodicals. Societies. Serials
900.2	Congresses
900.4	Dictionaries
	History

Plant ecology
History -- Continued
900.7 General works
900.73.A-Z By region or country, A-Z
901 General works, treatises, and textbooks
(903) Ecological discussion of areas
see QK108+
(905) Plant ecophysiology
see QK717
909 Illustrations of floral ecology of regions
909.5 Vegetation productivity. Primary productivity
Cf. QK564+ Algae
Cf. QK882 Photosynthesis
Cf. QK933+ Phytoplankton
Cf. QK938.F6 Forest ecology
910 Vegetation dynamics
911 Vegetative interrelation. Plant communities. Phytosociology
Plant adaptation
912 General works
913 Acclimatization
Cf. QK754.5+ Vegetation and climate
914 Phenology
Nutritive adaptation
915 General works
916 Aquatics, ice plants, dew plants
917 Insectivorous plants. Carnivorous plants
918 Parasites, saprophytes, symbionts
Protective adaptations
921 General works
922 Epiphytes, xerophytes, salt-marsh and desert plants
Cf. QK938.D4 Desert flora
Cf. QK938.S27 Salt marsh flora
923 Spines, secretion, raphides
924 Myrmecophilism, acarophilism
924.5 Plant canopies
Reproductive interrelation
925 General works
926 Pollination
929 Dissemination
Physiographic regions (General)
For geographic treatment see QK108+
Water
930 General works
931 Marine
Cf. QK938.C6 Coasts
Freshwater
932 General works
932.7 Streams
Cf. QK105 Flora
Phytoplankton
933 General works
934 Marine
935 Freshwater
Land
General
see QK101+ and QK901+

Plant ecology
Physiographic regions (General)
Land -- Continued

936	Tropics
937	Mountains
938.A-Z	Other special, A-Z
	Bogs see QK938.M3
938.B8	Burned land
938.C3	Caves
	Chalk see QK938.L5
938.C55	Cloud forest plants
938.C6	Coasts
938.D4	Deserts
938.D9	Dunes
938.F6	Forests
	Cf. QK938.C55 Cloud forest plants
	Cf. QK938.M27 Mangrove forests and swamps
	Cf. QK938.R34 Rain forests
	Cf. QK938.T34 Taigas
	Grasslands see QK938.P7
938.H4	Heathlands
938.H44	Hedges. Hegerows
938.I84	Islands
938.L5	Limestone, chalk, etc.
938.M27	Mangrove forests and swamps
938.M3	Marshes, bogs, swamps, etc.
	Cf. QK938.M27 Mangrove forests and swamps
	Cf. QK938.P42 Peat bogs
938.M4	Meadows, pastures
938.M45	Mediterranean-type plants
	Cf. QK314.5 Mediterranean Region
938.M6	Moors
938.P3	Paramos
	Pastures see QK938.M4; QK938.M45
938.P42	Peatlands. Peat bogs
938.P7	Prairies. Grasslands. Velds
938.R34	Rain forests
938.R6	Rocks
938.S27	Salt marshes. Tide marshes
	Cf. QK922 Halophytes
	Cf. QK938.M27 Margrove forests and swamps
938.S3	Sand barrens
938.S36	Seashore
938.S4	Semiarid regions
938.S45	Serpentines
938.S57	Shrublands
	Swamps see QK938.M3
938.T34	Taigas
	Tide marshes see QK938.S27
938.T8	Tundras
	Velds see QK938.P7
938.V5	Vineyards
(940-977.5)	Topographical divisions
	see QK108+

Plant ecology -- Continued
Evolution of plants (General)
For works limited to specific divisions, classes, etc. see QK494+
For works limited to special crops see SB177.A+
980 General works
Genetics
981 General works
981.3 Biochemical genetics
981.35 Cytogenetics
981.4 Molecular genetics
981.45 Genome mapping
981.5 Genetic engineering
981.7 Germplasm resources
Cf. SB123.3+ Crop germplasm resources
982 Hybridization
983 Variation
985 Selection, natural and artificial
For works limited to plant-breeding see SB123+
987 Degeneration
989 Phylogeny

Zoology
For animal ecology see QH540+
For animal culture see SF1+
1 Periodicals, societies, congresses, serial publications
3 Collected works (nonserial)
5 Voyages and expeditions
7 Encyclopedias
9 Dictionaries
Communication of information
9.2 General works
9.3 Information services
9.4 Computer network resources
Including the Internet
Classification. Nomenclature see QL351+
10 Terminology, notation, abbreviations
Cf. QL353+ Nomenclature
History
15 General works
21.A-Z By region or country, A-Z
Biography
26 Collective
31.A-Z Individual, A-Z
e.g.
31.A9 Audubon
31.C9 Cuvier
35 Directories
General works and treatises
41 Early through 1759
45 1760-1969
45.2 1970-
46 Pictorial works and atlases
46.5 Zoological illustrating
Textbooks
Advanced
47 Through 1969
47.2 1970-
Elementary
48 Through 1969
48.2 1970-
49 Juvenile works
Cf. SF75.5 Domestic animals
50 Popular works
For stories and anecdotes see QL791+
50.5 Zoology as a profession. Vocational guidance
Study and teaching. Research
51 General works
51.2.A-Z By region or country, A-Z
Each region or country subarranged by author
51.5 Problems, exercises, examinations
52 Outlines, syllabi
52.55 Activity programs
52.6 Experiments
53 Laboratory manuals
Cf. QL812+ Anatomy
Cf. QP44 Physiology

Study and teaching. Research -- Continued
55 Laboratory animals
Class here general works only. Prefer systematic divisions for particular groups of animals
Cf. SF405.5+ Breeding and care
Cf. SF996.5 Diseases
57 Audiovisual aids
58 Other special
59 Wildlife attracting
Including gardening to attract wildlife
60 Wildlife watching
Including wildlife viewing sites
60.4 Radio tracking
60.5 Wildlife marking
Cf. QL645.6+ Amphibians and reptiles
Cf. QL677.5 Birds
60.7 Age determination
Collection and preservation
Class here general works only. For works on collecting particular animals or the fauna of particular places, see systematic or geographical subdivisions in QL
Cf. QL465 Insects
Cf. QL677.7 Birds
61 General works, treatises, and textbooks
Collecting techniques
62 General works
62.5 Immobilization
Cf. SF760.A55 Veterinary medicine
63 Taxidermy
Cf. QL618.6 Fish mounting
64 Models and modelmaking
67 Preservation techniques
Laboratories, institutes, university departments, etc.
Class here descriptions, catalogs, annual reports, etc.
For serial research publications see QL1
69.A1 General works
69.A3-Z By region or country, A-Z
Subarrange each country by Table Q6
Museums. Exhibitions
Class here descriptions, catalogs, annual reports, etc.
For serial research publications see QL1
71.A1 General works
71.A2-Z By region or country, A-Z
Subarrange each country by Table Q5
72 Commercial lists
Menageries
73.A1 General works
73.A2-Z By region or country, A-Z
Subarrange each country by Table Q5
Zoos. Zoological gardens
76 General works
76.5.A-Z By region or country, A-Z
Subarrange each country by Table Q5
77.5 Zoo animals
Cf. SF408+ Culture and care
Cf. SF995.84+ Veterinary medicine
Public aquariums
Cf. SF456+ Home aquariums

Public aquariums -- Continued
78 General and freshwater aquariums
78.5 Marine aquariums. Saltwater aquariums
79.A-Z By region or country, A-Z
Subarrange each country by Table Q5
81 Addresses, essays, lectures
Wildlife conservation. Rare animals. Endangered species. Wildlife refuges. Wildlife habitat improvement
Including rare and endangered vertebrates
For conservation of particular animals and groups of animals, see QL366+
For habitat improvement of game animals see SK356.W54
Cf. HE5620.W54 Wildlife and traffic safety
Cf. QL676.5+ Bird refuges
Cf. SK351+ Wildlife management (Hunting sports). Game protection
Cf. SK590+ Wild animal trade
81.5 Periodicals. Societies. Congresses
81.7 History (General)
For history of a particular place see QL84+
82 General works
83 Juvenile works
83.15 Study and teaching. Research
83.17 Wildlife monitoring
For local see QL101+
83.2 Wildlife rescue
Including wildlife relocation and replacement, rescue of injured or orphaned animals, etc.
Cf. SF996.45 Wildlife rehabilitation
83.4 Wildlife reintroduction
By region or country
North America
84 General works
United States
84.2 General works
84.22.A-Z By region or state, A-Z
Canada
84.24 General works
84.26.A-Z By region or province, A-Z
84.28 Mexico
Central America
84.285.A1 General works
84.285.A3-Z By region, country, or island, A-Z
West Indies
84.29.A1 General works
84.29.A3-Z By region, country, or island, A-Z
South America
84.3.A1 General works
84.3.A3-Z By region, country, or island, A-Z
Europe
84.4.A1 General works
84.4.A3-Z By region, country, or island, A-Z
Asia
84.5.A1 General works
84.5.A3-Z By region, country, or island, A-Z
Africa
84.6.A1 General works
84.6.A3-Z By region, country, or island, A-Z
Australia and Indo-Pacific islands

Wildlife conservation. Rare animals. Endangered species. Wildlife refuges. Wildlife habitat improvement
By region or country
Australia and Indo-Pacific islands -- Continued
84.7.A1 Australia
84.7.A3-Z Other. By region, country, or island, A-Z
85 Animals and civilization. Human-animal relationships
86 Animal introduction. Introduced animals
For local see QL101+
Cf. QL606 Introduced vertebrates
Cf. SB990+ Pest introduction
Cf. SF87 Acclimatization of livestock
87 Animals in the ancient world
Bible zoology see BS663
87.5 Dead animals
Extinct animals
Including extinction
Cf. QL81.5+ Endangered animals
Cf. QL676.8 Extinct birds
Cf. QL707 Extinct mammals
88 General works
88.15.A-Z By region or country, A-Z
Cryptozoology
88.3 General works
88.5 Living fossils
Alleged animals
Cf. BF1484 Animal ghosts
Cf. GR705+ Animal folklore
Cf. GR825+ Mythical animals
Cf. GR910 Mermaids. Sea monsters
89 General works
89.2.A-Z By animal, A-Z
Abominable snowman see QL89.2.Y4
89.2.B43 Beast of Exmoor
89.2.C37 Carcharocles megalodon
Cf. QE852.L35 Paleozoology
89.2.C53 Champ (Monster)
89.2.C57 Chupacabras
89.2.D68 Dover demon
89.2.K73 Kraken
89.2.L6 Loch Ness monsters
89.2.M58 Mokele-mbembe
89.2.M6 Morag
89.2.M68 Mothman
89.2.O34 Ogopogo
89.2.R67 Ropen
89.2.S2 Sasquatch
89.2.S4 Sea serpents
89.2.S44 Serpents
89.2.Y4 Yeti
Migratory animals see QL754
(95) Noxious animals
see SF84+
99 Medical zoology
Cf. RA639+ Transmission of disease

Dangerous animals. Poisonous animals
Cf. QL468.8 Insects
Cf. QL618.7 Fishes
Cf. QP631+ Toxins, venom, poisons
100 General works
100.5 Animal attacks
Geographical distribution
101 General works, treatises, and textbooks
Polar regions
104 General works
105 Arctic regions
Including Greenland
Cf. QL126 Arctic Ocean
106 Antarctica
Cf. QL126.5 Antarctic Ocean
107 Temperate regions
109 Tropics
Physiographic divisions
Soil
Cf. QR111+ Soil microorganisms
110 General works
110.5 Compost
Land
111 Islands
Cf. QL125 Coral reefs
112 Forests
113 Mountains
Cf. QL254 Alps
113.77 Valleys. Floodplains
Wetlands
113.8 General works
114 Marshes. Tidemarshes
114.5 Swamps
115 Plains
Grasslands. Prairies
115.3 General works
115.5 Meadows. Fields
116 Deserts
117 Caves
118 Subterranean waters
Including groundwater
119 Gardens
Water
120 General works, treatises, and textbooks
120.5 Suspension feeders
Ocean
121 General works
122 Popular works
122.2 Juvenile works
123 Zooplankton
(124) Animal ecology of the ocean
see QH541.5.S3
125 Coral reefs
125.5 Deep-sea
125.6 Hydrothermal vents
126 Arctic Ocean

Geographical distribution
Physiographic divisions
Water
Ocean -- Continued
126.5 Antarctic Ocean
Atlantic Ocean
127 General works
128 North Atlantic Ocean. North Sea, etc.
131 Baltic Sea
132 Black Sea. Sea of Azov
133 Mediterranean Sea
134 Gulf of Mexico
134.5 Caribbean Sea
135 South Atlantic Ocean
137 Indian Ocean. Red Sea
137.5 Indo-Pacific Region
138 Pacific Ocean
139 Brackish water. Estuaries
Fresh water
141 General works
Groundwater see QL118
142 Water surface. Surface films. Neuston
143 Zooplankton
145 Streams
146 Lakes
146.3 Ponds
147 Springs
Including hot springs
148 Wells
149 Stagnant water
Topographical divisions (Faunas)
America
150 General works
North America
151 General works
United States
155 General works
157.A-Z By region, A-Z
157.A84 Atlantic Coast
157.M52 Middle Atlantic States
157.M53 Middle West
157.N48 New England
157.N67 Northeastern States
157.P33 Pacific Coast
157.S68 Southern States
157.S69 Southwestern States
Including Southwest, New
159 Alabama
161 Alaska
162 Arizona
163 Arkansas
164 California
165 Colorado
166 Connecticut
167 Delaware
168 District of Columbia

Geographical distribution
Topographical divisions (Faunas)
America
North America
United States -- Continued
169 Florida
171 Georgia
Hawaii see QL345.H3
172 Idaho
173 Illinois
175 Indiana
176 Iowa
177 Kansas
178 Kentucky
179 Louisiana
181 Maine
182 Maryland
183 Massachusetts
184 Michigan
185 Minnesota
186 Mississippi
187 Missouri
188 Montana
189 Nebraska
191 Nevada
192 New Hampshire
193 New Jersey
194 New Mexico
195 New York
196 North Carolina
197 North Dakota
198 Ohio
199 Oklahoma
201 Oregon
202 Pennsylvania
203 Rhode Island
204 South Carolina
205 South Dakota
206 Tennessee
207 Texas
208 Utah
209 Vermont
211 Virginia
212 Washington
213 West Virginia
214 Wisconsin
215 Wyoming
Including Yellowstone National Park
Canada
219 General works
221.A-Z By region or province, A-Z
Latin America
223 General works
225 Mexico
Central America
227 General works

Geographical distribution
Topographical divisions (Faunas)
America
Latin America
Central America -- Continued
228.A-Z By region or country, A-Z
West Indies. Caribbean Area
229.A2 General works
229.A4-Z By individual island or group of islands, A-Z
229.A58 Antilles, Lesser
229.B3 Bahamas
229.C39 Cayman Islands
229.C9 Cuba
229.D65 Dominica
229.H35 Haiti
229.H57 Hispaniola
229.I5 Inagua
229.L4 Leeward Islands
229.P6 Puerto Rico
229.T7 Trinidad
229.V57 Virgin Islands
234 Bermuda
South America
235 General works
By region or country
239 Argentina
241 Bolivia
242 Brazil
243 Chile
244 Colombia
245 Ecuador
For Galapagos Islands see QL345.G2
246 Guyana (British Guiana)
246.2 Suriname (Dutch Guiana)
246.4 French Guiana
247 Paraguay
247.4 Paraná River
248 Peru
249 Uruguay
251 Venezuela
Atlantic Ocean islands
252.A1 General works
252.A3-Z By individual island or group of islands, A-Z
Bermuda see QL234
Cabo Verde see QL252.C35
252.C35 Cape Verde. Cabo Verde
252.F32 Faroe Islands
Europe
253 General works
254 Regions not limited to a single country (not A-Z)
Including Alps, Balkan Peninsula, Baltic States, etc.
British Isles. Great Britain
255 General works
256 England
257 Ireland
257.5 Northern Ireland

Geographical distribution
Topographical divisions (Faunas)
Europe
British Isles. Great Britain -- Continued
258 Wales
259 Scotland
261 Austria
262 Hungary
France
263 General works
264 Colonies and mandated territories
265 Germany
271 Greece
273 Italy
273.5 Malta
275 Netherlands
277 Belgium
278 Luxembourg
281 Russia. Soviet Union. Russia (Federation)
Cf. QL331 Russia in Asia. Siberia. Russian Far East
Cf. QL332+ Central Asia
Cf. QL333.7 Caucasus
282 Belarus
282.5 Moldova
283 Ukraine
284 Poland
285 Finland
286 Scandinavia (General)
Denmark
287 General works
Faroe Islands see QL252.F32
288 Iceland
289 Norway
291 Sweden
293 Spain
294 Portugal
Including the Azores, Madeira, etc.
296 Switzerland
297 Turkey in Europe
For Balkan Peninsula (General) see QL254
For individual Balkan countries see QL298.A+
For Turkey in Asia see QL333.5
298.A-Z Other European countries, A-Z
298.B8 Bulgaria
298.C8 Czechoslovakia. Czech Republic
298.E86 Estonia
298.L3 Latvia
298.L58 Lithuania
298.R8 Romania
298.S65 Slovakia
298.Y8 Yugoslavia
Asia
300 General works
304 Afghanistan
305 Arabian Peninsula (General)
For individual countries see QL334.A+

Geographical distribution
Topographical divisions (Faunas)
Asia -- Continued
(306) Baluchistan
307 China
307.2 Taiwan
308 East Indies
309 India
Indochina. Malay Peninsula
312 General works
313 Vietnam
314 Cambodia
315 Laos
317 Thailand
318 Straits Settlements
Malay Archipelago
319 General works
319.5 Borneo. Kalimantan
320 Brunei
321 Indonesia
For Kalimantan see QL319.5
For Papua see QL322.5
322 Malaysia
322.5 New Guinea
Including Papua (Indonesia) and Papua New Guinea
323 Philippines
Japan
325 General works
325.3 Ryukyu Islands
Including Okinawa
327 Korea
329 Iran
331 Russia in Asia. Siberia. Russian Far East
Central Asia
332 General works
332.3 Kazakhstan
332.4 Kyrgyzstan
332.5 Tajikistan
332.6 Turkmenistan
332.7 Uzbekistan
333 Israel. Palestine
333.3 Syria
333.5 Turkey in Asia. Asia Minor
333.7 Caucasus
Including Armenia, Azerbaijan, Georgia (Republic)
334.A-Z Other regions or countries, A-Z
(334.A75) Asia, Western
see QL334.M53
334.B34 Bangladesh
334.B87 Burma. Myanmar
334.C4 Ceylon. Sri Lanka
334.M53 Middle East
334.M65 Mongolia
Myanmar see QL334.B87
334.N44 Nepal
334.O53 Oman

Geographical distribution
Topographical divisions (Faunas)
Asia
Other regions or countries, A-Z -- Continued

334.P4	Pakistan
334.S28	Saudi Arabia
334.S56	Singapore
	Sri Lanka see QL334.C4
(334.T87)	Turkmenistan
	see QL332.6

Africa

336	General works
337.A-Z	By region or country, A-Z
337.A44	Algeria
337.A5	Angola
337.B44	Benin
337.B68	Botswana. Bechuanaland
337.B8	British East Africa
337.B9	Burkina Faso. Upper Volta
337.B94	Burundi
337.C25	Cameroon
	Cabo Verde see QL252.C35
337.C43	Central Africa
337.C44	Central African Republic
337.C48	Chad
337.C57	Congo (Brazzaville)
337.C58	Congo (Democratic Republic). Zaire
	Côte d'Ivoire see QL337.I8
337.D53	Djibouti
337.E25	East Africa
337.E3	Egypt
337.E75	Equatorial Guinea
337.E76	Eritrea
337.E77	Eswatini
337.E8	Ethiopia
337.F7	French-speaking Equatorial Africa
337.F75	French-speaking West Africa
337.G32	Gabon
337.G34	Gambia
337.G56	Ghana
337.G77	Guinea
337.G8	Guinea-Bissau
337.I8	Ivory Coast. Côte d'Ivoire
337.K3	Kalahari Desert
337.K4	Kenya
337.L46	Lesotho
337.L7	Liberia
337.L72	Libya
337.L83	Luangwa Valley
337.M2	Malagasy Republic. Madagascar
337.M28	Malawi
337.M33	Mali
337.M37	Mauritania
	Mauritius see QL337.6.M36
337.M65	Morocco
337.M7	Mozambique

Geographical distribution
Topographical divisions (Faunas)
Africa
By region or country, A-Z -- Continued

337.N27	Namibia
337.N47	Niger
337.N5	Nigeria
337.N55	Nimba, Mount, Region
	Rhodesia, Northern see QL337.Z3
337.R4	Rhodesia, Southern. Zimbabwe
337.R95	Rwanda
337.S3	Sahara
337.S34	Sao Tome and Principe
337.S44	Senegal
	Seychelles see QL337.6.S49
337.S54	Sierra Leone
337.S6	Somalia
337.S65	South Africa
337.S656	South Sudan
337.S66	Southern Africa
	Southwest Africa see QL337.N27
337.S78	Sub-Saharan Africa
337.S8	Sudan
(337.S93)	Swaziland
	see QL337.E77
337.T27	Tanganyika, Lake
337.T3	Tanzania
337.T7	Togo
337.T84	Tunisia
337.U35	Uganda
337.W4	West Africa
337.W45	Western Sahara
337.Z3	Zambia
	Zimbabwe see QL337.R4

Indian Ocean islands

337.5	General works
337.6.A-Z	By island or group of islands, A-Z
337.6.M34	Maldives
337.6.M36	Mauritius
337.6.S49	Seychelles

Australia

338	General works
339.A-Z	By state or territory, A-Z

New Zealand

340	Including adjacent islands

Pacific islands

345.A1	General works
345.A3-Z	By individual island or group of islands, A-Z
345.C65	Cook Islands
345.F53	Fiji
345.G2	Galapagos Islands
345.G83	Guam
345.H3	Hawaii
345.K47	Kermadec Islands
345.M3	Marquesas Islands
345.M34	Marshall Islands

Geographical distribution
Topographical divisions (Faunas)
Pacific islands
By individual island or group of islands, A-Z -- Continued
345.M53 Micronesia
345.N3 New Caledonia
New Guinea see QL322.5
345.P35 Palau
Ryukyu Islands see QL325.3
345.T3 Tahiti
345.T65 Tonga
Arctic regions, Antarctica see QL104+
Tropics see QL109
Classification. Systematics and taxonomy
351 Principles
352 Systems
Nomenclature
353 General works. Principles
354 Nomenclators and checklists
355 Popular names
Invertebrates
360 Dictionaries and encyclopedias
362 General works, treatises, and textbooks
362.4 Juvenile works
Rare and endangered species
362.45 General works
362.46.A-Z By region or country, A-Z
362.5 Classification
362.7 Catalogs and collections
362.75 Evolution
362.8 Methods, culture, etc.
362.85 Immunology
362.9 Genetics
363 Anatomy and morphology
363.5 Metamorphosis
363.8 Cytology
364 Physiology
364.15 Reproduction
364.18 Development
Including larvae
364.2 Behavior
364.3 Feeding and feeds
364.4 Ecology
364.5 Coloniality. Animal colonies
Class here works on groupings of physically interconnected animals having a common ancestry through asexual reproduction
365 Animalcules. Early works on infusoria
Geographical distribution
For geographical distribution of systematic divisions, see the division, e. g. QL366+, Protozoa
365.3 General works
Physiographic divisions
365.34 Soil
Aquatic
365.36 General works
365.363 Marine
365.365 Freshwater

Invertebrates
Geographical distribution -- Continued
Topographic divisions
365.4 North America (United States and Canada) (Table Q3)
Latin America
365.43 General works
365.44 Mexico, Central America, and West Indies (Table Q3)
365.45 South America (Table Q3)
365.46 Atlantic Ocean and islands (Table Q3)
365.47 Europe (Table Q3)
365.48 Asia (Table Q3)
365.5 Africa (Table Q3)
365.53 Indian Ocean and islands (Table Q3)
365.54 Australia
365.55 New Zealand
365.56 Pacific Ocean and islands. Oceania (Table Q3)
365.57 Arctic Ocean and regions
365.58 Antarctic Ocean and Antarctica
365.6 Tropics
Protozoa
Cf. QR251+ Pathogenic protozoa
366 General works, treatises, and textbooks
366.5 Classification
Geographical distribution
For geographical distribution of systematic divisions see QL368.A115+
367 General works
367.1 North America (United States and Canada) (Table Q3)
367.2 Mexico, Central America, and West Indies (Table Q3)
367.3 South America (Table Q3)
367.4 Europe (Table Q3)
367.5 Asia (Table Q3)
367.6 Africa (Table Q3)
367.7 Australia
367.75 New Zealand
367.8 Pacific islands (Table Q3)
367.9 Arctic regions
367.95 Antarctica
367.96 Tropics
Systematic divisions
368.A115 Plasmodroma
368.A12 Mastigophora (Phytomastigia; Zoomastigia). Flagellata
368.A14 Sarcodina (Rhizopoda; Actinopoda)
368.A16 Apicomplexa (Sporozoa)
368.A18 Cnidosporidia
368.A2 Ciliophora
368.A22 Ciliata (Holotricha; Spirotricha; Peritricha)
Suctoria see QL368.S9
368.A3-Z By order or higher taxa, A-Z
Class works on species, genera, and families by order
368.A32 Acantharia
368.A33 Acanthometrida
368.A335 Acanthophractida
368.A36 Aconchulinida
368.A38 Acrasida
368.A4 Actinomyxida
368.A44 Actinophryida

Invertebrates
Protozoa
Systematic divisions
By order or higher taxa, A-Z -- Continued

368.A5	Amoebida
368.A57	Apostomatida
368.A63	Arcellinida
368.A66	Archigregarinida
368.A8	Astomatida
368.A85	Athalamida
368.B5	Bicosoecida
368.B55	Blastocystida
368.C4	Centrohelida
368.C48	Chloromonadida
368.C5	Choanoflagellatea. Choanoflagellida (Choanoflagellates)
368.C54	Chonotrichida
368.C57	Chrysomonadida
368.C59	Coccidia
368.C6	Coccolithophorida
368.C8	Cryptomonadida
	Ctenostomatida see QL368.O4
368.D4	Desmothoracida
(368.D6)	Dinoflagellida
	see QK569.D56
368.D65	Diplomonadida
368.E2	Ebriida
368.E5	Entodiniomorphida
(368.E9)	Euglenida
	see QK569.E93
368.E92	Eugregarinida
368.E95	Eumycetosoida
368.F6	Foraminiferida
368.G8	Gregarinida
368.G85	Gromiida
368.G9	Gymnostomatida
368.H33	Haemosporida
368.H34	Haplosporida
368.H4	Helicosporida
368.H5	Heliozoida
368.H53	Heterochlorida. Xanthomonadida
368.H55	Heterotrichida
368.H87	Hymenostomatida
368.H9	Hypermastigida
368.H95	Hypotrichida
	Infusoria see QL366
368.K5	Kinetoplastida
368.L3	Labyrinthulida
368.L62	Lobosa
368.M5	Microsporida
368.M78	Mycetozoida
368.M8	Myxosporida
368.N4	Neogregarinida
368.O3	Oculosida
368.O4	Odontostomatida. Ctenostomatida
368.O5	Oligotrichida
368.O7	Opalinida

Invertebrates
Protozoa
Systematic divisions
By order or higher taxa, A-Z -- Continued
368.O9 Oxynomadida
368.P4 Peritirchida
Phytomonadida see QL368.V6
368.P52 Piroplasmida
368.P55 Plasmodiophorida
368.P62 Polymastigida
368.P65 Porulosida
368.P7 Proteomyxida
368.P74 Protococcida
Protomastigida see QL368.P76
368.P76 Protomonadida. Protomastigida
368.R2 Radiolarida
368.R43 Retortamonadida
368.R5 Rhizomastigida
Sarcosporida see QL368.T6
(368.S5) Silicoflagellida
see QK569.S53
368.S9 Suctorida
368.T4 Testacida
368.T5 Thigmotrichida
368.T55 Tintinnida
368.T6 Toxoplasmida. Sarcosporida
368.T7 Trichomonadida
368.T76 Trichostomatida
368.V6 Volvocida. Phytomonadida
Xanthomonadida see QL368.H53
368.X4 Xenophyophorida
368.Z66 Zooflagellates
369 Anatomy and morphology
369.2 Physiology
Porifera (Sponges)
370.7 Periodicals, societies, congresses, serial collections
371 General works, treatises, and textbooks
371.2 Pictorial works and atlases
371.4 Popular works
371.6 Juvenile works
Geographical distribution
For geographical distribution of systematic divisions see QL373.A+
372 General works
372.1 North America (United States and Canada) (Table Q3)
372.2 Mexico, Central America, and West Indies (Table Q3)
372.3 South America (Table Q3)
372.4 Europe (Table Q3)
372.5 Asia (Table Q3)
372.6 Africa (Table Q3)
372.7 Australia
372.75 New Zealand
372.8 Pacific islands (Table Q3)
372.9 Arctic regions
372.95 Antarctica
372.96 Tropics

Invertebrates
Porifera (Sponges) -- Continued
373.A-Z Systematic divisions. By class, A-Z
Class here works on species, genera, families and orders
373.C2 Calcispongiae (Calcarea)
373.D4 Demospongiae
373.H6 Hyalospongea (Hexactinellida)
374 Anatomy and morphology
374.2 Physiology
Cnidaria
375 General works, treatises, and textbooks
375.2 Pictorial works and atlases
375.4 Popular works
375.6 Juvenile works
Geographical distribution
For geographical distribution of systematic divisions see QL377.A+
376 General works
376.1 North America (United States and Canada) (Table Q3)
376.2 Mexico, Central America, and West Indies (Table Q3)
376.3 South America (Table Q3)
376.4 Europe (Table Q3)
376.5 Asia (Table Q3)
376.6 Africa (Table Q3)
376.7 Australia
376.75 New Zealand
376.8 Pacific islands (Table Q3)
376.9 Arctic regions
376.95 Antarctica
376.96 Tropics
377.A-Z Systematic divisions. By class, A-Z
Anthozoa (Corals)
377.C5 General works
377.C6 Alcyonaria
377.C7 Zoantharia
Ctenophora see QL380+
377.H9 Hydrozoa (Hydromedusae; hydroids)
377.S4 Scyphozoa (Scyphomedusae; jellyfish)
378 Anatomy and morphology
378.2 Physiology
379 Zoophyta (old sense)
Ctenophora
380 General works, treatises, and textbooks
Geographical distribution
For geographical distribution of systematic divisions see QL380.5.A+
380.3 General works
380.32 North America (United States and Canada) (Table Q3)
380.35 Mexico, Central America, and West Indies (Table Q3)
380.37 South America (Table Q3)
380.4 Europe (Table Q3)
380.42 Asia (Table Q3)
380.44 Africa (Table Q3)
380.46 Australasia and Indo-Pacific islands (Table Q3)
380.48 Polar regions
380.49 Tropics
380.5.A-Z Systematic divisions. By classes and orders
Class works on species, genera, and families by order

Invertebrates
Ctenophora
Systematic divisions. By classes and orders -- Continued
380.5.N8-.N83 Nuda
380.5.N8 General works
380.5.N83 Beroida
380.5.T4-.T47 Tentaculata
380.5.T4 General works
380.5.T42 Cestida
380.5.T429 Cydippida
380.5.T45 Lobata
380.5.T47 Platyctenea
380.7 Anatomy and morphology
380.8 Physiology
Echinodermata
381 General works, treatises, and textbooks
382 Classification
382.2 Catalogs and collections
Geographical distribution
For geographical distribution of systematic divisions see QL384.A+
383 General works
383.1 North America (United States and Canada) (Table Q3)
383.2 Mexico, Central America, and West Indies (Table Q3)
383.3 South America (Table Q3)
383.35 Atlantic islands (Table Q3)
383.4 Europe (Table Q3)
383.5 Asia (Table Q3)
383.6 Africa (Table Q3)
383.7 Australia
383.75 New Zealand
383.8 Pacific islands (Table Q3)
383.9 Arctic regions
383.95 Antarctica
383.96 Tropics
384.A-Z Systematic divisions. By class, A-Z
Class works on species, genera, families, and orders by class
384.A8 Asteroidea (Starfishes)
384.C8 Crinoidea
384.E2 Echinoidea (Sea urchins)
384.H7 Holothurioidea (Sea cucumbers)
384.O6 Ophiuroidea (Brittle stars)
385 Anatomy and morphology
385.2 Physiology
Worms and other vermiform invertebrates
386.A1 Periodicals, societies, congresses, serial publications
386.A3-Z General works, treatises, and textbooks
Cf. QL392.A1+ Helminthology
386.6 Juvenile works
387 Classification
387.2 Catalogs and collections
Geographical distribution
For geographical distribution of systematic divisions see QL391.A+
388 General works, treatises, and textbooks
388.1 North America (United States and Canada) (Table Q3)
388.2 Mexico, Central America, and West Indies (Table Q3)
388.3 South America (Table Q3)

Invertebrates
Worms and other vermiform invertebrates
Geographical distribution -- Continued
388.4 Europe (Table Q3)
388.5 Asia (Table Q3)
388.6 Africa (Table Q3)
388.7 Australia
388.75 New Zealand
388.8 Pacific islands (Table Q3)
388.9 Arctic regions
388.95 Antarctica
388.96 Tropics
391.A-Z Systematic divisions. By phylum, A-Z
391.A2 Acanthocephala (Spiny-headed worms)
391.A6 Annelida (Segmented worms)
Cestoda see QL391.P7
391.C6 Chaetognatha (Arrowworms)
391.E2 Echiura
391.G2 Gastrotricha
Gephyrea (Gastrotricha) see QL391.E2
Gephyrea (Sipuncula) see QL391.S5
391.G63 Gnathostomulida
Hirudinea see QL391.A6
391.K5 Kinorhyncha (Echinodera)
391.L67 Loricifera
391.M4 Mesozoa
Including Orthonectida and Rhombozoa
391.N4 Nematoda (Roundworms)
391.N5 Nematomorpha (Gordiacea; horsehair worms)
391.N6 Nemertina (Rhynchocoela; ribbonworms)
Oligochaeta see QL391.A6
Onychophora see QL448+
Orthonectida see QL391.M4
Pentastomida see QL447.3
391.P5 Phoronida
391.P7 Platyhelminthes (Flatworms)
(391.P85) Pogonophora
see QL391.A6
Polychaeta see QL391.A6
391.P93 Priapulida
Rhombozoa see QL391.M4
391.R8 Rotifera
391.S5 Sipuncula
Trematoda see QL391.P7
Turbellaria see QL391.P7
Helminthology
For geographic treatment see QL388+
392.A1 Periodicals, societies, congresses, serial publications
392.A3-Z General works, treatises, and textbooks
393 Anatomy and morphology
394 Physiology
Brachiopoda (Lamp shells)
395 General works, treatises, and textbooks
395.1 Classification
395.15 Catalogs and collectors

Invertebrates
Brachiopoda (Lamp shells) -- Continued
Geographical distribution
For geographical distribution of systematic divisions see QL395.8.A+
395.2 North America (United States and Canada) (Table Q3)
395.23 Mexico, Central America, and West Indies (Table Q3)
395.25 South America (Table Q3)
395.3 Europe (Table Q3)
395.4 Asia (Table Q3)
395.5 Africa (Table Q3)
395.6 Australia
395.63 New Zealand
395.67 Pacific islands (Table Q3)
395.7 Arctic regions
395.75 Antarctica
395.76 Tropics
395.8.A-Z Systematic divisions. By family, A-Z
Class here works on species, genera, and families
For works on higher taxa, see QL395+
395.8.C7 Craniidae
395.8.L7 Lingulidae
395.8.R5 Rhynchonellidae
395.8.T39 Terebrataliidae
395.8.T4 Terebratulidae
395.9 Anatomy and morphology
395.95 Physiology
Bryozoa (Ectoprocta; Polyzoa)
396 General works, treatises, and textbooks
396.5 Classification
396.7 Catalogs and collections
Geographical distribution
For geographical distribution of systematic divisions see QL398.A+
397 General works
397.1 North America (United States and Canada) (Table Q3)
397.2 Mexico, Central America, and West Indies (Table Q3)
397.3 South America (Table Q3)
397.4 Europe (Table Q3)
397.5 Asia (Table Q3)
397.6 Africa (Table Q3)
397.7 Australia
397.75 New Zealand
397.8 Pacific islands (Table Q3)
397.9 Arctic regions
397.95 Antarctica
397.96 Tropics
398.A-Z Systematic divisions. By order, A-Z
Class here works on species, genera, families, and orders
Class higher taxa in+
398.C5 Cheilostomata
398.C8 Ctenostomata
398.C9 Cyclostomata
Ectoprocta see QL396+
Entoprocta see QL400+
398.L6 Lophopoda
399 Anatomy and morphology
399.2 Physiology

Invertebrates -- Continued
Entoprocta (Callyssozoa; Endoprocta)
400 General works, treatises, and textbooks
Geographical distribution
For geographical distribution of systematic divisions see QL400.5.A+
400.3 General works
400.32 North America (United States and Canada) (Table Q3)
400.35 Mexico, Central America, and West Indies (Table Q3)
400.37 South America (Table Q3)
400.4 Europe (Table Q3)
400.42 Asia (Table Q3)
400.44 Africa (Table Q3)
400.46 Australasia and the Indo-Pacific islands (Table Q3)
400.48 Polar regions
400.49 Tropics
400.5.A-Z Systematic divisions. By family, A-Z
Class here works on species, genera, and families
Class higher taxa in QL400+
400.5.L6 Loxosomatidae
400.5.P4 Pedicellinidae
400.5.U7 Urnatellidae
Mollusca
Cf. SH365+ Oyster culture and fisheries
401 Periodicals, societies, congresses, serial publications
402 Collected works (nonserial)
402.3 Dictionaries and encyclopedias
403 General works, treatises, and textbooks
404 Pictorial works and atlases
405 Popular works
405.2 Juvenile works
Rare and endangered species
405.4 General works
405.43.A-Z By region or country, A-Z
406 Classification
406.2 Catalogs and collections
406.5 Collection and preservation
406.55 Museums. Exhibitions
406.7 Evolution. Phylogeny. Speciation
Geographical distribution
For geographic distribution of systematic divisions see QL430.1+
Physiographic divisions
Land
407 General works
407.5 Freshwater
Marine
For mollusks of particular coasts and islands see QL411+
408 General works
408.2 Atlantic Ocean
Cf. QL424.5 Atlantic islands
408.5 Pacific Ocean
Cf. QL428.5 Pacific islands
408.7 Indian Ocean
Topographical divisions
North America
411 General works
413 Canada

Invertebrates
Mollusca
Geographical distribution
Topographical divisions
North America -- Continued
United States
414 General works
415.A-Z By region or state, A-Z
416 Atlantic Coast
417 Pacific Coast
(418) Pacific islands
see QL428.5
419 Gulf Coast
Latin America
420 General works
421 Mexico
422 Central America (Table Q3)
423 West Indies (Table Q3)
424 South America (Table Q3)
424.5 Atlantic islands (Table Q3)
425 Europe (Table Q3)
426 Asia (Table Q3)
427 Africa (Table Q3)
428 Australia
428.2 New Zealand
428.5 Pacific islands (Table Q3)
429 Arctic regions
429.5 Antarctica
429.6 Tropics
Systematic divisions
Aplacophora (Solenogasters)
430.12 General works and orders
430.12.A-Z By family, A-Z
430.12.P76 Proneomeniidae
Polyplacophora (Chitons)
430.13 General works and orders
430.14.A-Z By family, A-Z
430.14.A26 Acanthochitonidae
430.14.C47 Chitonidae
430.14.I83 Ischnochitonidae
430.14.M64 Mopaliidae
430.15 Monoplacophora
Cephalopoda
430.2 General works and orders
430.3.A-Z By family, A-Z
430.3.A73 Architeuthidae
430.3.B3 Bathyteuthidae
430.3.C72 Cranchiidae
430.3.C9 Cycloteuthidae
430.3.E56 Enoploteuthidae
430.3.G66 Gonatidae
430.3.J68 Joubiniteuthidae
430.3.L8 Loliginidae
430.3.N4 Nautilidae
430.3.O2 Octopodidae (Octopuses)
430.3.O5 Ommastrephidae

Invertebrates
Mollusca
Systematic divisions
Cephalopoda
By family, A-Z -- Continued

430.3.O6	Onychoteuthidae
430.3.S47	Sepiidae
430.3.S49	Sepiolidae (Bobtail squids)
430.3.S65	Spirulidae
430.3.V35	Vampyroteuthidae

Gastropoda (Snails)

430.4	General works and orders
430.5.A-Z	By family, A-Z
	Abalones see QL430.5.H34
430.5.A18	Abyssochrysidae
430.5.A2	Achatinellidae
430.5.A22	Achatinidae
430.5.A23	Aciculidae
430.5.A24	Aclididae
430.5.A26	Acmaeidae
430.5.A28	Acroloxidae
430.5.A29	Actaeonidae
430.5.A45	Aeolidiidae
430.5.A5	Amastridae
	Amnicolidae see QL430.5.H9
430.5.A57	Ampullariidae
430.5.A63	Ancylidae
430.5.A65	Annulariidae
430.5.A66	Aplysiidae
430.5.A69	Architectonicidae
430.5.A7	Arionidae
430.5.A74	Arminidae
430.5.A8	Atlantidae
430.5.A85	Atyidae
	Auriculidae see QL430.5.E45
430.5.B37	Batillariidae
430.5.B58	Bithyniidae
430.5.B73	Bradybaenidae
430.5.B75	Buccinidae
430.5.B8	Bulimulidae
430.5.B84	Bulinidae
430.5.B87	Busyconidae
430.5.C18	Caecidae
430.5.C22	Calyptraeidae
430.5.C25	Camaenidae
430.5.C26	Cancellariidae
430.5.C3	Cassidae
430.5.C35	Cavolinidae
430.5.C38	Cerionidae
430.5.C4	Cerithiidae
430.5.C43	Cerithiopsidae
430.5.C49	Chilinidae
(430.5.C53)	Chondropomatidae
	see QL430.5.A65
430.5.C56	Chromodorididae
430.5.C57	Clausiliidae

Invertebrates
Mollusca
Systematic divisions
Gastropoda (Snails)
By family, A-Z -- Continued

430.5.C6	Clionidae
430.5.C73	Columbellidae
430.5.C75	Conidae
	Cowries see QL430.5.C94
430.5.C82	Cyclophoridae
	Cyclostomidae see QL430.5.P63
	Cylindrellidae see QL430.5.U68
(430.5.C93)	Cymatiidae
	see QL430.5.R35
430.5.C94	Cypraeidae (Cowries)
430.5.D43	Diastomatidae
430.5.D55	Dolabriferidae
430.5.D6	Dorididae
430.5.E45	Ellobiidae
430.5.E48	Elysiidae
430.5.E5	Endodontidae
(430.5.E55)	Entoconchidae
	see QL430.5.E9
430.5.E6	Epitoniidae
430.5.E9	Eulimidae
430.5.F2	Fasciolariidae
430.5.F53	Ficidae
430.5.F57	Fissurellidae
430.5.F58	Flabellinidae
430.5.G34	Gadiniidae
430.5.H34	Haliotidae (Abalones)
430.5.H37	Helicarionidae
430.5.H4	Helicidae
430.5.H45	Helicindae
430.5.H46	Helminthoglyptidae
	Hermaeidae see QL430.5.S75
430.5.H9	Hydrobiidae
430.5.J3	Janellidae
(430.5.J36)	Janthinidae
	see QL430.5.E6
430.5.J8	Juliidae
(430.5.L2)	Lamellariidae
	see QL430.5.V385
430.5.L33	Lepetidae
430.5.L4	Limacidae
	Limnaeidae see QL430.5.L85
430.5.L58	Littorinidae
430.5.L85	Lymnaeidae
430.5.M3	Marginellidae
	Melaniidae see QL430.5.T45
430.5.M44	Melanopsidae
430.5.M47	Melongenidae
430.5.M57	Mitridae
430.5.M9	Muricidae
430.5.N27	Nacellidae
430.5.N3	Nassariidae

Invertebrates
Mollusca
Systematic divisions
Gastropoda (Snails)
By family, A-Z -- Continued

430.5.N35	Naticidae
430.5.N5	Neritidae
430.5.O5	Olividae
430.5.O73	Oreohelicidae
430.5.O78	Orthalicidae
430.5.P15	Partulidae
430.5.P18	Patellidae
430.5.P2	Personidae
430.5.P23	Phasianellidae
430.5.P25	Philomycidae
430.5.P33	Phyllidiidae
430.5.P35	Phylliroidae
430.5.P37	Physidae
430.5.P46	Planaxidae
430.5.P48	Planorbidae
430.5.P49	Pleurobranchidae
430.5.P5	Pleuroceridae
430.5.P6	Polygyridae
430.5.P63	Pomatiidae
430.5.P64	Pomatiopsidae
430.5.P68	Potamididae
	Proserpinidae see QL430.5.H45
430.5.P9	Pupillidae
430.5.P92	Pupinidae
430.5.P95	Pyramidellidae
430.5.R35	Ranellidae
430.5.R45	Rhodopidae
430.5.R48	Rhytididae
430.5.R57	Rissoidae
	Scalariidae see QL430.5.E6
430.5.S25	Scissurellidae
430.5.S56	Siphonariidae
430.5.S65	Spiraxidae
(430.5.S74)	Stiliferidae see QL430.5.E9
430.5.S75	Stiligeridae
430.5.S78	Streptaxidae
430.5.S8	Strombidae
430.5.S83	Strophocheilidae
430.5.S87	Succineidae (Ambersnails)
430.5.T25	Terebridae
430.5.T3	Testacellidae
430.5.T35	Tethyidae
430.5.T45	Thiaridae
430.5.T63	Tonnidae
430.5.T65	Tornidae
430.5.T67	Tricoliidae
430.5.T7	Tritoniidae
430.5.T75	Trochidae
430.5.T78	Truncatellidae
430.5.T85	Turbinellidae

Invertebrates
Mollusca
Systematic divisions
Gastropoda (Snails)
By family, A-Z -- Continued

430.5.T9	Turbinidae
430.5.T95	Turridae
430.5.T96	Turritellidae (Turretsnails, wormsnails)
430.5.U68	Urocoptidae
430.5.U7	Urocyclidae
	Vaginulidae see QL430.5.V4
430.5.V34	Valloniidae
430.5.V36	Valvatidae
(430.5.V37)	Vasidae
	see QL430.5.T85
430.5.V385	Velutinidae
430.5.V4	Veronicellidae
(430.5.V65)	Vitronellidae
	see QL430.5.T65
430.5.V7	Viviparidae
430.5.V75	Volutidae
430.5.V77	Volutomitridae
430.5.X46	Xenophoridae
430.5.Z6	Zonitidae

Bivalvia (Lamellibranchia; pelecypoda; clams)

430.6	General works and orders
430.7.A-Z	By family, A-Z
430.7.A34	Amblemidae
430.7.A4	Anatinidae
430.7.A72	Arcidae
430.7.A74	Arcticidae
430.7.A8	Astartidae
430.7.C2	Cardiidae
430.7.C24	Carditidae
430.7.C53	Chamidae
430.7.C67	Corbiculidae
430.7.C69	Corbulidae
430.7.C8	Crassatellidae
	Cyrenidae see QL430.7.C67
430.7.D55	Dimyidae
430.7.D65	Donacidae
430.7.D8	Dreisseniidae
430.7.G23	Gastrochaenidae
430.7.G55	Glossidae
430.7.G78	Gryphaeidae
430.7.H53	Hiatellidae
430.7.H87	Hyriidae
430.7.L35	Lametilidae
430.7.L4	Ledidae
430.7.L5	Limidae
430.7.L8	Lucinidae
430.7.M3	Mactridae
430.7.M37	Margaritiferidae
430.7.M85	Mycetopodidae
430.7.M9	Myidae
430.7.M95	Mytilidae

Invertebrates
Mollusca
Systematic divisions
Bivalvia (Lamellibranchia; pelecypoda; clams)
By family, A-Z -- Continued

430.7.N63	Noetiidae
430.7.N85	Nuculanidae
430.7.N9	Nuculidae
430.7.O9	Ostreidae (Oysters)
430.7.P3	Pectinidae
430.7.P48	Philobryidae
430.7.P5	Pholadidae
430.7.P56	Pinnidae
(430.7.P59)	Pisidiidae
	see QL430.7.S65
430.7.P7	Pristiglomidae
430.7.P75	Psammobiidae
430.7.P77	Pteriidae (Pearl oysters)
430.7.S43	Semelidae
430.7.S5	Siliculidae
430.7.S58	Solemyidae
430.7.S6	Solenidae (Razor clams)
430.7.S65	Sphaeriidae
430.7.S68	Spondylidae
430.7.T3	Tellinidae
430.7.T4	Teredinidae
430.7.T47	Thraciidae
430.7.T55	Tindariidae
430.7.T7	Tridacnidae
430.7.U6	Unionidae
430.7.V5	Veneridae
430.8	Scaphopoda (Tusk shells)
431	Anatomy and morphology
431.2	Physiology
431.3	Reproduction and spawning
431.4	Behavior
432	Miscellany and curiosa
	Arthropoda
434.A1	Periodicals, societies, congresses, serial publications
434.A3-Z	General works, treatises, and textbooks
434.13	Pictorial works and atlases
434.14	Popular works
434.15	Juvenile works
434.2	Classification
434.3	Catalogs and collections
434.35	Evolution. Speciation
434.4	Study and teaching. Research
434.45	Poisonous arthropods. Dangerous arthropods
	Geographical distribution
	For geographical distribution of systematic divisions, see the division below
434.5	General works
434.52	North America (United States and Canada) (Table Q3)
434.53	Mexico, Central America, and West Indies (Table Q3)
434.54	South America (Table Q3)
434.55	Europe (Table Q3)
434.56	Asia (Table Q3)

Invertebrates
Arthropoda
Geographical distribution -- Continued
434.57 Africa (Table Q3)
434.58 Australasia and Indo-Pacific islands (Table Q3)
434.59 Polar regions
434.6 Tropics
434.7 Anatomy and morphology
434.715 Cytology
434.72 Physiology
434.8 Behavior
Crustacea
435.A1 Periodicals, societies, congresses, serial publications
435.A3-Z General works, treatises, and textbooks
436 Pictorial works and atlases
437 Popular works
437.2 Juvenile works
438 Classification
438.2 Catalogs and collections
438.5 Evolution. Phylogeny
Geographical distribution
For geographical distribution of systematic divisions see QL444.A+
441 General works
441.1 North America (United States and Canada) (Table Q3)
441.2 Mexico, Central America, and West Indies (Table Q3)
441.3 South America (Table Q3)
441.4 Europe (Table Q3)
441.5 Asia (Table Q3)
441.6 Africa (Table Q3)
441.7 Australia
441.75 New Zealand
441.8 Pacific islands (Table Q3)
441.9 Arctic regions
441.95 Antarctica
441.96 Tropics
444.A-Z Systematic divisions. By subclasses and orders, A-Z
Class here works on species, genera, and families by order
Branchiopoda
444.B8 General works
444.B815 Anostraca (Fairy shrimps)
444.B83 Cladocera (Water fleas)
444.B834 Conchostraca (Clam shrimps)
444.B86 Notostraca (Tadpole shrimps)
444.B9 Branchiura (Fish lice)
444.C4 Cephalocarida
Cirripedia
444.C5 General works
444.C52 Acrothoracica
444.C527 Ascothoracica
444.C57 Rhizocephala
444.C58 Thoracica (Barnacles)
Copepoda
444.C7 General works
444.C72 Calanoida
(444.C722) Caligoida
see QL444.C79

Invertebrates
Arthropoda
Crustacea
Systematic divisions. By subclasses and orders, A-Z
Copepoda -- Continued
444.C73 Cyclopoida
444.C74 Harpacticoida
444.C75 Lernaepodoida
444.C756 Monstrilloida
444.C76 Notodelphyoida
444.C78 Poecilostomatoida
444.C79 Siphonostomatoida
Entomostraca see QL435+
Malacostraca
444.M3 General works
444.M315 Amphipoda (Sand hoppers; whale lice)
444.M317 Anaspidacea
444.M32 Bathynellacea
444.M328 Cumacea
444.M33 Decapoda (Shrimps; lobsters; crabs)
444.M338 Euphausiacea
444.M34 Isopoda (Pill bugs; wood lice)
444.M347 Leptostraca
444.M35 Mysidacea (Opossum shrimps)
444.M37 Spelaeogriphacea
444.M375 Stomatopoda
444.M378 Stygocaridacea
444.M38 Tanaidacea
444.M384 Thermosbaenacea
444.M9 Mystacocarida
Ostracoda (Seed shrimps)
444.O8 General works
444.O83 Halocyprida
444.O85 Myodocopida
444.O86 Podocopida
445 Anatomy and morphology
445.2 Physiology
447 Pycnogonida (Pantopoda)
447.3 Pentastomida (Linguatulida; tongue worms)
447.5 Tardigrada (Water bears)
447.7 Merostomata (Xiphosura)
Onychophora (Velvet worms)
448 General works
Geographical distribution
For geographical distribution of systematic divisions see QL448.5-.55
448.3 General works
448.32 North America (United States, Canada, and Greenland) (Table Q3)
448.35 Mexico, Central America, and West Indies (Table Q3)
448.37 South America (Table Q3)
448.4 Europe (Table Q3)
448.42 Atlantic islands (Table Q3)
448.43 Asia (Table Q3)
448.44 Africa (Table Q3)
448.45 Indian Ocean islands (Table Q3)
448.46 Australasia (Australia, New Zealand, New Guinea, and neighboring islands) (Table Q3)

Invertebrates
Arthropoda
Onychophora (Velvet worms)
Geographical distribution -- Continued
448.47 Pacific islands (Table Q3)
Polar regions
448.48 General works
448.483 Arctic regions
448.485 Antarctica
448.49 Tropics
Systematic divisions
Class here works on species, genera, and families by family; higher taxa by class
Udeonychophora
448.5 General works and orders
448.55.A-Z By family, A-Z
448.55.P47 Peripatidae
448.55.P48 Peripatopsidae
Myriapoda
449 General works, treatises, and textbooks
Geographical distribution
For geographical distribution of systematic divisions see QL449.5+
449.3 General works
449.32 North America (United States and Canada) (Table Q3)
449.35 Mexico, Central America, and West Indies (Table Q3)
449.37 South America (Table Q3)
449.4 Europe (Table Q3)
449.42 Asia (Table Q3)
449.44 Africa (Table Q3)
449.46 Australasia and Indo-Pacific islands (Table Q3)
449.48 Polar regions
449.49 Tropics
Systematic divisions
Class here works on species, genera, and families by family; high taxa by class
Chilopoda (Centipedes)
449.5 General works and orders
449.55.A-Z By family, A-Z
449.55.C4 Cermatobiidae
449.55.C7 Craterostigmidae
449.55.C78 Cryptopidae
449.55.D5 Dignathodontidae
449.55.E8 Ethopolyidae
449.55.G4 Geophilidae
449.55.G66 Gonibregmatidae
449.55.G68 Gosibiidae
449.55.H4 Henicopidae
449.55.H5 Himantariidae
449.55.L5 Lithobiidae
449.55.M4 Mecistocephalidae
449.55.N4 Neogeophilidae
449.55.O7 Oryidae
449.55.S25 Schendylidae
449.55.S3 Scolopendridae
449.55.S37 Scutigeridae
449.55.S63 Sogonidae
449.55.S66 Soniphilidae
449.55.W3 Watobiidae

Invertebrates
Arthropoda
Myriapoda
Systematic divisions -- Continued
Diplopoda (Millipedes)

449.6	General works and orders
449.65.A-Z	By family, A-Z
449.65.A6	Andrognathidae
449.65.A8	Atopetholidae
449.65.B4	Blaniulidae
449.65.C24	Callipodidae
449.65.C25	Cambalidae
449.65.C28	Caseyidae
449.65.C37	Chelodesmidae
449.65.C4	Chordeumidae
449.65.C5	Cleidogonidae
449.65.C6	Conotylidae
449.65.C72	Craspedosomidae
449.65.C79	Cryptodesmidae
449.65.E87	Eurymerodesmidae
449.65.E878	Euryuridae
449.65.G4	Gervaisiidae
449.65.G5	Glomeridae
449.65.G53	Glomeridesmidae
449.65.H37	Harpagophoridae
449.65.J8	Julidae
449.65.L4	Leioderidae
449.65.L9	Lysiopetalidae
449.65.N4	Nearctodesmidae
449.65.O6	Oniscodesmidae
449.65.O95	Oxydesmidae
449.65.P18	Pachybolidae
449.65.P22	Paeromopidae
449.65.P27	Paradoxsomatidae
449.65.P273	Paraiulidae
449.65.P42	Platydesmidae
449.65.P427	Platyrrhacidae
449.65.P64	Polydesmidae
449.65.P648	Polyxenidae
449.65.P649	Polyzoniidae
449.65.R4	Rhinocricidae
449.65.S56	Siphoniulidae
449.65.S565	Siphonophoridae
449.65.S64	Sphaeriodesmidae
449.65.S645	Sphaerotheridae
449.65.S65	Spirobolidae
449.65.S655	Spirostreptidae
	Strongylosomidae see QL449.65.P27
449.65.S88	Stylodesmidae
449.65.S95	Synxenidae
449.65.T56	Tingupidae
449.65.T75	Trichopolydesmidae
449.65.V34	Vanhoeffeniidae
449.65.X9	Xystodesmidae

Pauropoda

449.7	General works

Invertebrates
Arthropoda
Myriapoda
Systematic divisions
Pauropoda -- Continued
449.75.A-Z By family, A-Z
449.75.B7 Brachypauropodidae
449.75.E8 Eurypauropodidae
449.75.P3 Pauropodidae
Symphyla
449.8 General works
449.85.A-Z By family, A-Z
449.85.G4 Geophilellidae
449.85.S25 Scolopendrellidae
449.85.S3 Scutigerellidae
449.9 Anatomy and morphology
449.92 Physiology
Arachnida (Scorpions; spiders; mites; etc.)
451 General works, treatises, and textbooks
452 Popular works
452.2 Juvenile works
452.8 Classification
453 Catalogs and collections
Geographical distribution
For geographical distribution of systematic divisions see QL458+
453.1 North America (United States and Canada) (Table Q3)
453.2 Mexico, Central America, and West Indies (Table Q3)
453.3 South America (Table Q3)
453.35 Atlantic islands (Table Q3)
453.4 Europe (Table Q3)
453.5 Asia (Table Q3)
453.6 Africa (Table Q3)
Australasia
453.68 General works
453.7 Australia
453.75 New Zealand
453.8 Pacific islands (Table Q3)
453.9 Arctic regions
453.95 Antarctica
453.96 Tropics
Systematic divisions
Acari (Acarina). Mites
458 General works
458.15.A-Z By order, A-Z
458.15.A33 Acariformes
Notostigmata see QL458.15.O65
458.15.O65 Opilioacariformes
458.15.P37 Parasitiformes
458.2.A-Z By family, A-Z
458.2.A3 Acaridae
458.2.A44 Alloptidae
458.2.A45 Ameronothridae
458.2.A5 Analgidae
458.2.A58 Anystidae
458.2.A74 Argasidae
458.2.A77 Arrenuridae

Invertebrates
Arthropoda
Arachnida (Scorpions; spiders; mites; etc.)
Systematic divisions
Acari (Acarina). Mites
By family, A-Z -- Continued

458.2.B4	Bdellidae
458.2.B7	Brachychthoniidae
458.2.C28	Caeculidae
458.2.C3	Carpoglyphidae
458.2.C37	Cercomegistidae
458.2.C39	Chaetodactylidae
458.2.C4	Cheyletidae
458.2.C8	Cunaxidae
458.2.C9	Cytoditidae
458.2.D45	Demodicidae
458.2.D47	Dermanyssidae
458.2.D475	Dermoglyphidae
458.2.D56	Diptilomiopidae
458.2.E45	Echimyopodidae
458.2.E6	Epidermoptidae
458.2.E73	Eremaeidae
458.2.E75	Eriophyidae
458.2.E78	Erythraeidae
458.2.E8	Eupodidae
458.2.E84	Eustathiidae
458.2.E9	Eylaidae
458.2.F3	Falculiferidae
458.2.G34	Galumnidae
	Gamasidae see QL458.2.P3
458.2.G4	Glycyphagidae
458.2.H3	Halacaridae
458.2.H38	Hermanniidae
458.2.H4	Heterocheylidae
458.2.H9	Hydrachnidae
458.2.H98	Hydryphantidae
458.2.I9	Ixodidae
458.2.K5	Knemidokoptidae
458.2.L3	Labidocarpidae
458.2.L33	Laelapidae
458.2.L44	Leeuwenhoekiidae
458.2.L54	Limnocharidae
458.2.L58	Listrophoridae
458.2.L67	Lordalycidae
458.2.M3	Macronyssidae
458.2.M53	Microtrombidiidae
458.2.M9	Myobiidae
458.2.M93	Myocoptidae
458.2.N67	Nothridae
458.2.O74	Oribatidae
458.2.P3	Parasitidae
458.2.P35	Penthaleidae
458.2.P37	Phytoptidae
458.2.P4	Phytoseiidae
458.2.P44	Pionidae
458.2.P6	Podapolipodidae

Invertebrates
Arthropoda
Arachnida (Scorpions; spiders; mites; etc.)
Systematic divisions
Acari (Acarina). Mites
By family, A-Z -- Continued

458.2.P65	Pontarachnidae
458.2.P74	Proctophyllodidae
458.2.P8	Psoroptidae
458.2.P85	Pterolichidae
458.2.P87	Pterygosomatidae
458.2.P9	Pyemotidae
458.2.P95	Pyroglyphidae
458.2.R36	Raphignathidae
458.2.R45	Rhagidiidae
458.2.R47	Rhodacaridae
458.2.R66	Rosensteiniidae
458.2.S25	Sarcoptidae
458.2.S3	Scutacaridae
458.2.S7	Sperchonidae
458.2.S75	Spinturnicidae
458.2.S8	Stigmaeidae
458.2.S89	Syringobiidae
458.2.S9	Syringophilidae
458.2.T3	Tarsonemidae
458.2.T36	Tenuipalpidae
458.2.T4	Tetranychidae (Spider mites)
458.2.T5	Thyasidae
458.2.T7	Trachytidae
458.2.T75	Trombiculidae
458.2.T76	Trombidiidae
458.2.U5	Unionicolidae
458.2.U7	Uropodidae
458.2.V37	Varroidae
458.2.X65	Xolalgidae
458.2.Z4	Zerconidae

Amblypygi (Phrynichida)

458.3	General works
458.32.A-Z	By family, A-Z
458.32.C4	Charonidae
458.32.P56	Phrynichidae
458.32.P57	Phrynidae
458.32.T3	Tarantulidae

Araneae (Araneida). Spiders

458.4	General works
	Geographical distribution
458.41	North America (United States, Canada, and Greenland) (Table Q3)
458.412	Mexico, Central America, and West Indies (Table Q3)
458.413	South America (Table Q3)
458.4135	Atlantic islands (Table Q3)
458.414	Europe (Table Q3)
458.415	Asia (Table Q3)
458.416	Africa (Table Q3)
458.4165	Indian Ocean islands (Table Q3)
	Australasia
458.417	General works

Invertebrates
Arthropoda
Arachnida (Scorpions; spiders; mites; etc.)
Systematic divisions
Araneae (Araneida). Spiders
Geographical distribution
Australasia -- Continued
458.4173 Australia
458.4175 New Zealand
458.418 Pacific islands (Table Q3)
Polar regions
458.4185 General works
458.419 Arctic regions
458.4195 Antarctica
458.4197 Tropics
458.42.A-Z By family, A-Z
458.42.A2 Acanthoctenidae
458.42.A28 Actinopodidae
458.42.A3 Agelenidae
458.42.A4 Amaurobiidae
Amaurobioididae see QL458.42.A57
458.42.A45 Ammoxenidae
458.42.A48 Anapidae
458.42.A5 Antrodiaetidae
458.42.A57 Anyphaenidae
458.42.A7 Araneidae (Orb weavers)
458.42.A73 Archaeidae
Argiopidae see QL458.42.A7
Attidae see QL458.42.S24
458.42.A8 Atypidae
Avicularidae see QL458.42.T5
458.42.B3 Barychelidae
458.42.C3 Caponiidae
458.42.C4 Clubionidae
458.42.C67 Corinnidae
458.42.C8 Ctenidae
458.42.C83 Ctenizidae
458.42.C93 Cyatholipidae
Deinopidae see QL458.42.D55
458.42.D44 Desidae
458.42.D5 Dictynidae
458.42.D53 Diguetidae
458.42.D55 Dinopidae. Deinopidae
458.42.D56 Dipluridae
458.42.D9 Dysderidae
458.42.E7 Eresidae (Velvet spiders)
Eusparassidae see QL458.42.H48
458.42.F5 Filistatidae
458.42.G5 Gnaphosidae
458.42.G7 Gradungulidae
458.42.H3 Hadrotarsidae
458.42.H33 Hahniidae
458.42.H47 Hersiliidae
458.42.H48 Heteropodidae
458.42.H6 Homalonychidae
458.42.H9 Hypochilidae

Invertebrates
Arthropoda
Arachnida (Scorpions; spiders; mites; etc.)
Systematic divisions
Araneae (Araneida). Spiders
By family, A-Z -- Continued

458.42.L3	Lamponidae
458.42.L4	Leptonetidae
458.42.L55	Linyphiidae
458.42.L555	Liocranidae
458.42.L56	Liphistiidae
458.42.L6	Loxoscelidae
458.42.L9	Lycosidae (Wolf spiders)
458.42.M4	Mecicobothriidae
458.42.M5	Microstigmatidae
458.42.M53	Migidae
458.42.M54	Mimetidae
458.42.M97	Mysmenidae
458.42.N37	Nemesiidae
458.42.N38	Nephilidae
458.42.N4	Nesticidae
458.42.O3	Ochyroceratidae
458.42.O4	Oecobiidae
458.42.O6	Oonopidae
458.42.O9	Oxyopidae
458.42.P34	Palpimanidae
458.42.P37	Paratropidae
458.42.P39	Philodromidae
458.42.P4	Pholcidae
458.42.P47	Pimoidae
458.42.P5	Pisauridae
458.42.P6	Platoridae
458.42.P64	Plectreuridae
458.42.P7	Prodidomidae
458.42.P8	Psechridae
458.42.P9	Pycnothelidae
458.42.S24	Salticidae (Jumping spiders)
458.42.S3	Scytodidae
458.42.S44	Selenopidae
458.42.S45	Senoculidae
458.42.S5	Sicariidaee
	Sparassidae see QL458.42.H48
458.42.S7	Stenochilida
458.42.S73	Stiphidiidae
458.42.S9	Symphytognathidae
458.42.T44	Telmidae
458.42.T45	Tengellidae
458.42.T46	Tetrabelmmidae
458.42.T48	Tetragnathidae
458.42.T5	Theraphosidae (Tarantulas)
458.42.T54	Theridiidae (Cobweb weavers)
458.42.T55	Theridiosomatidae
458.42.T56	Thomisidae
458.42.T6	Toxopidae
458.42.U4	Uloboridae
458.42.U7	Urocteidae

Invertebrates
Arthropoda
Arachnida (Scorpions; spiders; mites; etc.)
Systematic divisions
Araneae (Araneida). Spiders
By family, A-Z -- Continued
458.42.Z63 Zodariidae
458.42.Z67 Zoropsidae
Opiliones (Opiliona; Phalangiida)
458.5 General works
458.52.A-Z By family, A-Z
458.52.A8 Assamiidae
458.52.C6 Cosmetidae
458.52.G6 Gonyleptidae
458.52.I7 Ischyropsalidae
458.52.L44 Leiobunidae
458.52.N4 Nemastomatidae
458.52.O5 Oncopodidae
458.52.P45 Phalangiidae
458.52.P46 Phalangodidae
458.52.S5 Sironidae
458.52.S9 Synthetonychidae
458.52.T75 Triaenonychidae
458.52.T76 Trogulidae
Palpigradi (Palpigradida)
458.55 General works
458.57.A-Z By family, A-Z
458.57.E9 Eukoeneniidae
Pseudoscorpiones (Book scorpions; Chelonethida; Pseudoscorpionida)
458.6 General works
458.62.A-Z By family, A-Z
458.62.C37 Chernetidae
458.62.C4 Chthoniidae
458.62.G3 Garypidae
458.62.H9 Hyidae
458.62.I3 Ideoroncidae
458.62.M4 Menthidae
458.62.N4 Neobisiidae
458.62.O4 Olpiidae
458.62.S9 Syarinidae
458.62.T7 Tridenchthoniidae
Ricinulei (Ricinuleida; Podogonata; Rhinogastra)
458.65 General works
458.67.A-Z By family, A-Z
458.67.R5 Ricinoididae
Schizomida
458.69 General works
458.692.A-Z By family, A-Z
458.692.H82 Hubbardiidae
458.692.P75 Protoschizomidae
Schizomidae see QL458.692.H82
Scorpiones (Scorpionida)
458.7 General works
458.72.A-Z By family, A-Z
458.72.B6 Bothriuridae
458.72.B8 Buthidae

Invertebrates
Arthropoda
Arachnida (Scorpions; spiders; mites; etc.)
Systematic divisions
Scorpiones (Scorpionida)
By family, A-Z -- Continued
458.72.C27 Caraboctonidae
458.72.C4 Chactidae
458.72.C45 Chaerilidae
458.72.D5 Diplocentridae
458.72.E88 Euscorpiidae
458.72.H45 Hemiscorpiidae
458.72.H48 Heteroscorpionidae
458.72.H67 Hormuridae
(458.72.I75) Ischnuridae
see QL458.72.H45
458.72.I95 Iuridae
458.72.M52 Microcharmidae
458.72.P75 Pseudochactidae
458.72.S3 Scorpionidae
458.72.S85 Superstitioniidae
458.72.T75 Troglotaoysicidae
(458.72.U75) Urodacidae
see QL458.72.S3
458.72.V4 Vaejovidae
Solpugida (Solifugae; Sun spiders; Wind scorpions)
458.8 General works
458.82.A-Z By family, A-Z
458.82.A4 Ammotrechidae
458.82.C4 Ceromidae
458.82.D3 Daesiidae
458.82.E7 Eremobatidae
458.82.G3 Galeodidae
458.82.H4 Hexisopodidae
458.82.K3 Karschiidae
458.82.M4 Melanoblossiidae
458.82.R4 Rhagodidae
458.82.S6 Solpugidae
Uropygi (Thelyphonida; Whip scorpions)
458.85 General works
458.87.A-Z By family, A-Z
(458.87.S3) Schizomidae
see QL458.692.H82
458.87.T4 Thelyphonidae
459 Anatomy and morphology
459.2 Physiology
Insects
Cf. SB818+ Economic entomology
461 Periodicals, societies, congresses, serial publications
462 Collected works (nonserial)
462.3 Dictionaries and encyclopedias
462.4 Terminology, notation, abbreviations
462.5 History
463 General works, treatises, and textbooks
464 Field and laboratory manuals
465 Collection and preservation

Invertebrates
Arthropoda
Insects -- Continued
466 Pictorial works and atlases
467 Popular works
467.2 Juvenile works
467.8 Rare and endangered species
467.9 Extinct insects
468 Classification. Nomenclature
468.2 Catalogs and collections
468.4 Entomology as a profession. Vocational guidance
468.5 Study and teaching. Research
468.7 Evolution. Phylogeny. Speciation
468.8 Poisonous insects. Dangerous insects
Geographical distribution
For geographical distribution of systematic divisions, see QL503+
469 General works
Physiographic divisions
Aquatic
472 General works
472.3 Marine
472.7 Urban
Topographic divisions
North America
473 General works
United States
474 General works
475.A-Z By region or state, A-Z
Canada
476 General works
476.3.A-Z By region, province, or territory, A-Z
Latin America
476.5 General works
477 Mexico
478 Central America (Table Q3)
479 West Indies (Table Q3)
481 South America (Table Q3)
Atlantic islands
481.4 General works
481.5 By individual island or group of islands, A-Z
482 Europe (Table Q3)
483 Asia (Table Q3)
485 Africa (Table Q3)
Indian Ocean islands
486 General works
486.3.A-Z By individual island or group of islands, A-Z
487 Australia
487.5 New Zealand
489 Pacific islands (Table Q3)
491 Arctic regions
491.5 Antarctica
491.6 Tropics
492.5 Immunology
493 Genetics
493.5 Molecular entomology
494 Anatomy and morphology

Invertebrates
Arthropoda
Insects -- Continued
494.5 Metamorphosis
494.8 Cytology
Physiology
495 General works
495.5 Development
496 Behavior. Social life. Instinct
496.12 Parasitism
Including parasitic insects and parasitoids
496.15 Population dynamics
496.2 Migration
496.4 Ecology
496.5 Sound and sound production
496.7 Flight
497 Miscellany and curiosa
Apterygota
501 General works, treatises, and textbooks
Geographical distribution
For geographical distribution of systematic divisions see QL503+
502 General works
502.1 North America (United States and Canada) (Table Q3)
502.2 Mexico, Central America, and West Indies (Table Q3)
502.3 South America (Table Q3)
502.4 Europe (Table Q3)
502.5 Asia (Table Q3)
502.6 Africa (Table Q3)
502.7 Australia
502.75 New Zealand
502.8 Pacific islands (Table Q3)
502.9 Arctic regions
502.95 Antarctica
502.96 Tropics
Systematic divisions
Collembola
503.A1 General works
503.A3-Z By family, A-Z
503.A3 Actaletidae
503.D5 Dicyrtomidae
503.E5 Entomobryidae
503.H9 Hypogastruridae
503.I8 Isotomidae
503.N4 Neelidae
503.O5 Oncopoduridae
503.O56 Onychiuridae
503.P6 Poduridae
503.S6 Sminthuridae
503.T6 Tomoceridae
Entotrophi (Diplura)
503.4.A1 General works
503.4.A3-Z By family, A-Z
503.4.C3 Campodeidae
503.4.J3 Japygidae
503.4.P7 Projapygidae
Protura

Invertebrates
Arthropoda
Insects
Apterygota
Systematic divisions
Protura -- Continued
503.6.A1 General works
503.6.A3-Z By family, A-Z
503.6.A3 Acerentomidae
503.6.E6 Eosentomidae
503.6.P7 Protentomidae
Archaeognatha
503.7.A1 General works
503.7.A3-Z By family, A-Z
503.7.M32 Machilidae
503.7.M44 Meinertellidae
Thysanura
503.8.A1 General works
503.8.A3-Z By family, A-Z
503.8.L4 Lepismatidae
(503.8.M3) Machilidae
see QL503.7.M32
(503.8.M4) Meinertellidae
see QL503.7.M44
503.8.N5 Nicoletiidae
504 Anatomy and morphology
504.2 Physiology
Ephemeroptera (Plectoptera; mayflies)
505 General works, treatises, and textbooks
Geographical distribution
For geographical distribution of systematic divisions see QL505.3.A+
505.1 General works
505.2 North America (United States and Canada) (Table Q3)
505.22 Mexico, Central America, and West Indies (Table Q3)
505.23 South America (Table Q3)
505.24 Europe (Table Q3)
505.25 Asia (Table Q3)
505.26 Africa (Table Q3)
505.27 Australasia and Indo-Pacific islands (Table Q3)
505.28 Polar regions
505.29 Tropics
505.3.A-Z Systematic divisions. By family, A-Z
Ametropodidae see QL505.3.S5
505.3.B33 Baetidae
505.3.B38 Baetiscidae
505.3.C3 Caenidae
505.3.E64 Ephemerellidae
505.3.E65 Ephemeridae
505.3.H4 Heptageniidae
505.3.L4 Leptophlebiidae
505.3.O4 Oligoneuridae
505.3.P3 Palingeniidae
505.3.P64 Polymitarcidae
505.3.P68 Potamanthidae
505.3.P76 Prosopistomatidae
505.3.S5 Siphlonuridae

Invertebrates
Arthropoda
Insects
Ephemeroptera (Plectoptera; mayflies) -- Continued
505.4 Anatomy and morphology
505.42 Physiology
Blattaria (Cockroaches)
505.5 General works
Geographical distribution
For geographical distribution of systematic divisions see QL505.7.A+
505.51 General works
505.6 North America (United States and Canada) (Table Q3)
505.62 Mexico, Central America, and West Indies (Table Q3)
505.63 South America (Table Q3)
505.64 Europe (Table Q3)
505.65 Asia (Table Q3)
505.66 Africa (Table Q3)
505.67 Australasia and Indo-Pacific islands (Table Q3)
505.68 Polar regions
505.69 Tropics
505.7.A-Z Systematic divisions. By family, A-Z
505.7.A73 Archiblattidae
505.7.A74 Areolariidae
505.7.A87 Attaphilidae
505.7.A88 Atticolidae
505.7.B4 Blaberidae
505.7.B48 Blattellidae
505.7.B485 Blattidae
505.7.C4 Chorisoneuridae
505.7.C6 Corydiidae
505.7.C7 Cryptocercidae
505.7.D5 Diplopteridae
505.7.E3 Ectobiidae
505.7.E7 Epilampridae
505.7.E9 Euthyrrhaphidae
505.7.H6 Homoeogamiidae
505.7.L3 Latindiidae
505.7.N62 Nocticolidae
505.7.N68 Nothoblattidae
505.7.N9 Nyctiboridae
505.7.O8 Ouloterygidae
505.7.O9 Oxyhaloidae
505.7.P33 Panchloridae
505.7.P34 Panesthiidae
505.7.P4 Perisphaeriidae
505.7.P45 Phyllodromiidae
505.7.P6 Polyphagidae
505.8 Anatomy and morphology
505.82 Physiology
Mantodea (Mantids)
505.83 General works, treatises, and textbooks
Geographical distribution
For geographical distribution of systematic divisions see QL505.9.A+
505.84 General works
505.85 North America (United States and Canada) (Table Q3)
505.855 Mexico, Central America, and West Indies (Table Q3)

Invertebrates
Arthropoda
Insects
Mantodea (Mantids)
Geographical distribution -- Continued
505.86 South America (Table Q3)
505.865 Europe (Table Q3)
505.87 Asia (Table Q3)
505.875 Africa (Table Q3)
505.88 Australasia and Indo-Pacific Islands (Table Q3)
505.885 Polar regions
505.89 Tropics
505.9.A-Z Systematic divisions. By family, A-Z
505.9.H94 Hymenopodidae
505.9.M35 Mantidae
505.95 Anatomy
505.96 Physiology
Orthoptera (Grasshoppers; locusts; etc.)
506 General works, treatises, and textbooks
Geographical distribution
For geographical distribution of systematic divisions see QL508.A+
507 General works
507.1 North America (United States and Canada) (Table Q3)
507.2 Mexico, Central America, and West Indies (Table Q3)
507.3 South America (Table Q3)
507.4 Europe (Table Q3)
507.5 Asia (Table Q3)
507.6 Africa (Table Q3)
507.7 Australia
507.75 New Zealand
507.8 Pacific islands (Table Q3)
507.9 Arctic regions
507.95 Antarctica
507.96 Tropics
508.A-Z Systematic divisions. By family, A-Z
508.A2 Acrididae (Grasshoppers)
508.A56 Anostostomatidae
Bacillidae see QL509.7.P58
Bacteriidae see QL509.7.P53
Bacunculidae see QL509.7.P58
Blattidae see QL505.5+
508.C9 Cylindrachetidae
508.E5 Eneopteridae
508.G7 Gryllacrididae
508.G8 Gryllidae (Crickets)
(508.G86) Grylloblattidae
see QL509.3
508.G87 Gryllotalpidae (Mole crickets)
508.L45 Lentulidae
Locustidae see QL508.A2
(508.M4) Mantidae
see QL505.9.M35
508.M6 Mogoplistidae
508.M9 Myrmecophilidae
508.O4 Oecanthidae
508.P34 Pamphagidae

Invertebrates
Arthropoda
Insects
Orthoptera (Grasshoppers; locusts; etc.)
Systematic divisions. By family, A-Z -- Continued
Phasmatidae see QL509.7.P53
508.P53 Phasmodidae
Phylliidae see QL509.7.P58
508.P6 Pneumoridae
508.P7 Proscopiidae
508.P97 Pyrgomorphidae
508.R45 Rhaphidophoridae
508.R65 Romaleidae (Lubber grasshoppers)
508.S7 Stenopelmatidae (Jerusalem crickets)
508.T38 Tetrigidae (Pigmy grasshoppers)
508.T4 Tettigoniidae (Katydids; Longhorn grasshoppers)
508.T45 Thericleidae
Timematidae see QL509.7.P58
508.T73 Tridactylidae (Pigmy mole crickets)
508.T74 Trigonidiidae
509 Anatomy and morphology
509.2 Physiology
509.3 Grylloblattodea
Includes one family, Grylloblattidae
Phasmatoptera (Phasmida; Stick insects)
509.5 General works
Geographical distribution
For geographical distribution of systematic divisions see QL509.7.A+
509.55 General works
509.6 North America (United States and Canada) (Table Q3)
509.62 Mexico, Central America, and West Indies (Table Q3)
509.63 South America (Table Q3)
509.64 Europe (Table Q3)
509.65 Asia (Table Q3)
509.66 Africa (Table Q3)
509.67 Australasia and Indo-Pacific islands (Table Q3)
509.68 Polar regions
509.69 Tropics
509.7.A-Z Systematic divisions, A-Z
509.7.P53 Phasmatidae
509.7.P58 Phylliidae
Dermaptera (Earwigs)
510 General works, treatises, and textbooks
Geographical distribution
For geographical distribution of systematic divisions see QL510.3.A+
510.15 General works
510.2 North America (United States and Canada) (Table Q3)
510.22 Mexico, Central America, and West Indies (Table Q3)
510.23 South America (Table Q3)
510.24 Europe (Table Q3)
510.25 Asia (Table Q3)
510.26 Africa (Table Q3)
510.27 Australasia and Indo-Pacific islands (Table Q3)
510.28 Polar regions
510.29 Tropics
510.3.A-Z Systematic divisions. By family, A-Z

Invertebrates
Arthropoda
Insects
Dermaptera (Earwigs)
Systematic divisions. By family, A-Z -- Continued

510.3.A4	Allostethidae
510.3.A5	Anataeliidae
510.3.A52	Ancistrogastridae
510.3.A54	Anechuridae
510.3.A6	Apachyidae
510.3.A7	Arixeniidae
510.3.B7	Brachylabidae
510.3.C37	Carcinophoridae
510.3.C43	Cheliduridae
510.3.C48	Chelisochidae
510.3.D5	Diaperasticidae
510.3.D56	Diplatyidae
510.3.E3	Echinosomatidae
510.3.E8	Esphalmenidae
510.3.E9	Eudorniidae
510.3.F6	Forficulidae
510.3.H4	Hemimeridae
510.3.K3	Karschiellidae
510.3.L33	Labiduridae
510.3.L35	Labiidae
510.3.N46	Neolobophoridae
510.3.N48	Nesogastridae
510.3.O6	Opisthocosmiidae
510.3.P3	Parisolabidae
510.3.P4	Pericomidae
510.3.P5	Platylabiidae
510.3.P8	Psalididae
510.3.P94	Pygidicranidae
510.3.P97	Pyragridae
510.3.S6	Sparattidae
510.3.S66	Spongiphoridae
510.3.S8	Strongylopsalididae
510.3.V3	Vandicidae
510.4	Anatomy and morphology
510.42	Physiology

Neuroptera

511	General works, treatises, and textbooks
	Geographical distribution
	For geographical distribution of systematic divisions see QL513.A+
512	General works
512.1	North America (United States and Canada) (Table Q3)
512.2	Mexico, Central America, and West Indies (Table Q3)
512.3	South America (Table Q3)
512.4	Europe (Table Q3)
512.5	Asia (Table Q3)
512.6	Africa (Table Q3)
512.7	Australia
512.75	New Zealand
512.8	Pacific islands (Table Q3)
512.9	Arctic regions
512.95	Antarctica

Invertebrates
Arthropoda
Insects
Neuroptera
Geographical distribution -- Continued
512.96 Tropics
513.A-Z Systematic divisions. By family, A-Z
513.A6 Apochrysidae
513.A7 Ascalaphidae (Owlflies)
513.B4 Berothidae (Beaded lacewings)
513.C5 Chrysopidae (Lacewings)
513.C65 Coniopterygidae (Dusty-wings)
(513.C7) Corydalidae (Dobsonflies)
see QL514.7.C67
513.D5 Dilaridae (Pleasing lacewings)
Embiidae see QL539+
Ephemeroptera see QL505+
513.H5 Hemerobiidae (Brown lacewings)
513.I5 Inoceliidae
Isoptera see QL529+
513.I8 Ithonidae
513.M3 Mantispidae (Mantidflies)
513.M86 Myiodactylidae
513.M9 Myrmeleontidae (Antlions)
513.N4 Nemopteridae
513.N9 Nymphidae
Odonata see QL520+
513.O8 Osmylidae
Planipennia see QL511+
Plecoptera see QL530+
513.P6 Polystoechotidae (Giant lacewings)
Psocidae see QL515+
513.P8 Psychopsidae
(513.R3) Raphidiidae (Snakeflies)
see QL514.9.R35
(513.S6) Sialidae (Alderflies)
see QL514.7.S52
513.S65 Sisyridae (Spongillaflies)
513.S8 Stilbopterygidae
513.S9 Sympherobiidae
Termitidae see QL529+
513.T7 Trichomatidae
514 Anatomy and morphology
514.2 Physiology
Megaloptera
514.4 General works, treatises, and textbooks
Geographical distribution
For geographical distribution of systematic divisions see QL514.7.A+
514.5 General works
514.6 North America (United States and Canada) (Table Q3)
514.62 Mexico, Central America, and West Indies (Table Q3)
514.63 South America (Table Q3)
514.64 Europe (Table Q3)
514.65 Asia (Table Q3)
514.66 Africa (Table Q3)
514.67 Australasia and Indo-Pacific islands (Table Q3)

Invertebrates
Arthropoda
Insects
Megaloptera
Geographical distribution -- Continued
514.68 Polar regions
514.69 Tropics
514.7.A-Z Systematic divisions. By family, A-Z
514.7.C67 Corydalidae (Dobsonflies)
514.7.S52 Sialidae (Alderflies)
514.8 Anatomy and morphology
514.82 Physiology
Raphidioptera
514.86 General works, treatises, and textbooks
Geographical distribution
For geographical distribution of systematic divisions see QL514.9.A+
514.88 General works
514.8815 North America (United States and Canada) (Table Q3)
514.882 Mexico, Central America, and West Indies (Table Q3)
514.883 South America (Table Q3)
514.884 Europe (Table Q3)
514.885 Asia (Table Q3)
514.886 Africa (Table Q3)
514.887 Australasia and Indo-Pacific islands (Table Q3)
514.888 Polar regions
514.889 Tropics
514.9.A-Z Systematic divisions. By family, A-Z
514.9.R35 Raphidiidae (Snakeflies)
514.95 Anatomy and morphology
514.96 Physiology
Psocoptera (Corrodentia)
515 General works
515.2.A-Z Systematic divisions, A-Z
515.2.P4 Peripsocidae
515.2.P73 Pseudocaecillidae
515.5 Zoraptera
Trichoptera (Caddisflies)
516 General works, treatises, and textbooks
Geographical distribution
For geographical distribution of systematic divisions see QL518.A+
517 General works
517.1 North America (United States and Canada) (Table Q3)
517.2 Mexico, Central America, and West Indies (Table Q3)
517.3 South America (Table Q3)
517.4 Europe (Table Q3)
517.5 Asia (Table Q3)
517.6 Africa (Table Q3)
517.7 Australia
517.75 New Zealand
517.8 Pacific islands (Table Q3)
517.9 Arctic regions
517.95 Antarctica
517.96 Tropics
518.A-Z Systematic divisions. By family, A-Z
518.A55 Anomalopsychidae
518.B4 Beraeidae

Invertebrates
Arthropoda
Insects
Trichoptera (Caddisflies)
Systematic divisions. By family, A-Z -- Continued

518.B7	Brachycentridae
518.C3	Calamoceratidae
518.G6	Goeridae
518.H4	Helicopsychidae
518.H94	Hydropsychidae
518.H95	Hydroptilidae
518.L48	Leptoceridae
518.L5	Limnephilidae
518.M6	Molannidae
518.O4	Odontoceridae
518.P45	Philopotamidae
518.P47	Phryganeidae
518.P6	Polycentropodidae
518.P8	Psychomyiidae
518.R4	Rhyacophilidae
518.S4	Sericostomatidae
518.X5	Xiphocentronidae
519	Anatomy and morphology
519.2	Physiology

Odonata (Dragonflies, etc.)

520	General works, treatises, and textbooks
	Geographical distribution
	For geographical distribution of systematic divisions see QL520.3.A+
520.15	General works
520.2	North America (United States and Canada) (Table Q3)
520.22	Mexico, Central America, and West Indies (Table Q3)
520.23	South America (Table Q3)
520.24	Europe (Table Q3)
520.25	Asia (Table Q3)
520.26	Africa (Table Q3)
520.27	Australasia and Indo-Pacific islands (Table Q3)
520.28	Polar regions
520.29	Tropics
520.3.A-Z	Systematic divisions. By family, A-Z
520.3.A4	Aeshnidae (Darners)
520.3.A5	Agrionidae
520.3.A6	Amphipterygidae
520.3.C3	Calopterygidae
520.3.C4	Chlorocyphidae
520.3.C64	Coenagrionidae (Narrow-winged damselflies)
520.3.C67	Cordulegastridae (Biddies)
520.3.C68	Corduliidae (Green-eyed skimmers)
520.3.E6	Epallagidae
520.3.E65	Epiophlebiidae
520.3.G6	Gomphidae (Clubtails)
520.3.H44	Heliocharitidae
520.3.H45	Hemiphlebiidae
520.3.L45	Lestidae (Spread-winged damselflies)
520.3.L46	Lestoideidae
520.3.L6	Libellulidae (Skimmers)
520.3.M4	Megapodagrionidae

Invertebrates
Arthropoda
Insects
Odonata (Dragonflies, etc.)
Systematic divisions. By family, A-Z -- Continued
520.3.P4 Petaluridae (Graybacks)
520.3.P53 Platycnemididae
520.3.P58 Platystictidae
520.3.P6 Polythoridae
520.3.P7 Protoneuridae
520.3.P8 Pseudostigmatidae
520.3.S9 Synlestidae
520.4 Anatomy and morphology
520.42 Physiology
Hemiptera (Heteroptera; bugs)
521 General works, treatises, and textbooks
Geographical distribution
For geographical distribution of systematic divisions see QL523.A+
522 General works
522.1 North America (United States and Canada) (Table Q3)
522.2 Mexico, Central America, and West Indies (Table Q3)
522.3 South America (Table Q3)
522.4 Europe (Table Q3)
522.5 Asia (Table Q3)
522.6 Africa (Table Q3)
522.7 Australia
522.75 New Zealand
522.8 Pacific islands (Table Q3)
522.9 Arctic regions
522.95 Antarctica
522.96 Tropics
523.A-Z Systematic divisions. By family, A-Z
523.A14 Acanthosomatidae
523.A35 Aepophilidae
523.A4 Alydidae
523.A5 Anthocoridae (Flowerbugs)
523.A7 Aradidae (Flatbugs)
523.B4 Belostomatidae (Giant waterbugs)
523.B45 Berytidae
Capsidae see QL523.M5
523.C6 Cimicidae (Bedbugs, etc.)
523.C64 Colobothristidae
523.C67 Coreidae
523.C7 Corimelaenidae
523.C75 Corixidae (Water boatmen)
523.C9 Cydnidae (Burrower bugs)
523.D5 Dipsocoridae
523.D74 Drepanosiphidae
523.D9 Dysodiidae
523.E65 Enicocephalidae
523.G4 Gerridae (Water striders)
523.H4 Hebridae
523.H44 Helotrephidae
Henicocephalidae see QL523.E65
Heteroptera see QL521+
Homoptera see QL525+

Invertebrates
Arthropoda
Insects
Hemiptera (Heteroptera; bugs)
Systematic divisions. By family, A-Z -- Continued

523.H93	Hydrometridae
523.H96	Hyocephalidae
523.I83	Isodermidae
523.I85	Isometopidae
523.J6	Joppeicidae
523.L45	Leotichidae
523.L46	Leptopodidae
523.L58	Liviidae
523.L9	Lygaeidae
523.M3	Macroveliidae
523.M4	Mesoveliidae
523.M47	Microphysidae
523.M5	Miridae (Plantbugs)
523.N3	Nabidae (Damsel bugs)
523.N4	Naucoridae (Creeping waterbugs)
523.N46	Neididae
523.N5	Nipidae (Water scorpions)
523.N53	Nerthridae
523.N6	Notonectidae (Back swimmers)
523.O3	Ochteridae
523.P5	Pentatomidae (Stinkbugs)
523.P53	Phymatidae (Ambushbugs)
523.P55	Piesmidae
523.P57	Plataspidae
523.P576	Ploiariidae
523.P62	Podopidae
523.P64	Polyctenidae
523.P9	Pyrrhocoridae
523.R4	Reduviidae (Assassin bugs)
523.R5	Rhopalidae
523.S25	Saldidae (Shorebugs)
523.S3	Schizopteridae
523.S4	Scutelleridae
523.T3	Tahitocoridae
523.T4	Termatophylidae
523.T43	Termitaphididae
523.T48	Thaumastotheriidae
523.T5	Tingidae (Lacebugs)
523.V45	Veliidae
523.V46	Velocipedidae
524	Anatomy and morphology
524.2	Physiology

Homoptera (Aphids; cicadas, etc.)

525	General works, treatises, and textbooks
	Geographical distribution
	For geographical distribution of systematic divisions see QL527.A+
526	General works
526.1	North America (United States and Canada) (Table Q3)
526.2	Mexico, Central America, and West Indies (Table Q3)
526.3	South America (Table Q3)
526.4	Europe (Table Q3)

Invertebrates
Arthropoda
Insects
Homoptera (Aphids; cicadas, etc.)
Geographical distribution -- Continued

526.5	Asia (Table Q3)
526.6	Africa (Table Q3)
526.7	Australia
526.75	New Zealand
526.8	Pacific islands (Table Q3)
526.9	Arctic regions
526.95	Antarctica
526.96	Tropics
527.A-Z	Systematic divisions. By family, A-Z
527.A2	Acanaloniidae
527.A25	Achilidae
527.A259	Achilixiidae
527.A3	Adelgidae
527.A4	Aethialoniidae
527.A44	Agallidae
	Aleurodidae see QL527.A5
527.A5	Aleyrodidae (Whiteflies)
527.A64	Aphididae (Aphids or plant lice)
527.A647	Aphrophoridae
527.A65	Apiomorphidae
	Areopodidae see QL527.D44
527.A8	Asterolecaniidae (Pit scales)
527.B9	Bythoscopidae
527.C35	Callaphididae
527.C4	Cercopidae (Spittlebugs)
527.C43	Cerococcidae
	Chermidae see QL527.P88
527.C49	Cicadellidae (Leafhoppers)
527.C5	Cicadidae (Cicadas)
527.C55	Cixiidae
527.C58	Clastopteridae
527.C6	Coccidae (Soft scales)
527.C62	Coelostomidiidae
527.C65	Conchaspididae
527.C9	Cylindrococcidae
527.D3	Dactylopiidae (Cochineal insects)
527.D44	Delphacidae
527.D47	Derbidae
527.D5	Diaspididae (Armored scales)
527.D53	Dictyopharidae
527.E73	Eriococcidae
527.E78	Eriosomatidae
527.E9	Euacanthidae
527.E97	Eurybrachidae
527.F4	Flatidae
527.F9	Fulgoridae
	Gyponidae see QL527.C49
527.I8	Issidae
	Jassidae see QL527.C49
527.K4	Kermesidae
527.K44	Kerridae (Lac scales)

Invertebrates
Arthropoda
Insects
Homoptera (Aphids; cicadas, etc.)
Systematic divisions. By family, A-Z -- Continued

527.K5 Kinnaridae
527.K6 Koebeliidae
Lacciferidae see QL527.K44
(527.L4) Lecaniidae
see QL527.C6
527.L44 Ledridae
527.L6 Lophopidae
527.M3 Machaerotidae
527.M32 Macropsidae
527.M37 Margarodidae
527.M4 Meenoplidae
527.M45 Membracidae (Treehoppers)
Monophlebidae see QL527.M37
527.N5 Nirvanidae
527.N6 Nogodinidae
527.O7 Ortheziidae (Ensign scales)
527.P3 Paropiidae
527.P44 Peloridiidae
527.P45 Penthimiidae
527.P53 Phenacoleachiidae
527.P56 Phylloxeridae
527.P6 Pleidae
527.P83 Pseudococcidae (Mealybugs)
527.P88 Psyllidae (Jumping plant lice)
527.P93 Putoidae
527.P96 Pythamidae
527.R5 Ricaniidae
527.S5 Signoretiidae
527.S8 Stenocotidae
Tachardiidae see QL527.K44
Tettigellidae see QL527.C49
527.T43 Tettigometridae
527.T5 Thaumastoscopidae
527.T6 Tomaspididae
527.T7 Tropiduchidae
527.U4 Ulopidae
528 Anatomy and morphology
528.2 Physiology
Isoptera (Termites)
529 General works, treatises, and textbooks
Geographical distribution
For geographical distribution of systematic divisions see QL529.3.A+
529.15 General works
529.2 North America (United States and Canada) (Table Q3)
529.22 Mexico, Central America, and West Indies (Table Q3)
529.23 South America (Table Q3)
529.24 Europe (Table Q3)
529.25 Asia (Table Q3)
529.26 Africa (Table Q3)
529.27 Australasia and Indo-Pacific islands (Table Q3)
529.28 Polar regions

Invertebrates
Arthropoda
Insects
Isoptera (Termites)
Geographical distribution -- Continued
529.29 Tropics
529.3.A-Z Systematic divisions. By family, A-Z
529.3.H6 Hodotermitidae
529.3.K35 Kalotermitidae
529.3.M3 Mastotermitidae
529.3.R4 Rhinotermitidae
529.3.S47 Serritermitidae
529.3.T4 Termitidae
529.3.T5 Termopsidae
529.4 Anatomy and morphology
529.42 Physiology
Plecoptera (Stoneflies)
530 General works, treatises, and textbooks
Geographical distribution
For geographical distribution of systematic divisions see QL530.3.A+
530.15 General works
530.2 North America (United States and Canada) (Table Q3)
530.22 Mexico, Central America, and West Indies (Table Q3)
530.23 South America (Table Q3)
530.24 Europe (Table Q3)
530.25 Asia (Table Q3)
530.26 Africa (Table Q3)
530.27 Australasia and Indo-Pacific islands (Table Q3)
530.28 Polar regions
530.29 Tropics
530.3.A-Z Systematic divisions. By family, A-Z
530.3.A9 Austroperlidae
530.3.C3 Capniidae
530.3.C45 Chloroperlidae
530.3.E9 Eustheniidae
530.3.L47 Leptoperlidae
530.3.L49 Leuctridae (Rolled-wing stoneflies)
530.3.N4 Nemouridae
530.3.P44 Peltoperlidae
530.3.P47 Perlidae
530.3.P48 Perlodidae
530.3.P8 Pteronarcyidae
530.3.T3 Taeniopterygidae
530.4 Anatomy and morphology
530.42 Physiology
Diptera (Flies)
531 General works, treatises, and textbooks
532 Pictorial works and atlases
533 Popular works
533.2 Juvenile works
534 Classification
534.2 Catalogs and collections
Geographical distribution
For geographical distribution of systematic divisions see QL536+
535 General works
535.1 North America (United States and Canada) (Table Q3)

Invertebrates
Arthropoda
Insects
Diptera (Flies)
Geographical distribution -- Continued

535.2	Mexico, Central America, and West Indies (Table Q3)
535.3	South America (Table Q3)
535.4	Europe (Table Q3)
535.5	Asia (Table Q3)
535.6	Africa (Table Q3)
535.7	Australia
535.75	New Zealand
535.8	Pacific islands (Table Q3)
535.9	Arctic regions
535.95	Antarctica
535.96	Tropics
	Systematic divisions. By family
536	Culicidae (Mosquitoes)
537.A-Z	Other families, A-Z
537.A3	Acroceridae
537.A4	Agromyzidae (Leafminerflies)
537.A45	Allactoneuridae
537.A5	Anthomyiidae
537.A53	Anthomyzidae
537.A6	Apioceridae
537.A85	Asilidae (Robberflies)
537.A88	Astiidae
537.A9	Aulacigastridae
537.B5	Bibionidae (Marchflies)
537.B56	Blepharoceridae
537.B64	Bolitophilidae
537.B65	Bombyliidae (Beeflies)
537.B7	Braulidae
537.C24	Calliphoridae (Blowflies)
537.C25	Canaceidae
537.C26	Canthyloscelidae
537.C27	Carnidae
537.C33	Cecidomyiidae (Gall midges)
537.C35	Celyphidae
537.C37	Ceratopogonidae (Biting midges)
537.C376	Ceroplatidae
537.C4	Chamaemyiidae
537.C43	Chaoboridae (Phantom midges)
537.C455	Chiromyzidae
537.C456	Chironomidae (Tendipedidae; midges)
537.C46	Chloropidae
537.C49	Chyromyiidae
537.C5	Clusiidae
537.C56	Cnemospathidae
537.C634	Coelopidae
537.C636	Coenomyiidae
537.C65	Conopidae
537.C673	Cordyluridae
	Corethridae see QL537.C43
537.C69	Corynoscelidae
537.C7	Cryptochaetidae

Invertebrates
Arthropoda
Insects
Diptera (Flies)
Systematic divisions. By family
Other families, A-Z -- Continued

	Culicidae see QL536
537.C8	Cuterebridae (Rabbit bots; rodent bots)
537.C9	Cylindrotomidae
537.D47	Deuterophlebiidae
537.D48	Dexiidae
537.D52	Diadocidiidae
537.D53	Diastatidae
537.D56	Diopsidae
537.D58	Ditomyiidae
537.D59	Dixidae
537.D6	Dolichopodidae (Long-legged flies)
537.D76	Drosophilidae (Vinegarflies)
537.D79	Dryomyzidae
537.E4	Empididae (Danceflies)
537.E7	Ephydridae
	Euribiidae see QL537.T42
537.G3	Gasterophilidae (Horse bots)
537.G4	Glossinidae
	Heleidae see QL537.C37
537.H44	Helomyzidae
537.H48	Hesperinidae
537.H54	Hilarimorphidae
537.H57	Hippoboscidae (Louseflies)
	Hyperoscelididae see QL537.C26
	Hypodermatidae see QL537.O4
537.I76	Ironomyiidae
537.K47	Keroplatidae
537.L3	Lauxaniidae
537.L5	Limoniidae
537.L6	Lonchaeidae
537.L63	Lonchopteridae (Musidoridae)
537.L9	Lygistorrhinidae
537.M3	Macroceridae (Euphrosynidae)
537.M35	Manotidae
537.M4	Megamerinidae
	Metopiidae see QL537.S25
537.M43	Micropezidae
537.M5	Milichiidae
537.M6	Mormotomyiidae
537.M8	Muscidae (Houseflies, etc.)
537.M9	Mycetobiidae
537.M92	Mycetophilidae (Fungivoridae)
537.M93	Mydaidae
537.M98	Mythicomyiidae
537.N44	Nemestrinidae
537.N46	Neottiophilidae
537.N47	Neriidae
537.N6	Nothybidae
537.N9	Nycteribiidae
537.N94	Nymphomyiidae

Invertebrates
Arthropoda
Insects
Diptera (Flies)
Systematic divisions. By family
Other families, A-Z -- Continued

537.O3 Odiniidae
537.O4 Oestridae (Botflies; warbleflies)
537.O7 Opomyzidae
537.O8 Otitidae
537.P3 Pachyneuridae
537.P34 Pallopteridae
537.P35 Pantophthalmidae
537.P4 Periscelidae
537.P42 Petauristidae
537.P44 Phasiidae
537.P46 Phoridae (Humpbacked flies)
537.P49 Phytalmiidae
537.P56 Piophilidae (Skipperflies)
537.P57 Pipunculidae (Dorylaidae; bigheadedflies)
537.P63 Platypezidae (Clythiidae)
537.P65 Platystomatidae
537.P83 Psilidae (Rust flies)
537.P85 Psychodidae (Mothflies)
537.P87 Pterocallidae
537.P89 Ptychopteridae (Liriopeidae)
537.P97 Pyrgotidae
537.R4 Rhagionidae (Snipeflies)
537.R457 Rhinophoridae
537.R458 Rhinoteridae
537.R46 Rhopalomeridae
537.R5 Richardiidae
537.S25 Sarcophagidae (Metopiidae; fleshflies)
537.S32 Scatopsidae
537.S34 Scenopinidae (Omphralidae)
537.S35 Sciadoceridae
537.S357 Sciaridae (Lycoriidae; fungus gnats)
537.S365 Sciomyzidae
537.S367 Sciophilidae
537.S4 Sepsidae
537.S54 Silvicolidae
537.S55 Simuliidae (Melusinidae; blackflies)
537.S6 Solvidae
537.S7 Sphaeroceridae
537.S84 Stratiomyidae (Soldier flies)
537.S86 Streblidae
537.S87 Strongylophthalmyiidae
537.S88 Synneuridae
537.S9 Syrphidae (Flowerflies; hoverflies)
537.T25 Tabanidae (Deerflies)
537.T28 Tachinidae (Larvaevoridae)
537.T3 Tachiniscidae
537.T35 Tanyderidae
537.T357 Tanypezidae
537.T42 Tephritidae
537.T447 Termitoxeniidae

Invertebrates
Arthropoda
Insects
Diptera (Flies)
Systematic divisions. By family
Other families, A-Z -- Continued
537.T448 Tethinidae
537.T45 Thaumaleidae
537.T458 Thaumatoxenidae
537.T47 Therevidae
537.T49 Thyreophoridae
537.T6 Tipulidae (Craneflies)
537.T7 Trichoceridae (Winter craneflies)
537.T75 Trixoscelidae
Trypetidae see QL537.T42
Tylidae see QL537.M43
537.U4 Ulidiidae
537.X9 Xylophagidae (Erinnidae)
538 Anatomy and morphology
538.2 Physiology
Embioptera (Embiodea; web spinners)
539 General works, treatises, and textbooks
Geographical distribution
For geographical distribution of systematic divisions see QL539.3.A+
539.15 General works
539.2 North America (United States and Canada) (Table Q3)
539.22 Mexico, Central America, and West Indies (Table Q3)
539.23 South America (Table Q3)
539.24 Europe (Table Q3)
539.25 Asia (Table Q3)
539.26 Africa (Table Q3)
539.27 Australasia and Indo-Pacific islands (Table Q3)
539.28 Polar regions
539.29 Tropics
539.3.A-Z Systematic divisions. By family, A-Z
539.3.A5 Anisembiidae
539.3.C4 Clothodidae
539.3.E4 Embiidae
539.3.N6 Notoligotomidae
539.3.O44 Oligembiidae
539.3.O46 Oligotomidae
539.3.T4 Teratembiidae
539.4 Anatomy and morphology
539.42 Physiology
Mallophaga (Chewing lice)
540 General works, treatises, and textbooks
Geographical distribution
For geographical distribution of systematic divisions see QL540.3.A+
540.15 General works
540.2 North America (United States and Canada) (Table Q3)
540.22 Mexico, Central America, and West Indies (Table Q3)
540.23 South America (Table Q3)
540.24 Europe (Table Q3)
540.25 Asia (Table Q3)
540.26 Africa (Table Q3)
540.27 Australasia and Indo-Pacific islands (Table Q3)

Invertebrates
Arthropoda
Insects
Mallophaga (Chewing lice)
Geographical distribution -- Continued
540.28 Polar regions
540.29 Tropics
540.3.A-Z Systematic divisions. By family, A-Z
540.3.B6 Boopiidae
540.3.D3 Dasyonygidae
540.3.G9 Gyropidae
540.3.H4 Heptapsogastridae
540.3.L3 Laemobothridae
540.3.M4 Menoponidae
540.3.N4 Nesiotinidae
540.3.P4 Philopteridae
540.3.R5 Ricinidae
540.3.T7 Trichodectidae
540.3.T72 Trichophilopteridae
540.3.T74 Trimenoponidae
540.4 Anatomy and morphology
540.42 Physiology
Lepidoptera (Butterflies; moths)
541 Periodicals, societies, congresses, serial publications
541.5 Dictionaries and encyclopedias
542 General works, treatises, and textbooks
543 Pictorial works and atlases
544 Popular works
544.2 Juvenile works
544.6 Butterfly attracting
Including butterfly gardens and gardening
545 Classification
545.2 Catalogs and collections
Geographical distribution
For geographical distribution of systematic divisions see QL561.A+
546 General works
North America
548 General works
United States
549 General works
551.A-Z By region or state, A-Z
552 Canada
553 Mexico, Central America, and West Indies (Table Q3)
554 South America (Table Q3)
555 Europe (Table Q3)
556 Asia (Table Q3)
557 Africa (Table Q3)
557.5 Indian Ocean islands (Table Q3)
558 Australia
558.5 New Zealand
559 Pacific islands (Table Q3)
560 Arctic regions
560.5 Antarctica
560.6 Tropics
561.A-Z Systematic divisions. By family, A-Z
561.A25 Acraeidae

Invertebrates
Arthropoda
Insects
Lepidoptera (Butterflies; moths)
Systematic divisions. By family, A-Z -- Continued

561.A254	Acrolepiidae
561.A256	Acrolophidae
561.A3	Adelidae
	Aegeriidae see QL561.S47
561.A4	Agaristidae
561.A46	Agonoxenidae
561.A48	Alucitidae
561.A5	Amathusiidae
561.A57	Amphitheridae
	Amydriidae see QL561.T55
561.A65	Anomologidae
561.A67	Anthelidae
561.A7	Apoprogonidae
561.A8	Arctiidae (Tiger moths)
561.A84	Argyresthiidae
561.A865	Arrhenophandiae
561.A88	Ashinagidae
561.A93	Axiidae
561.B4	Blastobasidae
561.B6	Bombycidae (Silkworm moths)
561.B68	Brachodidae
561.B7	Brahmaeidae
561.C24	Callidulidae
561.C3	Carposinidae
561.C35	Castniidae
561.C4	Cecidosetidae
561.C42	Cercophanidae
561.C44	Charideidae
561.C46	Chlidanotidae
561.C47	Choreutidae (Metalmark moths)
561.C48	Chrysopolomidae
561.C5	Citheroniidae (Royal moths)
561.C57	Cochylidae
561.C58	Coleophoridae (Casebearer moths)
561.C59	Cosmopterigidae
561.C6	Cossidae (Carpenterworm moths)
561.C73	Crambidae
561.C8	Ctenuchidae
561.C9	Cyclotornidae
561.D25	Dalceridae (Slug caterpillar moths; jewel caterpillar moths)
(561.D3)	Danaidae
	see QL561.N9
561.D5	Dipotidae
561.D6	Douglasiidae
561.D7	Drepanidae
561.E4	Elachistidae
561.E5	Endromidae
561.E74	Epermeniidae
561.E75	Epicopeiidae
561.E754	Epimarptidae
561.E757	Epipaschiidae

Invertebrates
Arthropoda
Insects
Lepidoptera (Butterflies; moths)
Systematic divisions. By family, A-Z -- Continued

561.E758	Epiplemidae
561.E759	Epipyropidae
561.E8	Eriocraniidae
561.E85	Ethmiidae
(561.E9)	Eucleidae
	see QL561.L54
561.E94	Eupterotidae
561.G3	Galleriidae (Wax moths)
561.G4	Gelechiidae
561.G6	Geometridae
561.G65	Glyphipterygidae
561.G7	Gracillariidae (Leafblotch miners)
561.H42	Heliconiidae
561.H44	Heliodinidae
561.H448	Heliozelidae (Shield bearers)
561.H47	Hepialidae
561.H5	Hesperiidae (Skippers)
561.H53	Heterogynidae
561.H9	Hyblaeidae
561.H97	Hyposmocomidae
561.I45	Immidae
561.I5	Incurvariidae
561.L3	Lasiocampidae (Tent-caterpillar moths)
561.L37	Lecithoceridae
561.L4	Lemoniidae
561.L5	Libytheidae
561.L54	Limacodidae (Slug caterpillar moths)
	Lithosiidae see QL561.A8
561.L8	Lycaenidae
561.L9	Lymantriidae (Tussock moths)
561.L95	Lyonetiidae
561.M4	Megalopygidae (Flannel moths)
561.M42	Megathymidae (Skippers)
561.M44	Metachandidae
561.M44	Metachandidae
561.M48	Micropterygidae
561.M5	Mimallonidae
561.M55	Mnesarchaeidae
561.M6	Morphidae
561.N38	Neopseustidae
561.N4	Nepticulidae
561.N7	Noctuidae (Owlet moths; underwings)
561.N74	Nolidae
561.N8	Notodontidae
561.N87	Nyctemeridae
561.N9	Nymphalidae (Brushfooted butterflies; milkweed butterflies)
561.O26	Ochsenheimeriidae
561.O43	Oecophoridae
	Oinophilidae see QL561.T55
561.O6	Olethreutidae
561.O7	Opostegidae

Invertebrates
Arthropoda
Insects
Lepidoptera (Butterflies; moths)
Systematic divisions. By family, A-Z -- Continued
Orenodidae see QL561.A48
561.O9 Oxychirotidae
561.O93 Oxytenididae
561.P17 Palaeosetidae
561.P18 Palaephatidae
561.P2 Papilionidae (Swallowtail butterflies)
Phaloniidae see QL561.C57
Phycitidae see QL561.P9
561.P48 Phyllocnistidae
561.P5 Pieridae
561.P55 Plutellidae (Diamondback moths)
561.P57 Prodoxidae (Yucca moths)
561.P58 Prototheoridae
561.P6 Psychidae (Bagworm moths)
561.P8 Pterophoridae (Plume moths)
561.P85 Pterothysanidae
561.P9 Pyralidae
561.P96 Pyromorphidae
561.R3 Ratardidae
561.R53 Ridiaschinidae
561.R56 Riodinidae
561.S2 Saturniidae (Giant silkworm moths)
561.S3 Satyridae
561.S35 Scythridae
561.S44 Sematuridae
561.S47 Sesiidae (Clearwing moths)
Setomorphidae see QL561.T55
561.S7 Sphingidae (Sphinx moths)
561.S8 Stenomidae
561.S87 Strepsimanidae
561.T46 Thyatiridae
561.T48 Thyrididae
561.T55 Tineidae (Clothes moths)
561.T56 Tineodidae
561.T58 Tischeriidae
561.T8 Tortricidae (Leaf-roller moths)
561.U7 Uraniidae
561.X9 Xylorictidae
561.Y7 Yponomeutidae (Ermine moths)
561.Z9 Zygaenidae (Leaf-skeletonizer moths)
562 Anatomy and morphology
562.2 Physiology
562.4 Behavior. Social life. Instinct
562.6 Ecology
Hymenoptera (Ants; bees; wasps; etc.)
Cf. SF521+ Bee culture
563 General works, treatises, and textbooks
564 Pictorial works and atlases
565 Popular works
565.2 Juvenile works
566 Classification

Invertebrates
Arthropoda
Insects
Hymenoptera (Ants; bees; wasps; etc.) -- Continued
566.2 Catalogs and collections
Geographical distribution
For geographical distribution of systematic divisions see QL568.A+
567 General works
567.1 North America (United States and Canada) (Table Q3)
567.2 Mexico, Central America, and West Indies (Table Q3)
567.3 South America (Table Q3)
567.4 Europe (Table Q3)
567.5 Asia (Table Q3)
567.6 Africa (Table Q3)
567.7 Australia
567.75 New Zealand
567.8 Pacific islands (Table Q3)
567.9 Arctic regions
567.95 Antarctica
567.96 Tropics
568.A-Z Systematic divisions. By family, A-Z
568.A17 Acorduleceridae
568.A23 Agaontidae (Fig wasps)
568.A24 Agriotypidae
568.A3 Alienidae
568.A34 Alysiidae
568.A344 Alyssonidae
568.A36 Ampulicidae
568.A38 Anacharitidae
568.A4 Andrenidae
568.A48 Anthoboscidae
568.A53 Anthophoridae
568.A55 Aphelinidae
568.A57 Aphidiidae
568.A6 Apidae (Bumblebees; honeybees; stingless bees)
568.A7 Apterogynidae
568.A77 Argidae
568.A8 Aspiceridae
568.A9 Aulacidae
568.B36 Belytidae
Bembicidae see QL568.S7
568.B4 Bethylidae
568.B5 Blasticotomidae
568.B8 Braconidae
568.B83 Bradynobaenidae
568.C373 Cephidae (Stem sawflies)
568.C375 Ceraphronidae
568.C377 Cerceridae
568.C4 Chalcididae
568.C44 Charipidae
568.C47 Chrysididae (Cuckoo wasps)
568.C5 Cimbicidae
568.C55 Cleonymidae
568.C56 Cleptidae
568.C6 Colletidae
568.C7 Crabronidae

Invertebrates
Arthropoda
Insects
Hymenoptera (Ants; bees; wasps; etc.)
Systematic divisions. By family, A-Z -- Continued

568.C9 Cynipidae (Gall wasps)
568.D44 Diapriidae
568.D47 Dimorphidae
568.D5 Diprionidae (Conifer sawflies)
568.D7 Dryinidae
568.E4 Elasmidae
568.E5 Embolemidae
568.E6 Encyrtidae
568.E75 Eucharididae
568.E77 Eucoilidae
568.E8 Eulophidae
568.E84 Eumenidae
568.E845 Eupelmidae
568.E85 Eurytomidae
568.E9 Evaniidae (Ensign wasps)
568.F47 Fideliidae
568.F5 Figitidae
568.F7 Formicidae (Ants)
568.G3 Gasteruptionidae
568.G6 Gorytidae
568.H3 Halictidae (Sweat bees)
568.H4 Heloridae
568.I15 Ibaliidae
568.I2 Ichneumonidae
568.L3 Larridae
568.L47 Leptofoenidae
568.L49 Leucospididae
568.L56 Liopteridae
(568.M3) Masaridae
see QL568.V5
568.M4 Megachilidae (Leaf-cutting bees)
568.M44 Megalodontidae
568.M45 Megalyridae
(568.M456) Meliponidae
see QL568.A6
568.M46 Melittidae
568.M466 Mellinidae
568.M48 Methocidae
568.M55 Miscogastridae
568.M56 Miscophidae
568.M6 Monomachidae
568.M8 Mutillidae (Velvet ants)
568.M94 Mymaridae (Fairyflies)
568.M944 Mymarommatidae
568.M97 Myrmosidae
568.N9 Nyssonidae
568.O25 Oberthuerellidae
568.O74 Ormyridae
568.O78 Orussidae (Parasitic wood wasps)
Oryssidae see QL568.O78
568.O8 Oxaeidae

Invertebrates
Arthropoda
Insects
Hymenoptera (Ants; bees; wasps; etc.)
Systematic divisions. By family, A-Z -- Continued
568.O9 Oxybelidae
568.P3 Pamphiliidae (Web-spinning sawflies)
568.P43 Pelecinidae
Pemphredonidae see QL568.S7
568.P474 Pergidae
568.P475 Perilampidae
568.P5 Philanthidae
568.P55 Platygastridae
568.P58 Plumariidae
568.P6 Pompilidae (Spider wasps)
568.P9 Proctotrypidae
568.P94 Pteromalidae
568.P945 Pterostigmatidae
568.R4 Rhopalosomatidae
568.R6 Roproniidae
568.S2 Sapygidae
568.S3 Scelionidae
568.S34 Sclerogibbidae
568.S38 Scoliidae
568.S5 Sierolomorphidae
568.S57 Siricidae (Horntails)
568.S7 Sphecidae
568.S8 Stephanidae
568.S85 Stizidae
568.S96 Syntexidae
568.T3 Tenthredinidae (Sawflies)
568.T34 Tetracampidae
568.T4 Thynnidae
568.T5 Tiphiidae
568.T6 Torymidae
568.T7 Trichogrammatidae
568.T74 Trigonalidae
568.T79 Trypoxylidae
568.V3 Vanhorniidae
568.V5 Vespidae (Hornets, etc.)
568.X5 Xiphydriidae (Wood wasps)
568.X7 Xyelidae
569 Anatomy and morphology
569.2 Physiology
569.4 Behavior. Social life. Instinct
Anoplura (Sucking lice)
570 General works, treatises, and textbooks
Geographical distribution
For geographical distribution of systematic divisions see QL570.3.A+
570.15 General works
570.2 North America (United States and Canada) (Table Q3)
570.22 Mexico, Central America, and West Indies (Table Q3)
570.23 South America (Table Q3)
570.24 Europe (Table Q3)
570.25 Asia (Table Q3)
570.26 Africa (Table Q3)

Invertebrates
Arthropoda
Insects
Anoplura (Sucking lice)
Geographical distribution -- Continued
570.27 Australasia and Indo-Pacific islands (Table Q3)
570.28 Polar regions (Table Q3)
570.29 Tropics (Table Q3)
570.3.A-Z Systematic divisions. By family, A-Z
570.3.E3 Echinophthiriide
570.3.H34 Haematomyzidae
570.3.H37 Haematopinidae
570.3.H38 Haematopinoididae
570.3.H64 Hoplopleuridae
570.3.N4 Neolignathidae
570.3.P4 Pediculidae
570.3.P5 Phthiriidae
Coleoptera (Beetles)
571 Periodicals, societies, congresses, serial publications
572 Collected works (nonserial)
573 General works, treatises, and textbooks
575 Pictorial works and atlases
576 Popular works
576.2 Juvenile works
577 Classification
577.2 Catalogs and collections
Geographical distribution
For geographical distribution of systematic divisions see QL596.A+
578 General works
580 America
North America
581 General works
United States
583 General works
584.A-Z By region or state, A-Z
585 Canada
Latin America
585.5 General works
586 Mexico
587 Central America (Table Q3)
588 West Indies (Table Q3)
589 South America (Table Q3)
591 Europe (Table Q3)
592 Asia (Table Q3)
593 Africa (Table Q3)
594 Australia
594.5 New Zealand
595 Pacific islands (Table Q3)
595.2 Arctic regions
595.4 Antarctica
595.6 Tropics
596.A-Z Systematic divisions. By family, A-Z
596.A23 Acanthoceridae
596.A27 Aculognathidae
596.A3 Aderidae
596.A37 Aegialiidae

Invertebrates
Arthropoda
Insects
Coleoptera (Beetles)
Systematic divisions. By family, A-Z -- Continued

596.A4	Aglycyderidae
596.A42	Alleculidae
596.A43	Alticidae
596.A45	Amphizoidae
596.A5	Anobiidae
596.A62	Anthicidae (Antlike flower beetles)
596.A63	Anthribidae (Fungus weevils)
596.A64	Aphodiidae
596.A8	Atractoceridae
596.A83	Attelabidae
596.B5	Bostrichidae (False powerpost beetles)
596.B52	Bothrideridae
596.B54	Brachypteridae
596.B58	Brachyspectridae
596.B6	Brathinidae
596.B65	Brentidae
596.B7	Bruchidae (Seed beetles)
596.B8	Buprestidae (Metallic wood borers)
596.B97	Byrrhidae
596.B98	Byturidae (Fruitworm beetles)
596.C15	Cantharidae (Soldier beetles)
596.C2	Carabidae (Ground beetles)
	Cassididae see QL596.C5
596.C28	Catopochrotidae
596.C3	Cebrionidae
596.C37	Cephaloidae
596.C4	Cerambycidae
596.C415	Ceratocanthidae
596.C42	Cerophytidae
596.C43	Cetoniidae
596.C45	Chapuisiidae
596.C46	Chelonariidae
596.C48	Chlamisidae
596.C5	Chrysomelidae (Leaf beetles)
596.C56	Cincindelidae (Tiger beetles)
596.C6	Ciidae
596.C613	Cistelidae
596.C617	Clambidae
596.C618	Clavigeridae
596.C62	Cleridae (Checkered beetles)
596.C64	Clytridae
596.C65	Coccinellidae (Lady beetles)
596.C66	Colydiidae. Colydiinae (Cylindrical bark beetles)
596.C667	Corylophidae
596.C67	Corynetidae
596.C68	Cossyphodidae
596.C7	Crioceridae
596.C77	Cryptocephalidae
596.C78	Cryptophagidae
596.C8	Cucujidae (Flat-bark beetles)
596.C85	Cupidae

Invertebrates
Arthropoda
Insects
Coleoptera (Beetles)
Systematic divisions. By family, A-Z -- Continued

596.C9	Curculionidae (Snout beetles)
596.C93	Cyathoceridae
596.C933	Cybocephalidae
596.C94	Cyladidae
596.D37	Dascyllidae
596.D375	Dasytidae
596.D4	Dermestidae
596.D42	Derodontidae
596.D57	Diphyllidae
596.D58	Discolomidae
596.D59	Disteniidae
596.D6	Donaciidae
596.D67	Drilidae
596.D7	Dryopidae
596.D85	Dynastidae
596.D9	Dytiscidae (Predaceous diving beetles)
596.E3	Ectrephidae
596.E38	Elacatidae
596.E4	Elateridae (Click beetles)
596.E45	Elmidae
596.E5	Endomychidae
596.E7	Erotylidae
596.E76	Euchiridae
596.E77	Eucinetidae
596.E8	Eucnemidae
596.E84	Euglenidae
596.E85	Eumolpidae
596.E87	Eurystethidae
596.G3	Galerucidae
596.G47	Georyssidae
596.G48	Geotrupidae
596.G5	Glaphyridae
596.G6	Gnostidae
596.G8	Gyrinidae (Whirligig beetles)
596.H2	Haliplidae
596.H38	Helodidae
596.H4	Helotidae
596.H43	Hemipeplidae
596.H45	Heteroceridae
596.H48	Hispidae
596.H5	Histeridae (Hister beetles)
596.H78	Hybosoridae
596.H79	Hydraenidae
596.H8	Hydrophilidae (Water scavenger beetles)
596.H85	Hydroscaphidae
596.H9	Hygrobiidae
596.H95	Hypocephalidae
596.I7	Ipidae
596.J3	Jacobsoniidae
596.L23	Lagriidae
596.L25	Lamiidae

Invertebrates
Arthropoda
Insects
Coleoptera (Beetles)
Systematic divisions. By family, A-Z -- Continued

596.L27	Lamprosomatidae
596.L28	Lampyridae (Fireflies)
596.L29	Languriidae
596.L3	Lathridiidae
596.L35	Leiodidae (Round fungus beetles)
596.L4	Leptinidae
596.L43	Leptodiridae
596.L55	Limnichidae
596.L58	Limulodidae
596.L8	Lucanidae (Stag beetles)
596.L9	Lycidae (Netwinged beetles)
596.L92	Lyctidae (Powderpost beetles)
596.L94	Lyxmexylidae (Timber beetles)
596.M2	Malachiidae
596.M3	Megalopodidae
596.M34	Megascelidae
	Melasidae see QL596.E8
596.M38	Meloidae (Blister beetles)
596.M4	Melolonthidae (Cockchafers)
596.M43	Melyridae
596.M47	Micromalthidae
596.M5	Micropeplidae
596.M53	Monoedidae
	Monommatidae see QL596.Z66
596.M57	Monotomidae
596.M6	Mordellidae (Tumbling flower beetles)
596.M8	Murmidiidae
596.M9	Mycetaeidae
596.M92	Mycetophagidae (Hairy fungus beetles)
596.N4	Nemonychidae
596.N54	Nilionidae
596.N57	Niponiidae
596.N58	Nitidulidae (Sap beetles)
596.N6	Nosodendridae
596.O25	Ochodaeidae
596.O4	Oedemeridae
596.O67	Orphnidae
596.O7	Orthoperidae
	Ostomatidae see QL596.T8
596.P13	Pachypodidae
596.P17	Parandridae
596.P2	Passalidae
596.P25	Passandridae
596.P3	Pedilidae
596.P38	Petriidae
596.P4	Phaenocephalidae
596.P42	Phaenomeridae
596.P46	Phalacridae (Shining fungus beetles)
596.P47	Phenogodidae (Glowworms)
596.P5	Plastoceridae
596.P6	Platypodidae

Invertebrates
Arthropoda
Insects
Coleoptera (Beetles)
Systematic divisions. By family, A-Z -- Continued

596.P62	Platypsyllidae
596.P63	Pleocomidae
596.P7	Prionidae
596.P75	Proterhinidae
596.P8	Pselaphidae
596.P815	Psephenidae
596.P83	Ptiliidae
596.P85	Ptinidae (Spider beetles)
596.P96	Pyrochroidae
596.P98	Phthidae
596.R4	Rhipiceridae
596.R485	Rhipiphoridae
596.R5	Rhizophagidae
596.R57	Rhysodidae
596.R8	Rutelidae
596.S23	Sagridae
596.S28	Scaphidiidae
596.S3	Scarabaeidae (Scarabs)
596.S35	Scolytidae (Bark beetles)
596.S353	Scolytoplatypodidae
596.S38	Scraptiidae
596.S4	Scydmaenidae
596.S45	Serropalpidae
596.S49	Silvanidae
596.S5	Silphidae (Carrion beetles)
596.S53	Sinodendridae
596.S6	Smicripidae
596.S65	Sphaeriidae
596.S66	Sphaeritidae
596.S68	Sphaerosomatidae
596.S7	Sphindidae
596.S75	Staphylinidae (Rove beetles)
596.S9	Synteliidae
596.T16	Telegeusidae
596.T2	Tenebrionidae (Darkling beetles)
596.T27	Tetratomidae
596.T35	Thorictidae
596.T4	Throscidae
596.T7	Trichiidae
	Trichopterygidae see QL596.P83
596.T75	Trictenotomidae
596.T78	Trogidae
596.T8	Trogositidae
596.U75	Urodontidae
596.V47	Vesperidae
596.Z66	Zopheridae (Ironclad beetles)
597	Anatomy and morphology
597.2	Physiology
	Thysanoptera (Thrips)
598	General works, treatises, and textbooks

Invertebrates
Arthropoda
Insects
Thysanoptera (Thrips) -- Continued
Geographical distribution
For geographical distribution of systematic divisions see QL598.3.A+
598.15 General works
598.2 North America (United States and Canada) (Table Q3)
598.22 Mexico, Central America, and West Indies (Table Q3)
598.23 South America (Table Q3)
598.24 Europe (Table Q3)
598.25 Asia (Table Q3)
598.26 Africa (Table Q3)
598.27 Australasia and Indo-Pacific islands (Table Q3)
598.28 Polar regions
598.29 Tropics
598.3.A-Z Systematic divisions. By family, A-Z
598.3.A4 Aeolothripidae
598.3.C4 Ceratothripidae
598.3.C5 Chirothripoididae
598.3.E3 Ecacanthothripidae
598.3.E8 Eupatithripidae
598.3.F7 Franklinothripidae
598.3.H4 Heterothripidae
598.3.H9 Hystrichothripidae
598.3.I3 Idolothripidae
598.3.M44 Megathripidae
598.3.M45 Melanothripidae
598.3.M47 Merothripidae
598.3.M9 Mymarothripidae
598.3.O7 Orothripidae
598.3.P3 Panchaetothripidae
598.3.P45 Phlaeothripidae
598.3.P5 Phloeothripidae
598.3.P9 Pygothripidae
598.3.T4 Thripidae
598.3.U7 Urothripidae
598.4 Anatomy and morphology
598.42 Physiology
Mecoptera (Scorpionflies)
598.5 General works, treatises, and textbooks
Geographical distribution
For geographical distribution of systematic divisions see QL598.7.A+
598.52 General works
598.6 North America (United States and Canada) (Table Q3)
598.62 Mexico, Central America, and West Indies (Table Q3)
598.63 South America (Table Q3)
598.64 Europe (Table Q3)
598.65 Asia (Table Q3)
598.66 Africa (Table Q3)
598.67 Australasia and Indo-Pacific islands (Table Q3)
598.68 Polar regions
598.69 Tropics
598.7.A-Z Systematic divisions. By family, A-Z
598.7.B5 Bittacidae
598.7.B6 Boreidae

Invertebrates
Arthropoda
Insects
Mecoptera (Scorpionflies)
Systematic divisions. By family, A-Z -- Continued
598.7.M4 Meropeidae
598.7.N6 Notiothaumidae
598.7.P3 Panorpidae
598.8 Anatomy and morphology
598.82 Physiology
Strepsiptera (Twisted-winged parasites)
599 General works, treatises, and textbooks
Geographical distribution
For geographical distribution of systematic divisions see QL599.3.A+
599.15 General works
599.2 North America (United States and Canada) (Table Q3)
599.22 Mexico, Central America, and West Indies (Table Q3)
599.23 South America (Table Q3)
599.24 Europe (Table Q3)
599.25 Asia (Table Q3)
599.26 Africa (Table Q3)
599.27 Australasia and Indo-Pacific islands (Table Q3)
599.28 Polar regions
599.29 Tropics
599.3.A-Z Systematic divisions. By family, A-Z
599.3.C32 Callipharixenidae
599.3.E4 Elenchidae
599.3.H3 Halictophagidae
599.3.M45 Mengeidae
599.3.M46 Mengenillidae
599.3.M9 Myrmecolacidae
599.3.S85 Stichotrematidae
599.3.S89 Stylopidae
599.4 Anatomy and morphology
599.42 Physiology
Siphonaptera (Fleas)
599.5 General works, treatises, and textbooks
Geographical distribution
For geographical distribution of systematic divisions see QL599.7.A+
599.52 General works
599.6 North America (United States and Canada) (Table Q3)
599.62 Mexico, Central America, and West Indies (Table Q3)
599.63 South America (Table Q3)
599.64 Europe (Table Q3)
599.65 Asia (Table Q3)
599.66 Africa (Table Q3)
599.67 Australasia and Indo-Pacific islands (Table Q3)
599.68 Polar regions
599.69 Tropics
599.7.A-Z Systematic divisions. By family, A-Z
599.7.C47 Ceratophyllidae
599.7.D6 Dolichopsyllidae
599.7.H4 Hectopsyllidae
599.7.H9 Hystrichopsyllidae
599.7.I3 Ischnopsyllidae
599.7.P8 Pulicidae

Invertebrates
Arthropoda
Insects
Siphonaptera (Fleas)
Systematic divisions. By family, A-Z -- Continued
599.7.S8 Stephanocircidae
599.7.T8 Tungidae
599.8 Anatomy and morphology
599.82 Physiology
Chordates. Vertebrates
For behavior see QL750+
For anatomy see QL801+
For physiology see QP1+
605.A1 Periodicals, societies, congresses, serial publications
605.A2 Collected works (nonserial)
605.A3-Z General works, treatises, and textbooks
605.2 Popular works
605.3 Juvenile works
605.4 Dictionaries and encyclopedias
Rare and endangered species see QL81.5+
606 Introduced vertebrates
For local see QL606.5+
Geographical distribution
For geographical distribution of systematic divisions, see the division, e.g. QL619+, Fishes
606.5 General works
606.52 North America (United States and Canada) (Table Q3)
606.53 Mexico, Central America, and West Indies (Table Q3)
606.54 South America (Table Q3)
606.55 Europe (Table Q3)
606.56 Asia (Table Q3)
606.57 Africa (Table Q3)
606.58 Australasia and Indo-Pacific islands (Table Q3)
Arctic regions
606.59 General works
606.592 Bering Land Bridge Region. Beringia
606.594 Greenland
606.597 Antarctica
606.6 Tropics
607 Classification
607.2 Catalogs and collections
607.5 Evolution (General)
607.6 Population dynamics
607.9 Collection and preservation
Protochordata
610 General works
611 Cephalochordata
612 Hemichordata
613 Urochordata (Tunicata)
Fishes
Cf. SH1+ Fish culture, fisheries, angling
614 Periodicals, societies, congresses, serial publications
614.5 Collected works (nonserial)
614.7 Dictionaries and encyclopedias
Communication of information
614.73 General works
614.74 Information services

Chordates. Vertebrates
Fishes
Communication of information -- Continued
614.75 Computer network resources
Including the Internet
History of ichthyology
614.8 General works
614.83.A-Z By region or country, A-Z
Biography of ichthyologists see QL26+
614.9 Directories
615 General works, treatises, and textbooks
616 Pictorial works and atlases
617 Popular works
617.2 Juvenile works
Rare and endangered species
617.7 General works
617.73.A-Z By region or country, A-Z
618 Classification. Nomenclature
618.15 Catalogs and collections
618.2 Evolution. Speciation
618.3 Population dynamics
Study and teaching. Research
618.5 General works
618.55 Fish watching
For fish watching in individual regions or countries, see QL620+
618.6 Collection and preservation. Fish mounting
Cf. SH338+ Fisheries museums and exhibitions
618.65 Fish surveys
For fish surveys in individual regions or countries, see QL620+
618.7 Poisonous fishes. Dangerous fishes
Cf. QL638.93 Shark attacks
Geographical distribution
For geographical distribution of systematic divisions see QL637.9+
619 General works
Physiographic divisions
Marine fishes
For marine fishes of a particular coast see QL625+
620 General works
620.2 Circumpolar
Cf. QL637 Arctic Ocean
Cf. QL637.2 Antarctic Ocean
620.4 Circumtropical
620.45 Coral reefs
620.6 Intertidal fishes
Atlantic Ocean
Cf. QL632.5 Atlantic Ocean islands
621 General works
North Atlantic
621.2 General works
Eastern North Atlantic
Including the coast of Europe
621.3 General works
621.32 Greenland Sea
621.34 Norwegian Sea
621.35 Baltic Sea
Including the Gulf of Bothnia

Chordates. Vertebrates
Fishes
Geographical distribution
Physiographic divisions
Marine fishes
Atlantic Ocean
North Atlantic
Eastern North Atlantic -- Continued
621.36 Kattegat. Skagerrak
621.37 North Sea
621.38 English Channel
621.39 Irish Sea
621.395 Biscay, Bay of
Mediterranean Sea
621.4 General works
621.42 Adriatic Sea
621.44 Aegean Sea
621.46 Black Sea
Western North Atlantic
Including the coast of North America
621.5 General works
621.52 Baffin Bay
621.53 Davis Strait
621.54 Newfoundland Banks
621.56 Gulf of Mexico
621.58 Caribbean Sea
Central Atlantic. Tropical Atlantic
621.6 General works
621.62 Eastern Central Atlantic
621.65 Western Central Atlantic
South Atlantic
621.7 General works
Eastern South Atlantic
Including the coast of Africa
621.72 General works
621.75 Gulf of Guinea
621.77 Western South Atlantic
Including the coast of South America
Indian Ocean
Cf. QL636.7 Indian Ocean islands
622 General works
North Indian Ocean
622.2 General works
Arabian Sea
622.3 General works
622.32 Persian Gulf
622.34 Red Sea
622.36 Gulf of Aden
Bay of Bengal
622.4 General works
622.45 Andaman Sea
South Indian Ocean
622.5 General works
622.55 Mozambique Channel
Pacific Ocean
Cf. QL636.5 Pacific islands

Chordates. Vertebrates
Fishes
Geographical distribution
Physiographic divisions
Marine fishes
Pacific Ocean -- Continued
623 General works
North Pacific
623.2 General works
623.3 Bering Sea
Eastern North Pacific
Including the coast of North America
623.4 General works
623.45 Gulf of Alaska
Western North Pacific
Including the coast of Asia
623.5 General works
623.52 Okhotsk Sea
623.53 Japan Sea
623.54 Yellow Sea
China Sea
623.548 General works
623.55 East China Sea
623.56 South China Sea
623.58 Philippine Sea
623.59 Tonkin, Gulf of
623.6 Central Pacific. Tropical Pacific
South Pacific
623.7 General works
623.8 Eastern South Pacific
Including the coast of South America
Western South Pacific
Including Australasia
623.9 General works
623.92 Java Sea
623.94 Coral Sea
623.96 Tasman Sea
623.98 Indo-Pacific region
Arctic Ocean see QL637
Antarctic Ocean see QL637.2
624 Freshwater fishes
Class here general works only
For fishes of a particular area see QL625+
Topographic divisions
North America
625 General works
625.5 Great Lakes
Canada
626 General works
626.5.A-Z By region or province, A-Z
United States
627 General works
628.A-Z By region or state, A-Z
Cf. QL636.5 Hawaii
Latin America
628.5 General works

Chordates. Vertebrates
Fishes
Geographical distribution
Topographic divisions
Latin America -- Continued
629 Mexico
630 Central America (Table Q3)
631 West Indies (Table Q3)
632 South America (Table Q3)
632.5 Atlantic Ocean islands (Table Q3)
633 Europe (Table Q3)
634 Asia (Table Q3)
635 Africa (Table Q3)
Australia
636 General works
636.15.A-Z By state, territory, or region, A-Z
636.2 New Zealand
636.5 Pacific islands (Table Q3)
636.7 Indian Ocean islands (Table Q3)
637 Arctic regions
Including the Arctic Ocean
637.2 Antarctica
Including the Antarctic Ocean
637.5 Tropics
Systematic divisions
637.9.A-Z Osteichthys (Bony fishes). By order, A-Z
Class species, genera, and families in QL638
Class single-family orders with family in QL638
For general works and works on higher groups of bony fishes, except dipnoid and ganoid fishes see QL615
For general works on dipnoid and ganoid fishes see QL638.3
637.9.A3 Acipenseriformes
Amiiformes see QL638.A37
637.9.A5 Anguilliformes (Eels)
637.9.A8 Atheriniformes
637.9.A93 Aulopiformes
Batrachoidiformes see QL638.B3
637.9.B36 Beloniformes
637.9.B4 Beryciformes
Ceratodontiformes see QL638.C356
637.9.C35 Cetomimiformes
Channiformes see QL638.C486
637.9.C38 Characiformes
637.9.C4 Clupeiformes
Coelacanthiformes see QL638.L26
Ctenothrissiformes see QL638.M13
637.9.C9 Cypriniformes
637.9.C95 Cyprinodontiformes
637.9.D3 Dactylopteriformes
637.9.D5 Dipteriformes
637.9.E4 Elopiformes
637.9.G3 Gadiformes
637.9.G37 Gasterosteiformes
Gobiesociformes see QL638.G6
637.9.G6 Gonorynchiformes
637.9.G94 Gymnotiformes

Chordates. Vertebrates
Fishes
Systematic divisions
Osteichthys (Bony fishes). By order, A-Z -- Continued

637.9.L3	Lampridiformes
	Lepisosteiformes see QL638.L4
637.9.L6	Lophiiformes
637.9.M6	Mormyriformes
637.9.M93	Myctophiformes
637.9.N6	Notacanthiformes
637.9.O63	Ophidiiformes
637.9.O76	Osmeriformes
637.9.O8	Osteoglossiformes
	Pegasiformes see QL638.P32
637.9.P46	Perciformes
637.9.P47	Percopsiformes
637.9.P5	Pleuronectiformes
	Polypteriformes see QL638.P76
637.9.S3	Salmoniformes
637.9.S35	Scorpaeniformes
637.9.S5	Siluriformes
637.9.S9	Synbranchiformes
637.9.T4	Tetraodontiformes
637.9.Z4	Zeiformes
638.A-Z	Osteichthyes (Bony fishes). By family, A-Z
	Class here works on species, genera, and families
638.A15	Acanthoclinidae
638.A2	Acanthuridae (Surgeonfishes)
638.A25	Acipenseridae (Sturgeons)
638.A27	Acropomatidae
638.A29	Adrianichthyidae
638.A3	Ageneiosidae
638.A316	Agonidae (Poachers)
638.A32	Akysidae
	Alabetidae see QL638.G6
638.A335	Albulidae (Bonefishes)
638.A34	Alepisauridae (Lancetfishes)
638.A35	Alepocephalidae
638.A36	Amarsipidae
638.A364	Amblycipitidae
638.A366	Amblyopsidae (Cavefishes)
638.A37	Amiidae (Bowfins)
638.A4	Ammodytidae (Sand lances)
638.A44	Amphiliidae
638.A47	Amphipnoidae
638.A5	Anabantidae
638.A53	Anablepidae
638.A54	Anarhichadidae (Wolffishes)
638.A55	Anguillidae (Freshwater eels)
	Anisochromidae see QL638.P84
638.A556	Anomalopidae
638.A56	Anoplogasteridae
638.A567	Anoplopomatidae (Sablefishes)
638.A568	Anostomidae
638.A57	Anotopteridae (Daggertooths)
638.A577	Antennariidae (Frogfishes)

Chordates. Vertebrates
Fishes
Systematic divisions
Osteichthys (Bony fishes). By family, A-Z -- Continued

638.A6	Aoteidae
638.A63	Aphredoderidae (Pirate perches)
638.A64	Aploactinidae
638.A642	Aplocheilidae
638.A643	Aplochitonidae
638.A65	Aplodactylidae
638.A7	Apogonidae (Cardinalfishes)
638.A73	Apteronotidae
	Arapaimidae see QL638.O88
638.A75	Argentinidae
638.A755	Ariidae (Sea catfishes)
638.A77	Arripidae
638.A78	Aspredinidae
638.A785	Astroblepidae
638.A788	Astronesthidae
638.A79	Ateleopodidae
638.A8	Atherinidae (Silversides)
638.A83	Auchenipteridae
638.A84	Aulopodidae
638.A844	Aulorhynchidae
638.A848	Aulostomidae (Trumpetfishes)
638.B13	Bagridae
638.B15	Balistidae (Triggerfishes; filefishes)
638.B153	Balitoridae (Hillstream loaches)
638.B155	Banjosidae
638.B17	Barbourisiidae
638.B18	Bathyclupeidae
638.B2	Bathydraconidae
638.B23	Bathylaconidae
638.B25	Bathylagidae (Deepsea smelts)
638.B26	Bathymasteridae (Ronquils)
638.B27	Bathypteroidae
638.B3	Batrachoididae (Toadfishes)
638.B34	Belonidae (Needlefishes)
638.B347	Belontiidae
638.B4	Berycidae
638.B6	Blenniidae (Combtooth blennies)
638.B65	Bothidae (Lefteye flounders)
638.B67	Bovichthyidae
638.B7	Bracionichthyidae (Handfishes)
638.B8	Bramidae (Pomfrets)
638.B83	Branchiostegidae (Tilefishes)
638.B85	Bregmacerotidae (Codlets)
638.C12	Caesionidae
638.C14	Callichthyidae
638.C15	Callionymidae (Dragonets)
638.C2	Caproidae (Boarfishes)
638.C23	Caracanthidae
638.C25	Carangidae (Jacks; pompanos)
638.C26	Carapidae (Pearlfishes)
638.C265	Caristiidae
638.C27	Catostomidae (Suckers)

Chordates. Vertebrates
Fishes
Systematic divisions
Osteichthys (Bony fishes). By family, A-Z -- Continued

638.C28	Caulophrynidae
638.C3	Centrarchidae (Sunfishes)
638.C32	Centriscidae (Snipefishes)
638.C326	Centrolophidae
638.C33	Centrophrynidae
638.C34	Centropomidae (Snooks)
638.C347	Cepolidae
638.C35	Ceratiidae (Seadevils)
638.C356	Ceratodontidae
638.C36	Cetomimidae
638.C37	Cetopsidae
638.C385	Chacidae
638.C4	Chaenopsidae
638.C48	Chaetodontidae (Butterflyfishes)
638.C483	Champsodontidae
638.C484	Chanidae
638.C485	Channicthyidae
638.C486	Channidae
638.C5	Characidae (Characins; tetras)
638.C53	Chaudhuriidae
638.C534	Chauliodontidae (Viperfishes)
638.C5344	Chaunacidae
638.C536	Cheilodactylidae
638.C5365	Cheimarrhichthyidae
638.C54	Chiasmodontidae
638.C544	Chilodontidae
638.C547	Chironemidae
638.C549	Chlorophthalmidae (Greeneyes)
638.C55	Cichlidae (Cichlids)
638.C577	Cirrhitidae (Hawkfishes)
638.C578	Citharidae
638.C5785	Citharinidae
638.C6	Clariidae (Airbreathing catfishes)
638.C63	Clinidae (Clinids; blennies)
638.C64	Clupeidae (Herrings)
638.C647	Cobitidae (Loaches)
(638.C65)	Coelacanthidae
	see QL638.L26
638.C6535	Colocongridae
638.C654	Comephoridae
638.C655	Congiopodidae
638.C66	Congridae (Conger eels)
638.C666	Congrogadidae
638.C7	Coracinidae
	Coregonidae see QL638.S2
638.C795	Coryphaenidae (Dolphinfishes)
	Coryphaenoididae see QL638.M2
638.C8	Cottidae (Sculpins)
638.C816	Cottocomephoridae
638.C818	Cottunculidae
638.C83	Cranoglanididae
638.C84	Creediidae

Chordates. Vertebrates
Fishes
Systematic divisions
Osteichthys (Bony fishes). By family, A-Z -- Continued

638.C88	Ctenoluciidae
638.C89	Curimatidae
638.C9	Cyclopteridae (Lumpsuckers; snailfishes)
638.C914	Cyemidae
638.C92	Cynodontidae
638.C93	Cynoglossidae (Tonguefishes)
638.C94	Cyprinidae (Minnows; carps)
638.C96	Cyprinodontidae (Killifishes)
638.D3	Dactylopteridae (Flying gurnards)
638.D35	Dactyloscopidae (Sand stargazers)
638.D4	Denticipitidae
638.D47	Derichthyidae
638.D5	Diceratiidae
638.D56	Diodontidae (Porcupinefishes)
638.D57	Diplomystidae
638.D577	Diretmidae
638.D58	Distichodontidae
638.D6	Doradidae
638.D73	Drepaneidae (Sicklefishes)
	Dummumieriidae see QL638.C64
638.D93	Dysommidae (Arrowtooth eels)
638.D95	Dysomminidae
638.E2	Echeneidae (Remoras)
638.E34	Electrophoridae (Electric eel)
638.E4	Elopidae (Ladyfishes, etc.)
638.E5	Embiotocidae (Surfperches)
638.E53	Emmelichthyidae (Bonnetmouths)
638.E55	Engraulidae (Anchovies)
638.E556	Enoplosidae
638.E6	Ephippidae (Spadefishes)
638.E62	Epigonidae (Deepwater cardinalfishes)
638.E65	Erythrinidae
638.E7	Esocidae (Pikes)
638.E8	Eurypharyngidae
638.E83	Eutaeniophoridae
638.E87	Evermannellidae
638.E9	Exocoetidae (Flying fishes)
	Fierasferidae see QL638.C26
638.F5	Fistulariidae (Cornetfishes)
638.F6	Formionidae
638.F86	Fundulidae
638.G2	Gadidae (Codfishes)
638.G23	Gadopsidae
638.G25	Galaxiidae
638.G266	Gasteropelecidae
638.G27	Gasterosteidae (Sticklebacks)
638.G4	Gempylidae (Snake mackerels)
638.G43	Gerridae (Mojarras)
638.G45	Gibberichthyidae
638.G455	Gigantactinidae
638.G5	Giganturidae
638.G55	Glaucosomitidae (Pearl perches)

Chordates. Vertebrates
Fishes
Systematic divisions
Osteichthys (Bony fishes). By family, A-Z -- Continued

638.G6	Gobiesocidae (Clingfishes)
638.G7	Gobiidae (Gobies)
638.G73	Gobioididae
638.G75	Gonorynchidae
638.G8	Gonostomatidae (Lightfishes)
638.G82	Goodeidae
638.G843	Grammicolepididae
638.G844	Grammatidae
638.G848	Grammistidae (Soapfishes)
638.G85	Gregoryinidae
638.G87	Gymnarchidae
	Gymnodontidae see QL638.T32
638.G9	Gymnotidae
638.G95	Gyrinocheilidae
638.H23	Haemulidae (Grunts)
638.H25	Halosauridae
638.H28	Harpagiferidae
638.H3	Harpodontidae
638.H444	Helogeneidae
638.H448	Helostomatidae
638.H45	Hemiodontidae
638.H46	Hemiramphidae (Halfbeaks)
638.H47	Hepsetidae
638.H484	Heterenchelyidae
638.H486	Heteropneustidae
638.H49	Hexagrammidae (Greenlings)
638.H54	Himantolophidae (Footballfishes)
638.H56	Hiodontidae (Mooneyes)
638.H64	Holocentridae (Squirrelfishes)
(638.H66)	Homalopteridae
	see QL638.B153
638.H67	Hoplichthyidae
638.H68	Horaichthyidae
638.H93	Hypophthalmidae
638.H935	Hypoptychidae
638.I13	Icelidae
638.I15	Ichthyboridae
638.I23	Icosteidae (Ragfishes)
638.I3	Ictaluridae (Freshwater catfishes)
638.I35	Idiacanthidae
638.I4	Indostomidae
638.I6	Ipnopidae
638.I86	Isonidae
638.I88	Istiophoridae (Billfishes)
638.J4	Jenynsiidae
638.K3	Kasidoridae
638.K5	Kneriidae
638.K6	Korsogasteridae
638.K7	Kraemeriidae
638.K8	Kuhliidae
638.K87	Kurtidae
638.K9	Kyphosidae (Sea chubs)

Chordates. Vertebrates
Fishes
Systematic divisions
Osteichthys (Bony fishes). By family, A-Z -- Continued

638.L115	Labracoglossidae
638.L12	Labridae (Wrasses)
638.L2	Lacteriidae
638.L24	Lampridae (Opahs)
638.L26	Latimeriidae
638.L28	Latridae
638.L3	Lebiasinidae
638.L35	Leiognathidae
638.L37	Lepidosirenidae
638.L4	Lepisosteidae (Gars)
638.L47	Leptoscopidae
638.L48	Lethrinidae
638.L5	Limnichthyidae
638.L55	Linophrynidae
	Liparidae see QL638.C9
638.L57	Lipogenidae
638.L6	Lobotidae (Tripletails)
638.L75	Lophiidae (Goosefishes)
638.L77	Lophotidae (Crestfishes)
638.L785	Loricariidae (Armored catfishes)
638.L8	Luciocephalidae
638.L9	Lutjanidae (Snappers)
638.L95	Luvaridae (Louvars)
638.M13	Macristiidae
638.M16	Macrocephenchelyidae
638.M165	Macrorhamphosidae
638.M2	Macrouridae (Grenadiers)
638.M22	Macrurocyttidae
638.M24	Malacosteidae
638.M246	Malapteruridae
638.M28	Mastacembelidae
638.M33	Megalopidae (Tarpon)
638.M34	Melamphaeidae
638.M35	Melanocetidae
	Melanostomiatidae see QL638.M3573
638.M3573	Melanostomiidae
638.M358	Melanotaeniidae
638.M37	Menidae
638.M4	Merlucciidae
638.M5	Microdesmidae (Wormfishes)
	Microstomidae see QL638.B25
638.M57	Mirapinnidae
638.M6	Mochokidae
638.M64	Molidae (Molas)
638.M645	Monacanthidae
638.M65	Monocentridae
638.M653	Monodactylidae
638.M654	Monognathidae
638.M67	Moridae
638.M675	Moringuidae (Spaghetti eels)
638.M676	Mormyridae
638.M678	Moronidae

Chordates. Vertebrates
Fishes
Systematic divisions
Osteichthys (Bony fishes). By family, A-Z -- Continued

638.M8	Mugilidae (Mullets)
(638.M84)	Mugiloididae
	see QL638.P613
638.M85	Mullidae (Goatfishes)
638.M87	Muraenesocidae (Pike congers)
638.M875	Muraenidae (Morays)
638.M876	Muraenolepididae
638.M9	Myctophidae (Lanternfishes)
638.M97	Myrocongridae
638.N25	Nandidae
638.N3	Neenchelyidae
638.N33	Nematistiidae
638.N34	Nemichthyidae (Snipe eels)
638.N347	Nemipteridae
638.N36	Neoceratiidae
638.N38	Neoscopelidae
638.N387	Neostethidae
638.N4	Nessorhamphidae
638.N46	Nettastomatidae
638.N5	Nomeidae
638.N57	Normanichthyidae
638.N58	Notacanthidae (Spiny eels)
638.N586	Notograptidae
638.N5867	Notopteridae
638.N5873	Notosudidae
638.N6	Nototheniidae
	Novumbridae see QL638.U5
638.O2	Odacidae
638.O23	Odontobutidae
638.O3	Ogcocephalidae (Batfishes)
638.O4	Olyridae
638.O45	Omosudidae
638.O5	Oneirodidae
638.O633	Ophichthidae (Snake eels)
638.O634	Ophiclinidae
638.O637	Ophidiidae (Cusk eels)
638.O65	Opisthognathidae (Jawfishes)
638.O657	Opisthoproctidae (Spookfishes)
638.O67	Oplegnathidae
638.O7	Oreosomatidae
638.O78	Oryziatidae
638.O84	Osmeridae (Smelts)
638.O87	Osphronemidae
638.O88	Osteoglossidae
638.O887	Ostraciontidae
638.O9	Owstoniidae
	Oxudercidae see QL638.G7
638.P254	Pangasiidae
638.P258	Pantodontidae
638.P3	Paralepididae
638.P313	Paralichthyidae (Sand flounders)
638.P315	Parazenidae

Chordates. Vertebrates
Fishes
Systematic divisions
Osteichthys (Bony fishes). By family, A-Z -- Continued

638.P316	Parodontidae
638.P318	Pataecidae
638.P32	Pegasidae
638.P34	Pempheridae (Sweepers)
638.P35	Pentacerotidae (Armorheads)
638.P357	Penatpodidae
638.P358	Percichthyidae
638.P4	Percidae (Perches; darters)
638.P464	Percophididae (Flatheads)
638.P468	Percopsidae (Trout-perches)
638.P47	Peronedysidae
638.P5	Phallostethidae
638.P55	Pholidichthyidae
638.P56	Pholididae (Gunnels)
638.P57	Phractolaemidae
638.P58	Phycidae
638.P6	Pimelodidae
638.P613	Pinguipedidae (Sandperches)
638.P62	Platycephalidae
638.P63	Platytroctidae
638.P64	Plecoglossidae
638.P648	Plesiopidae
638.P7	Pleuronectidae (Righteye flounders)
638.P72	Plotosidae
638.P73	Poeciliidae (Livebearers)
638.P747	Polymixiidae (Beardfishes)
638.P75	Polynemidae (Threadfins)
638.P755	Polyodontidae (Paddlefishes)
638.P76	Polypteridae
638.P768	Pomacanthidae (Marine angelfishes)
638.P77	Pomacentridae (Damselfishes)
(638.P772)	Pomadasyidae (Grunts)
	see QL638.H23
638.P778	Pomatomidae (Bluefishes)
638.P785	Priacanthidae (Bigeyes)
638.P786	Prochilodontidae
638.P788	Profundulidae (Middle American killifishes)
638.P8	Psettodidae
638.P84	Pseudochromidae
638.P844	Pseudogrammidae
	Pseudoplesiopidae see QL638.P84
638.P855	Psilorhynchidae
638.P88	Psychrolutidae
638.P9	Ptilichthyidae (Quillfishes)
	Pygidiidae see QL638.T76
638.P97	Pyramodontidae
638.R3	Rachycentridae (Cobias)
638.R4	Regalecidae (Oarfishes)
638.R48	Retropinnidae
638.R5	Rhamphichthyidae
638.R55	Rhinoprenidae
638.R59	Rhyacichthyidae

Chordates. Vertebrates
Fishes
Systematic divisions
Osteichthys (Bony fishes). By family, A-Z -- Continued

638.R65	Rondeletiidae
638.R68	Rosauridae
638.S15	Saccopharyngidae
638.S18	Salangidae
638.S2	Salmonidae (Salmon; trout; whitefishes)
638.S3	Scaridae (Parrotfishes)
638.S32	Scatophagidae (Scats)
638.S334	Schilbeidae
638.S335	Schindleriidae
638.S34	Sciaenidae (Drums)
638.S347	Scomberesocidae (Sauries)
638.S35	Scombridae (Tuna; mackerel)
638.S374	Scopelarchidae (Pearleyes)
	Scopelosauridae see QL638.N5873
638.S38	Scophthalmidae
638.S42	Scorpaenidae (Scorpionfishes)
638.S45	Scytalinidae (Graveldivers)
(638.S47)	Searsidae (Tubeshoulders)
	see QL638.P63
638.S48	Serranidae (Sea basses)
(638.S483)	Serrasalmidae
	see QL638.C5
638.S485	Serrivomeridae
638.S5	Siganidae
638.S54	Sillaginidae
638.S6	Siluridae (Old World catfishes)
638.S64	Simenchelyidae
638.S68	Sisoridae
638.S7	Soleidae (Soles)
638.S73	Solenostomidae
638.S74	Sparidae (Porgies)
638.S77	Sphyraenidae (Barracudas)
638.S785	Stephanoberycidae
638.S8	Sternoptychidae
638.S83	Sternopygidae (Glass knifefishes)
638.S84	Stichaeidae (Pricklebacks)
638.S86	Stomiatidae
638.S87	Stromateidae (Butterfishes)
638.S88	Stylephoridae (Tube-eyes)
	Synancejidae see QL638.S42
638.S892	Synaphobranchidae
638.S893	Synbranchidae
638.S9	Syngnathidae (Pipefishes; seahorses)
638.S96	Synodontidae (Lizardfishes)
638.T27	Teraponidae
	Tetragonopteridae see QL638.C5
638.T3	Tetragonuridae
638.T32	Tetraodontidae (Puffers)
	Theraponidae see QL638.T27
	Thunnidae see QL638.S35
638.T55	Todaridae
638.T6	Toxotidae

Chordates. Vertebrates
Fishes
Systematic divisions
Osteichthys (Bony fishes). By family, A-Z -- Continued
638.T68 Trachichthyidae
638.T685 Trachinidae
638.T69 Trachipteridae (Ribbonfishes)
638.T695 Triacanthidae (Spikefishes)
638.T7 Trichiuridae (Cutlassfishes)
638.T73 Trichodontidae (Sandfishes)
638.T76 Trichomycteridae
638.T78 Trichonotidae
638.T8 Triglidae (Searobins)
638.T85 Triodontidae
638.T87 Tripterygiidae
638.T95 Trypauchenidae
638.U5 Umbridae (Mudminnows)
638.U7 Uranoscopidae (Stargazers)
638.V4 Veliferidae
638.X4 Xenocephalidae
638.X45 Xenocongridae (False morays)
638.X5 Xiphiidae (Swordfishes)
638.Z28 Zanclidae (Moorish idol)
638.Z3 Zaniolepididae
638.Z36 Zaproridae (Prowfishes)
638.Z4 Zeidae (Dories)
638.Z6 Zoarcidae (Eelpouts)
Agnatha (Jawless fishes)
638.12 General works
Myxini
638.13 General works
Myxiniformes (Hagfishes)
638.14 General works
638.15.A-Z By family, A-Z
(638.15.B35) Bdellostomatidae
see QL638.15.M9
638.15.M9 Myxinidae
(638.15.P37) Paramyxinidae
see QL638.15.M9
Cephalaspidomorophi
638.18 General works
Petromyzontiformes (Lampreys)
638.2 General works
638.25.A-Z By family, A-Z
638.25.G45 Geotriidae
638.25.P48 Petromyzontidae
638.3 Dipnoid fishes
Class here general works only
For specific fishes see QL637.9+
638.5 Ganoid fishes
Class here general works only
For specific fishes see QL637.9+
Chondrichthyes (Cartilaginous fishes)
638.6 General works
Chimaeriformes
638.7 General works

Chordates. Vertebrates
Fishes
Systematic divisions
Chondrichthyes (Cartilaginous fishes)
Chimaeriformes -- Continued
638.75.A-Z By family, A-Z
638.75.C4 Chimaeridae (Chimaeras)
Pristiformes (Sawfishes)
638.77 General works
638.78.A-Z By family, A-Z
638.78.P75 Pristidae
Rajiformes (Rays)
638.8 General works
638.85.A-Z By family, A-Z
638.85.A5 Anacanthobatidae
638.85.A7 Arhynchobatidae
638.85.D3 Dasyatidae (Stingrays)
638.85.G9 Gymnuridae
638.85.H48 Hexatrygonidae (Sixgill stingrays)
638.85.M6 Mobulidae (Manta rays)
638.85.M9 Myliobatidae (Eagle rays)
638.85.P6 Potamotrygonidae (Freshwater stingrays)
(638.85.P7) Pristidae (Sawfishes)
see QL638.78.P75
638.85.R3 Rajidae (Skates)
638.85.R4 Rhinobatidae (Guitarfishes)
Rhinopteridae see QL638.85.M9
638.85.R48 Rhynchobatidae
(638.85.T6) Torpedinidae
see QL638.875.T6
Urolophidae see QL638.85.D3
Torpediniformes (Electric rays)
638.87 General works
638.875.A-Z By family, A-Z
638.875.T6 Torpedinidae (Torpedo electric rays)
Sharks
638.9 General works
638.93 Shark attacks. Shark repellents
Systematic divisions
638.94.A-Z By order, A-Z
Class species, genera, and families in QL638.95
Class single-family orders with the family in QL638.95
638.94.C37 Carcharhiniformes (Ground sharks)
Heterodontiformes see QL638.95.H4
638.94.H49 Hexanchiformes
638.94.L36 Lamniformes
638.94.O74 Orectolobiformes (Carpet sharks)
Pristiophoriformes see QL638.95.P7
638.94.S75 Squaliformes
Squatiniformes see QL638.95.S88
638.95.A-Z By family, A-Z
638.95.A4 Alopiidae (Thresher sharks)
638.95.C3 Carcharhinidae (Requiem sharks)
Carchariidae see QL638.95.O3
638.95.C36 Centrophoridae (Gulper sharks)
638.95.C37 Cetorhinidae (Basking shark)

Chordates. Vertebrates
Fishes
Systematic divisions
Chondrichthyes (Cartilaginous fishes)
Sharks
Systematic divisions
By family, A-Z -- Continued

638.95.C4	Chlamydoselachidae (Frilled sharks)
638.95.D3	Dalatiidae (Kitefin sharks; sleeper sharks)
	Echniorhinidae see QL638.95.S84
638.95.E85	Etmopteridae (Lantern sharks)
638.95.G55	Ginglymostomatidae (Nurse sharks)
638.95.H4	Heterodontidae (Bullhead sharks)
638.95.H48	Hexanchidae (Cow sharks)
	Isuridae see QL638.95.L3
638.95.L3	Lamnidae (Mackerel sharks)
638.95.M44	Megachasmidae (Megamouth shark)
638.95.M58	Mitsukurinidae (Goblin shark)
638.95.O3	Odontaspididae (Sand tigers)
638.95.O7	Orectolobidae (Wobbegongs)
638.95.P7	Pristiophoridae (Saw sharks)
638.95.P8	Pseudotriakidae (False cat shark)
638.95.R4	Rhincodontidae (Whale shark)
638.95.S3	Scapanorhynichidae
638.95.S38	Scyliorinidae (Cat sharks)
	Somniosidae see QL638.95.D3
638.95.S7	Sphyrnidae (Hammerhead sharks)
638.95.S84	Squalidae (Dogfish sharks)
638.95.S88	Squatinidae (Angel sharks)
638.95.S92	Stegostomatidae (Zebra shark)
638.95.T75	Triakidae (Houndsharks)
638.97	Immunology
638.99	Genetics
639	Anatomy and morphology
639.1	Physiology
	Including electrophysiology and electric fishes
	For effects of pollution, disease, etc. see SH171+
639.15	Age determination. Age/growth calculations. Length/weight relationships
	For particular groups or species see QL637.9+
639.16	Racial analysis
639.2	Reproduction and spawning
	Cf. SH155.6 Artificial spawning
	Cf. SH155.7 Induced spawning
639.25	Development. Eggs and larvae
639.3	Behavior
639.4	Locomotion
639.5	Migration. Diadromy
	Cf. SH156.8 Fish tagging
639.6	Vertical distribution
	Including diel vertical migration
639.8	Ecology
	Parasites see SH175
	Reptiles and amphibians
640	Periodicals, societies, congresses, serial publications
640.5	Collected works (nonserial)
640.7	Dictionaries and encyclopedias

Chordates. Vertebrates
Reptiles and amphibians -- Continued
641 General works, treatises, and textbooks
643 Pictorial works and atlases
644 Popular works
644.2 Juvenile works
Rare and endangered species
644.7 General works
644.73.A-Z By region or country, A-Z
Extinct reptiles and/or amphibians
644.8 General works
644.83.A-Z By region or country, A-Z
645 Classification. Nomenclature
645.2 Catalogs and collections
Evolution
645.3 General works
645.4 Speciation
645.5 Variation
Study and teaching. Research
Including census taking, banding, marking, tagging, etc., and general works on amphibian and reptile watching and viewing sites
645.6 General works
645.63.A-Z By region or country, A-Z
645.65 Collection and preservation
645.7 Dangerous reptiles
Geographical distribution
Class here works on the reptiles and/or amphibians of a specific region
For geographical distribution of systematic divisions see QL666.A+
648 General works
North America
651 General works
United States
652 General works
653.A-Z By region or state, A-Z
Canada
654 General works
654.2.A-Z By region, province, or territory, A-Z
Latin America
654.5 General works
655 Mexico
Including Yucatán Peninsula
656 Central America (Table Q3)
656.5 West Indies (Table Q3)
657 South America (Table Q3)
658 Europe (Table Q3)
661 Asia (Table Q3)
662 Africa (Table Q3)
663 Australia
663.5 New Zealand
664 Pacific islands (Table Q3)
664.2 Arctic regions
664.4 Antarctica
664.6 Tropics
Systematic divisions
Reptiles
665 General works, treatises, and textbooks

Chordates. Vertebrates
Reptiles and amphibians
Systematic divisions
Reptiles -- Continued
Juvenile works see QL644.2
Physiographic divisions
Aquatic reptiles. Water reptiles
665.3 General works
665.5 Marine reptiles. Sea reptiles
Geographical distribution see QL648+
666.A-Z By order and family, A-Z
Amphisbaenia see QL666.L192+
Chelonia (Testudinata; turtles)
666.C5 General works
666.C52 Carettochelyidae (Pitted-shell turtles)
666.C535 Chelidae
666.C536 Cheloniidae
666.C539 Chelydridae
666.C54 Dermatemydidae
666.C546 Dermochelyidae (Leatherback turtle)
666.C547 Emydidae (Box turtles)
666.C55 Kinosternide
666.C57 Pelomedusidae
666.C584 Testudinidae (Tortoises)
666.C587 Trionychidae (Softshell turtles)
Crocodylia (Crocodilians)
666.C9 General works
666.C925 Crocodylidae (Alligators; crocodiles; caimans; gavial)
(666.C94) Gavialidae
see QL666.C925
Squamata
666.L19 General works
Amphisbaenia
666.L192 General works
666.L193 Amphisbaenidae
666.L194 Bipedidae
Lacertilia (Sauria; lizards)
666.L2 General works
(666.L21-.L2196) Geographical distribution
see QL648+
666.L223 Agamidae
Amphisbaenidae see QL666.L192+
666.L225 Anelytropsidae
666.L2254 Anguidae (Glass lizards)
666.L2256 Anniellidae
666.L23 Chamaeleontidae (Chameleons)
666.L234 Cordylidae (Girdle-tailed lizards)
666.L236 Corytophanidae
666.L237 Crotaphytidae
666.L238 Dibamidae
666.L24 Eublepharidae
666.L243 Feylinidae
666.L245 Gekkonidae (Geckos)
666.L247 Helodermatidae (Gila monsters)
666.L248 Hoplocercidae
666.L25 Iguanidae

Chordates. Vertebrates
Reptiles and amphibians
Systematic divisions
Reptiles
By order and family, A-Z
Squamata
Lacertilia (Sauria; lizards) -- Continued
666.L255 Lacertidae
666.L2556 Lanthanotidae
666.L265 Opluridae
666.L267 Phrynosomatidae
666.L268 Polychrotidae
666.L27 Pygopodidae
666.L28 Scincidae (Skinks)
Sphaerodactylidae see QL666.L245
666.L285 Teiidae
666.L287 Tropiduridae
666.L29 Varanidae (Monitor lizards)
666.L293 Xantusiidae
666.L295 Xenosauridae
Serpentes (Ophidia; snakes)
666.O6 General works
666.O62 Acrochordidae (Wart snakes; file snakes)
666.O625 Aniliidae (False coral snakes; coral pipe snakes)
666.O626 Anomalepididae (Primitive blind snakes; dawn blind snakes)
666.O6265 Anomochilidae (Dwarf pipe snakes)
666.O627 Atractaspididae (Mole vipers)
666.O63 Boidae (Boas)
666.O633 Bolyeriidae (Round Island boas)
666.O636 Colubridae
Crotalidae see QL666.O69
666.O638 Cylindrophiidae (Asian pipe snakes)
666.O64 Elapidae (Cobras; coral snakes; sea snakes)
(666.O645) Hydrophiidae
see QL666.O64
666.O65 Leptotyphlopidae (Slender blind snakes)
666.O66 Loxocemidae (Mexican burrowing pythons)
666.O67 Pythonidae
666.O68 Tropidophiidae (Dwarf boas)
666.O685 Typhlopidae (Blind snakes)
666.O688 Uropeltidae (Shield-tailed snakes)
666.O69 Viperidae (Vipers and pit vipers)
666.O694 Xenopeltidae (Sunbeam snakes)
Rhynchocephalia
666.R4 General works
666.R48 Sphenodontidae (Tuatara)
Squamata see QL666.L19+
Amphibians
667 General works, treatises, and textbooks
Juvenile works see QL644.2
Geographical distribution see QL648+
668.A-Z By order and family, A-Z
Gymnophiona (Apoda; caecilians)
668.A6 General works
668.A63 Caeciliidae
668.A65 Ichthyophiidae

Chordates. Vertebrates
Reptiles and amphibians
Systematic divisions
Amphibians
By order and family, A-Z
Gymnophiona (Apoda; caecilians) -- Continued
668.A67 Rhinatrematidae
668.A68 Scolecomorphidae
668.A69 Uraeotyphlidae
Caudata (Urodela; salamanders; newts)
668.C2 General works
668.C23 Ambystomatidae (Mole salamanders)
668.C237 Amphiumidae
668.C24 Cryptobranchidae (Giant salamanders)
668.C243 Dicamptodontidae
668.C25 Hynobiidae
668.C274 Plethodontidae (Lungless salamanders)
668.C277 Proteidae
668.C278 Rhyacotritonidae
668.C28 Salamandridae (Newts)
668.C285 Sirenidae
Ecaudata (Anura; Salientia; frogs; toads)
668.E2 General works
668.E214 Alytidae
668.E217 Ascaphidae (Tailed frogs)
(668.E22) Atelopodidae
see QL668.E227
668.E224 Bombinatoridae
668.E225 Brevicipitidae
668.E227 Bufonidae (Toads)
668.E23 Centrolenidae (Glass frogs)
668.E232 Ceratobatrachidae
668.E233 Dendrobatidae
668.E234 Dicroglossidae
(668.E235) Discoglossidae
see QL668.E214
668.E237 Hemiphractidae
668.E24 Hylidae (Tree frogs)
668.E244 Hyperoliidae
668.E255 Leiopelmatidae
668.E257 Leptodactylidae (Robber frogs)
668.E259 Mantellidae
668.E26 Microhylidae (Narrow-mouthed toads)
668.E2615 Myobatrachidae
668.E262 Pelobatidae (Eurasian spadefoot toads)
668.E2626 Pelodryadidae
668.E263 Pelodytidae
668.E264 Phrynomeridae
668.E265 Pipidae
668.E268 Pseudidae
668.E27 Ranidae (Frogs)
668.E274 Rhacophoridae
668.E275 Rhinophrynidae
668.E33 Scaphiopodidae (North American spadefoot toads)
668.5 Genetics
669 Anatomy and morphology

Chordates. Vertebrates
Reptiles and amphibians
Systematic divisions -- Continued
669.2 Physiology
669.25 Age determination. Life spans. Longevity
669.3 Reproduction
669.5 Behavior
669.8 Ecology
Birds
671 Periodicals, societies, congresses, serial publications
672 Collected works (nonserial)
672.2 Dictionaries and encyclopedias
Communication of ornithological information
672.5 Ornithological literature
672.6 Language. Authorship
History
672.7 General works
672.73.A-Z By region or country, A-Z
673 General works, treatises, and textbooks
674 Pictorial works and atlases
674.4 Ornithological illustration
675 Birds' eggs and nests
676 Popular works
676.2 Juvenile works
Bird protection. Bird refuges. Important bird areas. Bird attracting
Including birdhouses, bird feeders, birdcall whistles, and gardening to attract birds
Cf. SK351+ Wildlife management. Game protection
676.5 General works
By region or country
United States
676.55 General works
676.56.A-Z By region or state, A-Z
676.57.A-Z Other regions or countries, A-Z
676.7 Rare and endangered species
For local see QL676.55+
676.8 Extinct birds
677 Classification. Nomenclature
677.2 Catalogs and collections
677.3 Evolution
677.4 Population dynamics
For mortality see QL698.25
677.5 Study and teaching. Research
Including census taking, bird banding, and general works on bird watching and birding sites
677.7 Collection and preservation
677.75 Dangerous birds
677.78 Birds of prey. Raptors
Cf. QL696.F3+ Falconiformes
Cf. QL696.S8+ Strigiformes
677.79.A-Z Other types of birds, A-Z
677.79.C38 Cavity-nesting birds
677.79.E85 Exotic birds
677.79.F55 Flightless birds
677.79.F67 Forest birds
Game birds
see SF508+ Animal culture; SK311+ Hunting
677.79.G73 Grassland birds

Chordates. Vertebrates
Birds
Other types of birds, A-Z -- Continued
677.79.I58 Introduced birds
677.79.M68 Mountain birds
677.79.N63 Nocturnal birds
Ornamental birds see SF512+
677.79.P37 Parasitic birds
677.79.P57 Piscivorous birds
Talking birds see SF462.8
Water birds see QL678.5+
677.8 Aviaries. Bird exhibitions
Geographical distribution
For geographical distribution of systematic divisions see QL696.A+
678 General works
Physiographic divisions
For birds of a particular region or country or off the coast of a particular region or country see QL680+
Aquatic birds. Water birds
Including shore birds
For waterfowl see SF510.W3 Animal culture; SK331+ Hunting
678.5 General works
Marine birds. Sea birds
678.52 General works
By region
678.55 Atlantic Ocean
678.6 Indian Ocean
678.65 Pacific Ocean
Topographical divisions
679 Zone divisions
e.g. Palaearctic region
America
680 General works
North America and United States
681 General works
United States
682 General works
683.A-Z By region, A-Z
684.A-.W By state, A-W
Canada
685 General works
685.5.A-Z By region or province, A-Z
Latin America
685.7 General works
686 Mexico
687 Central America (Table Q3)
688 West Indies (Table Q3)
689 South America (Table Q3)
690 Europe (Table Q3)
691 Asia (Table Q3)
691.5 Arab countries (General)
692 Africa (Table Q3)
Australasia
692.8 General works
Australia
693 General works

Chordates. Vertebrates
Birds
Geographical distribution
Australasia
Australia -- Continued
693.3.A-Z By state, territory, or region, A-Z
693.5 New Zealand
694 Pacific islands (Table Q3)
694.5 Atlantic islands (Table Q3)
694.7 Indian Ocean islands (Table Q3)
695 Arctic regions
695.2 Antarctica
695.5 Tropics
696.A-Z Systematic divisions. By order and family, A-Z
Accipitriformes see QL696.F3+
Alciformes see QL696.C4+
Anseriformes
696.A5 General works
696.A52 Anatidae (Ducks; geese; swans)
696.A53 Anhimidae (Screamers)
Apodiformes
696.A55 General works
696.A552 Apodidae (Swifts)
696.A554 Hemiprocnidae (Crested swifts)
696.A558 Trochilidae (Hummingbirds)
Apterygiformes
696.A6 General works
696.A63 Apterygidae (Kiwis)
Ardeiformes see QL696.C5+
Caprimulgiformes
696.C2 General works
696.C22 Aegothelidae (Owlet frogmouths)
696.C23 Caprimulgidae (Goatsuckers)
696.C25 Nyctibiidae (Potoos)
696.C26 Podargidae (Frogmouths)
696.C28 Steatornithidae (Oilbirds)
Casuariiformes
696.C3 General works
696.C33 Casuariidae (Cassowaries)
696.C34 Dromiceidae (Emus)
Charadriiformes
696.C4 General works
696.C42 Alcidae (Auks; auklets; murres)
696.C428 Burhinidae (Thick-knees)
696.C43 Charadriidae (Plovers; turnstones; surfbirds)
696.C435 Chionididae (Sheathbills)
696.C44 Dromadidae (Crabplovers)
696.C448 Glareolidae (Pratincoles; coursers)
696.C452 Haematopodidae (Oystercatchers)
696.C457 Jacanidae (Jacanas)
696.C46 Laridae (Gulls; terns; skuas; jaegers)
696.C465 Pedionomidae
(696.C47) Phalaropodidae (Phalaropes)
see QL696.C48
696.C473 Recurvirostridae (Avocets; stilts)
696.C477 Rostratulidae (Painted snipes)

Chordates. Vertebrates
Birds
Systematic divisions. By order and family, A-Z
Charadriiformes -- Continued
696.C479 Rynchopidae (Skimmers)
696.C48 Scolopacidae (Snipes; woodcocks; sandpipers; phalaropes)
(696.C488) Stercorariidae
see QL696.C46
696.C49 Thinocoridae (Seedsnipes)
Ciconiiformes
696.C5 General works
696.C52 Ardeidae (Herons; bitterns)
696.C525 Balaenicipitidae (Shoebill)
696.C53 Cathartidae (New World vultures)
696.C535 Ciconiidae (Storks; jabirus)
696.C536 Cochleariidae (Boatbilled herons)
696.C56 Phoenicopteridae (Flamingos)
696.C58 Scopidae (Hammerheads)
696.C585 Threskiornithidae (Ibises; spoonbills)
Coccyges see QL696.C8+
Coliiformes
696.C59 General works
696.C593 Coliidae (Colies)
Columbiformes
696.C6 General works
696.C63 Columbidae (Pigeons; doves)
696.C66 Pteroclidae (Sandgrouses)
696.C67 Raphidae (Dodos; solitaires)
Coraciiformes
696.C7 General works
696.C72 Alcedinidae (Kingfishers)
696.C725 Brachypteraciidae (Groundrollers)
696.C729 Bucerotidae (Hornbills)
696.C73 Coraciidae (Rollers)
696.C74 Leptosomatidae (Cuckoo rollers)
696.C754 Meropidae (Bee-eaters)
696.C756 Momotidae (Motmots)
(696.C77) Phoeniculidae (Wood hoopoes)
see QL696.U66
696.C78 Todidae (Todies)
(696.C79) Upupidae (Hoopoes)
see QL696.U68
Cuculiformes
696.C8 General works
696.C83 Cuculidae (Cuckoos; roadrunners; anis)
696.C85 Musophagidae (Plaintain-eaters; touracos)
Cypseliformes see QL696.A55+
Falconiformes
696.F3 General works
696.F32 Accipitridae (Hawks; Old World vultures; harriers)
Including vultures (General)
(696.F33) Cathartidae (New World vultures)
see QL696.C53
696.F34 Falconidae (Falcons; caracaras)
696.F36 Pandionidae (Ospreys)
696.F38 Sagittariidae (Secretarybirds)

Chordates. Vertebrates
Birds
Systematic divisions. By order and family, A-Z -- Continued
Galliformes
696.G2 General works
696.G23 Cracidae (Curassows; guans; chachalacas)
696.G25 Megapodiidae (Megapodes)
(696.G254) Meleagrididae (Turkeys)
see QL696.G27
696.G258 Numididae (Guineafowl)
696.G259 Odontophoridae (New World quails)
696.G26 Opisthocomidae (Hoatzins)
696.G27 Phasianidae (Pheasants, Old World quails, grouse, partridges, peafowls, turkeys)
(696.G285) Tetraonidae (Grouse)
see QL696.G27
Gaviiformes
696.G3 General works
696.G33 Gaviidae (Loons)
Gruiformes
696.G8 General works
696.G82 Aramidae (Limpkins)
696.G827 Cariamidae (Seriemas)
696.G83 Eurypgidae (Sunbitterns)
696.G84 Gruidae (Cranes)
696.G845 Heliornithidae (Sungrebes)
696.G85 Mesitornithidae (Roatelos)
696.G86 Otididae (Bustards)
Pedionomidae see QL696.C465
696.G874 Psophiidae (Trumpeters)
696.G876 Rallidae (Rails; coots)
696.G878 Rhynochetidae (Kagus)
696.G89 Turnicidae (Bustardquails)
Halcyones see QL696.C72
Lariformes see QL696.C46
Limicolae see QL696.C4+
Meropidae see QL696.C754
Musophagiformes see QL696.C85
Passeriformes
696.P2 General works
696.P212 Acanthisittidae (New Zealand wrens)
696.P213 Acanthizidae (Australasian warblers)
696.P2133 Acrocephalidae (Reed warblers and allies)
696.P2135 Aegithalidae (Long-tailed tits; bushtits)
Aegithinidae see QL696.P2344
696.P214 Alaudidae (Larks)
696.P216 Artamidae (Woodswallows; currawongs; Australian butcherbirds)
696.P218 Atrichornithidae (Scrubbirds)
696.P22 Bombycillidae (Waxwings)
696.P224 Callaeidae (Wattled crows; huias; saddlebacks)
696.P225 Campephagidae (Cuckoo shrikes)
696.P228 Catamblyrhynchidae (Plushcapped finches)
696.P23 Certhiidae (Creepers)
696.P234 Chamaeidae (Wrentits)
696.P2344 Chloropseidae (Leafbirds)
696.P235 Cinclidae (Dippers)
696.P2354 Climacteridae (Australasian treecreepers)

Chordates. Vertebrates
Birds
Systematic divisions. By order and family, A-Z
Passeriformes -- Continued

696.P236 Coerebidae (Honeycreepers)
696.P2365 Conopophagidae (Antpipits)
696.P2367 Corvidae (Crows; magpies; jays)
696.P2368 Cotingidae (Cotingas)
(696.P237) Cracticidae
see QL696.P216
696.P239 Cyclarhidae (Peppershrikes)
696.P24 Dendrocolaptidae (Woodhewers)
696.P242 Dicaeidae (Flowerpeckers)
696.P2427 Dicruridae (Drongos)
(696.P243) Drepanididae (Hawaiian honeycreepers)
see QL696.P246
696.P2435 Dulidae (Palmchats)
696.P2438 Emberizidae (Buntings; American sparrows; wood warblers)
696.P2439 Eopsaltriidae (Australian robins)
696.P244 Estrildidae (Waxbills)
696.P245 Eurylaimidae (Broadbills)
696.P2455 Formicariidae (Ant thrushes)
696.P246 Fringillidae (Finches; Hawaiian honeycreepers)
696.P2464 Furnariidae (Ovenbirds)
696.P2468 Grallinidae (Magpie larks)
696.P247 Hirundinidae (Swallows)
696.P2474 Hypositttidae (Caralbilled nuthatches)
696.P2475 Icteridae (Blackbirds; troupials)
Irenidae see QL696.P2585
696.P248 Laniidae (Shrikes)
696.P2485 Maluridae (Australian wrens)
696.P249 Meliphagidae (Honeyeaters)
696.P2495 Menuridae (Lyrebirds)
696.P25 Mimidae (Thrashers; mockingbirds)
696.P252 Motacillidae (Wagtails; pipits)
696.P255 Muscicapidae (Old World flycatchers)
696.P257 Nectariniidae (Sunbirds)
696.P2585 Oriolidae (Old World flycatchers)
696.P259 Oxyruncidae (Sharpbills)
696.P2595 Pachycephalidae
696.P26 Paradisaeidae (Birds of paradise)
696.P2612 Paradoxornithidae (Parrotbills; suthoras)
696.P2615 Paridae (Titmice; chickadees)
(696.P2618) Parulidae
see QL696.P2438
696.P262 Passeridae
696.P2625 Philepittidae (Asities; false sunbirds)
696.P2629 Phytotomidae (Plantcutters)
696.P263 Pipridae (Manakins)
696.P2634 Pittidae (Pittas)
696.P264 Ploceidae (Weaverbirds)
696.P265 Prionopidae (Weaverbirds)
696.P266 Prunellidae (Accentors)
696.P267 Ptilogonatidae (Silky flycatchers)
696.P2675 Ptilonorhynchidae (Bowerbirds)
696.P268 Pycnonotidae (Bulbuls)

Chordates. Vertebrates
Birds
Systematic divisions. By order and family, A-Z
Passeriformes -- Continued
696.P27 Regulidae (Kinglets)
696.P272 Remizidae
696.P273 Rhinocryptidae (Tapaculos)
696.P274 Rhipiduridae (Fantails)
696.P275 Sittidae (Nuthatches)
696.P278 Sturnidae (Starlings)
696.P279 Sylviidae (Old World warblers)
696.P28 Tersinidae (Swallow tanagers)
696.P2816 Thamnophilidae (Typical antbirds)
696.P282 Thraupidae (Tanagers)
696.P285 Timaliidae (Babblers)
696.P287 Troglodytidae (Wrens)
696.P288 Turdidae (Thrushes)
696.P289 Tyrannidae (Tyrant flycatchers)
696.P29 Vangidae (Vangas)
696.P294 Vireolaniidae (Shrike vireos)
696.P2945 Vireonidae (Vireos)
696.P296 Zeledoniidae (Wrenthrushes)
696.P298 Zosteropidae (White-eyes)
Pelecaniformes
696.P4 General works
696.P42 Anhingidae (Snake-birds)
696.P45 Fregatidae (Frigate birds)
696.P47 Pelecanidae (Pelicans)
696.P474 Phaethontidae (Tropicbirds)
696.P4745 Phalacrocoracidae (Cormorants)
696.P48 Sulidae (Boobies; gannets)
Phoenicopteriformes see QL696.C56
Piciformes
696.P5 General works
696.P52 Bucconidae (Puffbirds)
696.P53 Capitonidae (Barbets)
696.P54 Galbulidae (Jacamars)
696.P55 Indicatoridae (Honeyguides)
696.P56 Picidae (Woodpeckers)
696.P57 Ramphastidae (Toucans)
Podicipediformes
696.P58 General works
696.P586 Podicipedidae (Grebes)
Procellariformes
696.P6 General works
696.P63 Diomedeidae (Albatrosses)
696.P64 Hydrobatidae (Storm petrels)
696.P66 Pelecanoididae (Diving petrels)
696.P665 Procellariidae (Shearwaters; fulmars)
696.P7 Psittaciformes (Parrots)
Puffinidae see QL696.P665
Pygopodes see QL696.P586
Pygopodes (Gaviidae) see QL696.G33
Rhamphastidae see QL696.P57
Rheiformes
696.R37 General works

Chordates. Vertebrates
Birds
Systematic divisions. By order and family, A-Z
Rheiformes -- Continued
696.R4 Rheidae (Rheas)
Scansores
see QL671+
Sphenisciformes
696.S47 General works
696.S473 Spheniscidae (Penguins)
Steganopodes see QL696.P4+
Strigiformes
696.S8 General works
696.S83 Strigidae (Owls)
696.S85 Tytonidae (Barn owls)
Struthioniformes
696.S87 General works
696.S9 Struthionidae (Ostriches)
Tinamiformes
696.T37 General works
696.T4 Tinamidae (Tinamous)
Trochili see QL696.A558
Trogoniformes
696.T67 General works
696.T7 Trogonidae (Trogons)
Upupiformes
696.U6 General works
696.U66 Phoeniculidae (Wood hoopoes)
696.U68 Upupidae (Hoopoes)
696.5 Genetics
Anatomy and morphology
697 General works
697.4 Feathers. Plumage
698 Physiology
698.2 Reproduction
698.25 Mortality
698.26 Effect of roads
698.3 Behavior
Including social life and instinct
Eggs and nests see QL675
Bird banding see QL677.5
698.4 Food
698.5 Song. Vocalization
698.7 Flight
698.8 Navigation
698.85 Orientation
698.9 Migration
698.95 Ecology
699 Miscellany and curiosa
For birds of the Bible see BS664
Mammals
700 Periodicals, societies, congresses, serial publications
701 Collected works (nonserial)
701.2 Dictionaries and encyclopedias
Communication of information
701.5 General works

Chordates. Vertebrates
Mammals
Communication of information -- Continued
701.6 Information services
701.8 Computer network resources
Including the Internet
702 Mammalogical literature
703 General works, treatises, and textbooks
704 Compends
705 Pictorial works and atlases
706 Popular works
For popular works on domestic animals see SF41
706.2 Juvenile works
706.4 Study and teaching. Research
706.5.A-Z Special topics, A-Z
706.5.D38 Data processing
Rare and endangered species
706.8 General works
706.83.A-Z By region or country, A-Z
707 Extinct mammals
708 Classification. Nomenclature
708.2 Catalogs and collections
708.4 Collection and preservation
708.5 Evolution. Speciation
708.6 Population dynamics
Geographical distribution
For geographical distribution of systematic divisions see QL737.A+
708.7 General works
Physiographic divisions
Aquatic
713 General works
Marine
713.2 General works
By region
For marine mammals of a particular region or country or off the coast of a particular region or country see QL715+
Atlantic Ocean
713.25 General works
713.28 North Atlantic Ocean
713.35 Pacific Ocean
Topographical divisions
North America
715 General works
United States
717 General works
719.A-Z By region or state, A-Z
Canada
721 General works
721.5.A-Z By region or province, A-Z
Latin America
721.8 General works
722 Mexico
723 Central America (Table Q3)
724 West Indies (Table Q3)
725 South America (Table Q3)
Europe

Chordates. Vertebrates
Mammals
Geographical distribution
Topographical divisions
Europe -- Continued
726 General works
727 Great Britain
728.A-Z Other regions or countries, A-Z
729 Asia (Table Q3)
731 Africa (Table Q3)
732 Indian Ocean islands (Table Q3)
Australasia
732.8 General works
Australia
733 General works
733.5.A-Z By state, territory, or region, A-Z
734 New Zealand
735 Pacific islands (Table Q3)
736 Arctic regions. Greenland
736.2 Antarctica
736.5 Tropics
737.A-Z Systematic divisions. By order and family, A-Z
Afrosoricida. Tenrecomorpha
737.A35 General works
737.A352 Chrysochloridae (Golden moles)
737.A357 Tenrecidae (Tenrecs)
Carnivora
737.C2 General works
737.C214 Ailuridae (Red panda)
737.C22 Canidae (Dogs)
For domestic dogs see SF421+
737.C23 Felidae (Cats)
For domestic cats see SF441+
737.C235 Herpestidae (Mongooses)
737.C24 Hyaenidae (Hyenas)
737.C248 Mephitidae (Skunks)
737.C25 Mustelidae (Weasels; badgers; otters)
737.C26 Procyonidae (Raccoons)
737.C27 Ursidae (Bears; giant panda)
737.C28 Viverridae (Civets, etc.)
Cetacea
737.C4 General works
Mysticeti (Baleen whales)
737.C42 General works
737.C423 Balaenidae (Right whales)
737.C424 Balaenopteridae (Rorquals)
737.C425 Eschrichtiidae (Gray whales)
737.C427 Neobalaenidae
Odontoceti (Toothed whales)
737.C43 General works
737.C432 Delphinidae (Dolphins)
Iniidae see QL737.C436
Lipotidae see QL737.C436
737.C433 Monodontidae (Narwhal; white whale)
737.C434 Phocoenidae (Porpoises)
737.C435 Physeteridae (Sperm whales)

Chordates. Vertebrates
Mammals
Systematic divisions. By order and family, A-Z
Cetacea
Odontoceti (Toothed whales) -- Continued
737.C436 Platanistidae (River dolphins)
Pontoporiidae see QL737.C436
Stenidae see QL737.C432
737.C438 Ziphiidae (Beaked whales)
Chiroptera
737.C5 General works
737.C513 Craseonycteridae
737.C52 Desmodontidae (Vampires)
737.C525 Emballonuridae (Sac-winged bats)
737.C53 Furipteridae (Smoky bats)
737.C533 Hipposideridae (Old World leaf-nosed bats)
737.C535 Megadermatidae (False vampires)
737.C54 Molossidae (Free-tailed bats)
737.C543 Mormoopidae
737.C545 Mystacinidae (New Zealand short-tailed bats)
737.C55 Myzopodidae (Old World sucker-footed bats)
737.C555 Natalidae (Funnel-eared bats)
737.C56 Noctilionidae (Fisherman bats)
737.C565 Nycteridae (Slit-faced bats)
737.C57 Phyllostomidae (American leaf-nosed bats)
737.C575 Pteropodidae (Old World fruit bats)
737.C58 Rhinolophidae (Horseshoe bats)
737.C585 Rhinopomatidae (Mouse-tailed bats)
737.C59 Thyropteridae (Disk-winged bats)
737.C595 Vespertilionidae
Dermoptera
737.D35 General works
737.D4 Cynocephalidae (Flying lemurs)
Edentata. Xenarthra
737.E2 General works
737.E22 Bradypodidae (Three-toed tree sloths)
737.E23 Dasypodidae (Armadillos)
737.E238 Megalonychidae (Two-toed tree sloths)
737.E24 Myrmecophagidae (Anteaters)
Erinaceomorpha
737.E75 General works
737.E753 Erinaceidae (Hedgehogs)
Eulipotyphla see QL737.S7+
Hyracoidea
737.H85 General works
737.H9 Procaviidae (Hyraxes)
Insectivores
737.I5 General works
(737.I52) Chrysochloridae
see QL737.A352
(737.I53) Erinaceidae
see QL737.E753
(737.I54) Macroscelididae (Elephant shrews)
see QL737.M242
(737.I545) Potamogalidae
QL737.S73

Chordates. Vertebrates
Mammals
Systematic divisions. By order and family, A-Z
Insectivores -- Continued
(737.I55) Solenodontidae
see QL737.S74
(737.I56) Soricidae
see QL737. S75
(737.I57) Talpidae
see QL737.S76
(737.I58) Tenrecidae
see QL737.A357
Lagomorpha
737.L3 General works
737.L32 Leporidae (Rabbits; hares)
737.L33 Ochotonidae (Pikas)
Macroscelidea
737.M24 General works
737.M242 Macroscelididae (Elephant shrews)
Marsupialia. Marsupials
737.M3 General works
Dasyuromorphia
737.M325 General works
737.M33 Dasyuridae (Marsupial mice, Marsupial cats)
737.M335 Myrmecobiidae (Numbat)
737.M336 Thylacinidae (Thylacine)
Didelphimorphia
737.M337 General works
737.M34 Didelphidae (American opossums)
Diprotodontia
737.M345 General works
737.M346 Acrobatidae
737.M347 Burramyidae (Pygmy possums)
737.M348 Hypsiprymnodontidae (Rat-kangaroos)
Cf. QL737.M386 Potoroidae
737.M35 Macropodidae (Kangaroos, wallabies)
737.M373 Petauridae
737.M38 Phalangeridae (Phalangers)
737.M384 Phascolarctidae (Koalas)
737.M386 Potoroidae (Bettongs, potoroos, rat-kangaroos)
Cf. QL737.M348 Hypsiprymnodontidae
737.M387 Pseudocheiridae
737.M3875 Tarsipedidae
737.M39 Vombatidae (Wombats)
Microbiotheria
737.M43 General works
737.M435 Microbiotheriidae
Notoryctemorphia
737.M44 General works
737.M445 Notoryctidae (Marsupial moles)
Paucituberculata
737.M46 General works
737.M463 Caenolestidae (Rat opossums)
Peramelemorphia (Bandicoots)
737.M47 General works
737.M475 Peramelidae

Chordates. Vertebrates
Mammals
Systematic divisions. By order and family, A-Z
Marsupialia
Peramelemorphia (Bandicoots) -- Continued
(737.M476) Peroryctidae
see QL737.M475
737.M478 Thylacomyidae (Bilbies)
Monotremata
737.M7 General works
737.M72 Ornithorhynchidae (Platypus)
737.M73 Tachyglossidae (Echidnas)
Pholidota
737.P4 General works
737.P5 Manidae (Pangolins)
Pinnipedia
737.P6 General works
737.P62 Odobenidae (Walrus)
737.P63 Otariidae (Eared seals)
737.P64 Phocidae (Seals)
Primates
737.P9 General works
737.P915 Atelidae (Howler monkeys; muriquis; spider monkeys, woolly monkeys)
(737.P917) Callimiconidae
see QL737.P925
(737.P92) Callitrichidae
see QL737.P925
737.P925 Cebidae (Marmosets; tamarins; squirrel monkeys, capuchin monkeys)
737.P93 Cercopithecidae (Old World monkeys)
737.P933 Cheirogaleidae
737.P935 Daubentoniidae (Aye-ayes)
737.P937 Galagonidae (Galagos)
737.P94 Hominidae (Great apes: chimpanzees; gorillas; orangutans)
For humans see GN49+
737.P943 Hylobatidae (Lesser apes: gibbons; siamang)
737.P945 Indridae
737.P95 Lemuridae (Large lemurs)
737.P955 Lorisidae (Lorises; pottos)
737.P957 Nyctipithecidae (Night monkeys)
737.P959 Pitheciidae (Sakis; titis; uakaris)
(737.P96) Pongidae (Apes)
see QL737.P94+
737.P965 Tarsiidae (Tarsiers)
(737.P968) Tupaiidae (Tree shrews)
see QL737.S254
Proboscidea
737.P97 General works
737.P98 Elephantidae (Elephants)
Rodentia
737.R6 General works
737.R62 Abrocomidae
737.R623 Agoutidae (Pacas)
737.R624 Anomaluridae (Scaly-tailed squirrels)
737.R626 Aplodontidae (Mountain beavers)
737.R628 Bathyergidae (African mole rats)
737.R63 Capromyidae (Hutias)

Chordates. Vertebrates
Mammals
Systematic divisions. By order and family, A-Z
Rodentia -- Continued
737.R632 Castoridae (Beavers)
737.R634 Caviidae (Cavies)
737.R636 Chinchillidae (Chinchillas)
(737.R638) Cricetidae (New World rats and mice)
see QL737.R666
737.R64 Ctenodactylidae (Gundis)
737.R642 Ctenomyidae (Tucu-tucos)
737.R644 Dasyproctidae (Agoutis; acouchis)
737.R646 Dinomyidae (Pacaranas)
737.R648 Dipodidae (Jerboas; birch mice; jumping mice)
737.R65 Echimyidae (Spiny rats)
737.R652 Erethizontidae (New World porcupines)
737.R654 Geomyidae (Pocket gophers)
737.R656 Gliridae (Dormice)
737.R66 Heteromyidae (Pocket mice; kangaroo rats)
737.R662 Hydrochaeridae (Capybara)
737.R664 Hystricidae (Old World porcupine)
737.R666 Muridae (Mice; rats; voles; lemmings; gerbils; hamsters)
737.R668 Myocastoridae (Coypu; nutria)
737.R67 Octodontidae
737.R672 Pedetidae (Springhares)
737.R674 Petromuridae
(737.R676) Platacanthomyidae
see QL737.R666
(737.R678) Rhizomyidae
see QL737.R666
737.R68 Sciuridae (Squirrels)
737.R682 Seleviniidae (Desert dormice)
737.R684 Spalacidae
see QL737.R666
737.R686 Thryonomyidae (Cane rats)
(737.R688) Zapodidae
see QL737.R648
Scandentia
737.S25 General works
737.S254 Tupaiidae (Tree shrews)
Sirenia
737.S6 General works
737.S62 Dugongidae (Dugongs)
737.S63 Trichechidae (Manatees)
Soricomorpha. Eulipotyphla
737.S7 General works
737.S73 Potamogalidae (Water shrews)
737.S74 Solenodontidae (Solenodons)
737.S75 Soricidae (Shrews)
737.S76 Talpidae (Moles)
Tubulidentata
737.T75 General works
737.T8 Orycteropodidae (Aardvarks)
Ungulata
737.U4 General works
Artiodactyla (Even-toed ungulates)

Chordates. Vertebrates
Mammals
Systematic divisions. By order and family, A-Z
Ungulata
Artiodactyla (Even-toed ungulates) -- Continued
737.U5 General works
737.U52 Antilocapridae (Pronghorn)
737.U53 Bovidae
For domestic cattle, sheep, and goats see SF1+
737.U54 Camelidae (Camels)
737.U55 Cervidae (Deer)
737.U56 Giraffidae
737.U57 Hippopotamidae (Hippopotami)
737.U575 Moschidae (Musk deer)
737.U58 Suidae (Old World pigs)
For domestic swine see SF391+
737.U59 Tayassuidae (Peccaries)
737.U595 Tragulidae (Chevrotains)
Perissodactyla (Odd-toed ungulates)
737.U6 General works
737.U62 Equidae (Horses)
For domestic horses see SF277+
737.U63 Rhinocerotidae (Rhinoceroses)
737.U64 Tapiridae (Tapirs)
Xenarthra see QL737.E2+
738 Miscellany and curiosa
738.5 Genetics
739 Anatomy and morphology
For anatomy of domestic animals see SF761+
Cf. QL801+ Comparative anatomy
739.15 Cytology
Physiology
For physiology of domestic animals see SF768+
Cf. QP1+ Animal physiology
739.2 General works
739.23 Reproduction
739.25 Age determination
Behavior
739.3 General works
739.5 Migration
739.8 Ecology
Animal behavior
Class here general works on animal behavior and general works on particular types of animal behavior
For works on the behavior of special groups or individual animals, see QL360+
For comparative psychology and behavior of animals and humans see BF660+
For works on the behavior of special groups of domestic animals or individual domestic animals see SF756.7
750 Periodicals, societies, congresses, serial publications
750.3 Dictionaries and encyclopedias
750.5 History
751 General works, treatises, and textbooks
Cf. QH540+ General and animal ecology
Cf. SF1+ Animal culture
751.5 Juvenile works
751.6 Addresses, essays, lectures

Animal behavior -- Continued
751.65.A-Z Special aspects of the subject as a whole, A-Z
751.65.D37 Data processing
751.65.M3 Mathematical models
751.65.M32 Mathematics
751.65.S55 Simulation methods
751.65.S73 Statistical methods
751.7 Laboratory manuals
Special topics
Behavioral endocrinology. Endocrine aspects of animal behavior see QP356.45
752 Animal populations
For population studies of a particular group of animals, see systematic sections
Cf. QL607.6 Vertebrate population dynamics
Cf. QL618.3 Fish population dynamics
Cf. QL677.4 Bird population dynamics
Periodicity. Seasonal habits
753 General works
754 Migration. Migratory animals
Cf. QL496.2 Migration of insects
Cf. QL639.5 Migration of fishes
Cf. QL698.9 Migration of birds
Cf. QL739.3 Migration of mammals
755 Hibernation
Sleep behavior
755.3 General works
755.5 Nocturnal animals
Habitations
756 General works
756.15 Burrowing. Burrowing animals
756.2 Territoriality
Food
756.5 General works
756.55 Bloodsucking animals
756.56 Browsing
756.57 Cannibalism
756.6 Health behavior. Medicinal use
756.7 Drug use
756.8 Symbiosis
757 Parasitology
Cf. QL392.A1+ Helminthology
Cf. QL496.12 Parasitic insects and parasitoids
Cf. RC119+ Parasitic diseases of man
Cf. SF810.A3+ Parasitic diseases of animals
758 Predation. Predatory animals
Cf. SF810.5+ Predator control
758.5 Aggression. Agonistic behavior
Cf. QL100.5 Animal attacks
758.7 Reconciliation
759 Defense mechanisms
760 Grooming behavior
761 Sexual behavior
761.5 Familial behavior. Kin recognition
762 Parental behavior
762.5 Infanticide
Developmental behavior
763 General works

Animal behavior
Special topics
Developmental behavior -- Continued
763.2 Critical periods. Imprinting
763.5 Play behavior
765 Sound production. Vocalization
Cf. QL496.5 Insect sounds
767 Color
768 Animal tracks and signs
Including droppings
Cf. SK282 Tracking
775 Social relations. Animal societies
Cf. QL364.5 Coloniality
775.5 Altruistic behavior
776 Communication
780 Eliminative behavior
781 Instinct
781.3 Motivation
782 Navigation
Cf. QL698.8 Navigation by birds
782.5 Orientation
783 Swarming
Psychology. Intelligence. Learning
785 General works
785.2 Memory
Cf. QP406 Physiology
785.24 Number concept
785.25 Consciousness
785.27 Emotions
785.3 Extrasensory perception
(785.5) Special animals
see QL362+ or SF (Domestic animals)
Stories and anecdotes
For circus animals see GV1829+
For animals in television see PN1992.8.A58
For animals in motion pictures see PN1995.9.A5
For domesticated animals see SF1+
For wild animals as pets see SF459.A+
791 General works
793 Famous animals
795.A-Z Special. By common name of animal, A-Z
795.A35 African wild dog
795.A4 Alligators
795.A6 Antelopes
795.A8 Asses, Wild
795.B2 Badgers
795.B3 Bats
795.B4 Bears
795.B5 Beavers
795.B53 Bees
795.B57 Birds
Cf. SF460+ Cage birds
795.B6 Bison
Black eagle see QL795.B57
795.B8 Buffaloes
795.B85 Butterflies

Animal behavior
Stories and anecdotes
Special. By common name of animal, A-Z -- Continued

	Canada goose see QL795.B57
795.C2	Cats, Wild
	Cf. SF445.5 Stories about domestic cats
795.C3	Cattle, Wild
	Cf. SF197.4 Stories about domestic cattle
795.C5	Chamois
795.C54	Cheetahs
795.C57	Chimpanzees
795.C6	Coyotes
795.C65	Crabs
795.C67	Crocodiles
795.D3	Deer
795.D5	Dingoes
795.D6	Dogs
	Cf. SF426.2 Stories about domestic dogs
795.D7	Dolphins
	Ducks, Wild see QL795.B57
795.E4	Elephants
795.E94	European wildcat
795.F65	Fireflies
795.F7	Fishes
795.F8	Foxes
795.F85	Frogs
795.G3	Gazelles
795.G5	Gibbons
795.G55	Giraffe
795.G7	Gorillas
795.H3	Hamsters
795.H35	Hares
795.H4	Hedgehogs
795.H6	Hippopotami
795.H65	Hornets
795.H7	Horses, Wild
	Cf. SF301 Stories about domestic horses
795.J27	Jackals
795.J3	Jaguars
795.K3	Kangaroos
795.K62	Koalas
795.L5	Leopards
795.L7	Lions
795.L9	Lynxes
795.M3	Marmots
795.M37	Mice
795.M5	Minks
795.M57	Moles
795.M6	Mongooses
795.M7	Monkeys
795.M8	Moose
	Mules see SF362
795.M85	Musk-oxen
795.M87	Muskrats
795.O7	Orangutans
795.O8	Otters

Animal behavior
Stories and anecdotes
Special. By common name of animal, A-Z -- Continued
795.P18 Pandas
795.P2 Panthers
795.P28 Peccaries
795.P43 Peafowl
Ponies, Wild see QL795.H7
795.P6 Porcupines
795.P85 Pumas
Rabbits, Wild see QL795.H35
795.R15 Raccoons
795.R2 Rats
795.R4 Reindeer
795.R45 Rhinoceroses
795.R5 Ring-tailed phalangers
795.S3 Salamanders
Sea otters see QL795.O8
795.S43 Seals
795.S46 Sharks
795.S47 Shrews
795.S55 Skunks
795.S6 Sloths
795.S65 Snakes
795.S7 Squirrels
795.S9 Swine
795.T47 Thylacine
795.T5 Tigers
795.T8 Turtles
795.W4 Weasels
795.W5 Whales
795.W6 Wild boars
Wild dog, African see QL795.A35
795.W8 Wolves
795.W83 Wombats
795.Z42 Zebras
Morphology
Class here general works on animal form, structure, body size, etc.
For particular animals, see QL363+
799 General works, treatises, and textbooks
799.3 Juvenile works
799.5 Study and teaching. Research
Anatomy
Here are classified general works on comparative anatomy and special works on the anatomy of individual organs.
For works on the general anatomy or the anatomy of specific organs of special groups of animals, see the preceding systematic divisions or SF Domestic animals
For invertebrate anatomy see QL363
For human anatomy see QM1+
801 Periodicals, societies, congresses, serial publications
803 Collected works (nonserial)
803.3 Dictionaries
803.5 Nomenclature, terminology, notation, abbreviations
804 Early works through 1800
805 General works, treatises, and textbooks
806 Pictorial works and atlases

Anatomy -- Continued
806.5 Juvenile works
807 Comparative histology
For special tissues see QM559+
808 Addresses, essays, lectures
Study and teaching. Research
810 General works
810.5 Problems, exercises, examinations
811 Outlines, syllabi
Laboratory manuals
812 General works
812.5 Dissection
813.A-Z By laboratory animal, A-Z
For specific organs or parts of the body, see QL821+
813.C38 Cats
813.D64 Dogs
Dogfish shark see QL813.F57
813.F57 Fishes
813.F75 Frogs
813.G63 Goats
813.G73 Grasshoppers
813.H35 Hamsters
813.M55 Mice
813.M56 Minks
Perch see QL813.F57
813.P54 Pigs. Swine
813.R3 Rabbits
813.R37 Rats
Sharks see QL813.F57
813.S69 Squids
Museums. Exhibitions
814.A1 General works
814.A2-Z By region or country, A-Z
Subarrange each country by Table Q5
Skeleton. Osteology
For histology see QM569
821 General works
822 Skull
823 Catalogs of specimens
825 Articulations
827 Ligaments
831 Muscles
For histology see QM571
Vascular system
835 Blood vessels
838 Heart
841 Lymphatics
Respiratory organs
845 General works
846 Branchiae (Gills)
847 Tracheae in Arthropoda
848 Lungs
849 Pleura
851 Diaphragm
852 Respiratory passages
853 Larynx

Anatomy
Respiratory organs -- Continued
854 Trachea. Bronchi
855 Air sacs, swimming bladders, etc.
Digestive organs
856 General works
857 Mouth
858 Teeth
861 Pharynx. Esophagus. Tonsils
862 Stomach
863 Intestines
863.5 Peritrophic membranes
864 Peritoneum. Mesentery and omentum
Glands
865 Salivary glands
866 Pancreas
867 Liver
868 Ductless glands
Including spleen, thyroid, thymus, suprarenal, pineal, pituitary, carotid, etc.
Urogenital system
871 General works
Excretory organs
872 General works
872.5 Nephridia
872.7 Wolffian body
873 Kidneys
873.5 Ducts
874 Bladder
875 Urethra
Reproductive organs. Copulatory organs
876 General works
878 Male
881 Female
Nervous system
For histology see QM575
921 Periodicals, societies, congresses, serial publications
923 Collected works (nonserial)
925 General works, treatises, and textbooks
927 Laboratory manuals. Neurological technique
931 Neural elements: Cells, fibers, supporting structures, etc.
Central nervous system. Brain
933 General works, treatises, and textbooks
Special types
935 Invertebrate
937 Vertebrate
938.A-Z Special structures, A-Z
938.A35 Afferent pathways
938.B73 Brain stem
938.C46 Cerebral cortex
938.C47 Cerebral ventricles
938.D44 Dentate nucleus
938.D53 Diencephalon
938.D65 Dorsal ventricular ridge
938.H56 Hippocampus
938.H94 Hypothalamus
938.L55 Limbic system

Anatomy
Nervous system
Central nervous system. Brain
Special structures, A-Z -- Continued
938.M4 Mechanoreceptors
938.M43 Medial geniculate body
938.N45 Neocortex
938.N48 Neural crest
938.O44 Olivary nucleus
938.P7 Prosencephalon
938.R53 Rhinencephalon
938.S6 Spinal cord
938.T45 Thalamus
939 Peripheral nervous system. Sympathetic nervous system
940 Animal weapons for defense and offense
Integument. Skin
941 General works
942 Hair. Fur. Bristles. Whiskers. Scales. Nails. Hoofs. Horns
943 Skin glands. Odoriferous glands
944 Mammae
Sense organs
945 General works
945.5 Antennae
946 Tongue
947 Nose
948 Ear
949 Eye
Topographical and regional anatomy
950.1 General works, treatises, and textbooks
950.2 External form of the body
Trunk
950.3 General works
950.39 Buttocks
950.4 Neck
950.5 Head
950.6 Tail
Limbs
950.7 General works
950.75 Flippers
950.8 Wings
950.9 Segmental anatomy
950.95 Body cavities
Embryology
For special organs see QL821+
For human embryology see QM601+
951 Periodicals, societies, congresses, serial publications
952 Nomenclature, terminology, notation, abbreviations
953 History
Biography
954 Collective
954.2.A-Z Individual, A-Z
955 General works, treatises, and textbooks
Including general works on vertebrates or invertebrates
956 Pictorial works and atlases
956.5 Juvenile works
957 Laboratory manuals

Embryology -- Continued
Individual orders, genera, species, etc.
958 Invertebrate
959 Vertebrate
Special topics
961 Experimental embryology
962 Behavioral embryology
963 Chemical embryology
963.5 Cell differentiation
Cf. QH607+ Cytology
Germ cells
964 General works
965 Oogenesis and ovum
966 Spermatogenesis and spermatozoa
For fertilization see QP273
Development of the embryo
Including twins, multiple birth, etc.
971 General works
971.2 Organizer
973 Allantois. Placenta
975 Amnion. Amniotic fluid
977 Chorion
979 Myogenesis
979.5 Chondrogenesis
981 Metamorphosis
991 Teratology

Human anatomy
Class here only works that deal with human anatomy
For physical anthropology see GN49+
For comparative anatomy see QL801+
For works that include both human physiology and anatomy see QP1+

1 Periodicals, societies, congresses, serial publications
5 Collected works (nonserial)
7 Dictionaries and encyclopedias
Nomenclature, terminology, notation, abbreviations see QM81
11 History
Biography
16.A2 Collective
16.A3-Z Individual, A-Z
e.g.
16.L4 Leonardo da Vinci
16.V5 Vesalius
17 Directories
21 Early works through 1800
General works, treatises, and textbooks
23 1801-1969
23.2 1970-
24 Comparative anatomy of humans
Cf. GN281+ Human evolution. Man's place in nature
24.5 Anatomy of the child
Cf. RJ131+ Growth and development of children
25 Pictorial works and atlases
26 Popular works
27 Juvenile works
28 Special aspects of the subject as a whole
Study and teaching. Research
30 General works
31 Outlines, syllabi
32 Problems, exercises, examinations
33 Charts, manikins, etc.
By region or country
United States
33.1 General works
33.2.A-Z By region or state, A-Z
Subarrange each state by Table Q7
33.3.A-Z Other regions or countries, A-Z
Subarrange each country by Table Q7
Dissection
33.4 History
33.5 General works, treatises, and textbooks
34 Manuals of practical anatomy. Laboratory manuals
35 Outline guides
39 Laboratory technique
Laboratories
41 General works
43.A-Z By region or country, A-Z
Subarrange each country by Table Q6
Museums. Exhibitions
51.A1 General works
51.A2-Z By region or country, A-Z
Subarrange each country by Table Q5
71 Addresses, essays, lectures

81 Nomenclature, terminology, notation, abbreviations
100 Musculoskeletal system
Skeleton. Osteology
Cf. RA1059 Forensic osteology
101 General works
105 Skull
Cf. GN71+ Craniology
111 Vertebral column
113 Ribs and sternum
115 Hipbone and pelvis
117 Bones of the extremities
Articulations. Joints
131 General works
141 Ligaments
142 Articular cartilage
Muscles
151 General works
155 Of the head and neck
161 Of the trunk
165 Of the limbs
170 Tendons
Vascular system
For works on the blood vessels of a particular organ or system, see the organ or system
178 General works
181 Heart. Pericardium
191 Arteries and veins
197 Lymphatics
Organs of respiration and voice
251 General works
255 Larynx
Cf. QP306 Larynx physiology
257 Trachea. Bronchi
261 Lungs. Pleura
265 Diaphragm
Organs of digestion
301 General works
306 Mouth
311 Teeth
325 Salivary glands
331 Pharynx. Esophagus. Tonsils
341 Stomach
345 Intestines
351 Liver
352 Gallbladder
353 Pancreas
367 Peritoneum. Mesentery and omentum
Glands
Cf. QM325 Salivary glands
Cf. QM351 Liver
Cf. QM353 Pancreas
368 General works, treatises, and textbooks
371 Ductless glands
Including spleen, thyroid, thymus, suprarenal, pineal, pituitary, carotid
Urinary and reproductive organs
401 General works
404 Kidneys

Urinary and reproductive organs -- Continued
408 Ureters
411 Bladder
413 Urethra
416 Generative organs, Male
421 Generative organs, Female
431 Perineum
Nervous system
For works on the innervation of a particular organ or system, see the organ or system
451 General works
455 Brain
465 Spinal cord
469 Meninges
471 Peripheral nervous system. Sympathetic nervous system. Cranial nerves, etc.
Integument
481 General works
484 External skin
485 Bursae mucosae
488 Hair. Nails
491 Skin glands
495 Mammae
Sense organs
501 General works
503 Tongue
505 Nose
507 Ear
511 Eye
Regional anatomy
Including surgical and topographical anatomy
531 General works, treatises, and textbooks
Special regions
535 Head and neck. Jaws
Trunk
540 General works
541 Thorax
543 Abdomen
Limbs
548 Upper. Arm and hand
549 Lower. Leg and foot
Human and comparative histology
Including microscopic anatomy and ultrastructure
For general comparative histology see QL807
550 Periodicals, societies, congresses, serial publications
550.2 Dictionaries and encyclopedias
Biography
550.5 Collective
550.6.A-Z Individual, A-Z
551 General works, treatises, and textbooks
Study and teaching. Research
552 General works
553 Outlines, syllabi
554 Problems, exercises, examinations
555 Laboratory manuals
Laboratory technique
556 General works
556.5.A-Z Special methods, A-Z

Human and comparative histology
Laboratory technique
Special methods, A-Z -- Continued
Embedding, Plastic see QM556.5.P53
556.5.F5 Fixation
556.5.L9 Lyophilization
556.5.P53 Plastic embedding
557 Pictorial works and atlases
Special tissues
559 Pigment
561 Epithelium
Cf. QP88.4 Physiology
562 Endothelium
Cf. QP88.45 Physiology
563 Connective tissues
565 Adipose tissues
567 Cartilaginous tissues
569 Bony tissues
Including bone marrow
569.5 Hematopoietic system
570 Blood vessels
570.5 Heart
570.7 Lympathics
571 Muscular tissues
575 Nerve tissues
575.5 Blood-brain barrier
576 Endocrine glands
Generative organs
577 General works
577.4 Male
577.8 Female
Human embryology
601 General works, treatises, and textbooks
602 Pictorial works and atlases
603 Popular works
608 Research. Experimentation
611 Special topics (not A-Z)
Teratology
Cf. GT6730 Manners and customs
690 Early works through 1800
691 1801-
695.A-Z By region, system, or organ of the body, A-Z
Class clinical aspects in R
695.B36 Basicranium
695.B7 Brain
695.C37 Cardiovascular system
695.E95 Extremities
695.F32 Face
695.G45 Generative organs
695.N45 Nervous system
695.P76 Prosencephalon
695.U74 Urinary organs
695.V55 Viscera

Physiology
For the physiology of special animals or groups of animals see the systematic divisions QL364+
Cf. GN221+ Physiological anthropology
1 Periodicals, societies, congresses, serial publications
6 Collected works (nonserial)
11 Dictionaries and encyclopedias
13 Nomenclature, terminology, notation, abbreviations
21 History
Biography
25 Collective
26.A-Z Individual, A-Z
e.g.
26.H3 Harvey
26.P35 Pavlov
29 Early works through 1800
General works, treatises, and textbooks
31 1801-1969
31.2 1970-
33 Comparative physiology
33.5 Special aspects of the subject as a whole
33.6.A-Z Special topics, A-Z
33.6.C48 Chaotic processes
33.6.D38 Data processing
33.6.M36 Mathematical models
Human physiology
Including general works on human biology
General works, treatises, and advanced textbooks
34 Through 1969
34.5 1970-
35 Handbooks, manuals, etc.
36 School textbooks of physiology and hygiene
37 Juvenile works
38 Popular works
Study and teaching. Research
Cf. RA440+ Hygiene
39 General works
40 Problems, exercises, examinations
41 Outlines, syllabi
Experimental physiology
42 Elementary works
Including laboratory manuals
43 Advanced works
44 Laboratory manuals
Data processing see QP33.6.D38
45 Vivisection
Cf. HV4905+ Anti-vivisection
47.A-Z By region or country, A-Z
Laboratories
51 General works
53.A-Z By region or country, A-Z
Subarrange each country by Table Q6
54 Technique
55 Instruments and apparatus
71 Addresses, essays, lectures
77 Miscellany and curiosa
Phenomena of animal life (General)

Phenomena of animal life (General) -- Continued
81 General works
81.5 Sex differences
81.6 Sexual orientation. Homosexuality
Influence of the environment (General). Animal ecophysiology. Physiological adaptation
Cf. GF1+ Human ecology
82 General works
82.2.A-Z Special topics, A-Z
82.2.A2 Acceleration
82.2.A3 Air pollution
82.2.A36 Allostasis
82.2.A4 Altitude
Anoxemia see QP177
Biomagnetism see QP82.2.M3
82.2.C5 Climate. Weather
Cf. QP82.2.H8 Humidity
Cf. QP82.2.T4 Temperature
82.2.C6 Cold
82.2.E4 Electrolytes
82.2.E43 Electromagnetic waves
82.2.G35 Gamma waves
82.2.G7 Gravity
82.2.H4 Heat
82.2.H44 Heavy metals
82.2.H45 Heavy particles
82.2.H8 Humidity
Immersion in water see QP82.2.W35
82.2.I45 Infrasonic waves
82.2.I5 Ionized air
82.2.I53 Ionizing radiation
82.2.L3 Lasers
82.2.L5 Light
82.2.M3 Magnetism
82.2.M5 Microwaves
82.2.M54 Millimeter waves
82.2.N6 Noise
82.2.N64 Nonionizing radiation
82.2.P4 Pesticides
82.2.P6 Pollution
82.2.P7 Pressure
82.2.R3 Radiation
Radiation, Ionizing see QP82.2.I53
Radiation, Nonionizing see QP82.2.N64
Radiation, Ultraviolet see QP82.2.U4
82.2.R33 Radio waves
82.2.S8 Stress (Physiology)
82.2.T4 Temperature
Cf. QP82.2.C6 Cold
Cf. QP82.2.H4 Heat
Cf. QP135 Thermoregulation
Traffic and wildlife see HE5620.W54
82.2.U37 Ultrasonic waves
82.2.U4 Ultraviolet rays
82.2.U45 Underwater physiology
Cf. RC1015 Human underwater physiology
82.2.V5 Vibration

Phenomena of animal life (General)
Influence of the environment (General). Animal ecophysiology. Physiological adaptation
Special topics, A-Z -- Continued
82.2.W35 Water immersion
82.2.W36 Water pollution
Weather see QP82.2.C5
82.2.W4 Weightlessness
Cf. RC1151.W44 Human space physiology
Developmental physiology
Cf. QL971+ Animal fetal development
Cf. RG600+ Human fetal development
Cf. RJ131+ Children
Cf. RJ140+ Adolescents
Cf. RJ252 Infants
83.8 General works, treatises, and textbooks
84 Growth
84.4 Puberty
84.6 Chronobiology. Periodicity. Biorhythms
For special applications, see the field, e.g. T55.3.B56 Industrial safety
85 Longevity. Prolongation of life
86 Aging. Senescence
Cf. QH608 Cell aging
Cf. RC580.P7 Progeria
Cf. RC952+ Geriatrics
87 Death
Cf. QH671 Cell death
Physiology of the tissues (General)
Including physical and chemical properties
88 General works
88.15 Adipose tissues. Brown adipose tissue
Cf. QM565 Histology
88.2 Bone
88.23 Connective tissues
88.3 Hair. Fur. Wool
88.4 Epithelium
Cf. QM561 Histology
88.45 Endothelium
Cf. QP88.45 Histology
Muscle see QP321+
Nerve see QP361+
88.5 Skin
Cf. QP220+ Skin secretions
Cf. QP369+ Skin nerves
Cf. QP372.9 Galvanic skin response
Cf. QP450+ Cutaneous senses
88.6 Teeth
Cf. QP149 Mastication
89 Transplantation
Cf. RD120.6+ Surgery
90 Rejuvenation
90.2 Regeneration
90.4 Homeostasis
90.5 Body fluids
For lymph see QP115
For secretions see QP190+
For cerebrospinal fluid see QP375

90.6 Osmoregulation
90.7 Acid-base equilibrium
Blood
91 General works
92 Formation. Hematopoiesis. Bone marrow
Composition and chemistry
93 General works
Coagulation
Including fibrin, fibrinogen, thrombin, prothrombin, thromboplastin
93.5 General works
93.7.A-Z Special factors, A-Z
93.7.A58 Antithrombins
93.7.P76 Protein C
93.7.T45 Thrombomodulin
93.7.V65 Von Willebrand factor
Corpuscles and platelets
94 General works
Leucocytes. White blood cells
Cf. QR185.8.L48 Immunology
95 General works
95.2 Basophils
95.3 Eosinophils
Cf. QR185.8.E58 Immunology
95.4 Granulocytes
Cf. QR185.8.G73 Immunology
95.5 Lymphocytes
Cf. QR185.8.L9 Immunology
95.7 Monocytes
95.8 Neutrophils
Cf. QR185.8.N47 Immunology
Erythrocytes. Red blood cells
96 General works
96.5 Hemoglobin
Cf. QP99.3.G55 Glycosylated hemoglobin
Cf. RC641.7.H35 Hemoglobinopathy
96.7 Reticulocytes
Platelets
Cf. QR185.8.P58 Immunology
97 General works
97.5 Megakaryocytes
98 Blood groups
99 Plasma and serum
99.3.A-Z Special constituents, A-Z
99.3.A4 Albumins
99.3.A45 Alpha macroglobulins
Antithrombins see QP93.7.A58
99.3.A65 Apolipoproteins
Including individual apolipoproteins
99.3.B5 Blood sugar
99.3.C3 Carbon dioxide
Fibrin and fibrinogen see QP93.5+
99.3.G3 Gases
Cf. RB45.2 Examination of blood gases
99.3.G55 Glycosylated hemoglobin
99.3.H3 Haptoglobin
99.3.H35 Hematin

Blood
Special constituents, A-Z -- Continued
99.3.H37 Hematoblasts
99.3.H4 Hemocyanin
99.3.H45 Hemoerythrin
Hemoglobin see QP96.5
99.3.H53 High density lipoproteins
99.3.L5 Lipids
99.3.L52 Lipoproteins
99.3.L68 Low density lipoproteins
99.3.O6 Oocytin
99.3.O9 Oxygen
99.3.P5 Pigments
Platelet activating factor see QP752.P62
99.3.P7 Proteins
Prothrombin see QP93.5+
Thrombin and thromboplastin see QP93.5+
99.3.T72 Trace elements
99.5.A-Z Other special, A-Z
99.5.A3 Agglutination
99.5.E5 Electrophoresis
99.5.H4 Hemolysis
99.5.S4 Sedimentation
Cardiovascular system. Circulation
101 General works, treatises, and textbooks
101.2 Periodicals, societies, congresses, serial publications
101.3 Collected works (nonserial)
101.4 History of discovery and ideas on circulation. Harvey
(102) General works
see QP101
103 Juvenile works
104 Study and teaching. Research
Hemodynamics
Including pressure, velocity, flow, viscosity, etc.
105 General works
105.15 Rheology
105.2 Measurement of pressure
105.4 Measurement of flow
Systemic system
106 General works
106.2 Arterial. Aorta
106.4 Venous
106.6 Microcirculation. Capillaries
Special systems
107 Pulmonary system
108 Coronary system
108.5.A-Z Other, A-Z
108.5.C4 Cerebral circulation
Including regional cerebral blood flow
108.5.P45 Peripheral circulation
Regional cerebral blood flow see QP108.5.C4
109 Vasomoter control. Baroreflexes
110.A-Z Other special topics, A-Z
110.A37 Adrenergic receptors
110.A7 Artificial circulation
110.B5 Blood volume

Cardiovascular system. Circulation
Other special topics, A-Z -- Continued
110.C64 Collateral circulation
110.G45 Gene expression
110.R3 Radiation effects
110.V34 Vascular endothelium
110.V37 Vascular muscle
110.V38 Vascular resistance
Heart
(111) General works
see QP111.4
111.2 Periodicals, societies, congresses, serial publications
111.3 Collected works (nonserial)
111.4 General works, treatises, and textbooks
111.5 Pictorial works and atlases
111.6 Juvenile works
Study and teaching. Research
112 General works
Research techniques
112.4 General works
112.5.A-Z Special, A-Z
112.5.A55 Animal models
112.5.C3 Cardiography
112.5.E4 Electrocardiography
112.5.E46 Electrophysiology
112.5.M33 Magnetocardiography
112.5.N83 Nuclear magnetic resonance
112.5.R6 Radiography
113 Cardiac dynamics
Including beat, rate, output, acceleration, rhythm
113.2 Myocardium
For specific myocardial characteristics see QP114.A+
113.4 Nervous control
113.6 Cardiovascular sound
114.A-Z Other special topics, A-Z
114.A32 Adaptation
114.A35 Aging
114.A57 Aortic valve
114.A75 Arrest, Cardiac
Cardiac arrest see QP114.A75
Cardiac membranes see QP114.M46
114.C37 Cardiogenic reflexes
114.C44 Cells
114.C5 Chemical effects
Cold see QP114.H94
114.C65 Conduction system
114.D5 Diastole
114.D54 Dilatation
114.E53 Endocardium
114.E9 Exercise effects
Heart cells see QP114.C44
Heart membranes see QP114.M46
114.H6 Hormone control
114.H94 Hypothermia. Cold
114.I8 Isolation. Survival
114.L94 Lymphatics

Heart
Other special topics, A-Z -- Continued
114.M43 Mechanical properties
114.M46 Membranes
114.M48 Metabolism
114.M65 Molecular biology
114.R3 Radiation effects
114.R43 Receptors
Reflexes, Cardiogenic see QP114.C37
114.R45 Regeneration
115 Lymph and lymphatic system
Cf. QP114.L94 Heart lymphatics
Cardiopulmonary system
119.A1 Periodicals, societies, congresses, serial publications
119.A4-Z General works, treatises, and textbooks
120.A-Z Special topics, A-Z
120.M39 Maximal oxygen uptake
Respiration. Respiratory organs
Cf. QP177 Oxygen and metabolism
Cf. RA782 Breathing and exercises
121.A1 Periodicals, societies, congresses, serial publications
121.A4-Z General works, treatises, and textbooks
123 Regulation of respiration
123.5 Cough
123.8 Sneezing
124 Pulmonary gas exchange
125 Trachea
135 Thermoregulation. Animal heat. Body temperature
Cf. QP82.2.T4 Ambient temperature
136 Appetite
Hunger and thirst
Cf. RC620+ Deficiency diseases
137 General works
Hunger
138 General works
138.5 Starvation
139 Thirst
Nutrition
Cf. RA784 Personal hygiene
Cf. RG559 Pregnancy
Cf. RM214+ Diet therapy
Cf. SF94.5+ Animal culture. Feeding and feeds
Cf. TX551+ Home economics
141.A1 Periodicals, societies, congresses, serial publications
141.A2-Z General works, treatises, and textbooks
Study and teaching. Research
143 General works
Research techniques
143.4 General works
143.5.A-Z Special, A-Z
143.5.A58 Anthropometric assessment
143.5.M37 Mathematical models
143.5.R33 Radioactive tracers
143.5.S73 Stable isotope tracers
143.7 Nutrient interactions
144.A-Z Other special topics, A-Z

Nutrition
Other special topics, A-Z -- Continued
144.A77 Avocado
144.B48 Beverages
144.C46 Chocolate. Cocoa
144.C58 Citrus fruit
Cocoa see QP144.C46
144.C63 Coconut
Dairy products see QP144.M54
144.E44 Eggs
144.F52 Fiber
144.F56 Fish. Seafood. Marine products
144.F78 Fruit
144.F85 Functional foods
144.G45 Genetics
144.G73 Grain
Marine products see QP144.F56
144.M43 Meat
144.M54 Milk. Dairy products
144.O44 Oilseeds. Vegetable oils
Including individual oilseeds and vegetable oils
144.R53 Rice
Seafood see QP144.F56
Vegetable oils see QP144.O44
144.V44 Vegetables
Physiology of the digestive tract. Digestion
145 General works
Special organs
Mouth. Pharynx. Esophagus
Cf. QP88.6 Teeth
Cf. QP188.S2 Salivary glands
146 General works
147 Ingestion. Eating
148 Deglutition
149 Mastication
150 Drinking
151 Stomach
Cf. QP193 Gastric juice
156 Intestines
157 Peritoneum. Mesentery and omentum
159 Feces
165 Absorption
Metabolism
Cf. QH634.5 Cell metabolism
171 General works
176 Energy metabolism
177 Relation of oxygen to metabolism
Including oxidation, anoxemia, etc.
180 Gastrointestinal motility
185 Liver. Gallbladder
Cf. QP197 Bile
185.3 Bile ducts
Glands
186 General works

Glands -- Continued
Endocrinology. Endocrine glands
Cf. QP252+ Reproductive endocrinology
Cf. QP356.4 Neuroendocrinology
Cf. QP356.45 Behavioral endocrinology
Cf. RC648+ Endocrine diseases
187.A1 Periodicals, societies, congresses, serial publications
187.A4-Z General works, treatises, and textbooks
187.3.A-Z Special topics, A-Z
187.3.A28 Adaptation
187.3.A34 Aging
187.3.C44 Cellular control mechanisms
187.3.D38 Data processing
187.3.E93 Exercise
187.3.M36 Mathematical models
187.3.M64 Molecular endocrinology
187.3.S42 Second messengers
187.5 Endocrine genetics
187.6 Developmental endocrinology
Individual endocrine glands see QP188.A+
Exocrine glands
187.7.A1 Periodicals, societies, congresses, serial publications
187.7.A4-Z General works, treatises, and textbooks
188.A-Z Special glands, A-Z
188.A28 Adrenal cortex
188.A3 Adrenal glands
188.A33 Adrenal medulla
188.A6 Aortic paraganglia
188.C35 Chromaffin cells
188.H88 Hypothalamic-pituitary-adrenal axis
188.H9 Hypothalamo-hypophyseal system
Cf. QP188.P58 Pituitary gland
Cf. QP356.4 Neuroendocrinology
Cf. QP383.7+ Hypothalamus
Islands of Langerhans see QP188.P26
188.M3 Mammary glands
Cf. QP246 Milk
188.P26 Pancreas. Islands of Langerhans
Cf. QP195 Pancreatic juice
188.P3 Parathyroid gland
188.P55 Pineal body
188.P58 Pituitary gland
Cf. QP188.H9 Hypothalamo-hypophyseal system
188.S2 Salivary glands
Cf. QP191 Saliva
188.S26 Salt glands
188.S43 Sebaceous glands
Cf. QP222 Sebum
188.S7 Spleen
188.S9 Sweat glands
Cf. QP221 Sweat
188.T4 Tear glands. Lacrimal organs
Cf. QP231 Tears
188.T5 Thymus gland
188.T54 Thyroid gland
Secretions

Secretions -- Continued
190 General works, treatises, and textbooks
Digestive organs and glands secretions
190.7 General works, treatises, and textbooks
191 Saliva
193 Gastric juice
Cf. QP552.G35 Gastric intrinsic factor
195 Pancreatic juice
197 Bile
Cf. QP671.B5 Bile pigments
Cf. QP752.B54 Bile acids
211 Urinary organs secretions. Urine
215 Mucous membrane secretions. Mucus
Skin secretions
220 General works, treatises, and textbooks
221 Sweat
222 Sebum
231 Lacrimal organ secretions. Tears
Other
235 Venom
246 Milk
246.5 Synovial fluid
Urinary and reproductive organs
247 General works
Urinary organs
Cf. QP211 Urine
248 General works
249 Kidneys
250 Ureters
250.5 Bladder
250.8 Urethra
Reproduction. Physiology of sex
Cf. HQ31+ Sex instruction
Cf. QP81.6 Sexual orientation. Homosexuality
Cf. RA788 Sexual health
251 General works, treatises, and textbooks
251.5 Juvenile works
Reproductive endocrinology
Cf. RG159+ Endocrine gynecology
Cf. RG558.5 Obstetrical endocrinology
Cf. RG616 Fetus
252 General works
252.5 Reproductive immunology
Cf. RG557 Obstetrics
Male sex physiology
253 General works, treatises, and textbooks
255 Testes and semen
Cf. QL966 Spermatogenesis
257 Accessory male organs
Female sex physiology
259 General works, treatises, and textbooks
261 Ovary and ovulation
Cf. QL965 Oogenesis
262 Uterus
263 Menstruation
Cf. RJ140+ Physiology of adolescents

Urinary and reproductive organs
Reproduction. Physiology of sex
Female sex physiology -- Continued
265 Accessory female organs
267 Hermaphroditism
273 Fertilization. Fecundation
For fertility see QP251
275 Ovum implantation
277 Physiology of the embryo
Cf. QL951+ Embryology (Zoology)
Cf. QM601+ Human embryology
Cf. RG610+ Human fetus
278 Sex differentiation
278.5 Sex determination. Genetic sex determination
Cf. QH600.5 Sex chromosomes
Cf. RG566 Determination of sex during pregnancy
278.53 Environmental sex determination
Including temperature-dependent sex determination
279 Sex preselection
280 Viviparity. Ovoviviparity
281 Gestation
Cf. RG499.2+ Obstetrics
285 Parturition
Cf. RG651+ Labor
Musculoskeletal system. Movements
Including physiology of exercise
Cf. GN231+ Physical anthropology
Cf. QP114.E9 Exercise effects on heart
Cf. QP187.3.E93 Endocrinology
Cf. RC1235+ Physiology of sports
301 General works, treatises, and textbooks
303 Mechanics. Kinesiology
306 Voice and speech. Larynx
Cf. BF463.S64 Speech perception
Cf. MT821 Voice culture
Cf. QM255 Larynx anatomy
Cf. RC280.T5 Laryngeal tumors
Cf. RC423+ Speech disorders
Cf. RF510+ Laryngeal diseases
Cf. TK7895.S65 Speech recognition systems
309 Work physiology
310.A-Z Other special movements, A-Z
310.C5 Ciliary motion
310.C55 Climbing
310.D35 Dancing
Deglutition see QP148
310.F5 Flight
310.G34 Galloping
Cf. SF289 Horses
(310.H36) Hand movements
see QP334
(310.H43) Head movements
see QP325
Ingestion see QP147
310.I7 Irritability
310.J86 Jumping

Musculoskeletal system. Movements
Other special movements, A-Z -- Continued
Mastication see QP149
310.P5 Phototropism
310.R45 Rhythmic movements
310.R85 Running
310.S45 Skipping
(310.S65) Spinal movements
see QP330
310.S77 Stretching
310.S95 Swimming
310.T9 Typewriting
310.W3 Walking
310.W7 Writing
310.3 Posture
310.5 Hypokinesia. Inactivity
311 Miscellany and curiosa
Muscle
Cf. QP113.2 Myocardium
321 General works
321.5 Smooth muscle
Cf. QP110.V37 Vascular muscle
322 Sphincters
323 Joints
By region
Head and neck
325 General works
327 Face
330 Spine
Upper extremities
333 General works
334 Hand
Lower extremities
335 General works
336 Foot
341 Electrophysiology
Cf. QL639.1 Fishes
Cf. QP372.9 Galvanic skin response
Cf. QP447.5 Electroreceptors
345 Magnetic field generation
Neurophysiology and neuropsychology
351 Periodicals, societies, congresses, serial publications
352 Collected works (nonserial)
352.5 Dictionaries and encyclopedias
353 History
Biography
353.3 Collective
353.4.A-Z Individual, A-Z
354 Early works through 1800
General works, treatises, and textbooks
355 1801-1969
355.2 1970-
356 Special aspects of the subject as a whole
356.15 Comparative neurobiology
356.2 Molecular neurobiology
356.22 Neurogenetics

Neurophysiology and neuropsychology -- Continued
356.25 Developmental neurophysiology
356.3 Neurochemistry. Brain chemistry
356.4 Neuroendocrinology
Cf. QP188.H9 Hypothalamo-hypophyseal system
356.45 Psychoneuroendocrinology. Behavioral endocrinology
356.47 Neuroimmunology
356.5 Radiation effects on the nervous system
357 Laboratory manuals
Cf. BF79 Psychology laboratory manuals
357.5 Data processing
359 Miscellany and curiosa
Neuropsychology. Physiological psychology. Psychophysiology
Cf. BF1+ Psychology
360 General works
360.5 Cognitive neuroscience
360.6 Neuroanthropology
360.7 Neuroergonomics
Nervous system
361 General works, treatises, and textbooks
361.5 Juvenile works
363 Miscellaneous general functions
Including excitation, impulse propagation, etc.
363.2 Neuroglia
363.3 Neural circuitry. Neural networks
363.5 Neurogenesis. Developmental neurobiology
364 Synapses
364.5 Neural transmission
364.7 Neurotransmitters. Neurotransmitter receptors
Including white matter
365 Inhibition (General)
365.2 Sensitization
Peripheral nervous system
365.5 General works
Cerebrospinal nerves
366 Cranial nerves
367 Spinal nerves
Autonomic nervous system
368 General works
368.5 Sympathetic nervous system
368.7 Parasympathetic nervous system
368.8 Autonomic ganglia. Paraganglia
Somatic nervous system. Muscle and skin nerves
369 General works
369.5 Neuromuscular transmission. Myoneural junction
Central nervous system
370 General works
370.5 Pyramidal tract. Extrapyramidal tracts
371 Spinal cord
Reflexes
Cf. QP416 Conditioned response
372 General works
372.5 Stretch reflex
372.6 Startle reflex
372.8 Visceral reflex
372.9 Galvanic skin response

Neurophysiology and neuropsychology
Nervous system
Central nervous system -- Continued
(374) Other special topics (not A-Z)
375 Cerebrospinal fluid
375.5 Blood-brain barrier. Choroid plexus
Brain
Cf. QP108.5.C4 Cerebral circulation
Cf. QP356.3 Neurochemistry
376 General works
376.5 Electroencephalography
376.6 Imaging
Brain stem
376.8 General works
377 Medulla oblongata
377.5 Pons Varolii
Midbrain. Mesencephalon
378 General works
378.3 Substantia nigra
378.4 Periaqueductal gray matter
379 Cerebellum
Cerebrum. Cerebral hemispheres
381 General works
382.A-Z Special lobes, A-Z
382.F7 Frontal
382.O22 Occipital
382.P3 Parietal
382.T4 Temporal
382.2 Corpus callosum
Cortex
383 General works
383.12 Neocortex
383.15 Sensorimotor cortex
383.17 Prefrontal cortex
383.2 Limbic system
383.25 Hippocampus
Basal ganglia
383.3 General works
383.5 Thalamus. Optic thalamus
383.6 Claustrum
Hypothalamus
Cf. QP188.H9 Hypothalamo-hypophyseal system
383.7 General works
383.8 Suprachiasmatic nucleus
383.9 Corpus striatum
384.3 Encephalic photoreceptors
Localization of functions
385 General works
385.5 Cerebral dominance
388 Brain stimulation techniques
Time relations of central processes, reaction time, etc. see BF317
Association of ideas see BF365+
395 Higher nervous activity
396 Information processing
398 Intellect
Cf. BF431+ Psychology

Neurophysiology and neuropsychology
Nervous system
Central nervous system
Brain -- Continued
399 Language. Speech
Cf. BF455+ Psychology
Cf. QP306 Speech
401 Emotions. Pleasure and pain
Cf. BF511 Psychology
402 Personality
405 Attention and volition
406 Memory
Cf. BD181.7 Philosophy
Cf. BF370+ Psychology
408 Learning
Cf. BF318 Psychology
Cf. LB1060+ Education
409 Motivation
Cf. BF501+ Psychology
411 Consciousness, subconsciousness, and unconsciousness
416 Conditioned response
421 Fatigue
Cf. BF482 Psychology
Cf. QP321+ Muscle
Sleep. Hypnotic conditions, etc.
425 General works
426 Dreaming
Cf. BF1074+ Parapsychology
427 Napping
430 Other special topics (not A-Z)
Senses. Sensation. Sense organs
Cf. BF231+ Psychology
Cf. QP137+ Hunger and thirst
431 General works, treatises, and textbooks
434 Juvenile works
435 General special
Perceptual process
441 General works
442 Intersensory effects. Multisensory processing
Multisensory processing see QP442
443 Space
Including orientation
Cf. QP471+ Equilibrium
Cf. QP491+ Visual space perception
445 Time
Sensory receptors
447 General works
Chemoreceptors see QP455+
447.5 Electroreceptors
447.7 Magnetoreceptors
Nociceptors see QP451.4
447.8 Photoreceptors
For encephalic photoreceptors see QP384.3
Proprioceptors see QP454
Thermoreceptors see QP451.6
Special senses

Neurophysiology and neuropsychology
Senses. Sensation. Sense organs
Special senses -- Continued
Somesthesia
448 General works
Cutaneous senses
450 General works
451 Touch
451.2 Pressure
451.4 Pain
Including nociceptors
451.6 Temperature
Including thermoreceptors
454 Proprioception. Sense of movement. Muscular sense
Chemical senses. Chemoreceptors
455 General works
456 Taste
458 Smell
Hearing. Physiological acoustics
Cf. ML3820+ Physiology of music
Cf. QC221+ Sound (Physics)
460 Periodicals, societies, congresses, serial publications
461 General works, treatises, and textbooks
462 Popular works
462.2 Juvenile works
463 Limits of hearing
(464) Speech perception
see BF463.S64
465 Pitch and tone perception and discrimination
467 Rhythm. Melody
469 Localization of sound
469.3 Bone conduction
Equilibrium. Labyrinths of the ear
471 General works
471.2 Cochlea
Vision. Physiological optics
Cf. RE1+ Ophthalmology
474 Periodicals, societies, congresses, serial publications
475 General works, treatises, and textbooks
475.5 Popular works
475.7 Juvenile works
Eyeball
476 General works
476.3 Intraocular pressure
477 Accommodation. Refraction
477.5 Movement
477.8 Cornea
478 Lens
479 Retina
Light perception and discrimination
481 General works
482 Night vision
482.5 After-images
483 Color vision
Binocular vision
487 General works

Neurophysiology and neuropsychology
Senses. Sensation. Sense organs
Special senses
Vision. Physiological optics
Binocular vision -- Continued
487.5 Binocular rivalry
Visual space perception
491 General works
492 Form, solidity, size
493 Movement
494 Peripheral vision
495 Optical illusions
Animal biochemistry
For works limited to chemical aspects of biological materials see QD415+
Cf. QH345 General biochemistry and plants and animals
Cf. QR148 Microbiological chemistry
Cf. RB112.5 Clinical biochemistry
Cf. RS400+ Pharmaceutical chemistry
501 Periodicals, societies, congresses, serial publications
509 Collected works (nonserial)
History
511 General works
511.5.A-Z By region or country, A-Z
Biography
511.7 Collective
511.8.A-Z Individual, A-Z
512 Dictionaries and encyclopedias
513 Early works through 1800
General works, treatises, and textbooks
514 1801-1969
514.2 1970-
517.A-Z Special topics, A-Z
517.A55 Allosteric regulation
517.B42 Binding sites
517.B44 Bioactive compounds
517.B48 Biochemical templates
517.B49 Bioconjugates
517.B5 Biodegradation
517.B53 Bioelectrochemistry
517.B54 Bioenergetics
Bioluminescence see QH641
517.B56 Biomimetics
517.B57 Biosynthesis
Biothermodynamics see QP517.T48
517.B58 Biotransformation
517.C45 Cellular signal transduction
Including second messengers
517.C49 Charge transfer in biology
517.C54 Chemiluminescence
517.C57 Chirality
Computer simulation see QP517.M3
517.C66 Cooperative binding
517.C78 Cryobiochemistry
517.D57 Dissociation
517.F66 Fossil biomolecules
517.H53 High pressure biochemistry

Animal biochemistry
Special topics, A-Z -- Continued
517.H93 Hydrogen bonding
517.L54 Ligand binding
517.M3 Mathematical models. Computer simulation
517.M65 Molecular dynamics
517.M66 Molecular orbitals
517.M67 Molecular recognition
517.P45 Photobiochemistry
517.P49 Physical biochemistry
517.P76 Protein binding
517.Q34 Quantum biochemistry
517.R4 Reaction rates
517.R48 Rheology
Second messengers see QP517.C45
Signal transduction, Cellular see QP517.C45
517.S83 Stereochemistry
517.S85 Structure-activity relationships
Cf. RM301.42 Pharmacology
517.S87 Surface chemistry
Templates, Biochemical see QP517.B48
517.T48 Thermodynamics
517.5 Biological chemistry as a profession. Vocational guidance
Study and teaching. Research
518 General works
518.3 Outlines, syllabi
518.5 Problems, exercises, examinations
519 Laboratory manuals
Technique. Analytical biochemistry
519.7 General works
519.9.A-Z Special methods, A-Z
519.9.A35 Affinity chromatography
519.9.A36 Affinity electrophoresis
519.9.A37 Affinity labeling
519.9.A94 Autoradiography
519.9.B55 Bioluminescence assay
519.9.B84 Buffer solutions
519.9.C34 Calorimetry
519.9.C36 Capillary electrophoresis
519.9.C37 Capillary liquid chromatography
519.9.C44 Centrifugation
Centrifugation, Density gradient see QP519.9.D45
519.9.C47 Chromatography
Chromatography, Affinity see QP519.9.A35
Chromatography, Countercurrent see QP519.9.C68
Chromatography, Gas see QP519.9.G37
Chromatography, Gel permeation see QP519.9.G44
Chromatography, High performance liquid see QP519.9.H53
Chromatography, Ion exchange see QP519.9.I54
Chromatography, Liquid see QP519.9.L55
Chromatography, Thin layer see QP519.9.T55
519.9.C57 Circular dichroism
519.9.C68 Countercurrent chromatography
519.9.D45 Density gradient centrifugation
519.9.E42 Electrochemical analysis
519.9.E43 Electrodes, Ion selective

Animal biochemistry
Technique. Analytical biochemistry
Special methods, A-Z -- Continued

519.9.E433	Electron paramagnetic resonance spectroscopy
519.9.E4333	Electron probe microanalysis
519.9.E434	Electrophoresis
519.9.E46	Enzymatic analysis
519.9.E48	Enzyme-linked immunosorbent assay
519.9.F52	Flash photolysis
519.9.F55	Flow injection analysis
519.9.F56	Fluorescence spectroscopy. Fluorescent probes
519.9.F58	Fluorimetry
519.9.G37	Gas chromatography
519.9.G42	Gel electrophoresis
519.9.G44	Gel permeation chromatography
519.9.H53	High performance liquid chromatography
519.9.I42	Immunoassay
519.9.I43	Immunoblotting
	Immunoblotting, Western see QP519.9.W47
	Immunoelectrophoresis see QR187.I47
519.9.I44	Immunoenzyme technique
519.9.I48	Infrared spectroscopy
519.9.I54	Ion exchange chromatography
519.9.I8	Isoelectric focusing
519.9.I84	Isotachophoresis
519.9.I87	Isotopes
519.9.L37	Laser spectroscopy
519.9.L55	Liquid chromatography
	Liquid chromatography, High performance see QP519.9.H53
519.9.L82	Luminescence immunoassay
519.9.L84	Luminescence spectroscopy
519.9.M3	Mass spectrometry
519.9.M64	Molecular probes
519.9.N8	Nuclear activation analysis
519.9.N83	Nuclear magnetic resonance spectroscopy
519.9.P48	Photoaffinity labeling
	Photolysis, Flash see QP519.9.F52
519.9.P68	Positron emission tomography
519.9.P84	Pulsed-field gel electrophoresis
	Radioactivation analysis see QP519.9.N8
519.9.R28	Radioactive tracers
519.9.R3	Radioimmunoassay
519.9.R34	Radioligand assay
519.9.R36	Raman spectroscopy
519.9.S45	Separation (Technology)
519.9.S58	Spectrophotometry
519.9.S6	Spectroscopy
	Spectroscopy, Electron paramagnetic resonance see QP519.9.E433
	Spectroscopy, Fluorescence see QP519.9.F56
	Spectroscopy, Laser see QP519.9.L37
	Spectroscopy, Nuclear magnetic resonance see QP519.9.N83
	Spectroscopy, Raman see QP519.9.R36
	Spectroscopy, X-ray see QP519.9.X73
519.9.S85	Supercritical fluid extraction. Supercritical fluid chromatography
519.9.T55	Thin layer chromatography
519.9.T59	Time-resolved spectroscopy

Animal biochemistry
Technique. Analytical biochemistry
Special methods, A-Z -- Continued
519.9.T84 Two-dimensional electrophoresis
519.9.U47 Ultracentrifugation
519.9.U48 Ultratrace analysis
519.9.V65 Voltage-sensitive dyes
519.9.W47 Western immunoblotting
519.9.X72 X-ray crystallography
519.9.X73 X-ray spectroscopy
520 Handbooks, tables, formulas, etc.
521 Miscellany and curiosa
Special substances
525 Colloids
527 Radicals
Xenobiotics
529 General works
529.5 Plant compounds
Inorganic substances
531 General works, treatises, and textbooks
532 Metals
533 Minerals
534 Trace elements
Cf. TX553.T7 Food value
535.A-Z Elements and their inorganic compounds. By chemical symbol of principal element, A-Z (Table Q1)
Organic substances
550 General works, treatises, and textbooks
Proteins, amino acids, etc.
551 General works, treatises, and textbooks
551.5 Protein-protein interactions
551.6 Proteolysis in general
Including non-enzymatic proteolysis
Enzymatic proteolysis see QP609.P78
552.A-Z Special proteins (other than amino acids, enzymes, or hormones), A-Z
552.A27 Actin
552.A32 Actomyosin
552.A43 Albumins
552.A436 Allosteric proteins
552.A439 Alpha fetoproteins
552.A4397 Alpha-synuclein
552.A45 Amyloid
552.A56 Antifreeze proteins
Antigens and antibodies see QR186.5+
Apolipoproteins see QP99.3.A65
552.A65 Aquaporins
552.A87 ATP-binding cassette transporters
552.A94 Avidin
552.B65 Bone morphogenetic proteins
552.C17 C-reactive protein
552.C22 Calcitonin gene-related peptide
552.C24 Calcium-binding proteins
552.C28 Calmodulin
552.C29 Calreticulin
552.C3 Carnosine
552.C34 Carrier proteins

Animal biochemistry
Special substances
Organic substances
Proteins, amino acids, etc.
Special proteins (other than amino acids, enzymes, or hormones), A-Z -- Continued

552.C35	Casein
552.C38	Cbl proteins
552.C42	Cell adhesion molecules
552.C45	Cerebrospinal fluid proteins
552.C48	Chromogranins
552.C56	Clusterin
552.C6	Collagen
552.C62	Collectins
552.C63	Connexins
552.C64	Copper proteins
552.C94	Cytochromes
552.C96	Cytoskeletal proteins
552.D95	Dystrophin
552.E4	Elastin
552.E53	Endorphins
552.E54	Endothelins
552.E55	Enkephalins
552.E59	Epidermal growth factor
552.E95	Extracellular matrix proteins
552.F37	Fatty acid-binding proteins
552.F47	Ferritin
	Fetoproteins, Alpha see QP552.A439
	Fibrinogen see QP93.5+
552.F5	Fibroblast growth factors
552.F52	Fibromodulin
552.F53	Fibronectins
552.F54	Flavoproteins
552.G16	G proteins
552.G25	Galanin
552.G3	Gamma globulins
552.G35	Gastric intrinsic factor
552.G4	Gelatin
552.G45	Glial fibrillary acidic protein
552.G5	Globin
552.G55	Globulins
552.G58	Glutathione
552.G59	Glycoproteins. Glycopeptides
552.G7	Gramicidins
552.G73	Green fluorescent protein
552.G76	Growth factors
552.H3	Haptoglobins
552.H43	Heat shock proteins
	Hemoglobin see QP96.5
552.H46	Hemoproteins
552.H48	Hepatocyte growth factor
552.H5	Histones
552.H9	Hypoglycin
	Immunoglobulins see QR186.7+
552.I54	Insulin-like growth factor-binding proteins
552.I55	Integrins
552.I56	Interphotoreceptor retinoid-binding protein

Animal biochemistry
Special substances
Organic substances
Proteins, amino acids, etc.
Special proteins (other than amino acids, enzymes, or hormones), A-Z -- Continued

	Intrinsic factor see QP552.G35
552.I67	Iron proteins
552.I7	Iron-sulfur proteins
552.K4	Keratin
552.K46	Kinesin
552.K5	Kinins
552.L3	Lactalbumin
552.L345	Lactoferrins
552.L35	Lactoglobulin
552.L42	Lectins
552.L48	Lipocortins
552.L5	Lipoproteins
552.M44	Membrane proteins
552.M46	Metalloproteins
552.M47	Metallothionein
552.M54	Milk proteins
552.M64	Molecular chaperones
552.M8	Mucins
552.M85	Muscle proteins
552.M88	Myelin proteins. Myelin basic protein
552.M9	Myohemoglobin
552.M93	Myosin
552.N36	Nerve growth factor
552.N37	Nerve proteins
552.N38	Neuropeptide Y
552.N39	Neuropeptides
552.N4	Neurophysins
552.N43	Neuropilins
552.N46	NF-kappa B (DNA-binding protein)
552.N62	Nonhistone chromosomal proteins
552.N67	Notch proteins
552.N82	Nucleopeptides
	Nucleoproteins see QP625.N87
552.O65	Opioid peptides
552.O77	Osteopontin
552.O94	Ovomucoid
552.P25	p53 protein
552.P39	Paxillin
552.P4	Peptides
552.P45	Peptones
552.P5	Phosphoproteins
	Plasma proteins see QP99.3.P7
552.P56	Platelet-derived growth factor
552.P6	Polypeptides
552.P65	Pregnancy proteins
552.P7	Protamines
	Protectins see QP552.L42
552.P73	Proteoglycans
	Prothrombin see QP93.5+
552.Q55	Quinoproteins
	Receptor-specific proteins see QP552.L42

Animal biochemistry
Special substances
Organic substances
Proteins, amino acids, etc.
Special proteins (other than amino acids, enzymes, or hormones), A-Z -- Continued

552.S32	Semaphorins
552.S35	Seminal proteins
552.S37	Septins
552.S4	Sericin
	Serum albumin see QP99.3.A4
552.S65	Somatomedin
552.S74	Steroid-binding proteins
552.S9	Substance P
	Sulfur-iron proteins see QP552.I7
	Synuclein, Alpha- see QP552.A4397
552.S96	Synucleins
552.T33	Tachykinins
552.T37	Tenascin
552.T43	Thaumatins
552.T45	Thioredoxin
	Thrombin see QP93.5+
552.T47	Thrombospondins
552.T5	Thyroglobulin
552.T55	Thyroprotein
552.T68	Transcription factors
552.T7	Transferrin
552.T72	Transforming growth factors
552.T77	TRP channels
552.T82	Tubulins
552.T83	Tuftsin
552.U24	Ubiquitin
552.U86	Uteroglobin
552.V58	Vitamin K-dependent proteins
552.W58	Wnt proteins
552.Z55	Zinc proteins
	Amino acids
561	General works, treatises, and textbooks
562.A-Z	Constituents of proteins, A-Z
562.A7	Arginine
562.A8	Aspartic acid
562.B73	Branched chain amino acids
562.C9	Cystine
562.D53	Diamino amino acids
562.G5	Glutamic acid
562.G55	Glutamine
562.G58	Glycine
	Glycocoll see QP562.G58
562.H5	Histidine
562.L4	Leucine
562.L8	Lysine
562.M4	Methionine
562.P5	Phenylalanine
562.P7	Proline
562.S45	Selenomethionine
562.T5	Threonine
562.T7	Tryptophan

Animal biochemistry
Special substances
Organic substances
Proteins, amino acids, etc.
Amino acids
Constituents of proteins, A-Z -- Continued

562.T9	Tyrosine
562.V3	Valine
563.A-Z	Other, A-Z
563.A3	Adenosylmethionine
563.A38	Agmatine
563.A48	Aminobutyric acid
563.A5	Aminocapric acid
563.C5	Citrulline
563.D5	Dihydroxyphenylalanine
	DOPA see QP563.D5
563.D66	Dopamine
563.G32	GABA
	Gamma-aminobutyric acid see QP563.G32
563.K33	Kainic acid
563.K9	Kynurenine
563.O7	Ornithine
563.T5	Thyroxine
	Hormones
571	General works, treatises, and textbooks
571.5	Hormone inhibition
571.7	Hormone receptors
572.A-Z	Special, A-Z
	ACTH see QP572.A35
572.A27	Adrenaline
572.A3	Adrenocortical hormones
572.A35	Adrenocorticotrophic hormone
572.A4	Aldosterone
572.A48	Amylin
572.A5	Androgens
572.A52	Androstenedione
572.A54	Angiotensins
	Including individual angiotensins
572.A82	Atrial natriuretic peptides
572.C3	Calcitonin
572.C33	Calcium regulating hormones
572.C36	Catechol estrogens
572.C47	Chalones
572.C5	Cholecystokinin
572.C53	Chorionic gonadotropins
572.C6	Corticosterone
572.C62	Corticotropin releasing hormone
572.C65	Cortisone
572.E25	Ecdysone
572.E27	Ecdysteroids
572.E8	Estradiol
572.E85	Estrogen
	Cf. QP572.P48 Phytoestrogens
	Estrogens, Catechol see QP572.C36
572.F6	Follicle-stimulating hormone
572.G3	Gastrin

Animal biochemistry
Special substances
Organic substances
Proteins, amino acids, etc.
Hormones
Special, A-Z -- Continued

572.G35	Gastrointestinal hormones
572.G45	Ghrelin
572.G5	Glucagon
572.G52	Glucagon-like peptide 1
572.G54	Glucocorticoids
572.G58	Glycoprotein hormones
572.G6	Gonadotropin
	Growth hormone see QP572.S6
572.G75	Growth hormone releasing factor
572.H85	Hydroxyprogesterone
572.H9	Hypothalamic hormones
572.I47	Inhibin
572.I5	Insulin
	Intermedin see QP572.M75
	Lactogenic hormones see QP572.P74
572.L48	Leptin
572.L5	Lipocaic
572.L56	Lipotropin
572.L84	Luteinizing hormone
572.L85	Luteinizing hormone releasing hormone
572.M44	Melatonin
572.M66	Motilin
572.M75	MSH
572.N47	Neurotensin
	Noradrenalin see QP572.N6
572.N6	Norepinephrine
572.O74	Orexins
572.O9	Oxytocin
572.P3	Parathyroid hormone
572.P33	Parathyroid hormone-related protein
572.P4	Peptide hormones
572.P47	Pheromones
572.P48	Phytoestrogens
572.P5	Pituitary hormone releasing factors
572.P52	Pituitary hormones
572.P57	Placental hormones
572.P67	Pregnenolone
572.P7	Progesterone
572.P74	Prolactin
572.P75	Prosecretin
572.P77	Protein hormones
572.R46	Relaxin
572.S34	Secretin
572.S4	Sex hormones
572.S59	Somatostatin
572.S6	Somatotropin
572.S7	Steroid hormones
572.T4	Testosterone
572.T46	Thymic hormones

Animal biochemistry
Special substances
Organic substances
Proteins, amino acids, etc.
Hormones
Special, A-Z -- Continued
572.T5 Thyroid hormones
Including thyroxine, thyronines, triiodothyronine
572.T55 Thyrotropin
572.T56 Thyrotropin releasing factor
572.V28 Vasoactive intestinal peptides
572.V3 Vasopressin
Enzymes
Cf. QK896 Plant enzymes
601 General works, treatises, and textbooks
601.2 Isoenzymes
601.3 Enzyme kinetics
Enzyme regulation
For works on regulation of individual enzymes or enzyme classes, see QP601.7+
601.4 General works
601.45 Enzyme activation
For works on activation of individual enzymes or enzyme classes, see QP601.7+
601.5 Enzyme inhibition
For works on inhibition of individual enzymes or enzyme classes, see QP601.7+
601.6 Extracellular enzymes
Metalloenzymes
601.7 General works
601.75.A-Z Special, A-Z
601.75.M35 Manganese enzymes
601.75.M64 Molybdenum enzymes
601.75.Z54 Zinc enzymes
601.8 Thiamin pyrophosphate-dependent enzymes
Oxidoreductases
602 General works, treatises, and textbooks
603.A-Z Special, A-Z
603.A34 Alcohol dehydrogenase
603.A35 Aldehyde dehydrogenase
603.A37 Alpha-keto acid dehydrogenase
603.A4 Amino acid oxidases
Amino oxidase see QP603.M6
603.A8 Ascorbate oxidase
603.C3 Catalase
Catechol oxidase see QP603.D5
603.C45 Cholesterol hydroxylase
Cytochrome c reductase see QP603.R4
603.C85 Cytochrome oxidase
603.C9 Cytochrome peroxidase
603.D4 Dehydrogenases
603.D5 Diphenol oxidase
603.F47 Ferredoxin-NADP reductase
603.G55 Glucose dehydrogenase
603.G57 Glucosephosphate dehydrogenase
603.H45 Heme oxygenase
603.H55 Histaminase
603.H88 Hydrogenase
603.H9 Hydroxylases

Animal biochemistry
Special substances
Organic substances
Proteins, amino acids, etc.
Enzymes
Oxidoreductases
Special, A-Z -- Continued

603.H92	Hydroxymethylglutaryl coenzyme A reductases
603.I54	IMP dehydrogenase
603.L33	Lactate dehydrogenase
603.L56	Lipoxygenases
603.M48	Methylenetetrahydrofolate reductase
603.M6	Monamine oxidase
603.M65	Monooxygenases
603.N58	Nitrogenase
603.O8	Oxidases
603.O85	Oxygenases
603.P4	Peroxidase
603.P43	Phenol oxidase
603.P74	Proline hydroxylase
603.P76	Prostaglandin synthase
603.P8	Pyruvate oxidase
603.R4	Reduced nicotinamide adenine dinucleotide dehydrogenase
603.R52	Ribonucleoside diphosphate reductase
603.S9	Succinate dehydrogenase
603.S94	Superoxide dismutase
603.T78	Tryptophan oxygenase
	Tyraminase see QP603.M6
	Tyrosinase see QP603.P43
603.U7	Urate oxidase
	Uricase see QP603.U7

Transferases

605	General works, treatises, and textbooks
606.A-Z	Special, A-Z
606.A33	Acetyltransferases
606.A43	Aminotransferases
606.A8	Aspartate aminotransferase
606.C37	Carnitine acyltransferases
606.C45	Choline acetylase
606.C73	Creatine kinase
606.D46	Deoxyribonucleate nucleotidyltransferases. DNA polymerases
606.F7	Fructokinase
606.G5	Glucan phosphorylase
606.G57	Glucokinase
606.G573	Glucuronosyltransferase
606.G58	Glutamic-aspartic transaminase
606.G59	Glutathione transferase
606.G592	Glycogen phosphorylase
606.G6	Glycosyltransferases
	Kinase, Protein see QP606.P76
606.M48	Methyltransferases
606.P53	Phosphofructokinase
606.P55	Phosphotransferases
606.P76	Protein kinases
606.P78	Protein-tyrosine kinase
606.R48	Reverse transcriptase

Animal biochemistry
Special substances
Organic substances
Proteins, amino acids, etc.
Enzymes
Transferases
Special, A-Z -- Continued

606.R49	Rho-associated protein kinases
606.R53	Ribonucleate nucleotidyltransferases. RNA polymerases
606.S85	Sulfotransferases
606.T44	Telomerase
	Transaminases see QP606.A43
606.T73	Transglutaminases
606.T75	Transketolase
606.U7	Uridine diphosphoglucuronosyltransferase
	Hydrolases
608	General works, treatises, and textbooks
609.A-Z	Special, A-Z
609.A25	Acetylcholinesterase
609.A3	Adenosine triphosphatase
609.A38	Alanine aminopeptidase
609.A4	Alkaline phosphatase
609.A43	Allantoinase
609.A438	Amidases
609.A44	Aminopeptidases
609.A45	Amylase
609.A53	Angiotensin converting enzyme
609.A7	Arginase
609.A77	Arylsulphatases
609.A86	Aspartic proteinases
609.A88	Astacins
609.B46	Beta lactamases
609.C26	Calpain
609.C3	Carboxypeptidase
609.C34	Caseinolytic proteases
609.C35	Cathepsin
609.C37	Cellulase
609.C38	Cellulose 1,4-beta-cellobiosidase
609.C39	Chitinase
609.C4	Cholinesterase
	Chymosin see QP609.R4
609.C45	Chymotrypsin
609.C6	Coagulase
609.C64	Collagenase
	Converting enzyme, Angiotensin see QP609.A53
609.C92	Cyclic nucleotide phosphodiesterases
609.C93	Cyclin-dependent kinases
609.C94	Cysteine proteinases
609.D4	Deoxyribonucleases
609.D48	Dextranase
	Diastase see QP609.A45
609.D52	Digestive enzymes
609.D54	Dipeptidases
	DNA restriction enzymes see QP609.R44
609.E38	Elastases
609.E4	Emulsin

Animal biochemistry
Special substances
Organic substances
Proteins, amino acids, etc.
Enzymes
Hydrolases
Special, A-Z -- Continued

609.E44	Endonucleases
609.E7	Erepsin
609.E8	Esterases
609.F7	Fructofuranosidase
	Fructose diphosphatase see QP609.H5
609.G3	Galactosidase
609.G38	Glucose-6-phosphatase
609.G4	Glucosidases
609.G44	Glycoasparaginase
609.G45	Glycosidases
609.G83	Guanosine triphosphatase
609.H5	Hexosediphosphatase
609.H8	Hyaluronidase
	Invertase see QP609.F7
609.K3	Kallikrein
	Lactamases, Beta see QP609.B46
	Lactase see QP609.G3
609.L43	Lecithinase
609.L5	Lipase
609.L55	Lipolytic enzymes
609.L9	Lysozyme
609.N48	Neutral proteinases
609.N78	Nucleases
609.N8	Nucleosidases
609.P3	Papain
609.P35	Paraoxonase
	Pectinase see QP609.P6
609.P4	Pepsin
609.P45	Peptidases (Exopeptidases)
609.P5	Phosphatases
609.P52	Phosphatidate phosphatase
609.P53	Phosphodiesterase
609.P55	Phospholipase
609.P553	Phospholipase A2
609.P555	Phospholipase C
609.P56	Phosphoprotein phosphatases
609.P6	Polygalacturonase
	Proteases see QP609.P78
609.P75	Proteinases (Endopeptidases)
609.P78	Proteolytic enzymes
	Including enzymatic proteolysis
609.P85	Pullulanase
609.R38	Renin
609.R4	Rennin
609.R44	Restriction enzymes, DNA
609.R49	Rho GTPases
609.R53	Ribonucleases
609.S47	Serine proteinases
609.S63	Sodium-potassium ATPase

Animal biochemistry
Special substances
Organic substances
Proteins, amino acids, etc.
Enzymes
Hydrolases
Special, A-Z -- Continued
609.S93 Subtilisins
609.S95 Sulfatases
Thrombin see QP93.5+
609.T7 Trypsin
Trypsinogen see QP609.T7
609.U7 Urease
Lyases
612 General works, treatises, and textbooks
613.A-Z Special, A-Z
613.A33 Adenylate cyclase
613.A4 Aldolases
613.A75 Aromatic amino acid decarboxylase
Carbonate dehydratase see QP613.C37
613.C37 Carbonic anhydrase
Carboxylase see QP613.P9
613.E56 Enolase
613.G8 Guanylate cyclase
613.O75 Ornithine decarboxylase
613.P54 Phenylalanine ammonia lyase
Phosphopyruvate hydratase see QP613.E56
613.P9 Pyruvate decarboxylase
Isomerases
615 General works, treatises, and textbooks
616.A-Z Special, A-Z
616.D54 DNA helicases
616.D56 DNA topoisomerases
616.P46 Peptidyloprolyl isomerase
616.P76 Protein disulfide isomerase
Ligases
618 General works, treatises, and textbooks
619.A-Z Special, A-Z
619.A45 Aminoacyl-tRNA synthetases
619.D53 DNA ligases
619.G58 Glutamine synthetase
619.L9 Lysyl ribonucleic acid synthetase
619.P87 Pyruvate carboxylase
Nucleic acids
620 General works, treatises, and textbooks
Ribonucleic acids
623 General works, treatises, and textbooks
623.5.A-Z Special, A-Z
623.5.A58 Antisense RNA
623.5.C36 Catalytic RNA
623.5.M47 Messenger RNA
623.5.S63 Small interfering RNA
623.5.T73 Transfer RNA
RNA-ligand interactions
623.7 General works
623.8.A-Z Special ligands, A-Z

Animal biochemistry
Special substances
Organic substances
Nucleic acids
Ribonucleic acids
RNA-ligand interactions
Special ligands, A-Z -- Continued
623.8.P75 Proteins
Deoxyribonucleic acids
624 General works, treatises, and textbooks
624.5.A-Z Special topics, A-Z
624.5.A57 Antisense DNA
624.5.C57 Circular DNA
624.5.D72 DNA fingerprinting
624.5.D726 DNA microarrays
624.5.D73 DNA probes
624.5.E98 Extrachromosomal DNA
624.5.M46 Methylation
624.5.M58 Mitochondrial DNA
624.5.R33 Radiation effects
624.5.R43 Recombinant DNA
624.5.R48 Replication
624.5.S26 Satellite DNA
624.5.S73 Stability
624.5.S78 Structure
624.5.T47 Terminal restriction fragment length polymorphism analysis
624.5.Z33 Z-DNA
DNA-ligand interactions
624.74 General works, treatises, and textbooks
624.75.A-Z Special ligands, A-Z
624.75.D77 Drugs
624.75.P74 Proteins
625.A-Z Other related substances, A-Z
625.A25 Adenine nucleotides
625.A27 Adenosine
625.A29 Adenosine diphosphate ribose
625.A3 Adenosine triphosphate
625.A35 Adenylic acid
625.B76 Bromodeoxyuridine
625.D56 Binucleoside polyphosphates
625.I54 Inosine
625.N34 NAD (Coenzyme)
625.N8 Nuclein
625.N86 Nucleohistones
625.N87 Nucleoproteins
625.N88 Nucleosides
625.N89 Nucleotides
625.O45 Oligoadenylates
625.O47 Oligonucleotides
625.P74 Pseudouridine
625.P87 Purine nucleotides
625.P96 Pyridine nucleotides
625.Q33 Quadruplex nucleic acids
625.R53 Ribonucleosides
625.T75 Triple-helix-forming oligonucleotides

Animal biochemistry
Special substances
Organic substances -- Continued
Toxins and antitoxins
Cf. QR180+ Immunology
Cf. RM278 Immunotherapy

631	General works, treatises, and textbooks
632.A-Z	Special, A-Z
632.B3	Bacterial toxins
632.B64	Bombesin
632.B66	Botulinum toxin
632.C87	Cyanobacterial toxins
632.C9	Cytochalasins
632.D54	Digitoxin
632.E4	Endotoxins
632.I57	Insect venoms
632.M37	Marine toxins. Marine venoms
632.M52	Microbial toxins
632.M9	Mycotoxins
632.P47	Pertussis toxin
632.R43	Recombinant toxins
632.S27	Saxitoxin
632.S65	Snake toxins. Snake venoms
632.T46	Tetrodotoxin
632.T75	Trichothecenes
632.V46	Venom

Cf. QP632.I57 Insect venoms

Pigments

670	General works, treatises, and textbooks
671.A-Z	Special, A-Z
671.B5	Bile pigments
671.B55	Bilirubin
671.C3	Carotenes. Carotin
671.C35	Carotenoids. Carotinoids
671.C45	Chlorophyll
671.C78	Cytochrome b
671.C8	Cytochrome c
671.C83	Cytochrome P-450
671.C85	Cytochromes
671.F5	Flavins
671.F52	Flavonoids
671.H4	Hematoporphyrin
671.H45	Heme
671.I5	Iodopsin
671.L52	Lipofuscins
671.M44	Melanin
671.P6	Porphyrins
671.V5	Visual pigments
671.X3	Xanthopterin

Carbohydrates

701	General works, treatises, and textbooks
702.A-Z	Special, A-Z
702.A3	Agar
702.A35	Aglucones
702.A4	Amino sugars
702.A48	Amyloses

Animal biochemistry
Special substances
Organic substances
Carbohydrates
Special, A-Z -- Continued

702.C5	Chitin
702.C55	Chondroitin sulfates
702.C8	Cyclitols
702.D38	Deoxy sugars
702.D4	Deoxyribose
702.F58	Fluorocarbohydrates
702.F68	Fructans
702.F7	Fructose
702.F73	Fructose-2,6-bisphosphate
702.G3	Galactose
702.G48	Glucans
702.G5	Glucides
702.G55	Glucosamine
702.G56	Glucose
702.G57	Glucuronic acid
702.G572	Glucuronides
702.G577	Glycoconjugates
702.G58	Glycogen
702.G59	Glycosides
702.H4	Heparin
702.H45	Hexosamines
702.H8	Hyaluronic acid
702.I45	Imino sugars
	Inositol see QP772.I5
702.I5	Inulin
702.L3	Lactose
702.M8	Mucopolysaccharides
702.O44	Oligosaccharides
702.P4	Pectins
702.P45	Pentoses
702.P47	Peptidoglycans
702.P6	Polysaccharides
702.S28	Saponins
702.S6	Sorbitol
702.S75	Starch
702.S8	Sucrose
702.S85	Sugars
702.X87	Xylans
702.X89	Xylitol
702.X9	Xylose

Lipids

Cf. TP676 Chemical technology of animal fats and oils
Cf. TX553.L5 Lipids as a food constituent

751	General works, treatises, and textbooks
752.A-Z	Special, A-Z
752.A25	Acetic acid
752.A5	Androstane
752.A7	Arachidonic acid
752.B54	Bile acids
	Bile pigments see QP671.B5
752.C37	Ceramides

Animal biochemistry
Special substances
Organic substances
Lipids
Special, A-Z -- Continued

752.C4	Cerebrosides
	Cholesterin see QP752.C5
752.C5	Cholesterol
752.C53	Cholesterol oxides
752.C55	Cholic acid
752.C6	Corticosteroids
752.C7	Croton oil
752.D54	Diglycerides
752.D63	Docosahexaenoc acid
752.E53	Eicosanoids
752.E84	Essential fatty acids
752.F3	Fats
752.F35	Fatty acids
752.F57	Fish oils
752.G3	Gangliosides
752.G5	Glycerides
	Glycerin see QP752.G55
752.G55	Glycerol
752.G56	Glycolipids
752.G58	Glycosphingolipids
752.I8	Isobutyric acid
	Isopentenoids see QP752.T47
	Isoprenoid compounds see QP752.T47
752.L4	Lecithin
752.L5	Linoleic acids
752.L515	Linolenic acids
752.L52	Lipoxins
752.L8	Lysolecithin
752.L83	Lysophospholipids acid
752.M45	Membrane lipids
752.M9	Myelin
752.O42	Olive oil
752.O44	Omega-3 fatty acids
752.O45	Omega-6 fatty acids
752.O89	Oxysterols
752.P35	Palm oil
	Phosphatides see QP752.P53
752.P52	Phosphoinositides
752.P53	Phospholipids
752.P62	Platelet activating factor
752.P65	Polyketides
752.P69	Prostacyclin
	Prostaglandins see QP801.P68
752.P7	Protagon
752.P84	Pulmonary surfactant
752.S37	Saturated fatty acids
752.S6	Sphingolipids
	Steroid hormones see QP572.S7
752.S7	Steroids
752.S75	Sterols
752.T47	Terpenes. Isopentenoids. Isoprenoid compounds

Animal biochemistry
Special substances
Organic substances
Lipids
Special, A-Z -- Continued

752.T63	Trans fatty acids
752.T7	Tributyrin
752.T74	Triglycerides
752.W3	Waxes

Vitamins

771	General works, treatises, and textbooks
772.A-Z	Special, A-Z
	Adermine see QP772.P9
772.A4	Aminobenzoic acids
	Aneurine see QP772.T5
	Antihemorrhage vitamin see QP772.V55
	Antipernicious anemia vitamin see QP772.C9
	Antirickets vitamin see QP772.V53
	Antiscurvy vitamin see QP772.A8
	Antisterility vitamin see QP772.T6
	Antixerophthalmia vitamin see QP772.V5
772.A8	Ascorbic acid. Vitamin C
772.B5	Bioflavonoids. Vitamin P
772.B55	Biotin. Vitamin H
772.C3	Carnitine. Vitamin BT
772.C5	Choline
772.C9	Cyanocobalamine. Vitamin B12
772.E74	Ergocalciferol. Vitamin D2
772.F37	Fat-soluble vitamins
	Folacin see QP772.F6
772.F6	Folic acid. Vitamin M
772.I5	Inositol
	Lipoic acid see QP772.T54
	Niacin see QP772.N55
	Niacin amide see QP772.N5
772.N5	Nicotinamide. Vitamin PP
772.N55	Nicotinic acid. Niacin
	Nicotinic acid amide see QP772.N5
772.P3	Pangamic acid. Vitamin B15
772.P35	Pantothenic acid. Vitamin B5
	Pellagra preventive factor see QP772.N5
	Pteroylglutamic acid see QP772.F6
772.P9	Pyridoxine. Vitamin B6
	Retinol see QP772.V5
772.R5	Riboflavin. Vitamin B2
772.T5	Thiamine. Vitamin B1
772.T54	Thioctic acid
772.T6	Tocopherol. Vitamin E
772.V5	Vitamin A
772.V52	Vitamin B complex
	Vitamin B1 see QP772.T5
	Vitamin B2 see QP772.R5
	Vitamin B5 see QP772.P35
	Vitamin B6 see QP772.P9
	Vitamin B12 see QP772.C9
	Vitamin B15 see QP772.P3

Animal biochemistry
Special substances
Organic substances
Vitamins
Special, A-Z -- Continued
Vitamin BT see QP772.C3
Vitamin C see QP772.A8
772.V53 Vitamin D
Vitamin D2 see QP772.E74
Vitamin E see QP772.T6
Vitamin G see QP772.R5
Vitamin H see QP772.B55
772.V55 Vitamin K
772.V56 Vitamin K2
Vitamin M see QP772.F6
Vitamin P see QP772.B5
Vitamin PP see QP772.N5
772.W38 Water-soluble vitamins
801.A-Z Miscellaneous organic substances, A-Z
801.A25 Acetone
801.A26 Acids
801.A265 Acyclic acids
801.A3 Alcohol
801.A33 Aldehydes
801.A34 Alkaloids
801.A35 Allantoin
801.A48 Amines
801.A63 Antibiotics
801.A65 Antimetabolites
801.A66 Antioxidants
801.A67 Antivitamins
801.A75 Aromatic compounds
801.A84 Aspartame
801.B5 Benzene
801.B52 Benzimidazoles
801.B53 Benzodiazepines
801.B54 Benzoylecgonine
801.B55 Betaines
801.B66 Biogenic amines
801.B69 Biopolymers
801.C24 Caffeine
801.C27 Cannabis
801.C3 Carbolic acid
801.C3115 Carbolines
801.C312 Carboxylic acids
801.C33 Catecholamines
801.C4 Cerebrin
801.C48 Chlorophenols
801.C63 Citrates
801.C65 Citric acid
Coca see QP801.C68
801.C67 Cocaethylene
801.C68 Cocaine
801.C69 Colchicine
801.C7 Colicins
801.C75 Complex compounds

Animal biochemistry
Special substances
Organic substances
Miscellaneous organic substances, A-Z -- Continued

801.C8 Creatine. Creatinine
801.C83 Crown ethers
801.C86 Cyclic adenylic acid
Cynurenic acid see QP801.K8
801.E28 Ecstasy (Drug)
801.E325 EDDP (Pyrrolidine derivative)
801.F45 Flavor components
801.F5 Fluorine organic compounds
801.F67 Formaldehyde
801.F87 Furylbenzimidazole
801.G47 Germanium organic compounds
801.G56 Glucaric acid
801.G57 Glutaric acid
801.G63 Glycolic acid
(801.G74) Growth factors
see QP552.G76
801.G8 Guanidine
801.G83 Guanidines
801.H34 Halogen organic compounds
801.H45 Hippuric acid
801.H5 Histamine
801.H78 Hydrazines
801.H9 Hydrocarbons
801.I4 Indican (metabolic product)
801.I43 Indocyanine green
801.I45 Indole
Inositol see QP772.I5
801.I48 Insecticides
Interleukins see QR185.8.I56
801.I55 Ionophores
(801.I76) Isoprenoid compounds
see QP752.T47
801.K4 Ketones
801.K8 Kynurenic acid
801.L3 Lactic acid
Leucomaines see QP801.P7
801.L47 Leukotrienes
801.L53 Lignans
801.L97 Lysergic acid diethylamide
Macromolecules see QP801.P64
Marijuana see QP801.C27
801.M37 Mercapto compounds. Thiols
801.M39 Metformin
801.M42 Methoxyhydroxphenylglycol
801.M425 Methylxanthines
801.M43 Metiamide
801.M45 Mevalonic acid
Milk, Human see QP246
801.N44 Neopterin
801.N48 Nicotine
801.N55 Nitrogen organic compounds

Animal biochemistry
Special substances
Organic substances
Miscellaneous organic substances, A-Z -- Continued
Organo ...
For compounds with names beginning "Organo..." the Cutter number is determined by the element or substance following this prefix

801.O74	Orotic acid
801.O8	Oxalic acid
801.P28	Pantethine
801.P36	Penicillin
801.P374	Pentoxifylline
801.P38	Pesticides
801.P39	Phenethylamines
801.P4	Phenols
801.P56	Phosphonic acids
801.P63	Phosphorus organic compounds
801.P634	Phytic acid
801.P636	Phytochemicals
801.P638	Polyamines
801.P639	Polycyclic aromatic hydrocarbons
801.P64	Polymers. Macromolecules
801.P643	Polyurethanes
801.P654	PQQ
801.P68	Prostaglandins
801.P686	Psoralens
801.P69	Pteridines
801.P7	Ptomaines. Leucomaines
801.P8	Purines
801.P85	Pyrimidines
801.P855	Pyrrolizidines
801.P86	Pyruvic acid
801.Q5	Quinones
801.R4	Reductones
801.R47	Retinoids
801.S4	Serotonin
801.S44	Shikimic acid
801.S47	Sialic acid
801.S79	Succinic acid
801.S83	Sugar acids
801.S85	Sulfonic acids
801.T3	Taurine
	Tetrahydrocannabinol see QP801.C27
801.T4	Thiocyanates
	Thiols see QP801.M37
801.T57	Tobacco
801.T6	Tolylenediamine
801.U24	Ubiquinones
801.U7	Urea
	Vitamins see QP771+
801.X45	Xenobiotics

(901-981) Experimental pharmacology

The Library of Congress has not classed new material on experimental pharmacology in these numbers since approximately 1981.

For works on the physiological effects of chemical substances on the animal body see QP501+

For works on experimental toxicology see RA1199+

For works on experimental pharmacology in general see RM301.25+

(911-981) Individual chemical substances

see QP525+ for the physiological effects of individual chemical substances on the animal body

For works on the physiological effects of drugs on the human body see RM300+

Microbiology
1 Periodicals, societies, congresses, serial publications
6 Collected works (nonserial)
9 Dictionaries and encyclopedias
11 Terminology, notation, abbreviations
12 Classification. Nomenclature
Cf. QR81 Bacteria
Cf. QR394 Viruses
13 Evolution
History
21 General works
22.A-Z By region or country, A-Z
Biography
30 Collective
31.A-Z Individual, A-Z
e.g.
31.F5 Fleming, Alexander
31.K6 Koch, Robert
Pasteur, Louis see Q143.P2
General works, treatises, and textbooks
41 Through 1969
41.2 1970-
By discipline
46 Medical microbiology
Cf. QR67+ Diagnostic technique
Cf. QR171.A1+ Microorganisms in the animal body
Cf. RC109+ Infections and parasitic diseases
46.5 Pharmaceutical microbiology
47 Dental microbiology
Cf. RK325 Oral sepsis
48 Sanitary microbiology
Cf. QR105+ Aquatic microbiology
Cf. TD1+ Sanitary engineering
Veterinary microbiology see SF780.2
51 Agricultural microbiology
Cf. QR111+ Soil microbiology
Cf. QR121 Dairy microbiology
Cf. QR351 Microorganisms of plant diseases
Geomicrobiology see QR103
Industrial microbiology
Cf. QR115+ Food microbiology
Cf. QR135+ Microbial degradation
Cf. QR151+ Microorganisms of fermentation
Cf. TP248.27.M53 Microbial biotechnology
53 General works, treatises, and textbooks
53.5.A-Z By industry or products, etc., A-Z
53.5.A44 Alloys
53.5.C73 Coal
53.5.C76 Cosmetics
53.5.P48 Petroleum
53.5.R34 Railroads
Including railroad tracks, railroad ties, railroad beds, etc.
54 Pictorial works and atlases
56 Popular works
57 Juvenile works
58 Addresses, essays, lectures

60 Special aspects of the subject as a whole
Study and teaching. Research
61 General works
61.5 Problems, exercises, examinations
61.7 Experiments
62 Outlines, syllabi
63 Laboratory manuals
Laboratories
Cf. R108 Medical laboratories
64.A1 General works
64.A3-Z By region or country, A-Z
Subarrange each country by Table Q6
64.5 Culture collections
64.7 Safety measures
64.8 Quality control
Technique
65 General works
Culture technique
66 General works
66.3 Culture media
66.4 Continuous culture
Diagnostic technique
67 General works
67.2 Diagnostic bacteriology
Microscope technique
Cf. QH201+ Microscopy
68 General works
68.5.A-Z Special, A-Z
68.5.E45 Electron microscopy
69.A-Z Special topics, A-Z
69.A56 Anti-infective agent testing
69.A57 Antibiotic testing
Antiinfective agent testing see QR69.A56
69.A88 Automation
69.B53 Bioluminescence assay
69.C3 Cataphoresis
69.C79 Cryopreservation
69.D35 Data processing
69.D48 Disintegration
69.D54 DNA probes
69.E43 Electric impedance measurement
69.E58 Enzyme-linked immunosorbent assay
69.F56 Flow cytometry
69.F7 Freeze-drying. Drying
69.G27 Gas chromatography
69.H54 High performance liquid chromatography
69.I53 Inactivation
69.M33 Mass spectrometry
69.M48 Microbiological assay
69.M5 Micrurgy
69.N83 Nuclear magnetic resonance spectroscopy
69.P6 Population counts
69.S7 Staining
69.S75 Sterilization
69.V53 Viability counts
71 Laboratory equipment

72 Statistical methods
72.5 Handbooks, manuals, etc.
Microbial genetics see QH434
73 Diversity and variation
Cf. QR392 Virus variation
73.4 Development
73.5 Differentiation
73.6 Aggregation
73.7 Cell cycle
73.8 Microbial populations
74 Molecular microbiology
74.5 Protista
Cf. QK564+ Algae
Cf. QK600+ Fungi
Cf. QK635.A1+ Slime molds
Cf. QL366+ Protozoa
Bacteria
74.8 General works
Morphology. Ultrastructure
75 General works
75.3 Size
75.5 Shape
76 Protoplasm
76.3 Protoplasts
76.5 Nuclear materials
76.6 Plasmids
76.7 Pigments
77 Cell membranes
Cell walls
77.3 General works
77.35 Cell surfaces
77.5 Capsules. Slime layers. Glycocalyces
78 Flagella
78.5 Pili
79 Spores
79.5 Colonies
80 Terminology, notation, abbreviations
81 Classification. Nomenclature
81.5 Catalogs and collections
81.7 Evolution
82.A-Z Systematic divisions. By family or higher taxa, A-Z
Class individual genera under the family.
For unassigned genera and species see QR82.Z9
For bacteria of specific diseases see QR201.A+
82.A3 Achromatiaceae
82.A35 Actinomycetaceae
82.A355 Actinoplanaceae
82.A39 Aegyptianella
Aerobacter cloacae see QR82.E6
82.A43 Aeromonadaceae
82.A69 Archaebacteria
82.A9 Azotobacteraceae
82.B3 Bacillaceae
82.B35 Bacteroidaceae
82.B4 Beggiatoaceae
82.B95 Brucellaceae

Systematic divisions. By family or higher taxa, A-Z -- Continued

82.C35 Chlamydiaceae
82.C4 Chlorobiaceae
82.C45 Chromatiaceae
82.C6 Corynebacteriaceae
82.C88 Cystobacteraceae
82.C9 Cytophagaceae
82.D37 Deinococcaceae
82.D4 Dermatophilaceae
82.E6 Enterobacteriaceae
82.F7 Frankiaceae
82.H35 Halobacteriovoraceae
82.L3 Lactobacillaceae
82.L4 Leucotrichaceae
82.M38 Methylobacteriaceae
82.M4 Methylomonadaceae
82.M45 Microbacteriaceae
82.M5 Micrococcaceae
82.M55 Micromonosporaceae
82.M8 Mycobacteriaceae
82.M95 Myxococcaceae
82.N4 Neisseriaceae
82.N5 Nitrobacteraceae
82.N6 Nocardiaceae
82.P25 Pasteurellaceae
82.P44 Pelonemataceae
82.P45 Peloplocaceae
82.P47 Peptococcaceae
82.P6 Polyangiaceae
82.P7 Propionibacteriaceae
82.P78 Pseudomonadaceae
82.R45 Rhizobiaceae
82.R46 Rhodospirillaceae
82.R47 Rhodospirillales
82.S5 Simonsiellaceae
82.S6 Spirillaceae
82.S7 Spirochaetaceae
82.S78 Streptococcaceae
82.S8 Streptomycetaceae
82.T7 Treponemataceae
82.V4 Veillonellaceae
82.V53 Vibrionaceae
82.Z9 Genera and species as yet unassigned (not A-Z)

Physiology

84 General works

Growth

Cf. QR66+ Culture technique

84.5 General works
84.7 Psychrophilic bacteria
84.8 Thermophilic bacteria

86 Nutrition

86.5 Reproduction

Metabolism

88 General works
88.2 Autotrophy
88.3 Biosynthesis

Bacteria
Physiology
Metabolism -- Continued
88.4 Methylotrophy
88.5 Photosynthesis
Cf. QK882 Plant physiology
88.7 Chemoautotrophy
Respiration
89 General works
89.5 Anaerobic
89.7 Nitrogen fixation
Cf. TP245.N8 Chemical engineering
90 Enzymes
92.A-Z Other substances, A-Z
92.A3 Acetic acid
92.A49 Alkanes
92.A6 Amino acids
92.B3 Bacteriocins
92.B7 Branched chain amino acids
92.C27 Calcium
92.C3 Carbohydrates
92.C33 Carbon dioxide
92.C55 Chlorinated aromatic compounds
92.C57 Citric acid
92.C74 Creatine
92.D45 Deoxyribonucleic acid. DNA
DNA see QR92.D45
92.F3 Fatty acids
92.F87 Furans
92.G35 Galactose
92.G5 Glucose
92.H6 Hormones
92.H8 Hydrogen
92.I4 Immunoglobulin-binding proteins
92.I7 Iron
92.L5 Lipids
92.M45 Metals
92.M46 Methane
92.M47 Methyl groups
92.M5 Minerals
92.N5 Nicotinic acid
92.N6 Nitrogen
92.N8 Nucleic acids
92.N82 Nucleotides
Oxygen see QR89+
92.P37 Peptides
92.P39 Peptidoglycans
92.P4 Phenols
92.P45 Phosphates
92.P58 Poly-beta-hydroxyalkanoates
92.P59 Polymers
92.P6 Polysaccharides
92.P7 Propionic acid
Protein A, Staphylococcal see QR92.S68
92.P75 Proteins
92.P87 Purines

Bacteria
Physiology
Metabolism
Other substances, A-Z -- Continued
92.S3 Salts
92.S53 Siderophores
92.S68 Staphylococcal protein A
92.S7 Steroids
92.S79 Sugars
92.S8 Sulfur
92.V5 Vitamins
92.X35 Xanthan gum
93 Anhydrobiosis
94 Heat production
95 Light production
96 Motility. Irritability
96.5 Interaction. Communication
96.8 Adhesion
Environmental factors
97.A1 General works
97.A2-Z By factor, A-Z
97.A3 Acidity. Alkalinity. Hydrogen-ion concentration
Alkalinity see QR97.A3
97.A57 Anti-infective agents
97.A58 Antibiotics
97.B32 Bactericides
97.C3 Carbon dioxide
97.C5 Chemicals
97.E5 Electrolytes
97.H4 Heat
Hydrogen-ion concentration see QR97.A3
97.L5 Light
97.M34 Magnetism
(97.M6) Moisture
see QR97.W37
97.O8 Oxygen
97.P47 Pesticides
97.P7 Pressure
97.R3 Radiation
97.S3 Salinity
97.T4 Temperature
Cf. QR84.7 Psychrophilic bacteria
Cf. QR84.8 Thermophilic bacteria
97.W37 Water. Moisture
97.X46 Xenobiotics
Antibiosis
Cf. QP801.A63 Biochemistry of antibiotics
Cf. QR69.A57 Testing
Cf. QR175 Virulence
Cf. RM265+ Antibiotic therapy
Cf. RM666.A+ Pharmacology of individual antibiotic drugs
Cf. RS431.A6 Pharmaceutical chemistry of antibiotics
99 General works
99.5 Resistance
Cyanobacteria
99.6 Periodicals. Serials

Cyanobacteria -- Continued
99.62 Congresses
99.63 General works, treatises, and textbooks
99.64 Pictorial works and atlases
99.65 Popular works
99.66 Juvenile works
99.67 Classification. Nomenclature
99.69.A-Z Special topics, A-Z
99.69.B55 Blooms
Cyanobacterial blooms see QR99.69.B55
99.7.A-Z Systematic divisions. By family, A-Z
99.7.E57 Entophysalidaceae
99.7.N67 Nostocaceae
99.7.O82 Oscillatoriaceae
99.7.S39 Scytonemataceae
99.7.S85 Stigonemataceae
99.8.A-Z By region or country, A-Z
Microbial ecology. Geographical distribution
100 General works, treatises, and textbooks
100.8.A-Z By type of relationship, A-Z
100.8.B55 Biofilms
100.8.C65 Competition
100.8.D46 Denitrification
Including denitrifying bacteria
100.8.M37 Mats
100.8.S9 Symbiosis
By type of environment
100.9 Extreme environments (General)
101 Air and dust
103 Geomicrobiology. Microbial effect on geological processes
Water. Aquatic microbiology
105 General works
105.5 Freshwater
Cf. TD384 Water supply analysis
Seawater. Marine microbiology
106 General works
106.5 Hydrothermal vents
107 Hot springs. Calderas
Soil
Including soil fungi
Cf. QK604.2.M92 Mycorrhizal fungi
111 General works
113 Root nodules
Cf. S652 Soil inoculation
Foods
Cf. TP371.2+ Preservation in food processing
Cf. TX599+ Food preservation in the home
115 General works
116 Eggs
117 Meat
118 Fish. Shellfish
119 Breads. Cereals
121 Dairy products
Cf. SF253 Milk analysis
122 Fruit. Vegetables (General)
123 Canned foods

	Microbial ecology
	By type of environment
	Foods -- Continued
129.A-Z	Other food products, A-Z
129.B44	Beer
129.C6	Corn oil
129.F7	Fruit juice
129.K56	Kimchi
129.P76	Processed foods
129.R44	Refrigerated foods
129.S8	Sugar
129.T65	Tomatoes
130	Space microbiology
131.A-Z	Other environments, A-Z
131.G58	Glaciers
	Pathogenic fungi see QR245+
	Microbial degradation
135	General works
135.5.A-Z	Special substances, A-Z
135.5.C65	Compost
135.5.M37	Metals
135.5.P47	Pesticides
148	Microbiological chemistry
	Cf. QK861+ Plant biochemistry
	Cf. QP501+ Animal biochemistry
	Cf. QR88.3 Bacterial biosynthesis
	Cf. QR467 Biochemistry of viruses
	Microorganisms of fermentation. Yeasts, etc.
	Including diseases of wine and beer
	Cf. TP371.44 Preserving food by fermentation
	Cf. TP568+ Brewing
151	General works
(155)	Yeasts and yeastlike fungi in the body
	see QR171
160	Microorganisms of cellulose and other plant products
	Microorganisms in the animal body
	Cf. QR201.A+ Pathogenic microorganisms
	Cf. QR245+ Pathogenic fungi
	Cf. QR301+ Pathogenic fungi
	Cf. RM666.P835 Probiotics
171.A1	General works, treatises, and textbooks
171.A2-Z	By organ or system, etc., A-Z
171.A43	Alimentary canal
171.B5	Blood
171.E9	Eye
171.F4	Feces. Manure
171.F45	Female generative organs
171.G29	Gastrointestinal system
171.G4	Generative organs
	Generative organs, Female see QR171.F45
171.G47	Germplasm
171.I6	Intestines
171.L8	Lungs
	Manure see QR171.F4
	Mouth see QR47
171.N3	Nasopharyngeal system

Microorganisms in the animal body
By organ or system, etc., A-Z -- Continued
171.R85 Rumen
171.S5 Skin
171.S8 Stomach
Teeth see QR47
171.U7 Urinary system
175 Virulence. Pathogenic action in general
Cf. QP631+ Toxins (Animal biochemistry)
177 Drug resistance
Immunology
Cf. QL362.85 Invertebrates
Cf. QL638.97 Fishes
Cf. QP252.5 Reproductive immunology
Cf. QP356.47 Neuroimmunology
Cf. RA638 Public health
Cf. RC581+ Immunologic diseases
Cf. RG557 Obstetrics
Cf. RM270+ Immunotherapy
Cf. RM370+ Immunopharmacology
Cf. SF757.2+ Veterinary immunology
180 Periodicals, societies, serial publications
180.2 Collected works (nonserial)
180.3 Congresses
180.4 Dictionaries and encyclopedias
Biography
180.7 Collective
180.72.A-Z Individual, A-Z
181 General works, treatises, and textbooks
181.5 Addresses, essays, lectures
181.7 Popular works
181.8 Juvenile works
182 Special aspects of the subject as a whole
182.2.A-Z Special topics, A-Z
182.2.A54 Animal models
Including specific animal models
182.2.C65 Computer simulation
182.2.E94 Evolution
182.2.I46 Immunoinformatics
182.2.M36 Mathematical models
182.2.N86 Nutritional aspects
Space flight see RC1151.I45
182.2.S7 Statistical methods
Study and teaching. Research
182.5 General works
182.55 Outlines, syllabi
182.6 Problems, exercises, examinations
Laboratory methods
For specific tests see QR187.A2+
183 General works
183.2 Tracers
183.5 Immunotechnology
183.6 Immunochemistry
Cf. QR187.I45 Immunocytochemistry
183.8 Immunotaxonomy
Immunogenetics

Immunology
Immunogenetics -- Continued
184 General works
184.2 Human immunogenetics
Histocompatibility. H-2 locus
184.3 General works
184.315 Major histocompatibility complex
184.32 HLA antigens
Minor histocompatibility antigens
184.34 General works
184.35 H-Y antigen
184.4 Ir genes. Ia antigens
184.5 Developmental immunology
184.6 Phylogeny of the immune system
Types of immunity
185.2 Natural
Acquired
185.3 General works
185.33 Maternally acquired immunity
185.35 Immunologic memory
185.4 Humoral
185.5 Cellular
185.6 Molecular aspects. Molecular immunology
Immune structures
185.7 General works
185.8.A-Z By type, A-Z
Antibody-drug conjugates see RS201.A56
185.8.A58 Antibody-toxin conjugates
185.8.A59 Antigen presenting cells
185.8.B15 B cells
185.8.B54 Biological response modifiers
185.8.C45 Chemokines
185.8.C6 Complement
Cf. QR187.C6 Complement fixation
185.8.C95 Cytokines
185.8.D45 Dendritic cells
185.8.E58 Eosinophils
Cf. QP95.3 Physiology
185.8.F33 Fc receptors
185.8.G4 Germinal centers
185.8.G73 Granulocytes
Cf. QP95.4 Physiology
185.8.H93 Hybridomas
Cf. QH451 Cell fusion
185.8.I45 Immune complexes
185.8.I56 Interleukins
Including interleukin-1, interleukin-2, etc.
185.8.K54 Killer cells
185.8.L35 Langerhans cells
185.8.L48 Leucocytes
Cf. QP95+ Physiology
185.8.L49 Leukolysins
185.8.L9 Lymphocytes
185.8.L93 Lymphokines
185.8.M28 Macrophage migration inhibitory factor
185.8.M3 Macrophages

Immunology
Immune structures
By type, A-Z -- Continued
185.8.M35 Mast cells
185.8.M36 Mathematical models
185.8.N47 Neutrophils
185.8.O7 Opsonin
Cf. QR187.P4 Phagocytosis
185.8.P45 Phagocytes
Cf. QR187.P4 Phagocytosis
185.8.P58 Platelets
Cf. QP97+ Physiology
185.8.S65 Spleen
185.8.S96 Suppressor cells
185.8.T2 T cells
185.8.T24 Th cells
Thrombocytes see QR185.8.P58
185.8.T48 Thymus
185.8.T67 Transfer factor
Cf. RM282.T7 Therapeutic use
185.8.T7 Trophoblast
185.8.T84 Tumor necrosis factor
185.9.A-Z By organ or system, etc., A-Z
185.9.G37 Gastrointestinal system
185.9.L58 Liver
185.9.M83 Mucous membrane
185.95 Immune recognition
Immune response
Class here works on the mechanism of immune response in humans or laboratory animals
For works on the immunology of specific animals or groups of animals, other than laboratory animals, see the systematic divisions in QL. For works on the immune response to particular diseases or parasites, see the disease or parasite in R or SF
186 General works
186.3 Idiotypic networks
Antigens
186.5 General works
186.6.A-Z By type, A-Z
186.6.B33 Bacterial antigens
Blood group antigens see QP98
186.6.C37 Carbohydrates
186.6.C42 CD antigens
Including CD23 antigen, CD26 antigen, etc.
186.6.C44 Cell surface antigens
186.6.F85 Fungal antigens
186.6.G73 Granulocyte antigens
H-Y antigen see QR184.35
186.6.H3 Haptens
186.6.H42 Heat shock proteins
Histocompatibility antigens see QR184.3+
HLA antigens see QR184.32
186.6.L94 Lysozyme
186.6.P38 Parasite antigens
186.6.P76 Proteins
186.6.S64 Spermatozoa
186.6.S94 Superantigens
186.6.S95 Synthetic antigens

Immunology
Antigens
By type, A-Z -- Continued
186.6.T48 Thy-1 antigen
186.6.T57 Tissue-specific antigens
186.6.T6 Toxins
186.6.T65 Toxoids
Tumor antigens see QR188.6
186.6.V57 Viral antigens
Antibodies. Immunoglobulins
186.7 General works
186.8.A-Z By type, A-Z
186.8.A2 IgA. Immunoglobulin A
186.8.D2 IgD. Immunoglobulin D
186.8.E2 IgE. Immunoglobulin E
186.8.G2 IgG. Immunoglobulin G
186.8.M2 IgM. Immunoglobulin M
Autoantibodies
186.82 General works
186.83.A-Z By type, A-Z
186.83.P48 Phospholipid antibodies
186.83.R48 Rheumatoid factor
186.85 Monoclonal antibodies
Cf. RM282.M65 Therapeutic use
186.87 Recombinant antibodies
186.9 Specificity
Antigen-antibody reactions
Class tests with type of reaction
187.A1 General works, treatises, and textbooks
187.A2-Z By type, A-Z
187.A3 Agglutination
187.A8 Autolysis
187.B3 Bacteriolysis
187.C48 Chemiluminescence immunoassay
187.C6 Complement fixation
187.C65 Conglutination
187.D3 Danysz phenomenon
187.F58 Fluorescent antigen technique
187.H38 Hemagglutination tests
187.H4 Hemolysis
187.H45 Hemolytic plaque technique
187.H57 Histocompatibility testing
187.I44 Immunoadsorption
187.I45 Immunocytochemistry
187.I46 Immunodiffusion
187.I47 Immunoelectrophoresis
187.I48 Immunofluorescence
187.I482 Immunogold labeling
187.I486 Immunophenotyping
187.L47 Leucocyte adherence inhibition test
187.P4 Phagocytosis
187.P7 Precipitation
187.S4 Sedimentation
187.3 Adjuvants
187.4 Chemotaxis
187.5 Interferons

Immunology -- Continued
188 Hypersensitivity. Allergy
Cf. RC583+ Diseases
188.3 Autoimmunity
For autoantibodies see QR186.82+
Cf. RC600 Autoimmune diseases
188.35 Immunodeficiency
Cf. RC606+ Medicine
Cf. RJ387.D42 Pediatrics
188.4 Tolerance
Immunosuppression
188.45 General works
188.46 Virus-induced immunosuppression
188.5 Radiation immunology
188.6 Tumor immunology
Cf. RC268.3 Immunological aspects
188.8 Transplantation immunology
Cf. QP89 Physiology of the tissues
Cf. RD120.6+ Surgery
Vaccines
Cf. RA638 Vaccination in public health
Cf. RM281 Vaccinotherapy
189 General works, treatises, and textbooks
189.2 Synthetic vaccines
189.5.A-Z By disease or type, A-Z
189.5.A33 AIDS (Disease)
189.5.A56 Anti-idiotypic
189.5.B33 Bacterial diseases
BGC vaccine see QR189.5.T72
189.5.C45 Chickenpox
189.5.D53 DNA vaccines
189.5.E5 Encephalitis
189.5.E53 Enterobacterial vaccines
189.5.H46 Hepatitis
189.5.H48 Herpesvirus disease
189.5.I5 Influenza
189.5.M34 Malaria
189.5.M4 Measles
189.5.N48 Newcastle disease
189.5.P36 Papillomavirus
189.5.P46 Pertussis
189.5.P54 Pleuropneumonia
189.5.P58 Pneumococcal infections
189.5.P6 Poliomyelitis
189.5.P76 Protozoan diseases
189.5.R3 Rabies
189.5.R8 Rubella
189.5.S48 Sexually transmitted diseases
189.5.S6 Smallpox
Tuberculosis
189.5.T7 General works
189.5.T72 BCG vaccine
189.5.T9 Typhoid
189.5.V5 Virus diseases
201.A-Z Pathogenic microorganisms. By disease, A-Z
201.A16 Acinetobacter infections

Pathogenic microorganisms. By disease, A-Z -- Continued

201.A2	Actinomycosis
201.A27	Adenovirus diseases
201.A3	Adiaspiromycosis
201.A35	African swine fever
201.A37	AIDS (Disease). HIV infections
201.A55	Amebiasis
201.A57	Anaerobic infections
201.A6	Anthrax
201.A72	Arbovirus infections
201.A74	Arenavirus diseases
201.A85	Aspergillosis
201.B318	Babesiosis
201.B32	Bacteremia
201.B34	Bacterial diseases
201.B37	Bartonella infections
201.B55	Blastomycosis
201.B66	Borna disease
	Borreliosis see QR201.R45
201.B7	Botulism
201.B74	Bovine spongiform encephalopathy
201.B8	Brucellosis. Undulant fever
201.C25	Campylobacter infections
(201.C26)	Campylobacter pylori infections
	see QR201.H44
	Cancer see QR201.T84
201.C27	Candidiasis
201.C29	Chagas' disease
201.C47	Chlamydia infections
201.C5	Cholera
201.C54	Clostridium diseases
201.C58	Coccidioidomycosis
201.C59	Coccidiosis
201.C6	Conjunctivitis
201.C65	Coxsackievirus infections
201.C9	Cystitis
201.C94	Cytomegalovirus infections
201.D4	Diarrhea
	Diarrhea, Viral see QR201.V53
201.D5	Diphtheria
201.D6	Diphtheroid organisms
201.D9	Dysentery. Bacillary dysentery
201.E16	Ebola virus disease
201.E2	Edema, Malignant
201.E45	Erlichiosis
201.E6	Endocarditis, Bacterial
201.E64	Enterococcal infections
201.E75	Epstein-Barr virus diseases
201.E82	Escherichia coli infections
201.F6	Food poisoning
	Cf. QR201.B7 Botulism
201.F62	Foodborne diseases
201.F63	Foot-and-mouth disease
201.G45	Giardiasis
201.G5	Glanders
201.G7	Gonorrhea

Pathogenic microorganisms. By disease, A-Z -- Continued

201.G76	Gram-positive bacterial infections
201.H22	Haemophilus infections
201.H24	Hantavirus infections
201.H44	Helicobacter pylori infections
201.H46	Hepatitis, Viral
201.H48	Herpesvirus infections
	HIV infections see QR201.A37
201.H7	Hog cholera
201.H86	HTLV infections
201.I6	Influenza
	Jaundice see QR201.L6
201.L44	Legionnaires' disease
201.L5	Leprosy
201.L6	Leptospirosis. Jaundice
201.L64	Leukemia
201.L7	Listeriosis
201.L88	Lyme disease
201.L9	Lymphocytic choriomeningitis
201.M3	Malaria
	Malignant edema see QR201.E2
201.M4	Mastitis
201.M43	Measles
201.M6	Meningitis
201.M73	Microsporidiosis
201.M96	Mycobacterial diseases
201.M97	Mycoplasma diseases
201.M98	Mycotoxicoses
201.N4	Necrosis
201.N45	Neisseria infections
201.N5	Newcastle disease
201.N67	Norovirus infections
201.O6	Oidiomycosis
201.O8	Osteomyelitis
201.P26	Papillomavirus diseases
201.P27	Parasitic diseases
201.P28	Paratuberculosis
201.P3	Paratyphoid fever
201.P33	Parvovirus infections
201.P4	Peritonitis
201.P45	Picornavirus infections
201.P5	Plague
201.P7	Pneumococcal pneumonia
201.P73	Poliomyelitis
201.P732	Polyomavirus infections
201.P733	Porphyromonas gingivalis infections
201.P737	Prion diseases
201.P74	Pseudomonas aeruginosa infections
201.P75	Pseudotuberculosis
201.P8	Psittacosis
201.Q2	Q fever
201.R3	Rabies
201.R45	Relapsing fever. Borreliosis
201.R47	Retrovirus infections
201.R5	Rheumatic fever
201.R53	Rheumatism

Pathogenic microorganisms. By disease, A-Z -- Continued
201.R59 Rickettsial diseases
Rocky Mountain spotted fever see QR201.S65
201.R67 Rotavirus infections
201.S25 Salmonella infections
201.S27 Sarcocystosis
201.S28 SARS (Disease)
201.S3 Scarlatina
201.S35 Schistosomiasis
201.S47 Serratia diseases
201.S55 Shigellosis
201.S6 Smallpox
201.S65 Spotted fever, Rocky Mountain
201.S68 Staphylococcal infections
201.S7 Streptococcus infections
201.S9 Syphilis
201.T3 Tetanus
201.T5 Torulosis
201.T53 Toxoplasmosis
201.T54 Trachoma
201.T55 Trichomoniasis
201.T6 Tuberculosis
201.T8 Tularemia
201.T84 Tumors. Cancer
201.T9 Typhoid fever
201.T95 Typhus fever
Undulant fever see QR201.B8
201.V53 Viral diarrhea
Viral hepatitis see QR201.H46
201.V55 Virus diseases
201.W6 Whooping cough
201.Y4 Yellow fever
201.Y45 Yersinia infections
201.Z45 Zika virus infection
Medical mycology. Pathogenic fungi
Class here general works only
For particular fungi see QK621+
Cf. QK604.2.P45 Phytopathogenic fungi
Cf. RC117.A+ Mycotic diseases
Cf. SB733 Fungus diseases of plants
Cf. SF780.7 Veterinary mycology
245 General works
248 Diagnostic mycology
Medical parasitology
Class here general works only
For particular protozoa see QL368.A115+
For pathogenic microorganisms see QR201.A+
Cf. QR201.P27 Parasitic diseases
Cf. RC118+ Spirochetal and protozoan diseases
Cf. SF781+ Veterinary medicine
251 General works
255 Diagnostic parasitology
Microorganisms of animals
Cf. QR171.A1+ Microorganisms in the animal body
Cf. SF951+ Diseases of special classes of animals
301 General works

Microorganisms of animals -- Continued
Vertebrates
For domestic animals see SF780.2
302 General works
Humans see QR46
303 Mammals
311 Birds
314 Amphibians
315 Reptiles
321 Fishes
Cf. SF458.5 Aquarium fish diseases
Cf. SH171+ Diseases and pests of fish
Invertebrates
325 General works
327 Insects
330 Poikilotherms
Microorganisms of microorganisms
340 General works
Bacteriophages
342 General works
342.2.A-Z Individual phages or groups of phages, A-Z
342.2.F37 fd
342.2.I43 IKe
342.2.M82 Mu
342.2.T14 T4
343 Fungal viruses
351 Microorganisms of plants
Cf. SB621+ Microbial diseases of plants
Mycoplasmas
352 General works
352.5.A-Z Systematic divisions. By family, A-Z
352.5.A3 Acholeplasmataceae
352.5.M9 Mycoplasmataceae
Rickettsias
353 General works
353.5.A-Z Systematic divisions. By family, A-Z
353.5.A5 Anaplasmataceae
353.5.B3 Bartonellaceae
(353.5.C4) Chlamydiaceae
see QR82.C35
353.5.R5 Rickettsiaceae
Virology
Cf. QR201.V55 Virus diseases
Cf. SF780.4 Veterinary virology
Cf. TD427.V55 Viral pollution of water
355 Periodicals, societies, congresses, serial publications
357 Collected works (nonserial)
358 Dictionaries and encyclopedias
History
359 General works
359.5.A-Z By region or country, A-Z
Biography
359.7 Collective
359.72.A-Z Individual, A-Z
360 General works, treatises, and textbooks
363 Pictorial works and atlases

Virology -- Continued
364 Popular works
365 Juvenile works
368 Addresses, essays, lectures
370 Special aspects of the subject as a whole
372.A-Z Special topics, A-Z
Bacteriophages see QR342+
372.M32 Macromolecules
372.O58 Oncogenic DNA viruses
372.O6 Oncogenic viruses
Cf. QR201.T84 Tumors
Study and teaching. Research
375 General works
376 Laboratory manuals
Laboratories
380.A1 General works
380.A3-Z By region or country, A-Z
Subarrange each country by Table Q6
383 Culture collections
Technique
385 General works
385.5 Isolation
386 Culture technique
387 Diagnostic technique
387.5 Electron microscopy. Ultrastructural studies
388 Counting and measuring
Statistical methods see QR72
388.5 Aquatic virology
389 Molecular virology
392 Variation
Cf. QH434 Microbial genetics
393 Terminology, notation, abbreviations
394 Classification. Nomenclature
Systematic divisions
For classification for viruses of specific diseases see QR201.A+
394.5 DNA viruses
Cf. QR372.O58 Oncogenic DNA viruses
395 RNA viruses
396 Adenoviruses
398 Arboviruses
398.5 Baculoviruses
398.6 Bromoviridae
398.7 Bunyaviruses
398.8 Caliciviruses
399 Coronaviruses
Herpesviruses
400 General works
400.2.A-Z Special, A-Z
400.2.E68 Epstein-Barr virus
400.2.H47 Herpes simplex virus
400.2.V37 Varicella-zoster virus
401 Iridoviruses
401.5 Luteoviridae. Luteoviruses
402 Mosaic viruses
403 Nidoviruses
For coronaviruses see QR399

Virology
Systematic divisions -- Continued
403.5 Noroviruses
404 Orthomyxoviruses. Myxoviruses
Paramyxoviruses
404.15 General works
404.2.A-Z Special, A-Z
404.2.N55 Nipah virus
404.2.S45 Sendai virus
Orthopoxviruses
405 General works
405.2.A-Z Special, A-Z
405.2.B83 Buffalopox virus
Papillomaviruses. Polyomaviruses
406 General works
406.2.A-Z Special, A-Z
406.2.S56 Simian virus 40. SV40
SV40 see QR406.2.S56
Parvoviruses. Picodnaviruses
408 General works
408.2.A-Z Special, A-Z
408.2.A34 Adeno-associated virus 2
408.2.C35 Canine parvovirus
408.2.D47 Dependoviruses
Picornaviruses
410 General works
410.2.A-Z Special, A-Z
410.2.E55 Enteroviruses
410.2.R45 Rhinoviruses
Polyomaviruses see QR406+
411 Potyviridae. Potyviruses
412 Poxviruses
414 Reoviruses
Retroviruses
414.5 General works
414.6.A-Z Special, A-Z
414.6.F6 Foamy viruses
414.6.H58 HIV
415 Rhabdoviruses
415.5 Togaviruses
416.A-Z Other groups of viruses, A-Z
416.C35 California group viruses
416.R8 Rubella viruses
Viruses of particular hosts see QR301+
Viruses of particular diseases see QR201.A+
Viruses of particular body organs or systems see QR171.A1+
Virus structure
450 General works
451 Size
452 Shape
453 Capsids
Including capsid proteins
454 Envelope
456 DNA
458 RNA
460 Protein

Virology
Virus structure -- Continued
Proteins, Capsids see QR453
462 Enzymes
465 Virus function
467 Biochemistry
469 Adsorption
470 Replication
472 Transformation
474 Lysogeny
Effect of environment
478.A1 General works, treatises, and textbooks
478.A2-Z By agent, A-Z
478.R3 Radiation
478.T4 Temperature
480 Virus-virus interaction
482 Virus-host interaction
484 Virus-vector interaction
500 Viroids
502 Prions

.A2	Ac Actinium
.A3	Ag Silver (Argentum)
	Alabamine see Q1 .A8
.A4	Al Aluminum
.A5	Am Americium
	Antimony see Q1 .S3
	Argentum see Q1 .A3
.A6	Ar Argon
.A7	As Arsenic
.A8	At Astatine (Alabamine)
.A9	Au Gold (Aurum)
.B1	B Boron
.B2	Ba Barium
.B4	Be Beryllium (Glucinum)
.B46	Bh Bohrium
.B5	Bi Bismuth
.B55	Bk Berkelium
.B7	Br Bromine
.C1	C Carbon
.C2	Ca Calcium
.C3	Cd Cadmium
	Cassiopeium see Q1 .L8
	Celtium see Q1 .H5
.C4	Ce Cerium
.C45	Cf Californium
.C5	Cl Chlorine
.C55	Cm Curium
.C57	Cn Copernicium
.C6	Co Cobalt
.C7	Cr Chromium
.C8	Cs Cesium
	Columbium see Q1 .N3
.C9	Cu Copper (Cuprum)
.D2	Db Dubnium
	Didymium see Q1 .P7
.D8	Dy Dysprosium
.E6	Er Erbium
.E7	Es Einsteinium
.E8	Eu Europium
.F1	F Fluorine
.F4	Fe Iron (Ferrum)
.F5	Fm Fermium
	Ferrum see Q1 .F4
.F7	Fr Francium
.G2	Ga Gallium
.G4	Gd Gadolinium
.G5	Ge Germanium
	Glucinum see Q1 .B4
	Gold see Q1 .A9
.H1	H Hydrogen
.H4	He Helium
.H5	Hf Hafnium (Celtium)
.H6	Hg Mercury (Hydrargyrum)
.H7	Ho Holmium
.H8	Hs Hassium
	Hydrargyrum see Q1 .H6

.I1	I Iodine
	Illinium see Q1 .P5
.I5	In Indium
.I7	Ir Iridium
	Iron see Q1 .F4
.K1	K Potassium (Kalium)
.K6	Kr Krypton
.L2	La Lanthanum
	Lead see Q1 .P3
.L5	Li Lithium
.L8	Lu Lutetium (Cassiopeium)
.L9	Lw Lawrencium
.M3	Md Mendelevium
.M4	Mg Magnesium
.M6	Mn Manganese
	Mercury see Q1 .H6
.M7	Mo Molybdenum
	Natrium see Q1 .N2
.N1	N Nitrogen
.N2	Na Sodium (Natrium)
.N3	Nb Niobium (Columbium)
.N4	Nd Neodymium
.N5	Ne Neon
.N6	Ni Nickel
	Niton see Q1 .R6
.N65	No Nobelium
.N7	Np Neptunium
.O1	O Oxygen
.O7	Os Osmium
.P1	P Phosphorus
.P2	Pa Protactinium
.P3	Pb Lead (Plumbum)
.P4	Pd Palladium
	Plumbum see Q1 .P3
.P5	Pm Promethium (Illinium)
.P6	Po Polonium
	Potassium see Q1 .K1
.P7	Pr Praseodymium. Didymium
.P8	Pt Platinum
.P9	Pu Plutonium
.R1	Ra Radium
.R3	Rb Rubidium
.R4	Re Rhenium
.R45	Rf Rutherfordium
.R47	Rg Roentgenium
.R5	Rh Rhodium
.R6	Rn Radon (Niton)
.R9	Ru Ruthenium
.S1	S Sulfur
.S3	Sb Antimony (Stibium)
.S4	Sc Scandium
.S5	Se Selenium
.S55	Sg Seaborgium
.S6	Si Silicon
	Silver see Q1 .A3
.S65	Sm Samarium

.S7	Sn Tin (Stannum)
	Sodium see Q1 .N2
	Stannum see Q1 .S7
	Stibium see Q1 .S3
.S8	Sr Strontium
.T2	Ta Tantalum
.T3	Tb Terbium
.T35	Tc Technetium
.T4	Te Tellurium
.T5	Th Thorium
	Tin see Q1 .S7
.T6	Ti Titanium
.T7	Tl Thallium
.T8	Tm Thulium
	Tungsten see Q1 .W1
.U7	U Uranium
.V2	V Vanadium
.W1	W Tungsten (Wolfram)
.X4	Xe Xenon
.Y1	Y Yttrium
.Y3	Yb Ytterbium
.Z6	Zn Zinc
.Z7	Zr Zirconium

.x	General works
.x2	Particle source
.x3	Effect of particles
.x4	Moments. Resonance. Spin. Symmetry
.x5	Capture. Decay. Lifetime
.x6	Charge. Density. Mass
.x7	Energy spectra. Radiation
.x8	Particle interactions. Scattering
(.x9)	Instrumentation
	see QC785.5+

.A1	General works
.A3-.Z	By region, country, or island, A-Z
	Offshore islands generally class with adjacent mainland

.x	General works
.x2A-.x2Z	Local, A-Z

.x	General works
.x2A-.x2Z	Special. By city, A-Z

.x	General works
.x2A-.x2Z	Individual laboratories, stations, or projects. By name, A-Z

.x	General works
.x2A-.x2Z	Local, A-Z
.x3A-.x3Z	Special schools or universities. By name, A-Z

A

A stars: QB843.A12
Aardvarks
  Zoology: QL737.T8
Abalones: QL430.5.H34
ABAP (Computer program language): QA76.73.A12
Abbreviations
  Analytical chemistry: QD71.8
  Biology: QH304.5
  Natural history: QH83.5
Abdomen
  Regional anatomy: QM543
Abduction (Logic)
  Philosophy of science: Q175.32.A24
Abelian functions: QA345
Abelian groups: QA180
Aberration
  Electromagnetic theory: QC671
  Spherical astronomy: QB163
Abominable snowman: QL89.2.Y4
Abrocomidae: QL737.R62
Abscisic acid
  Plant constituent: QK898.A15
Abscission
  Plant physiology: QK763
Absolute, The
  Physics: QC6.4.A27
Absorption
  Atomic physics: QC182
  Gas mechanics: QC162
  Heat transfer: QC331+
  Nutrition: QP165
Absorption apparatus
  Chemical laboratories: QD54.A3
Absorption of water
  Phytochemistry: QK871
Absorption spectra
  Analytical chemistry: QD96.A2
  Physics: QC454.A2
Absorptionmeter: QC465
Abstract algebra: QA162
Abstract automata
  Algebra: QA267+
Abstract data types
  Computer science: QA76.9.A23
Abstract harmonic analysis: QA403+
Abstract machines
  Algebra: QA267+
Abstracting and indexing
  Chemistry: QD9
Abyssal zone
  Ecology: QH541.5.D35
Abyssochrysidae: QL430.5.A18
Acanaloniidae: QL527.A2
Acanthaceae: QK495.A1655
Acantharia: QL368.A32
Acanthisittidae: QL696.P212
Acanthizidae: QL696.P213
Acanthocephala: QL391.A2
Acanthoceridae: QL596.A23
Acanthochitonidae: QL430.14.A26
Acanthoclinidae: QL638.A15
Acanthoctenidae: QL458.42.A2
Acanthometrida: QL368.A33
Acanthophractida: QL368.A335
Acanthosomatidae: QL523.A14
Acanthuridae: QL638.A2
Acari
  Paleozoology: QE826.A2
  Zoology: QL458+
Acaridae: QL458.2.A3
Acariformes: QL458.15.A33
Acarina
  Paleozoology: QE826.A2
  Zoology: QL458+
Acarophilism: QK924
Acceleration
  Physiological effect: QP82.2.A2
Accelerator mass spectrometry
  Physics: QC454.A25
Accentors: QL696.P266
Access control
  Computer science: QA76.9.A25
Accessory female organs: QP265
Accessory male organs: QP257
Accipitres
  Paleozoology: QE872.A15
Accipitridae: QL696.F32
Accipitriformes: QL696.F3+
Acclimatization
  Ecology: QH543.2
  Plant ecology: QK913
Accommodation, Eye
  Physiology: QP477
Accretion (Astrophysics): QB466.A25
Aceraceae: QK495.A17
Acerentomidae: QL503.6.A3
Acetic acid
  Animal biochemistry: QP752.A25
  Microbial metabolism: QR92.A3
Acetolactate synthase
  Plant constituent: QK898.A156
Acetone
  Animal biochemistry: QP801.A25
Acetylcholinesterase
  Animal biochemistry: QP609.A25
Acetylene
  Aliphatic compounds: QD305.H8
Acetylenes
  Plant constituent: QK898.A16
Acetyltransferases
  Animal biochemistry: QP606.A33
Achariaceae: QK495.A175

Achatinellidae: QL430.5.A2
Achatinidae: QL430.5.A22
Achatocarpaceae: QK495.A176
Achilidae: QL527.A25
Achilixiidae: QL527.A259
Acholeplasmataceae
  Microbiology: QR352.5.A3
Achondrites: QB758.5.A47
Achromatiaceae: QR82.A3
Aciculidae: QL430.5.A23
Acid-base equilibrium
  Physiology: QP90.7
Acid deposition
  Effect on plants and animals: QH545.A17
Acid precipitation
  Effect on plants and animals: QH545.A17
  Meteorology: QC926.5+
Acid rain
  Effect on plants and animals: QH545.A17
  Meteorology: QC926.5+
Acidity
  Bacterial physiology: QR97.A3
Acids
  Aliphatic compounds: QD305.A2
  Animal biochemistry: QP801.A26
  Aromatic compounds: QD341.A2
  Effect on plants: QK753.A25
  Effect on plants and animals: QH545.A2
  Theoretical chemistry: QD477
Acinetobacter infections
  Microbiology: QR201.A16
Acipenseridae: QL638.A25
Acipenseriformes: QL637.9.A3
  Paleozoology: QE852.A25
Aclididae: QL430.5.A24
Acmaeidae: QL430.5.A26
Acmite
  Mineralogy: QE391.A18
Aconchulinida: QL368.A36
Acorduleceridae: QL568.A17
Acouchis: QL737.R644
Acoustic holography: QC244.5
Acoustic localization: QC243.3.A24
Acoustic microscopes: QH212.A25
Acoustic nuclear magnetic resonance: QC762.6.A25
Acoustic phenomena
  Geophysics: QC809.A25
Acoustic properties
  Liquids: QC145.4.A25
  Petrology: QE431.6.A25
  Polymers: QD381.9.A25
  Semiconductors: QC611.6.A36
  Solid state physics: QC176.8.A3
Acoustic radiation
  Effect on cells: QH652.7
Acoustic streaming: QC243.3.A25
Acoustics
  Physics: QC221+
Acoustics, Nonlinear: QC244.2
Acoustics, Underwater: QC242+
Acoustooptics: QC220.5
Acquired immunity: QR185.3+
Acraeidae: QL561.A25
Acrasida: QL368.A38
Acrididae: QL508.A2
Acritarchs
  Paleozoology: QE899.2.A37
Acrobatidae: QL737.M346
Acrocephalidae: QL696.P2133
Acroceridae: QL537.A3
Acrochaetiaceae: QK569.A27
Acrochordidae: QL666.O62
Acrolepiidae: QL561.A254
Acrolophidae: QL561.A256
Acroloxidae: QL430.5.A28
Acropomatidae: QL638.A27
Acrothoracica: QL444.C52
Acrylic polymers
  Organic chemistry: QD383.A27
Actaeonellidae
  Paleozoology: QE809.A18
Actaeonidae: QL430.5.A29
  Paleozoology: QE809.A2
Actaletidae: QL503.A3
ACTH
  Animal biochemistry: QP572.A35
Actin: QP552.A27
Actin genes: QH447.8.A28
Actinide elements
  Effect on plants and animals: QH545.A23
  Inorganic chemistry: QD172.A3
  Radiation chemistry: QD651.A36
Actinidiaceae: QK495.A177
Actiniopteridaceae: QK524.A25
Actinium
  Chemical element: Q1 .A2
Actinoceratidae: QE807.A25
Actinolite: QE391.A2
Actinometers: QC912
Actinomycetaceae: QR82.A35
Actinomycosis
  Microbiology: QR201.A2
Actinomyxida: QL368.A4
Actinophryida: QL368.A44
Actinoplanaceae: QR82.A355
Actinopoda: QL368.A14
Actinopodidae: QL458.42.A28
Active galaxies: QB858.3+
Active regions of the sun: QB526.A37
Activity programs
  Botany: QK52.55
Actomyosin: QP552.A32
Aculognathidae: QL596.A27

Acyclic acids
  Animal biochemistry: QP801.A265
Acylation
  Organic chemistry: QD281.A2
Ada (Computer program language): QA76.73.A35
Adakite: QE462.A34
Adaptation
  Ecology: QH546
  Endocrine glands: QP187.3.A28
  Heart: QP114.A32
Adaptive computing: QA76.9.A3
Addition
  Elementary mathematics: QA115
Adelanthaceae: QK555.A3
Adelgidae: QL527.A3
Adelidae: QL561.A3
Adenine nucleotides
  Animal biochemistry: QP625.A25
Adeno-associated virus 2
  Virology: QR408.2.A34
Adenosine
  Animal biochemistry: QP625.A27
Adenosine diphosphate ribose: QP625.A29
Adenosine triphosphatase
  Animal biochemistry: QP609.A3
  Plant constituent: QK898.A18
Adenosine triphosphate
  Animal biochemistry: QP625.A3
Adenosylmethionine: QP563.A3
Adenovirus diseases
  Microbiology: QR201.A27
Adenoviruses
  Virology: QR396
Adenylate cyclase
  Animal biochemistry: QP613.A33
Adenylic acid
  Animal biochemistry: QP625.A35
Aderidae: QL596.A3
Adermine
  Animal biochemistry: QP772.P9
Adhesion
  Cytology: QH623
  Solid state physics: QC176.8.A35
Adhesion, Bacterial: QR96.8
Adiabatic calorimeters: QC293.A3
Adiabatic invariants (Mathematical physics): QC20.7.A34
Adiabatic processes
  Meteorology: QC880.4.A3
Adiantaceae: QK524.A29
Adiaspiromycosis
  Microbiology: QR201.A3
Adipose tissues
  Human histology: QM565
  Physiology: QP88.15
Adjuvants
  Immunology: QR187.3
Adobe Acrobat
  File conversion software: QA76.9.F48
Adoxaceae: QK495.A178
Adrenal cortex
  Physiology: QP188.A28
Adrenal glands
  Physiology: QP188.A3
Adrenal medulla
  Physiology: QP188.A33
Adrenaline
  Animal biochemistry: QP572.A27
Adrenergic receptors
  Cardiovascular system: QP110.A37
Adrenocortical hormones
  Animal biochemistry: QP572.A3
Adrenocorticotrophic hormone
  Animal biochemistry: QP572.A35
Adrianichthyidae: QL638.A29
Adsorption
  Atomic physics: QC182
  Cytology: QH622
  Gas mechanics: QC162
  Physical chemistry: QD547
  Virology: QR469
Adult stem cells
  Cytology: QH588.A38
Aegeriidae: QL561.S47
Aegialiidae: QL596.A37
Aegithalidae: QL696.P2135
Aegithinidae: QL696.P2344
Aegothelidae: QL696.C22
Aegyptianella: QR82.A39
Aeolidiidae: QL430.5.A45
Aeolothripidae: QL598.3.A4
Aepophilidae: QL523.A35
Aepyornithiformes
  Paleozoology: QE872.A2
Aerial erosion
  Geology: QE597
Aerial photography in botany: QK46.5.A47
Aerial photography in geology: QE33.2.A3
Aerodynamics
  Fluid dynamics: QA930
Aerolites
  Astronomy: QB758+
Aeromonadaceae: QR82.A43
Aeronautical almanacs
  Ephimerides: QB8.A+
Aeronautics in astronomy: QB135.5
Aeronautics in marine biology: QH91.57.A4
Aeronautics in meteorology: QC879.3+
Aeronomy: QC878.5+
Aerosols
  Atmospheric pollutants: QC882.4+
Aeshnidae: QL520.3.A4
Aesthetics
  Philosophy of science: Q175.32.A47

Aethialoniidae: QL527.A4
Aextoxicaceae: QK495.A185
Afferent pathways
  Anatomy: QL938.A35
Affine geometry: QA477
Affinity, Chemical
  Physical chemistry: QD505.5
Affinity chromatography: QP519.9.A35
Affinity electrophoresis: QP519.9.A36
Affinity labeling: QP519.9.A37
Affinity scheduling: QA76.5295.A34
African mole rats: QL737.R628
African swine fever
  Microbiology: QR201.A35
African violet
  Botany: QK495.G4
African wild dog
  Anecdotes: QL795.A35
Afrosoricida: QL737.A35+
After-images
  Physiology: QP482.5
Afterglow
  Electric discharge: QC711.8.A34
Aftershocks
  Seismology: QE539.2.A4
Agallidae: QL527.A44
Agamidae: QL666.L223
Agaontidae: QL568.A23
Agapanthaceae: QK495.A24
Agar
  Animal biochemistry: QP702.A3
Agaricaceae: QK629.A4
Agaricales: QK629.A44
Agaristidae: QL561.A4
Agassiz
  Natural history: QH31.A2
Agates
  Mineralogy: QE391.Q2
Agaves: QK495.A83
Age determination
  Fishes: QL639.15
  Mammals: QL739.25
  Reptiles and amphibians: QL669.25
  Zoology: QL60.7
Age/growth calculations
  Fishes: QL639.15
Age of solar system: QB503
Age of the earth: QE508
Agelenidae: QL458.42.A3
Ageneiosidae: QL638.A3
Agglutination
  Antigen-antibody reactions: QR187.A3
  Blood physiology: QP99.5.A3
Aggregation
  Microbiology: QR73.6
Aggression
  Animals: QL758.5
Aging
  Biology: QH529
  Cells: QH608
  Developmental physiology: QP86
  Endocrine glands: QP187.3.A34
  Heart: QP114.A35
  Plant physiology: QK762.5+
Aglucones
  Animal biochemistry: QP702.A35
Aglycyderidae: QL596.A4
Agmatine
  Animal biochemistry: QP563.A38
Agnatha
  Paleozoology: QE852.A33
  Zoology: QL638.12+
Agnostida
  Paleozoology: QE823.A35
Agonidae: QL638.A316
Agonistic behavior
  Animals: QL758.5
Agonomycetaceae: QK625.A48
Agonoxenidae: QL561.A46
Agoutidae: QL737.R623
Agoutis: QL737.R644
Agricultural chemicals
  Effect on plants and animals: QH545.A25
Agricultural geology: QE37
Agricultural microbiology: QR51
Agrionidae: QL520.3.A5
Agriotypidae: QL568.A24
Agromyzidae: QL537.A4
AIDS (Disease)
  Microbiology: QR201.A37
  Vaccines: QR189.5.A33
AIDS vaccines: QR189.5.A33
Ailuridae: QL737.C214
Air
  Chemistry: QD163
  Fluid mechanics: QC161+
  Microbiology: QR101
Air almanacs
  Ephimerides: QB8.A+
Air analysis
  Analytical chemistry: QD121
Air masses
  Climatology: QC981.8.A5
  Meteorology: QC880.4.A5
Air pollution
  Effect on plants: QK751
  Effect on plants and animals: QH545.A3
  Physiological effect: QP82.2.A3
Air sacs
  Anatomy: QL855
Air thermometers: QC273
Airbreathing catfishes: QL638.C6
Airglow: QC976.A3

Aistopoda
  Paleozoology: QE868.A46
Aizoaceae: QK495.A32
Akaniaceae: QK495.A34
Akysidae: QL638.A32
Alabetidae: QL638.G6
Alangiaceae: QK495.A36
Alanine aminopeptidase
  Animal biochemistry: QP609.A38
Alariaceae: QK569.A43
Alaskite: QE462.A35
Alaudidae: QL696.P214
Albamine
  Chemical element: Q1 .A8
Albatrosses
  Zoology: QL696.P63
Albedo: QC912.5
Albitite: QE462.A37
Albuginaceae: QK621.A42
Albulidae: QL638.A335
Albumins
  Animal biochemistry: QP552.A43
  Blood constituents: QP99.3.A4
  Plant constituent: QK898.A2
Alcedinidae: QL696.C72
Alchemy: QD23.3+
  History: QD13
Alcidae: QL696.C42
  Paleozoology: QE872.A3
Alciformes: QL696.C4+
Alcohol
  Animal biochemistry: QP801.A3
  Radiation chemistry: QD651.A4
Alcohol dehydrogenase
  Animal biochemistry: QP603.A34
Alcohols
  Aliphatic compounds: QD305.A4
  Aromatic compounds: QD341.A4
  Spectra: QC463.A4
Alcyonaria: QL377.C6
Aldehyde dehydrogenase
  Animal biochemistry: QP603.A35
Aldehydes
  Aliphatic compounds: QD305.A6
  Animal biochemistry: QP801.A33
  Aromatic compounds: QD341.A6
Alderflies
  Zoology: QL514.7.S52
Aldolases
  Animal biochemistry: QP613.A4
Aldosterone
  Animal biochemistry: QP572.A4
Aldrin
  Effect on plants and animals: QH545.A4
Alephcephalidae: QL638.A35
Alepisauridae: QL638.A34
Aleyrodidae: QL527.A5
Algae: QK564+
  Paleontolology: QE955
Algebra: QA150+
Algebra of currents
  Atomic physics: QC174.52.A43
  Elementary particle physics: QC793.3.A4
Algebraic fields: QA247+
Algebraic functions: QA341
Algebraic geometry: QA564+
  Elementary particle physics: QC793.3.G46
  Mathematical physics: QC20.7.A37
Algebraic logic: QA10+
Algebraic logic (Mathematical physics): QC20.7.A4
Algebraic numbers: QA247+
Algebraic topology: QA612+
Algin
  Plant constituent: QK898.A3
ALGOL (Computer program language): QA76.73.A24
Algol systems: QB833+
Algology: QK564+
Algorithms: QA9.58
  Computer science: QA76.9.A43
Alicyclic compounds: QD305.H9
Alienidae: QL568.A3
Alimentary canal
  Microbiology: QR171.A43
Aliphatic compounds: QD300+
Alismataceae: QK495.A4
Alkahest: QD26.5.A4
Alkali heath
  Botany: QK495.F67
Alkali metal electrodes: QD572.A65
Alkali metal halides
  Spectra: QC464.A43
Alkali metals
  Geochemistry: QE516.A35
  Inorganic chemistry: QD172.A4
Alkalic igneous rocks: QE462.A4
Alkaline earth ferricyanides
  Spectra: QC464.A44
Alkaline earth metals
  Inorganic chemistry: QD172.A42
Alkaline phosphatase
  Animal biochemistry: QP609.A4
Alkaloids
  Animal biochemistry: QP801.A34
  Biochemistry: QD421+
  Effect on plants: QK753.A4
  Plant constituent: QK898.A4
  Spectra: QC463.A47
Alkanes
  Aliphatic compounds: QD305.H6
  Microbial metabolism: QR92.A49
Alkenes
  Aliphatic compounds: QD305.H7
Alkoxides
  Organic chemistry: QD411.8.A47

Alkylation
  Organic chemistry: QD281.A5
Alkynes
  Aliphatic compounds: QD305.H8
All terrain bicycles
  Effect on plants and animals: QH545.A42
All terrain cycling
  Effect on plants and animals: QH545.A42
All terrain vehicles
  Effect on plants and animals: QH545.A43
Allactoneuridae: QL537.A45
Allanite
  Mineralogy: QE391.A4
Allantoin
  Animal biochemistry: QP801.A35
Allantoinase
  Animal biochemistry: QP609.A43
Allantois
  Embryology: QL973
Alleculidae: QL596.A42
Alleged animals: QL89+
Alleles
  Recombination genetics: QH447+
Allelochemicals
  Plant constituent: QK898.A43
Allelopathic agents
  Plant constituent: QK898.A43
Allende meteorite: QB756.A44
Allergy
  Immunology: QR188
Alliaceae: QK495.A42
Alligators
  Anecdotes: QL795.A4
  Zoology: QL666.C925
Alloptidae: QL458.2.A44
Allostasis
  Physiological effect: QP82.2.A36
Allosteric proteins
  Animal biochemistry: QP552.A436
Allosteric regulation
  Animal biochemistry: QP517.A55
Allostethidae: QL510.3.A4
Allotropy: QD470
Alloys
  Analytical chemistry: QD135+
  Microbiology: QR53.5.A44
  Semiconductor physics: QC611.8.A44
  Superconductors: QC611.98.A44
Almucantar: QB103
Aloaceae: QK495.A42
Alopiidae: QL638.95.A4
Alpha fetoproteins
  Animal biochemistry: QP552.A439
Alpha-keto acid dehydrogenase
  Animal biochemistry: QP603.A37
Alpha macroglobulins
  Blood constituents: QP99.3.A45
Alpha particles
  Elementary particle physics: QC793.5.A22+
Alpha rays
  Elementary particle physics: QC793.5.A22+
Alpha-synuclein
  Animal biochemistry: QP552.A4397
Altazimuth: QB103
Alternating currents
  Electrodynamics: QC641
Alternation of generations
  Plant anatomy: QK663
  Reproduction: QH489
Alticidae: QL596.A43
Altitude
  Physiological effect: QP82.2.A4
Altitude of clouds: QC922+
Altitude of meteors: QB743
Altruistic behavior
  Animals: QL775.5
Alucitidae: QL561.A48
Aluminum
  Chemical element: Q1 .A4
  Effect on plants: QK753.A45
  Superconductors: QC611.98.A48
Aluminum alloys
  Analytical chemistry: QD137.A6
Alunite
  Mineralogy: QE391.A45
Alydidae: QL523.A4
Alysiidae: QL568.A34
Alyssonidae: QL568.A344
Alytidae: QL668.E214
Amanitaceae: QK629.A53
Amaranth
  Botany: QK495.A48
Amaranthaceae: QK495.A48
Amarsipidae: QL638.A36
Amaryllidaceae: QK495.A484
Amaryllis
  Botany: QK495.A484
Amastridae: QL430.5.A5
Amathusiidae: QL561.A5
Amaurobiidae: QL458.42.A4
Amaurobioididae: QL458.42.A57
Amazonite
  Mineralogy: QE391.A48
Amber
  Mineralogy: QE391.A5
Amber fauna
  Paleontology: QE742
Amber flora
  Paleobotany: QE932
  Paleontology: QE742
Ambersnails: QL430.5.S87
Ambient intelligence
  Computer science: QA76.9.A48
Amblemidae: QL430.7.A34

Amblycipitidae: QL638.A364
Amblyopsidae: QL638.A366
Amblypygi: QL458.3+
Amblystegiaceae: QK539.A6
Amborellaceae: QK495.A485
Ambushbugs: QL523.P53
Ambystomatidae: QL668.C23
Amebiasis
  Microbiology: QR201.A55
America Online: QA76.57.A43
American leaf-nosed bats: QL737.C57
American opossums: QL737.M34
American sparrows
  Zoology: QL696.P2438
Americium
  Chemical element: Q1 .A5
Ameronothridae: QL458.2.A45
Amethysts
  Mineralogy: QE394.A4
Ametropodidae: QL505.3.S5
Amidases
  Animal biochemistry: QP609.A438
Amides
  Aliphatic compounds: QD305.A7
  Aromatic compounds: QD341.A7
Amiidae: QL638.A37
Amiiformes
  Paleozoology: QE852.A4
Amination
  Organic chemistry: QD281.A6
Amine polymers
  Organic chemistry: QD383.A55
Amines
  Animal biochemistry: QP801.A48
Amino acid oxidases
  Animal biochemistry: QP603.A4
Amino acids
  Animal biochemistry: QP561+
  Biochemistry: QD431+
  Microbial metabolism: QR92.A6
  Plant constituent: QK898.A5
Amino compounds
  Aliphatic compounds: QD305.A8
  Aromatic compounds: QD341.A8
Amino oxidase
  Animal biochemistry: QP603.M6
Amino sugars
  Animal biochemistry: QP702.A4
Aminoacyl-tRNA
  Plant constituent: QK898.A52
Aminoacyl-tRNA synthetases
  Animal biochemistry: QP619.A45
Aminobenzoic acids
  Animal biochemistry: QP772.A4
Aminobutyric acid
  Animal biochemistry: QP563.A48
Aminocapric acid
  Animal biochemistry: QP563.A5
Aminopeptidases
  Animal biochemistry: QP609.A44
Aminotransferases
  Animal biochemistry: QP606.A43
Amintes
  Spectra: QC463.A8
Ammeters
  Physics: QC615
Ammodytidae: QL638.A4
Ammonia
  Effect on plants and animals: QH545.A45
  Radiation chemistry: QD651.A45
  Spectra: QC464.A47
Ammonoidea
  Paleozoology: QE807.A5
Ammonolysis
  Organic chemistry: QD281.A63
Ammotrechidae: QL458.82.A4
Ammoxenidae: QL458.42.A45
Amnicolidae: QL430.5.H9
Amnion
  Embryology: QL975
Amniotes: QE847
Amniotic fluid
  Embryology: QL975
Amoebida: QL368.A5
Amorphous substances
  Magnetic materials: QC766.A4
  Semiconductor physics: QC611.8.A5
  Solid state physics: QC176.8.A44
Amphibian watching: QL645.6+
Amphibians
  Paleozoology: QE867+
  Zoology: QL667+
Amphibians and reptiles
  Zoology: QL640+
Amphiboles: QE391.A53
Amphibolite: QE475.A4
Amphiliidae: QL638.A44
Amphineura
  Paleozoology: QE805
Amphiphiles
  Organic chemistry: QD382.A47
Amphipnoidae: QL638.A47
Amphipoda: QL444.M315
  Paleozoology: QE817.A6
Amphipterygidae: QL520.3.A6
Amphisbaeni: QL666.L192+
Amphisbaenidae: QL666.L193
Amphitheridae: QL561.A57
Amphiumidae: QL668.C237
Amphizoidae: QL596.A45
Amplitude
  Sound waves: QC243.3.A4
Ampulicidae: QL568.A36

Ampullariidae: QL430.5.A57
Amydriidae: QL561.T55
Amylase
  Animal biochemistry: QP609.A45
Amylin
  Animal biochemistry: QP572.A48
Amyloid
  Animal biochemistry: QP552.A45
  Plant constituent: QK898.A53
Amyloses
  Animal biochemistry: QP702.A48
AN/FSQ-7
  Computer: QA76.8.A54
Anabantidae: QL638.A5
Anablepidae: QL638.A53
Anacanthobatidae: QL638.85.A5
Anacardiaceae: QK495.A498
Anacharitidae: QL568.A38
Anaerobic bacteria
  Microbiology: QR89.5
Anaerobic fungi: QK604.2.A52
Anaerobic infections
  Microbiology: QR201.A57
Anaerobiosis
  Biology: QH518.5
  Phytochemistry: QK894
Analcime
  Mineralogy: QE391.A55
Analgidae: QL458.2.A5
Analog computers: QA76.4
Analysis
  Biochemistry: QD431.25.A53
  Mathematical physics: QC20.7.A5
  Mathematics: QA299.6+
  Organic chemistry
    Carbohydrates: QD322.A52
  Organometallic chemistry: QD411.7.A53
  Plants: QK865+
Analysis of covariance: QA279+
Analysis of means: QA279+
Analysis of variance: QA279+
Analytic geometry: QA551+
Analytic mechanics: QA801+
Analytical biochemistry
  Physiology: QP519.7+
Analytical chemistry: QD71+
Analytical geochemistry
  Geology: QE516.3
Analytical methods used in the solution of physical
  problems: QA401+
Anapidae: QL458.42.A48
Anaplasmataceae
  Microbiology: QR353.5.A5
Anarhichadidae: QL638.A54
Anaspida
  Paleozoology: QE852.A5
Anaspidacea: QL444.M317
Anataeliidae: QL510.3.A5
Anatidae: QL696.A52
Anatinidae: QL430.7.A4
Anatomy
  Amphibians: QL669
  Apterygota: QL504
  Arachnida: QL459
  Arthropoda: QL434.7
  Birds: QL697+
  Blattaria: QL505.8
  Brachiopoda: QL395.9
  Bryozoa: QL399
  Coelenterata: QL378
  Coleoptera: QL597
  Crustacea: QL445
  Ctenophora: QL380.7
  Dermaptera: QL510.4
  Diptera: QL538
  Echinodermata: QL385
  Embioptera: QL539.4
  Ephemeroptera: QL505.4
  Fishes: QL639
  Fungi: QK601
  Hemiptera: QL524
  Homoptera: QL528
  Hornworts: QK563.77
  Hymenoptera: QL569
  Insects: QL494
  Invertebrates: QL363
  Isoptera: QL529.4
  Lepidoptera: QL562
  Lichens: QK581
  Mallophaga: QL540.4
  Mammals: QL739
  Mantodea: QL505.95
  Mecoptera: QL598.8
  Megaloptera: QL514.8
  Mollusca: QL431
  Myriapoda: QL449.9
  Neuroptera: QL514
  Odonata: QL520.4
  Orthoptera: QL509
  Plecoptera: QL530.4
  Porifera: QL374
  Protozoa: QL369
  Raphidioptera: QL514.95
  Reptiles: QL669
  Siphonaptera: QL599.8
  Strepsiptera: QL599.4
  Thysanoptera: QL598.4
  Trichoptera: QL519
  Worms: QL393
  Zoology: QL801+
Anatomy, Human: QM1+
Anatomy, Regional
  Human anatomy: QM531+
  Zoology: QL950.1+

Anatomy, Surgical
  Human anatomy: QM531+
Anatomy, Topographical
  Human anatomy: QM531+
  Zoology: QL950.1+
Anchovies
  Zoology: QL638.E55
Ancistrocladaceae: QK495.A499
Ancistrogastridae: QL510.3.A52
Ancylidae: QL430.5.A63
Anderson model
  Solid state physics: QC176.8.A54
Andesine: QE391.A57
Andesite: QE462.A5
Andorite
  Mineralogy: QE391.A572
Andrenidae: QL568.A4
Androecium: QK658
Androgens
  Animal biochemistry: QP572.A5
Andrognathidae: QL449.65.A6
Android
  Computer software
    Operating systems: QA76.774.A53
Androstane
  Animal biochemistry: QP752.A5
Androstenedione
  Animal biochemistry: QP572.A52
Anecdotes
  Animals: QL791+
Anechoic chambers
  Instruments and apparatus: QC668.A54
Anechuridae: QL510.3.A54
Anelytropsidae: QL666.L225
Anemometer
  Meteorology: QC932
Aneroid barometers
  Meterology: QC896
Aneuploidy: QH461
Aneuraceae: QK555.A5
Aneurine
  Animal biochemistry: QP772.T5
Angel sharks: QL638.95.S88
Angiospermophyta
  Paleobotany: QE980+
Angiosperms
  Botany: QK495.A1+
Angiotensin converting enzyme
  Animal biochemistry: QP609.A53
Angiotensins
  Animal biochemistry: QP572.A54
Angle measurement
  Weights and measures: QC103
Angles
  Plane geometry: QA482
Anguidae: QL666.L2254
Anguillidae: QL638.A55
Anguilliformes
  Paleozoology: QE852.A53
  Zoology: QL637.9.A5
Angular correlations
  Nuclear interactions: QC794.6.A5
Angular distribution
  Nuclear fission: QC790.4.A6
  Nuclear interactions: QC794.6.A5
Angular momentum
  Elementary particle physics: QC793.3.A5
  Physical optics: QC446.3.A54
  Quantum mechanics: QC174.17.A53
AngularJS
  Computer software: QA76.76.A54
Anhimidae: QL696.A53
Anhingidae: QL696.P42
Anhydrite
  Mineralogy: QE391.A573
Anhydrobiosis
  Biology: QH524
  Microbiology: QR93
Aniliidae: QL666.O625
Animal attacks
  Zoology: QL100.5
Animal behavior: QL750+
Animal biochemistry: QP501+
Animal colonies
  Invertebrates: QL364.5
Animal droppings: QL768
Animal ecophysiology: QP82+
Animal fetal development: QL971+
Animal genetics
  Biology: QH432
Animal heat
  Physiology: QP135
Animal introduction
  Zoology: QL86
Animal models
  Heart: QP112.5.A55
  Immunology: QR182.2.A54
Animal pigments
  Organic chemistry: QD441
Animal-plant relationships: QH549.5
Animal populations: QL752
Animal psychology: QL785+
Animal signs: QL768
Animal societies: QL775
Animal stories: QL791+
Animal tracks: QL768
Animal variation
  Evolution: QH408
Animal weapons
  Anatomy: QL940
Animalcules
  Invertebrates: QL365
Animals
  Behavior: QL750+

Animals
  Biochemistry: QH345
  Comparison with plants: QH347
Animals and civilization: QL85
Animals, Dangerous
  Zoology: QL100+
Animals in geology: QE625
Animals, Poisonous
  Zoology: QL100+
Animo acids
  Animal biochemistry: QP551+
Anion separation
  Electrochemistry: QD562.A54
Anions
  Electric discharge: QC702.7.N4
Anis: QL696.C83
Anise tree
  Botany: QK495.I4
Anisembiidae: QL539.3.A5
Anisochromidae: QL638.P84
Anisophylleaceae: QK495.A55
Anisoptera
  Paleozoology: QE832.A53
Anisotropy
  Crystallography: QD941
Annealing
  Solid state physics: QC176.8.A6
Annelida: QL391.A6
Anniellidae: QL666.L2256
Annonaceae: QK495.A6
Annual parallax
  Spherical astronomy: QB167
Annual rings
  Trees and shrubs: QK477.2.A6
Annulariidae: QL430.5.A65
Annulenes
  Aromatic compounds: QD341.A83
Anobiidae: QL596.A5
Anodic stripping voltammetry
  Electrochemical analysis: QD116.V64
Anomalepididae: QL666.O626, QL666.O6265
Anomalopidae: QL638.A556
Anomalopsychidae: QL518.A55
Anomalous dispersion
  Optics: QC435
Anomaluridae: QL737.R624
Anomologidae: QL561.A65
Anoplogasteridae: QL638.A56
Anoplopomatidae: QL638.A567
Anoplura
  Paleozoology: QE832.A55
  Zoology: QL570+
Anorthosite: QE462.A55
Anostomidae: QL638.A568
Anostostomatidae
  Zoology: QL508.A56
Anostraca: QL444.B815
Anotopteridae: QL638.A57
Anoxemia
  Metabolism: QP177
Anseriformes: QL696.A5+
  Paleozoology: QE872.A6
Ant thrushes: QL696.P2455
Antagonistic fungi: QK604.2.A56
Antarctic Ocean
  Zoology: QL126.5
Antarctica
  Biogeography: QH84.2
  Ecology: QH84.2
Antbirds, Typical: QL696.P2816
Anteaters
  Zoology: QL737.E24
Antelopes
  Anecdotes: QL795.A6
Antennae
  Anatomy: QL945.5
Antennariidae: QL638.A577
Anthelidae: QL561.A67
Anthicidae: QL596.A62
Anthoboscidae: QL568.A48
Anthoceros: QK563.85.A57
Anthocerotaceae: QK555.A6
Anthocoridae: QL523.A5
Anthocyanins
  Plant constituent: QK898.A55
Anthomyiidae: QL537.A5
Anthomyzidae: QL537.A53
Anthophoridae: QL568.A53
Anthozoa: QL377.C5+
  Paleozoology: QE778
Anthracene
  Organic chemistry: QD393
  Spectra: QC463.A84
Anthracosauria
  Paleozoology: QE868.A48
Anthraquinones
  Spectra: QC463.A86
Anthrax
  Microbiology: QR201.A6
Anthribidae: QL596.A63
Anthropometric assessment
  Nutrition research: QP143.5.A58
Anti-idiotypic vaccines: QR189.5.A56
Anti-infective agents
  Bacterial physiology: QR97.A57
  Testing: QR69.A56
Antibiosis: QR99+
Antibiosis resistance: QR99.5
Antibiotic testing
  Microbiology: QR69.A57
Antibiotics
  Animal biochemistry: QP801.A63
  Bacterial physiology: QR97.A58
  Organic chemistry: QD375+

Antibodies
  Immunology: QR186.7+
Antibody-toxin conjugates: QR185.8.A58
Anticlines
  Geology: QE606.3.A58
Antiferromagnetism
  Physics: QC761.5
Antifreeze proteins
  Animal biochemistry: QP552.A56
Antigen-antibody reactions
  Microbiology: QR187.A1+
Antigen presenting cells: QR185.8.A59
Antigens
  Immunology: QR186.5+
Antigravity: QC178
Antihemorrhage vitamin
  Animal biochemistry: QP772.V55
Antilocapridae: QL737.U52
Antimatter, Constitution of: QC172+
Antimatter, Properties of: QC173.28+
Antimetabolites
  Animal biochemistry: QP801.A65
Antimonates
  Mineralogy: QE389.64
Antimonides
  Mineralogy: QE389.2
Antimony
  Chemical element: Q1 .S3
Antimony ores
  Mineralogy: QE390.2.A58
Antimutagens: QH468
Antioxidants
  Animal biochemistry: QP801.A66
  Plant constituent: QK898.A57
Antipernicious anemia vitamin
  Animal biochemistry: QP772.C9
Antirickets vitamin
  Animal biochemistry: QP772.V53
Antiscurvy vitamin
  Animal biochemistry: QP772.A8
Antisense DNA
  Animal biochemistry: QP624.5.A57
Antisense RNA
  Animal biochemistry: QP623.5.A58
Antisterility vitamin
  Animal biochemistry: QP772.T6
Antithrombins: QP93.7.A58
Antitoxins
  Animal biochemistry: QP631+
Antiviral proteins
  Plant constituent: QK898.A59
Antivitamins
  Animal biochemistry: QP801.A67
Antixerophthalmia vitamin
  Animal biochemistry: QP772.V5
Antlike flower beetles: QL596.A62
Antlions: QL513.M9
Antpipits: QL696.P2365
Antrodiaetidae: QL458.42.A5
Ants
  Paleozoology: QE832.H9
  Zoology: QL568.F7
Anura: QL668.E2+
  Paleozoology: QE868.A5
Anyon superconductivity: QC611.98.A58
Anyons
  Elementary particle physics: QC793.5.A25+
Anyphaenidae: QL458.42.A57
Anystidae: QL458.2.A58
Aorta
  Physiology: QP106.2
Aortic paraganglia
  Physiology: QP188.A6
Aortic valve
  Physiology: QP114.A57
Aoteidae: QL638.A6
Apachyidae: QL510.3.A6
Apatite
  Mineralogy: QE391.A6
Aperiodic tilings
  Discrete geometry: QA640.72
Apexes
  Plant anatomy: QK645+
Aphelinidae: QL568.A55
Aphididae: QL527.A64
Aphidiidae: QL568.A57
Aphids
  Zoology: QL525+
Aphodiidae: QL596.A64
Aphredoderidae: QL638.A63
Aphrophoridae: QL527.A647
Apicomplexa: QL368.A16
Apidae: QL568.A6
Apioceridae: QL537.A6
Apiomorphidae: QL527.A65
APL (Computer program language): QA76.73.A27
Aplacophora: QL430.1+
  Paleozoology: QE805
Aplite: QE462.A63
Aploactinidae: QL638.A64
Aplocheilidae: QL638.A642
Aplochitonidae: QL638.A643
Aplodactylidae: QL638.A65
Aplodontidae: QL737.R626
Aplysiidae: QL430.5.A66
Apochrysidae: QL513.A6
Apocynaceae: QK495.A66
Apoda: QL668.A6+
  Paleozoology: QE868.A6
Apodidae: QL696.A552
Apodiformes: QL696.A55+
Apogonidae: QL638.A7
Apolipoproteins
  Blood constituents: QP99.3.A65

Aponogetonaceae: QK495.A667
Apoprogonidae: QL561.A7
Apostomatida: QL368.A57
Appetite
  Physiology: QP136
AppleScript (Computer program language): QA76.73.A67
Application program interfaces
  Computer science: QA76.76.A63
Application software
  Computer software: QA76.76.A65
Applied ethnobotany: QK86.5
Approximation theory
  Algebra: QA221+
  Quantum mechanics: QC174.17.A66
Apterogynidae: QL568.A7
Apteronotidae: QL638.A73
Apterygidae: QL696.A63
  Paleozoology: QE872.A7
Apterygiformes: QL696.A6+
Apterygota
  Zoology: QL501+
Aqua ions
  Electrochemistry: QD562.A75
Aquaporins
  Animal biochemistry: QP552.A65
Aquariums, Freshwater: QL78
Aquariums, Public: QL78+
Aquatic biology
  Biogeography: QH90+
Aquatic biology as a profession: QH90.45
Aquatic birds
  Zoology: QL678.5+
Aquatic ecology: QH541.5.W3
Aquatic flora
  Botany: QK102+
Aquatic fungi
  Botany: QK617.8+
Aquatic insects
  Zoology: QL472+
Aquatic microbiology: QR105+
Aquatic parks
  Freshwater biology: QH96.75.A1+
Aquatic plants
  Botany: QK930+
Aquatic radioecology: QH543.58+
Aquatic reptiles: QL665.3+
Aquatic virology: QR388.5
Aquatics
  Plant ecology: QK916
Aqueous erosion
  Geology: QE581
Aqueous solvents
  Physical chemistry: QD544.3
Aqueous vapor
  Meteorology: QC915+
Aquifoliaceae: QK495.A67
Arabinoglactan
  Plant constituent: QK898.A67
Araceae: QK495.A685
Arachidonic acid
  Animal biochemistry: QP752.A7
Arachnida
  Paleozoology: QE825+
Aradidae: QL523.A7
Aragonite
  Mineralogy: QE389.61
Arakelov theory
  Algebra: QA242.6
Araliaceae: QK495.A6853
Aramidae: QL696.G82
Araneae: QL458.4+
  Paleozoology: QE826.A6
Araneida: QL458.4+
  Paleozoology: QE826.A6
Araneidae: QL458.42.A7
Arapaimidae: QL638.O88
Araucariaceae: QK494.5.A7
Arboretums
  Botany: QK479+
Arbovirus infections
  Microbiology: QR201.A72
Arboviruses
  Virology: QR398
Arc discharge
  Electric discharge: QC705
Arc measures
  Geodesy: QB291
Arc spectra
  Analytical chemistry: QD96.A7
  Physics: QC454.A7
Arcellinida: QL368.A63
Archaean
  Stratigraphy: QE653.3
Archaebacteria: QR82.A69
Archaeidae: QL458.42.A73
Archaeogastropoda
  Paleozoology: QE809.A72
Archaeognatha: QL503.7.A1+
Archaeonithes
  Paleozoology: QE872.A8
Archiblattidae: QL505.7.A73
Archigregarinida: QL368.A66
Architectonicidae: QL430.5.A69
Architecture, Computer: QA76.9.A73
Architeuthidae: QL430.3.A73
Arcidae: QL430.7.A72
  Paleozoology: QE812.A8
Arctic Ocean
  Zoology: QL126
Arctic regions
  Biogeography: QH84.1+
Arcticidae: QL430.7.A74
Arctiidae: QL561.A8

Ardeidae: QL696.C52
Ardeiformes: QL696.C5+
Area
  Measurement: QC104.5
Areas and volumes
  Surfaces
    Infinitesimal geometry: QA636
Arenavirus diseases
  Microbiology: QR201.A74
Arenites: QE471.15.A68
Areolariidae: QL505.7.A74
Areopodidae: QL527.D44
Argasidae: QL458.2.A74
Argentinidae: QL638.A75
Argentum
  Chemical element: Q1 .A3
Argidae: QL568.A77
Arginase
  Animal biochemistry: QP609.A7
Arginine
  Animal biochemistry: QP562.A7
Argiopidae: QL458.42.A7
Argon
  Chemical element: Q1 .A6
  Electric discharge: QC711.6.A7
  Fluid mechanics: QC145.45.A75
Argyresthiidae: QL561.A84
Arhynchobatidae: QL638.85.A7
Arid regions
  Climatology: QC993.7
  Ecology: QH541.5.A74
Arid regions ecology: QH541.5.A74
Ariidae: QL638.A755
Arionidae: QL430.5.A7
Aristolochiaceae: QK495.A688
Arithmetic: QA101+
  Preschool and primary education: QA135+
Arithmetic, Foundations of: QA248+
Arithmetical algebraic geometry: QA242.5+
Arixeniidae: QL510.3.A7
Arkose: QE471.15.A7
Arm
  Regional anatomy: QM548
Armadillos: QL737.E23
Arminidae: QL430.5.A74
Armored catfishes: QL638.L785
Armored scales
  Zoology: QL527.D5
Armorheads: QL638.P35
Aromatic amino acid decarboxylase
  Animal biochemistry: QP613.A75
Aromatic compounds
  Animal biochemistry: QP801.A75
  Organic chemistry: QD330+
Arrenuridae: QL458.2.A77
Arrhenophandiae: QL561.A865
Arripidae: QL638.A77
Arrow grass
  Botany: QK495.J875
Arrowroot
  Botany: QK495.M28
Arrowtooth eels: QL638.D93
Arrowworms: QL391.C6
Arsenates
  Mineralogy: QE389.64
Arsenic
  Chemical element: Q1 .A7
  Effect on plants: QK753.A78
  Effect on plants and animals: QH545.A77
Arsenic alloys
  Analytical chemistry: QD137.A8
Arsenides
  Mineralogy: QE389.2
Art
  Mathematics teaching aid: QA19.A78
Artamidae: QL696.P216
Arteries
  Human anatomy: QM191
  Physiology: QP106.2
Arthrodira
  Paleozoology: QE852.A7
Arthropoda
  Paleozoology: QE815+
  Zoology: QL434+
Arthrostraca
  Paleozoology: QE817.A7
Articular cartilage
  Human anatomy: QM142
Articulata
  Paleozoology: QE797.A65
Articulations
  Anatomy: QL825
  Human anatomy: QM131+
Artificial chromosomes
  Cytology: QH600.15
Artificial circulation
  Cardiovascular system: QP110.A7
Artificial horizons
  Astronomical instruments: QB115
Artificial immune systems: QA76.875
Artificial intelligence
  Biological research: QH324.25
  Cybernetics: Q334+
Artificial satellites in geodesy: QB343
Artificial satellites in geology: QE33.2.A7
Artificial selection
  Plants: QK985
Artificial substrates
  Water: QH90.57.A77
Artiodactyla: QL737.U5+
  Paleozoology: QE882.U3
Artists, Botanical: QK98.15+
Arum
  Botany: QK495.A685

Aryloxides
  Organic chemistry: QD411.8.A47
Arylsulphatases
  Animal biochemistry: QP609.A77
Ascalaphidae: QL513.A7
Ascaphidae: QL668.E217
Asclepiadaceae: QK495.A815
Ascobolaceae: QK623.A8
Ascomycetes: QK623.A1+
Ascorbate oxidase
  Animal biochemistry: QP603.A8
Ascorbic acid
  Animal biochemistry: QP772.A8
  Effect on plants: QK753.V58
  Plant constituent: QK898.A7
Ascothoracica: QL444.C527
Asexual reproduction
  Biology (General): QH475+
  Plant physiology: QK826
Ashinagidae: QL561.A88
Asian philosophy
  Physics: QC6.4.A85
Asian pipe snakes: QL666.O638
Asilidae: QL537.A85
Asities: QL696.P2625
Asparagaceae: QK495.A83
Asparagine
  Plant constituent: QK898.A74
Asparagus: QK495.A83
Aspartame
  Animal biochemistry: QP801.A84
Aspartate aminotransferase
  Animal biochemistry: QP606.A8
Aspartic acid
  Animal biochemistry: QP562.A8
Aspartic proteinases
  Animal biochemistry: QP609.A86
Aspergillosis
  Microbiology: QR201.A85
Aspergillus
  Experimental genetics: QH470.A85
Asphodelaceae: QK495.A835
Aspiceridae: QL568.A8
Aspidiaceae: QK524.A65
Aspleniaceae: QK524.A7
Aspredinidae: QL638.A78
Assamiidae: QL458.52.A8
Assassin bugs: QL523.R4
Assemblers
  Electronic computers: QA76.73.A8
Assembling
  Electronic computers: QA76.73.A8
Assembly
  Genetics: QH450.5
Assembly languages
  Electronic computers: QA76.73.A8
Asses, Wild
  Anecdotes: QL795.A8
Assignment problems
  Mathematical optimization: QA402.6
Assimilation of nitrogen
  Phytochemistry: QK867+
Associative rings and algebras: QA251.5
Assortment
  Genetics: QH444
Astacins
  Animal biochemistry: QP609.A88
Astartidae: QL430.7.A8
  Paleozoology: QE812.V45
Astatine
  Chemical element: Q1 .A8
Asterinales: QK623.A93
Asteroidea: QL384.A8
  Paleozoology: QE783.A7
Asteroids: QB651+
  Perturbations: QB377+
Asterolecaniidae: QL527.A8
Astiidae: QL537.A88
Astomatida: QL368.A8
Astroblepidae: QL638.A785
Astrogeology
  Astronomy: QB454+
Astrolabe, Prismatic: QB328.P7
Astrolabes: QB85
Astrology
  Medieval astronomy: QB25+
Astrometry: QB807
Astromineralogy
  Astronomy: QB455.2
Astronautics in astronomy: QB136
Astronautics in meteorology: QC879.4+
Astronautics in science: Q180.7
Astronesthidae: QL638.A788
Astronomical geography: QB630+
Astronomical globes: QB66
Astronomical instrument makers: QB84.7+
Astronomical instruments, Portable: QB105
Astronomical observatories: QB81+
Astronomical photographic equipment: QB121.5
Astronomical photography: QB121+
Astronomical photometry: QB135
Astronomical refraction: QB155+
Astronomical spectroscopy: QB465
Astronomy: QB1+
Astronomy as a profession: QB51.5
Astronomy, Descriptive: QB494.2+
Astronomy, Millimeter: QB479.4
Astronomy museums: QB2.A1+
Astronomy, Theoretical: QB349+
Astrophysics: QB460+
Astrophysics, Molecular: QB462.6
Astrophysics, Nuclear: QB463+
Astrophysics, Plasma: QB462.7+

Astrophysics, Radio: QB462.5
Astrophysics, Relativistic: QB462.65
Astroseismology: QB812
Asymptotic giant branch stars: QB843.A89
Asymptotic theory (Mathematical physics): QC20.7.A85
AT&T WorldNet: QA76.57.A77
Ataxites
  Astronomy: QB757.5.A73
Ateleopodidae: QL638.A79
Atelidae: QL737.P915
Atelopodidae: QL668.E22
Athalamida: QL368.A85
Atherinidae: QL638.A8
Atheriniformes: QL637.9.A8
Athiliaceae: QK629.A74
Athyriaceae: QK524.A76
Athyrididae
  Paleozoology: QE797.A69
Atlantidae: QL430.5.A8
Atlases and charts
  Astronomy: QB65
Atmosphere
  Effect on plants: QK754.4
  Jupiter (Planet): QB663.A86
  Mars (Planet): QB643.A86
  Venus (Planet): QB623.A86
Atmosphere of the sun: QB528
Atmosphere, Upper
  Meteorology: QC878.5+
Atmospheres
  Planets: QB603.A85
Atmospheres in the solar system: QB505
Atmospheres, Stellar: QB809
Atmospheric carbon dioxide
  Meteorology: QC879.8
Atmospheric chemistry: QC879.6+
Atmospheric circulation
  Meteorology: QC880.4.A8
Atmospheric cosmic rays: QC485.9.A8
Atmospheric electricity
  Meteorology: QC960.5+
Atmospheric ionization: QC966.7.A84
Atmospheric methane: QC879.85
Atmospheric ozone: QC879.7+
Atmospheric physics: QC851+
Atmospheric pollutants: QC882+
Atmospheric pressure: QC885+
Atmospheric pressure and wind: QC934
Atmospheric radiation: QC912.3
Atmospheric radioactivity
  Meteorology: QC913+
Atmospheric refraction
  Meteorological optics: QC976.R4
Atmospheric shells: QC881+
Atmospheric temperature
  Meteorology: QC901+
Atmospheric temperature and wind: QC934.2
Atmospheric tides: QC883.2.A8
Atmospheric transmission: QC976.T6
Atmospheric transparency: QC976.T7
Atmospherics: QC973.4.A85
Atolls
  Geology: QE565+
Atom cooling
  Atomic physics: QC173.4.A82
Atom models
  Physical chemistry: QD480
Atom-probe field ion microscopes: QH212.A76
Atomic beams
  Atomic physics: QC173.4.A85
Atomic clusters
  Atomic physics: QC173.4.M48
Atomic energy
  Atmospheric radioactivity: QC913.2.A8
  Nuclear physics: QC791.9+
  Physics: QC770+
Atomic force microscopes: QH212.A78
Atomic measurements: QC784.5
Atomic orbitals
  Physical chemistry: QD461
Atomic physics: QC170+
Atomic spectra
  Analytical chemistry: QD96.A8
Atomic spectroscopy
  Physics: QC454.A8
Atomic structure
  Atomic physics: QC173.4.A87
  Physical chemistry: QD461
Atomic theory
  Physical chemistry: QD461
Atomic transition probabilities: QC174.26.A8
Atomic units: QC784.5
Atomic warfare
  Effect on plants and animals: QH545.N83
Atomic weights
  Physical chemistry: QD463+
Atopetholidae: QL449.65.A8
ATP-binding cassette transporters: QP552.A87
Atractaspididae: QL666.O627
Atractoceridae: QL596.A8
Atrazine
  Effect on plants: QK753.A79
Atrial natriuretic peptides
  Animal biochemistry: QP572.A82
Atrichornithidae: QL696.P218
Atrypidae
  Paleozoology: QE797.A7
Attachment mechanisms
  Biology: QH514
Attaphilidae: QL505.7.A87
Attelabidae: QL596.A83
Attention
  Neurophysiology: QP405
Atticolidae: QL505.7.A88

Attidae: QL458.42.S24
Attractions and potential
  Analytic mechanics: QA825+
Attractors
  Topology: QA614.813
Atyidae: QL430.5.A85
Atypidae: QL458.42.A8
Auchenipteridae: QL638.A83
Audiovisual aids
  Botany: QK54+
  Mathematics: QA18+
  Science teaching: Q190+
Auditing
  Data processing activities: QA76.9.A93
Audouinellaceae: QK569.A27
Audubon, John James: QL31.A9
Auger effect
  Electric discharge: QC702.7.A9
Augite
  Mineralogy: QE391.A8
Augmented reality
  Computer science: QA76.9.A94
Auklets: QL696.C42
Auks: QL696.C42
Aulacidae: QL568.A9
Aulacigastridae: QL537.A9
Aulopiformes: QL637.9.A93
Aulopodidae: QL638.A84
Aulorhynchidae: QL638.A844
Aulostomidae: QL638.A848
Auriculales: QK629.A8
Auriculariaceae: QK629.A8
Auriculidae: QL430.5.E45
Aurora australis: QC972.5.A8
Aurora borealis: QC972.5.B6
Aurora polaris: QC972.5.B6
Auroral photography: QC972.P4
Auroras: QC970+
Aurum
  Chemical element: Q1 .A9
Ausdehnungslehre: QA205
Australasian treecreepers: QL696.P2354
Australasian warblers: QL696.P213
Australian butcherbirds: QL696.P216
Australian robins: QL696.P2439
Australian wrens: QL696.P2485
Austrobaileyaceae: QK495.A9
Austroperlidae: QL530.3.A9
Authorship
  Biology: QH304
  Chemistry: QD9.15
  Mathematics teaching aid: QA20.M38
  Zoology: QL672.6
Autoclaving
  Biological research: QH324.9.A88
Autoimmunity
  Immunology: QR188.3
AutoLISP (Computer program language): QA76.73.A84
Autolysis
  Antigen-antibody reactions: QR187.A8
Automata, Conscious: Q325+
Automatic differentiations
  Computer software: QA76.76.A98
Automatic hypothesis formation
  Computer science: QA76.9.A955
Automatic theorem proving
  Computer science: QA76.9.A96
Automation
  Analytical chemistry: QD75.4.A8
  Microbiology: QR69.A88
Automorphic functions
  Analysis: QA353.A9
Autonomic computing: QA76.9.A97
Autonomic ganglia
  Neurophysiology: QP368.8
Autonomic nervous system
  Neurophysiology: QP368+
Autoradiographic techniques
  Ecology: QH541.15.A9
Autoradiography
  Analytical biochemistry: QP519.9.A94
  Biological research: QH324.9.A9
Autotrophic bacteria: QR88.2
Autumn
  Astronomy: QB637.7
Auxin
  Effect on plants: QK753.A8
  Plant constituent: QK898.A8
Avalanches
  Meteorology: QC929.A8
Aviaries: QL677.8
Avicularidae: QL458.42.T5
Avidin
  Animal biochemistry: QP552.A94
Avocado
  Nutrition: QP144.A77
Avocets
  Zoology: QL696.C473
Awards
  Geology: QE48.6
  Mathematics: QA20.3
AWK (Computer program language): QA76.73.A95
Axiidae: QL561.A93
Axioms
  Plane geometry: QA481
Aye-ayes: QL737.P935
Azimuth: QB207
Azo compounds
  Aliphatic compounds: QD305.A9
  Aromatic compounds: QD341.A9
Azo polymers
  Organic chemistry: QD383.A95
Azollaceae: QK524.A94
Azotobacteraceae: QR82.A9

B

B cells: QR185.8.B15
B (Computer program language): QA76.73.B155
B method
  Computer science: QA76.9.B22
B stars: QB843.B12
Babbitt metal
  Analytical chemistry: QD137.B3
Babblers: QL696.P285
Babesiosis
  Microbiology: QR201.B318
Babingtonite
  Mineralogy: QE391.B2
Bacillaceae: QR82.B3
Bacillariaceae: QK569.B15
Bacillariophyceae: QK569.D54
Bacillariophyta: QK569.D54
Bacillary dysentery
  Microbiology: QR201.D9
Back propagation
  Cybernetics: Q325.78
Back swimmers
  Zoology: QL523.N6
Background radiation, Cosmic: QB991.C64
Backup processing
  Computer science: QA76.9.B32
Bacteremia
  Microbiology: QR201.B32
Bacteria
  Microbiology: QR74.8+
  Micropaleontology: QE719.5
Bacteria, Autotrophic: QR88.2
Bacteria, Chemoautotrophic: QR88.7
Bacterial adhesion: QR96.8
Bacterial antigens
  Immunology: QR186.6.B33
Bacterial biosynthesis: QR88.3
Bacterial cell surfaces: QR77.35
Bacterial cell walls
  Microbiology: QR77.3+
Bacterial colonies
  Microbiology: QR79.5
Bacterial diseases
  Microbiology: QR201.B34
  Vaccines: QR189.5.B33
Bacterial endocarditis
  Microbiology: QR201.E6
Bacterial evolution: QR81.7
Bacterial glycocalyces
  Microbiology: QR77.5
Bacterial growth: QR84.5+
Bacterial irritability: QR96
Bacterial metabolism: QR88+
Bacterial motility: QR96
Bacterial physiology: QR84+
Bacterial pigments: QR76.7
Bacterial toxins
  Animal biochemistry: QP632.B3
Bacterial vaccines: QR189.5.B33
Bactericides
  Bacterial physiology: QR97.B32
Bacteriocins
  Microbial metabolism: QR92.B3
Bacteriolysis
  Antigen-antibody reactions: QR187.B3
Bacteriophages
  Microbiology: QR342+
Bacteroidaceae: QR82.B35
Baculoviruses
  Virology: QR398.5
Badgers
  Anecdotes: QL795.B2
  Zoology: QL737.C25
Baetidae: QL505.3.B33
Baetiscidae: QL505.3.B38
Bagridae: QL638.B13
Bagworm moths: QL561.P6
Balaenicipitidae: QL696.C525
Balaenidae: QL737.C423
Balaenopteridae: QL737.C424
Balances (Weights and measures): QC107
Balanopaceae: QK495.B2
Balanophoraceae: QK495.B23
Balantiopsaceae: QK555.B34
Baleen whales: QL737.C42+
Balistidae: QL638.B15
Balitoridae: QL638.B153
Ball lightning
  Meteorology: QC966.7.B3
Balloons
  Meteorology: QC879.3+
Balloons in astronomy: QB135.5
Balsaminaceae: QK495.B25
Banach algebras: QA326
Banach spaces: QA322.2
Banana
  Botany: QK495.M78
Band spectra
  Optics: QC454.M6
Band theory
  Magnetism: QC754.2.B35
Bandicoots: QL737.M47+
Banding
  Reptiles and amphibians: QL645.6+
Bangiaceae: QK569.B2
Banjosidae: QL638.B155
Bar-reed
  Botany: QK495.S745
Barberry
  Botany: QK495.B45
Barbets: QL696.P53
Barbier reactions
  Organometallic chemistry: QD411.7.B37

Barbourisiidae: QL638.B17
Barite
  Mineralogy: QE391.B35
Barium
  Chemical element: Q1 .B2
Bark
  Plant anatomy: QK648
Bark beetles: QL596.S35
Barn owls
  Zoology: QL696.S85
Barnacles
  Zoology: QL444.C58
Baroclinicity
  Meteorology: QC880.4.B35
Barometric hypsometry
  Meteorology: QC895
Baroreflexes
  Physiology: QP109
Barracudas
  Zoology: QL638.S77
Bartonella infections
  Microbiology: QR201.B37
Bartonellaceae
  Microbiology: QR353.5.B3
Barychelidae: QL458.42.B3
Baryons
  Elementary particle physics: QC793.5.B32+
Basal ganglia
  Neurophysiology: QP383.3+
Basalt: QE462.B3
Base measuring
  Geodetic surveying: QB303
Basellaceae: QK495.B256
Bases
  Theoretical chemistry: QD477
BASIC (Computer program language): QA76.73.B3
Basicranium
  Human embryology: QM695.B36
Basidiobolus: QK621.B37
Basidiomycetes: QK628.5+
Basidiomycota: QK626+
Basins: QE615+
Basins, Multiring: QB456
Basking shark: QL638.95.C37
Basophils
  Physiology: QP95.2
Bataceae: QK495.B33
Batch processing
  Computer science: QA76.9.B38
Batfishes: QL638.O3
Bathyclupeidae: QL638.B18
Bathydraconidae: QL638.B2
Bathyergidae: QL737.R628
Bathylaconidae: QL638.B23
Bathylagidae: QL638.B25
Bathymasteridae: QL638.B26
Bathynellacea: QL444.M32
Bathypteroidae: QL638.B27
Bathyteuthidae: QL430.3.B3
Batillariidae: QL430.5.B37
Batrachia
  Paleozoology: QE867+
Batrachoididae: QL638.B3
Batrachospermaceae: QK569.B25
Bats
  Anecdotes: QL795.B3
Bauxite
  Petrology: QE471.15.B32
Bay-star vine
  Botany: QK495.S353
Bayesian statistical decision theory
  Mathematical physics: QC20.7.B38
Bayesian statistics: QA279.5
BBC Microcomputer
  Computers: QA76.8.B35
Bdellidae: QL458.2.B4
Be stars: QB843.B25
Beachrock: QE471.15.B34
Beaded lacewings: QL513.B4
BeagleBone Black
  Computer: QA76.8.B38
Beaked whales
  Zoology: QL737.C438
Beam-foil spectroscopy
  Physics: QC454.B39
Beam splitters
  Optical instruments: QC373.B3
Beardfishes: QL638.P747
Bears
  Anecdotes: QL795.B4
  Zoology: QL737.C27
Beast of Exmoor: QL89.2.B43
Beavers
  Anecdotes: QL795.B5
  Zoology: QL737.R632
Bedbugs
  Zoology: QL523.C6
Bee-eaters: QL696.C754
Beech
  Botany: QK495.F14
Beeflies: QL537.B65
Beefwood
  Botany: QK495.C27
Beer
  Microbiology: QR129.B44
Bees
  Anecdotes and stories: QL795.B53
  Paleozoology: QE832.H9
  Zoology: QL563+
Beetles
  Paleozoology: QE832.C6
  Zoology: QL571+
Beggiatoaceae: QR82.B4

Begonia
  Botany: QK495.B4
Begoniaceae: QK495.B4
Behavior
  Animals: QL750+
  Arthropoda: QL434.8
  Birds: QL698.3
  Dinosaurs: QE861.6.B44
  Fishes: QL639.3
  Hymenoptera: QL569.4
  Insects: QL496
  Invertebrates: QL364.2
  Lepidoptera: QL562.4
  Mammals: QL739.3+
  Mollusca: QL431.4
  Reptiles and amphibians: QL669.5
Behavior genetics
  Biology: QH457
Behavioral embryology: QL962
Behavioral endocrinology: QP356.45
Belemnitida
  Paleozoology: QE807.B4
Bellflower
  Botany: QK495.C18
Bell's theorem (Quantum mechanics): QC174.17.B45
Belonidae: QL638.B34
Beloniformes: QL637.9.B36
Belontiidae: QL638.B347
Belostomatidae: QL523.B4
Belyciformes: QL637.9.B4
Belytidae: QL568.B36
Bembicidae: QL568.S7
Bénard cells: QC330.2
Benitoite
  Mineralogy: QE391.B5
Benne
  Botany: QK495.P42
Benthos
  Aquatic biology: QH90.8.B46
  Freshwater biology: QH96.8.B4
  Marine biology: QH91.8.B4
Bentonite: QE471.15.B4
  Mineralogy: QE391.B55
Benzene
  Animal biochemistry: QP801.B5
  Aromatic compounds: QD341.H9
  Effect on plants and animals: QH545.B45
  Spectra: QC463.B4
Benzimidazoles
  Animal biochemistry: QP801.B52
Benzine rings, Condensed
  Organic chemistry: QD390+
Benzodiazepines
  Animal biochemistry: QP801.B53
Benzoylecgonine
  Animal biochemistry: QP801.B54
Benzylaminopurine
  Effect on plants: QK753.B4
Beorthidae: QL513.B4
Beraeidae: QL518.B4
Berberidaceae: QK495.B45
Berkeley BSD
  Computer software
    Operating systems: QA76.774.B47
Berkelium
  Chemical element: Q1 .B55
Beroida: QL380.5.N83
Berycidae: QL638.B4
Beryciformes
  Paleozoology: QE852.B47
Beryl
  Mineralogy: QE391.B6
Beryllium
  Chemical element: Q1 .B4
  Effect on plants and animals: QH545.B47
Beryllium ores
  Mineralogy: QE390.2.B46
Berytidae: QL523.B45
Bessel functions (Cylindrical harmonics): QA408
Beta-glucuronidase genes: QH447.8.B46
Beta lactamases
  Animal biochemistry: QP609.B46
Beta particles
  Elementary particle physics: QC793.5.B42+
Beta rays
  Elementary particle physics: QC793.5.B42+
Betaines
  Animal biochemistry: QP801.B55
Betatrons: QC787.B4
Bethe-ansatz technique
  Mathematical physics: QC20.7.B47
Bethylidae: QL568.B4
Bettongs: QL737.M386
Betulaceae: QK495.B56
Bevatrons: QC787.S9
Beverages
  Nutrition: QP144.B48
BGC vaccine: QR189.5.T72
Bibionidae: QL537.B5
Bicosoecida: QL368.B5
Bicycles, All terrain
  Effect on plants and animals: QH545.A42
Biddies: QL520.3.C67
Biela comet: QB723.B5
Bifurcation theory
  Differential equations: QA380
  Mathematical physics: QC20.7.B54
Big bang theory (Cosmology): QB991.B54
Big data
  Computer science: QA76.9.B45
Bigeyes: QL638.P785
Bigheadedflies: QL537.P57
Bignoniaceae: QK495.B62

Bikes, Mountain
  Effect on plants and animals: QH545.A42
Biking, Mountain
  Effect on plants and animals: QH545.A42
Bilayer lipid membranes
  Cytology: QH602
Bile
  Physiology: QP197
Bile acids
  Animal biochemistry: QP752.B54
Bile ducts
  Physiology: QP185.3
Bile pigments
  Animal biochemistry: QP671.B5
Bilinear forms
  Number theory: QA243
Bilirubin
  Animal biochemistry: QP671.B55
Billfishes: QL638.I88
Binaries, X-ray: QB830
Binary system: QA141.4
Binary systems of stars: QB821+
Binding, Cooperative
  Animal biochemistry: QP517.C66
Binding energy
  Elementary particle physics: QC793.3.B5
Binding, Ligand
  Animal biochemistry: QP517.L54
Binding, Protein
  Animal biochemistry: QP517.P76
Binding sites
  Animal biochemistry: QP517.B42
Binocular rivalry
  Physiology: QP487.5
Binocular vision
  Physiology: QP487+
Binoculars
  Optical instruments: QC373.B55
Binomial coefficients: QA161.B48
Binomial theorem: QA161.B5
Binucleoside polyphosphates
  Animal biochemistry: QP625.D56
Bioacoustics
  Biology: QH510.5
Bioactive compounds
  Animal biochemistry: QP517.B44
  Plant constituent: QK898.B54
Biochar
  Effect on plants and animals: QH545.S63
Biochemical genetics
  Plants: QK981.3
Biochemical markers
  Genetics: QH438.4.B55
Biochemical templates
  Animal biochemistry: QP517.B48
Biochemistry
  Organic chemistry: QD415+
Biochemistry
  Viruses: QR467
Biochemistry, Animal: QP501+
Biochemistry, High pressure
  Animal biochemistry: QP517.H53
Biochemistry, Quantum
  Animal biochemistry: QP517.Q34
Bioclimatology
  Ecology: QH543+
Biocomputers: QA76.884
Bioconjugates
  Animal biochemistry: QP517.B49
Biodegradation
  Animal biochemistry: QP517.B5
  Biology: QH530.5
Biodiversity
  Aquatic biology: QH90.8.B56
  Ecology: QH541.15.B56
  Freshwater biology: QH96.8.B53
  Marine biology: QH91.8.B6
Biodiversity conservation
  Aquatic biology: QH90.8.B56
  Freshwater biology: QH96.8.B53
  Marine biology: QH91.8.B6
  Natural history: QH75+
Bioelectrochemistry: QP517.B53
Bioelectronics
  Biology: QH509.5
Bioenergetics
  Animal biochemistry: QP517.B54
  Biology: QH510
Bioethics: QH332
Biofilms
  Microbiology: QR100.8.B55
Bioflavonoids
  Animal biochemistry: QP772.B5
Biogenic amines
  Animal biochemistry: QP801.B66
  Plant constituent: QK898.B56
Biogeochemical cycles: QH344+
Biogeochemistry: QH343.7+
Biogeography: QH84+
Biogeomorphology
  Ecology: QH542.5
Biography
  Mathematics: QA28+
  Natural history: QH26+
Bioinformatics
  Biological research: QH324.2+
Biological assay
  Aquatic biology: QH90.57.B5
  Ecology: QH541.15.B54
  Freshwater biology: QH96.8.B5
  Marine biology: QH91.57.B5
Biological assessment
  Aquatic biology: QH90.57.B5
  Freshwater biology: QH96.8.B5

Biological assessment
  Marine biology: QH91.57.B5
Biological charge transfer
  Animal biochemistry: QP517.C49
Biological chemistry
  Marine biology: QH91.8.B5
Biological control systems: QH508
Biological diversity
  Aquatic biology: QH90.8.B56
  Ecology: QH541.15.B56
  Freshwater biology: QH96.8.B53
  Marine biology: QH91.8.B6
Biological illustration: QH318
Biological indicators: QH541.15.I5
Biological invasions: QH353
  Marine biology: QH91.8.B63
Biological literature: QH303.6
Biological models
  Biological research: QH324.8
Biological pest control agents
  Effect on plants and animals: QH545.B55
Biological productivity
  Ecology: QH541.3
Biological resource centers: QH324.15
Biological response modifiers
  Immunology: QR185.8.B54
Biological transport
  Biology: QH509
Biologically-inspired computing: QA76.9.N37
Biology: QH301+
  Philosophy: QH331
Biology as a profession: QH314
Biology, Forensic: QH313.5.F67
Biology, Freshwater: QH96+
Biology, Human: QP34+
Biology, Marine: QH91+
Bioluminescence
  Cytology: QH641
Bioluminescence assay
  Analytical biochemistry: QP519.9.B55
  Microbiology: QR69.B53
Biomagnetism
  Biology: QH504
  Physiological effect: QP82.2.M3
Biomathematics: QH323.5
Biomechanics
  Biology: QH513
Biometry: QH323.5
Biomimetic polymers
  Organic chemistry: QD382.B47
Biomimetics
  Animal biochemistry: QP517.B56
Biomineralization
  Biology: QH512
Biomolecules, Fossil
  Animal biochemistry: QP517.F66
Bionics
  Cybernetics: Q317+
Biophotometry
  Biological research: QH324.9.B48
Biophysical labeling
  Biological research: QH324.9.B49
Biophysics
  Biology: QH505
Biopolymers
  Animal biochemistry: QP801.B69
Biorhythms
  Biology: QH527
  Developmental physiology: QP84.6
Biosphere
  Biology: QH343.4
Biosphere reserves: QH75+
Biosynthesis
  Animal biochemistry: QP517.B57
  Bacterial physiology: QR88.3
Biotelemetry
  Biological research: QH324.9.B5
Biothermodynamics
  Animal biochemistry: QP517.T48
Biotin
  Animal biochemistry: QP772.B55
Biotite
  Mineralogy: QE391.B64
Biotransformation
  Animal biochemistry: QP517.B58
Bipartite graphs
  Algebra: QA166.14
Bipedidae: QL666.L194
Biphenyl compounds
  Spectra: QC463.B5
Biquadratic equations: QA215
Birch
  Botany: QK495.B56
Birch mice: QL737.R648
Bird areas: QL676.5+
Bird attracting: QL676.5+
Bird banding: QL677.5
Bird declines
  Effect on plants and animals: QH545.B57
Bird exhibitions: QL677.8
Bird feeders: QL676.5+
Bird food: QL698.4
Bird protection
  Zoology: QL676.5+
Bird refuges: QL676.5+
Bird watching: QL677.5
Birdcall whistles: QL676.5+
Birdfood: QL698.4
Birdhouses: QL676.5+
Birding sites: QL677.5
Birds
  Anecdotes and stories: QL795.B57
  Paleozoology: QE871+

Birds
  Zoology: QL671+
Birds' eggs: QL675
Birds' nests: QL675
Birds of paradise: QL696.P26
Birds of prey
  Zoology: QL677.78
Birth, Multiple
  Embryology: QL971+
Bismuth
  Chemical element: Q1 .B5
Bison
  Anecdotes and stories: QL795.B6
Bithyniidae: QL430.5.B58
Biting lice
  Paleozoology: QE832.M34
Biting midges: QL537.C37
Bittacidae: QL598.7.B5
Bitterns
  Zoology: QL696.C52
Bivalvia
  Paleozoology: QE811+
Bivectors: QC174.26.B58
Bixaceae: QK495.B63
BL Lacertae objects: QB858.35
Blaberidae: QL505.7.B4
Black holes: QB843.B55
Blackbirds: QL696.P2475
Blackbody radiation: QC484
Blackflies: QL537.S55
Bladder
  Anatomy: QL874
  Human anatomy: QM411
  Physiology: QP250.5
Bladdernut
  Botany: QK495.S77
Bladderwort
  Botany: QK495.L53
Blaniulidae: QL449.65.B4
Blasticotomidae: QL568.B5
Blastobasidae: QL561.B4
Blastocladiaceae: QK621.B6
Blastocystida: QL368.B55
Blastoidea
  Paleozoology: QE783.B6
Blastomycosis
  Microbiology: QR201.B55
Blattaria
  Paleozoology: QE832.B55
  Zoology: QL505.5+
Blattellidae: QL505.7.B48
Blattidae: QL505.7.B485
Blennies: QL638.C63
Blenniidae: QL638.B6
Blepharoceridae: QL537.B56
Blind snakes: QL666.O685
Blister beetles: QL596.M38
Blizzards
  Meteorology: QC926.3+
Block copolymers
  Organic chemistry: QD382.B5
Block designs
  Algebra: QA166.3
Blockchains
  Databases: QA76.9.B56
Blocking
  Meteorology: QC880.4.B55
Blocks (Toys)
  Mathematics teaching aid: QA19.B55
Blood
  Microbiology: QR171.B5
  Physiology: QP91+
Blood-brain barrier
  Human histology: QM575.5
  Neurophysiology: QP375.5
Blood chemistry
  Physiology: QP93+
Blood corpuscles
  Physiology: QP94+
Blood flow, Regional cerebral
  Physiology: QP108.5.C4
Blood formation
  Physiology: QP92
Blood group antigens
  Immunology: QP98
Blood groups
  Physiology: QP98
Blood platelets
  Physiology: QP94+
Blood pressure measurement: QP105.2
Blood sugar
  Blood constituents: QP99.3.B5
Blood vessels
  Anatomy: QL835
  Human histology: QM570
Blood volume
  Cardiovascular system: QP110.B5
Bloodsucking animals: QL756.55
Bloodwort
  Botany: QK495.H15
Blooms
  Cyanobacteria: QR99.69.B55
Blowflies: QL537.C24
Blowpipe analysis
  Analytical chemistry: QD87
Blue-pincushion
  Botany: QK495.B786
Blue stragglers (Stars): QB843.B57
Blue variables, Luminous: QB843.L85
Bluefishes: QL638.P778
Boarfishes: QL638.C2
Boas
  Zoology: QL666.O63
Boatbilled herons: QL696.C536

Bobtail squid
  Zoology: QL430.3.S49
Body cavities: QL950.95
Body fluids
  Physiology: QP90.5
Body temperature
  Physiology: QP135
Boehmite
  Mineralogy: QE391.B73
Bog ecology: QH541.5.B63
Bogmoss
  Botany: QK495.M3
Bogs
  Biogeography: QH87.3
  Botany: QK938.M3
  Ecology: QH541.5.B63
Bohrium
  Chemical element: Q1 .B46
Boidae: QL666.O63
Boiling points
  Thermochemistry: QD518
Bolbitiaceae: QK629.B58
Boletaceae: QK629.B6
Boletales: QK629.B63
Bolitophilidae: QL537.B64
Bolometers
  Physics: QC338.5.B6
Bolometry
  Stars: QB817
Boltzmann's distribution law: QC175.16.B6
Bolyeriidae: QL666.O633
Bombacaceae: QK495.B7
Bombardment
  Electric discharge: QC702.7.B65
Bombesin
  Animal biochemistry: QP632.B64
Bombinatoridae: QL668.E224
Bombycidae: QL561.B6
Bombycillidae: QL696.P22
Bombyliidae: QL537.B65
Bonded magnets: QC757.8
Bonding, Hydrogen
  Animal biochemistry: QP517.H93
Bone
  Physiology: QP88.2
Bone conduction
  Neurophysiology: QP469.3
Bone marrow
  Human histology: QM569
  Physiology: QP92
Bone morphogenetic proteins
  Animal biochemistry: QP552.B65
Bonefishes: QL638.A335
Bones of the extremities
  Human anatomy: QM117
Boninite: QE462.B65
Bonnetmouths: QL638.E53
Bony fishes
  By family: QL638.A+
  By order: QL637.9.A+
Bony tissues
  Human histology: QM569
Boobies
  Zoology: QL696.P48
Book lice
  Paleozoology: QE832.P83
Book scorpions: QL458.6+
Boolean algebra: QA10.3
Boopiidae: QL540.3.B6
Bootstrap theory
  Elementary particle physics: QC793.3.B6
Bora
  Meteorology: QC939.B67
Borage
  Botany: QK495.B73
Boraginaceae: QK495.B73
Borates
  Mineralogy: QE389.65
  Spectra: QC464.B67
Borax
  Effect on plants: QK753.B6
Boreal forests
  Ecology: QH541.5.T3
Boreidae: QL598.7.B6
Borings
  Geology: QE33.2.B6
Borna disease
  Microbiology: QR201.B66
Boron
  Chemical element: Q1 .B1
  Effect on plants: QK753.B7
  Effect on plants and animals: QH545.B6
Boron ores
  Mineralogy: QE390.2.B67
Boron organic polymers
  Organic chemistry: QD383.B67
Borreliosis
  Microbiology: QR201.R45
Bose algebras (Mathematical physics): QC20.7.B58
Bose-Einstein condensation: QC175.47.B65
Bose-Einstein gas: QC175.16.B65
Bosons
  Elementary particle physics: QC793.5.B62+
Bosses
  Geology: QE611+
Bostrichidae: QL596.B5
Botanical chemistry: QK861+
Botanical gardens
  Botany: QK71+
Botanical illustration: QK98.15+
Botanizers: QK46.5.B66
Botany: QK1+
Botany as a profession: QK50.5
Botflies: QL537.O4

Bothidae: QL638.B65
Bothrideridae: QL596.B52
Bothriuridae: QL458.72.B6
Botryogen
  Mineralogy: QE391.B75
Botulinum toxin
  Animal biochemistry: QP632.B66
Botulism
  Microbiology: QR201.B7
Bound herbaria
  Botany: QK89
Bound states (Quantum mechanics): QC174.17.B6
Boundary layer
  Meteorology: QC880.4.B65
Boundary value problems
  Differential equations: QA379
  Mathematical physics: QC20.7.B6
Bovichthyidae: QL638.B67
Bovidae: QL737.U53
Bovine spongiform encephalopathy
  Microbiology: QR201.B74
Bowerbirds: QL696.P2675
Bowfins: QL638.A37
Box
  Botany: QK495.B85
Bøggildite
  Mineralogy: QE391.B7
Brachionichthyidae: QL638.B7
Brachiopoda
  Paleozoology: QE796+
  Zoology: QL395+
Brachodidae: QL561.B68
Brachycentridae: QL518.B7
Brachychthoniidae: QL458.2.B7
Brachyladidae: QL510.3.B7
Brachypauropodidae: QL449.75.B7
Brachypteraciidae: QL696.C725
Brachypteridae: QL596.B54
Brachyspectridae: QL596.B58
Brachytheciaceae: QK539.B68
Brackish water
  Aquatic biology: QH95.9
  Zoology: QL139
Brackish water radioecology: QH543.9
  Ecology: QH543.8
Brackish waters
  Ecology: QH541.5.E8
Braconidae: QL568.B8
Bradybaenidae: QL430.5.B73
Bradynobaenidae: QL568.B83
Brahmaeidae: QL561.B7
Braid theory
  Topology: QA612.23
Braided rivers
  Ecology: QH541.5.S7
Brain
  Anatomy: QL933+
Brain
  Human anatomy: QM455
  Human embryology: QM695.B7
  Invertebrates: QL935
  Neurophysiology: QP376+
  Vertebrates: QL937
Brain chemistry: QP356.3
Brain drain: Q150+
Brain stem
  Anatomy: QL938.B73
  Neurophysiology: QP376.8+
Brain stimulation techniques
  Neurophysiology: QP388
Bramidae: QL638.B8
Branched chain amino acids
  Animal biochemistry: QP562.B73
  Microbial metabolism: QR92.B7
Branched polymers
  Organic chemistry: QD382.B73
Branchiae
  Anatomy: QL846
Branching
  Plant anatomy: QK646+
Branching processes
  Markov processes: QA274.76
Branchiopoda: QL444.B8+
  Paleozoology: QE817.B7
Branchiosauridae
  Paleozoology: QE868.B7
Branchiostegidae: QL638.B83
Branchiura: QL444.B9
Brannerite
  Mineralogy: QE391.B78
Brassinosteroids
  Plant constituent: QK898.B85
Brathinidae: QL596.B6
Braulidae: QL537.B7
Braydpodidae: QL737.E22
Brazil nut
  Botany: QK495.L42
Bread
  Microbiology: QR119
Breakage
  Chromosomal mutation: QH462.B7
Breakdown
  Dielectrics: QC585.7.B7
Breakdown of spark
  Electric discharge: QC703.5
  Electric discharge through gases: QC711.8.B7
Breccia: QE471.15.B7
Bregmacerotidae: QL638.B85
Bremsstrahlung
  Physics: QC484.2+
Brentidae: QL596.B65
Bretschneideraceae: QK495.B75
Brevicipitidae: QL668.E225
Brightest stars: QB843.B75

Brightness of the moon: QB588
Brines, Oil field
  Effect on plants and animals: QH545.O47
Bristles
  Anatomy: QL942
Brittle stars (Ophiuroidea): QL384.O6
Broadband dielectric spectroscopy
  Physics: QC454.B74
Broadbills: QL696.P245
Bromelia
  Botany: QK495.B76
Bromeliaceae: QK495.B76
Bromides
  Mineralogy: QE389.4
Bromination
  Organic chemistry: QD281.B7
Bromine
  Chemical element: Q1 .B7
Bromodeoxyuridine
  Animal biochemistry: QP625.B76
Bromoviridae
  Virology: QR398.6
Bronchi
  Anatomy: QL854
  Human anatomy: QM257
Brooks comet: QB723.B7
Broomrape
  Botany: QK495.O74
Brorsen comet (I): QB723.B8
Brown adipose tissue
  Physiology: QP88.15
Brown dwarfs: QB843.B77
Brown lacewings: QL513.H5
Brownian motion
  Atomic physics: QC184
Brownian motion processes
  Markov processes: QA274.75
Browsing
  Animal feeding behavior: QL756.56
Brucellaceae: QR82.B95
Brucellosis
  Microbiology: QR201.B8
Bruchidae: QL596.B7
Brucite
  Mineralogy: QE391.B82
Brunelliaceae: QK495.B78
Bruniaceae: QK495.B785
Brunoniaceae: QK495.B786
Brushes of crystals
  Physical optics: QC445
Brushfooted butterflies: QL561.N9
Bryaceae: QK539.B7
Bryology: QK532.4+
Bryophyta: QK532.4+
  Paleobotany: QE959
Bryopteridaceae: QK555.B7
Bryozoa
  Paleozoology: QE798+
  Zoology: QL396+
BSD, Free
  Operating systems: QA76.774.F74
Bubble chambers: QC787.B8
Buccinidae: QL430.5.B75
  Paleozoology: QE809.B8
Bucconidae: QL696.P52
Bucerotidae: QL696.C729
Buchiidae
  Paleozoology: QE812.B83
Buckwheat
  Botany: QK495.P78
Budding
  Asexual reproduction: QH479
Buddlejaceae: QK495.B7865
Buds
  Plant anatomy: QK645+
Buffaloes
  Anecdotes and stories: QL795.B8
Buffalopox virus
  Virology: QR405.2.B83
Buffer solutions
  Animal biochemistry: QP519.9.B84
Buffer zones
  Ecology: QH541.15.B84
Bufonidae: QL668.E227
Bugs
  Zoology: QL521+
Bulbs
  Plant anatomy: QK646+
Bulbuls: QL696.P268
Bulges in galaxies: QB857.5.B84
Bulimulidae: QL430.5.B8
Bulinidae: QL430.5.B84
Bulletin boards
  Computer science: QA76.9.B84
  Mathematics teaching aid: QA19.B8
Bullhead sharks: QL638.95.H4
Bumblebees: QL568.A6
Buntings
  Zoology: QL696.P2438
Bunyaviruses
  Microbiology: QR398.7
Buprestidae: QL596.B8
Burbles
  Fluid dynamics: QA925.5
Burhinidae: QL696.C428
Burmanniaceae: QK495.B79
Burned land: QK938.B8
Burrower bugs
  Zoology: QL523.C9
Burrowing animals: QL756.15
Burrowing behavior: QL756.15
Burryamyidae: QL737.M347

Bursae mucosae
  Human anatomy: QM485
Burseraceae: QK495.B8
Bursts
  Cosmic ray physics: QC485.8.B8
  Gamma ray astronomy: QB471.7.B85
Bushtits: QL696.P2135
Bustardquails: QL696.G89
Bustards: QL696.G86
Busyconidae: QL430.5.B87
Buthidae: QL458.72.B8
Butomaceae: QK495.B83
Buttefishes: QL638.S87
Buttercup
  Botany: QK495.R215
Butterflies
  Anecdotes and stories: QL795.B85
  Paleozoology: QE832.L5
  Zoology: QL541+
Butterfly attracting: QL544.6
Butterfly bush
  Botany: QK495.L785
Butterfly gardens: QL544.6
Butterflyfishes: QL638.C48
Buttocks
  Anatomy: QL950.39
Bux turtles: QL666.C547
Buxaceae: QK495.B85
Buxbaumiaceae: QK539.B97
Byblidaceae: QK495.B9
Byrrhidae: QL596.B97
Bythoscopidae: QL527.B9
Byturidae: QL596.B98

C

C*-algebras (Mathematical physics): QC20.7.C14
C (Computer program language): QA76.73.C15, QA76.73.C153, QA76.73.C154
C-functions
  Analysis: QA353.C17
C-reactive protein
  Animal biochemistry: QP552.C17
Cacao
  Botany: QK495.S8
Cactaceae: QK495.C11
Cactus
  Botany: QK495.C11
Caddisflies
  Paleozoology: QE832.T8
  Zoology: QL516+
Cadmium
  Chemical element: Q1 .C3
  Effect on plants: QK753.C16
  Effect on plants and animals: QH545.C3
Cadmium arsenide
  Semiconductor physics: QC611.8.C34
Caecidae: QL430.5.C18
Caecilians: QL668.A6+
Caeciliidae: QL668.A63
Caeculidae: QL458.2.C28
Caenidae: QL505.3.C3
Caenolestidae: QL737.M463
Caesalpiniaceae: QK495.C1153
Caesionidae: QL638.C12
Caffeine
  Animal biochemistry: QP801.C24
  Genetic effects: QH465.C3
Caimans
  Zoology: QL666.C925
Calamitales
  Paleobotany: QE965
Calamoceratidae: QL518.C3
Calanoida: QL444.C72
Calcarea: QL373.C2
Calcispongiae: QL373.C2
Calcite
  Mineralogy: QE391.C2
Calcitonin
  Animal biochemistry: QP572.C3
Calcitonin gene-related peptide
  Animal biochemistry: QP552.C22
Calcium
  Chemical element: Q1 .C2
  Effect on plants: QK753.C2
  Microbial metabolism: QR92.C27
  Plant constituent: QK898.C2
Calcium-binding proteins
  Animal biochemistry: QP552.C24
Calcium fluoride
  Spectra: QC464.C34
Calcium regulating hormones
  Animal biochemistry: QP572.C33
Calcretes: QE471.15.C27
Calculation of orbits (General): QB355+
Calculators
  Mathematics teaching aid: QA20.C34
Calculus: QA303+
Calculus of differences
  Analysis: QA431
Calculus of tensors
  Mathematical physics: QC20.7.C28
Calculus of variations: QA315+
  Mathematical physics: QC20.7.C3
Calculus on manifolds
  Topology: QA614.5+
Calderas
  Microbiology: QR107
Calibration
  Analytical chemistry: QD75.4.C34
Caliciales: QK585.C28
Caliciviruses
  Virology: QR398.8

California group viruses
  Virology: QR416.C35
Californium
  Chemical element: Q1 .C45
Caligoida: QL444.C79
Callaeidae: QL696.P224
Callaphididae: QL527.C35
Callichthyidae: QL638.C14
Callidulidae: QL561.C24
Callimiconidae: QL737.P925
Callionymidae: QL638.C15
Callipharixenidae: QL599.3.C32
Calliphoridae: QL537.C24
Callipodidae: QL449.65.C24
Callitrichaceae: QK495.C1155
Callitrichidae: QL737.P925
Callyssozoa
  Zoology: QL400+
Calmodulin
  Animal biochemistry: QP552.C28
Caloplacaceae: QK585.C3
Calopterygidae: QL520.3.C3
Calorimeters
  Physics: QC290+
Calorimetry
  Analytical biochemistry: QP519.9.C34
  Biological research: QH324.9.C3
  Physics: QC290+
Calpain
  Animal biochemistry: QP609.C26
Calreticulin
  Animal biochemistry: QP552.C29
Calutrons: QC787.C3
Calycanthaceae: QK495.C15
Calyceraceae: QK495.C17
Calyptraeidae: QL430.5.C22
Calyx: QK656
Camaenidae: QL430.5.C25
Cambalidae: QL449.65.C25
Cambrian
  Paleobotany: QE916
  Paleontology: QE726
  Stratigraphy: QE656
Camelidae: QL737.U54
Camels
  Zoology: QL737.U54
Campanulaceae: QK495.C18
Campephagidae: QL696.P225
Campfires
  Effect on plants and animals: QH545.C34
Camphors
  Biochemistry: QD416+
Campodeidae: QL503.4.C3
Campylobacter infections
  Microbiology: QR201.C25
Campylobacter pylori infections
  Microbiology: QR201.H44
Canaceidae: QL537.C25
Canal ecology: QH541.5.C24
Canal rays
  Electric discharge: QC710+
Canals
  Ecology: QH541.5.C24
  Effect on plants and animals: QH545.C35
Cancellariidae: QL430.5.C26
Cancer
  Microbiology: QR201.T84
Candidiasis
  Microbiology: QR201.C27
Cane rats: QL737.R686
Canellaceae: QK495.C182
Canidae: QL737.C22
Canine parvovirus
  Virology: QR408.2.C35
Canna
  Botany: QK495.C196
Cannabaceae: QK495.C194
Cannabis
  Animal biochemistry: QP801.C27
Cannaceae: QK495.C196
Canned foods
  Microbiology: QR123
Cannibalism
  Animals: QL756.57
Canopies, Plant: QK924.5
Cantharellaceae: QK629.C3
Cantharellales: QK629.C33
Cantharidae: QL596.C15
Canthyloscelidae: QL537.C26
Capillaries
  Physiology: QP106.6
Capillarity
  Atomic physics: QC183
Capillary electrophoresis
  Animal biochemistry: QP519.9.C36
Capillary liquid chromatography
  Animal biochemistry: QP519.9.C37
Capitonidae: QL696.P53
Capniidae: QL530.3.C3
Capnodiaceae: QK623.C36
Caponiidae: QL458.42.C3
Capparidaceae: QK495.C198
Caprifoliaceae: QK495.C199
Caprimulgidae: QL696.C23
Caprimulgiformes: QL696.C2+
Caproidae: QL638.C2
Capromyidae: QL737.R63
Capsid proteins
  Viruses: QR453
Capsidae: QL523.M5
Capsids
  Viruses: QR453
Capsules
  Microbiology: QR77.5

Captorhinidae
  Paleozoology: QE862.C36
Capture of the moon by the earth: QB392.C3
Capuchin monkeys: QL737.P925
Capybara: QL737.R662
Carabidae: QL596.C2
Caraboctonidae: QL458.72.C27
Caracanthidae: QL638.C23
Caracaras (Birds): QL696.F34
Carangidae: QL638.C25
Carapidae: QL638.C26
Carbanions
  Aliphatic compounds: QD305.C3
Carbohydrates
  Animal biochemistry: QP701+
  Immunology: QR186.6.C37
  Microbial metabolism: QR92.C3
  Organic chemistry: QD320+
  Plant constituent: QK898.C3
  Radiation chemistry: QD651.C37
  Spectra: QC463.C3
Carbolic acid
  Animal biochemistry: QP801.C3
Carbolines
  Animal biochemistry: QP801.C3115
Carbon
  Chemical element: Q1 .C1
  Geochemistry: QE516.C37
Carbon cycle: QH344+
Carbon dioxide
  Bacterial physiology: QR97.C3
  Blood constituents: QP99.3.C3
  Effect on plants: QK753.C3
  Microbial metabolism: QR92.C33
  Photosysthesis: QK882
  Spectra: QC464.C37
Carbon disulfide
  Spectra: QC464.C375
Carbon electrodes: QD572.C37
Carbon isotopes
  Effect on plants and animals: QH545.C37
Carbon sequestration
  Geochemistry: QE516.C37
Carbonate dehydratase
  Animal biochemistry: QP613.C37
Carbonate rocks: QE471.15.C3
Carbonates
  Mineralogy: QE389.61
Carbonatites: QE462.C36
Carbonic anhydrase
  Animal biochemistry: QP613.C37
Carboniferous
  Paleobotany: QE915, QE919+
  Paleontology: QE729+
  Stratigraphy: QE671+
Carbonium ions
  Aliphatic compounds: QD305.C3
Carbonyl compounds
  Aliphatic compounds: QD305.A6
  Aromatic compounds: QD341.A6
Carboxylase
  Animal biochemistry: QP613.P9
Carboxylic acids
  Animal biochemistry: QP801.C312
Carboxypeptidase
  Animal biochemistry: QP609.C3
Carcharhinidae: QL638.95.C3
Carcharhiniformes: QL638.94.C37
Carchariidae: QL638.95.O3
Carcharocles megalodon
  Cryptozoology: QL89.2.C37
Carcinophoridae: QL510.3.C37
Cardiac arrest
  Physiology: QP114.A75
Cardiac dynamics
  Physiology: QP113
Cardiidae: QL430.7.C2
  Paleozoology: QE812.C3
Cardinalfishes: QL638.A7
Cardiogenic reflexes
  Physiology: QP114.C37
Cardiography: QP112.5.C3
Cardiopteridaceae: QK495.C1995
Cardiopulmonary system
  Physiology: QP119+
Cardiovascular sound
  Physiology: QP113.6
Cardiovascular system
  Human embryology: QM695.C37
  Physiology: QP101+
Carditidae: QL430.7.C24
  Paleozoology: QE812.C35
Carettochelyidae: QL666.C52
Cariamidae: QL696.G827
Caricaceae: QK495.C1997
Caristiidae: QL638.C265
Carnidae: QL537.C27
Carnitine
  Animal biochemistry: QP772.C3
Carnitine acyltransferases
  Animal biochemistry: QP606.C37
Carnivora: QL737.C2+
  Paleozoology: QE882.C15
Carnivorous plants
  Plant ecology: QK917
Carnosine
  Animal biochemistry: QP552.C3
Carotenes
  Animal biochemistry: QP671.C3
Carotenoids
  Animal biochemistry: QP671.C35
  Plant constituent: QK898.C34
Carotid gland
  Anatomy: QL868

Carotid gland
  Human anatomy: QM371
Carotin
  Animal biochemistry: QP671.C3
  Plant constituent: QK898.C35
Carotinoids
  Animal biochemistry: QP671.C35
Carp
  Zoology: QL638.C94
Carpenterworm moths: QL561.C6
Carpet sharks: QL638.94.O74
Carpoglyphidae: QL458.2.C3
Carposinidae: QL561.C3
Carrier proteins
  Animal biochemistry: QP552.C34
Carrion beetles: QL596.S5
Cartilage, Articular
  Human anatomy: QM142
Cartilaginous fishes: QL638.6+
Cartilaginous tissues
  Human histology: QM567
Caryocaraceae: QK495.C2
Caryphyllaceae: QK495.C24
Case-based reasoning
  Artificial intelligence: Q338.8
Casebearer moths: QL561.C58
Casein
  Animal biochemistry: QP552.C35
Caseinolytic proteases
  Animal biochemistry: QP609.C34
Caseyidae: QL449.65.C28
Cashew
  Botany: QK495.A498
Cassidae: QL430.5.C3
Cassididae: QL596.C5
Cassiopeium
  Chemical element: Q1 .L8
Cassiterite
  Mineralogy: QE391.C25
Cassowaries: QL696.C33
Castniidae: QL561.C35
Castoridae: QL737.R632
Casuariidae: QL696.C33
Casuariiformes: QL696.C3+
  Paleozoology: QE872.C3
Casuarinaceae: QK495.C27
Cat sharks: QL638.95.S38
Cataclysmic variable stars: QB837.5
Catalase
  Animal biochemistry: QP603.C3
Catalogs and collections
  Mammals: QL708.2
Catalogs, Computer software: QA76.753
Catalpa
  Botany: QK495.B62
Catalysis
  Organic chemistry: QD281.C3
Catalysis
  Physical chemistry: QD505
Catalytic RNA
  Animal biochemistry: QP623.5.C36
Catamblyrhynchidae: QL696.P228
Cataphoresis
  Microbiology: QR69.C3
Catastrophes
  Mathematical physics: QC20.7.C36
  Topology: QA614.58
Catechol estrogens
  Animal biochemistry: QP572.C36
Catechol oxidase
  Animal biochemistry: QP603.D5
Catecholamines
  Animal biochemistry: QP801.C33
Categories
  Homological algebra: QA169
Catenary
  Analytic mechanics: QA835
Cathartidae: QL696.C53
Cathepsin
  Animal biochemistry: QP609.C35
Cathode rays
  Electric discharge: QC710+
Cathodoluminescence
  Radiation physics: QC479.5
Catopochrotidae: QL596.C28
Catostomidae: QL638.C27
Cats
  Laboratory manuals: QL813.C38
  Zoology: QL737.C23
Cats, Wild
  Anecdotes and stories: QL795.C2
Cattail
  Botany: QK495.T9
Cattle, Wild
  Anecdotes and stories: QL795.C3
Caudata: QL668.C2+
  Paleozoology: QE868.C2
Caulerpaceae: QK569.C37
Caulophrynidae: QL638.C28
Causality
  Physics: QC6.4.C3
Causation
  Philosophy of science: Q175.32.C38
Cave ecology: QH541.5.C3
Cavefishes: QL638.A366
Caves
  Biogeography: QH89
  Ecology: QH541.5.C3
  Plant ecology: QK938.C3
  Zoology: QL117
Cavies
  Zoology: QL737.R634
Caviidae: QL737.R634

Cavities
  Fluid dynamics: QA924
  Fluid mechanics: QC158
Cavity-nesting birds
  Zoology: QL677.79.C38
Cavity-ringdown spectroscopy
  Analytical chemistry: QD96.A2
Cavolinidae: QL430.5.C35
Cayley graphs
  Algebra: QA166.145
Cbl proteins
  Biochemistry: QP552.C38
CD antigens: QR186.6.C42
CD23 antigen: QR186.6.C42
CD26 antigen: QR186.6.C42
Cebidae: QL737.P925
Cebrionidae: QL596.C3
Cecidomyiidae: QL537.C33
Cecidosetidae: QL561.C4
Ceilometer: QC923
Celadonite
  Mineralogy: QE391.C3
Celastraceae: QK495.C385
Celestial mechanics: QB349+
Celestial sphere: QB147
Celestite
  Mineralogy: QE391.C32
Cell adhesion molecules
  Animal biochemistry: QP552.C42
Cell aging: QH608
Cell compartmentation: QH604.3
Cell complexes
  Topology: QA613+
Cell culture
  Cytology: QH585.2+
Cell cycle
  Microbiology: QR73.7
Cell death: QH671
Cell differentiation
  Cytology: QH607+
  Embryology: QL963.5
Cell division
  Cytology: QH605+
Cell fractionation
  Cytology: QH585.5.C43
Cell fusion
  Genetics: QH451
Cell growth
  Cytology: QH604.7
Cell hybridization
  Genetics: QH451
Cell immobilization
  Cytology: QH585.5.I45
Cell ingestion: QH634
Cell interaction
  Cytology: QH604.2
  Microbiology: QR96.5
Cell junctions
  Cytology: QH603.C4
Cell lines
  Cytology: QH585.4+
Cell membranes
  Cytology: QH601+
  Microbiology: QR77
Cell metabolism: QH634.5
Cell pathology: QH671
Cell populations
  Cytology: QH587+
Cell proliferation
  Cytology: QH604.7
Cell receptors
  Cytology: QH603.C43
Cell regulation
  Cytology: QH604+
Cell respiration: QH633
Cell separation
  Cytology: QH585.5.C44
Cell surface antigens
  Immunology: QR186.6.C44
Cell walls
  Bacteria: QR77.3+
Cells, Cardiac
  Physiology: QP114.C44
Cells, Chromaffin
  Physiology: QP188.C35
Cells, Electrolytic
  Electrochemistry: QD568
Cells, Nerve
  Anatomy: QL931
Cellular automata
  Algebra: QA267.5.C45
Cellular control mechanisms
  Endocrine glands: QP187.3.C44
Cellular immunity: QR185.5
Cellular osmosis
  Cytology: QH615
Cellular repair mechanisms
  Cytology: QH609
Cellular signal transduction
  Animal biochemistry: QP517.C45
Cellulase
  Animal biochemistry: QP609.C37
Cellulose
  Organic chemistry: QD323
  Plant constituent: QK898.C42
Cellulose 1,4-beta-cellobiosidase
  Animal biochemistry: QP609.C38
Cellulose microorganisms: QR160
Celtium
  Chemical element: Q1 .H5
Celyphidae: QL537.C35
Cenozoic
  Paleobotany: QE925+
  Paleontology: QE735+

Cenozoic
  Stratigraphy: QE690+
Census
  Birds: QL677.5
Census taking
  Reptiles and amphibians: QL645.6+
Center of mass
  Analytic mechanics: QA839
Centers of plant diversity: QK46.5.D58
Centipedes: QL449.5+
Central nervous system
  Anatomy: QL933+
  Neurophysiology: QP370+
Central projection: QA511+
Centrales: QK569.C39
Centrarchidae: QL638.C3
Centrifugation
  Animal biochemistry: QP519.9.C44
  Biological research: QH324.9.C4
Centrifuges
  Chemical laboratories: QD54.C4
Centriole
  Cytology: QH597
Centriscidae: QL638.C32
Centrohelida: QL368.C4
Centrolenidae: QL668.E23
Centrolepidaceae: QK495.C39
Centrolophidae: QL638.C326
Centromere
  Cytology: QH600.2
Centrophoridae: QL638.95.C36
Centrophrynidae: QL638.C33
Centropomidae: QL638.C34
Centrosome
  Cytology: QH597
Cephalaspidomorphi: QL638.18+
Cephalocarida: QL444.C4
Cephalochordata: QL611
  Paleozoology: QE840.5
Cephaloidae: QL596.C37
Cephalopoda: QL430.2+
  Paleozoology: QE806+
Cephalosporin
  Organic chemistry: QD377.C4
Cephalotaceae: QK495.C395
Cephalotaxaceae: QK494.5.C4
Cephidae: QL568.C373
Cepolidae: QL638.C347
Cerambycidae: QL596.C4
Ceramiaceae: QK569.C4
Ceramic superconductors: QC611.98.C47
Ceramides
  Animal biochemistry: QP752.C37
Ceraphronidae: QL568.C375
Ceratiidae: QL638.C35
Ceratiomyxaceae: QK635.C4
Ceratobatrachidae: QL668.E232
Ceratocanthidae: QL596.C415
Ceratodontidae: QL638.C356
Ceratopeidae
  Paleozoology: QE809.C4
Ceratophillidae: QL599.7.C47
Ceratophyllaceae: QK495.C4
Ceratopogonidae: QL537.C37
Ceratothripidae: QL598.3.C4
Cerceridae: QL568.C377
Cercidiphyllaceae: QK495.C43
Cercomegistidae: QL458.2.C37
Cercophanidae: QL561.C42
Cercopidae: QL527.C4
Cercopithecidae: QL737.P93
Cereals
  Microbiology: QR119
Cerebellum
  Neurophysiology: QP379
Cerebral circulation
  Physiology: QP108.5.C4
Cerebral cortex
  Anatomy: QL938.C46
Cerebral dominance
  Neurophysiology: QP385.5
Cerebral hemispheres
  Neurophysiology: QP381+
Cerebral ventricles
  Anatomy: QL938.C47
Cerebrin
  Animal biochemistry: QP801.C4
Cerebrosides
  Animal biochemistry: QP752.C4
Cerebrospinal fluid
  Neurophysiology: QP375
Cerebrospinal fluid proteins
  Animal biochemistry: QP552.C45
Cerebrospinal nerves
  Neurophysiology: QP366+
Cerebrum
  Neurophysiology: QP381+
Ceres
  Dwarf planets: QB705
Cerionidae: QL430.5.C38
Cerithiidae: QL430.5.C4
Cerithiopsidae: QL430.5.C43
Cerium
  Chemical element: Q1 .C4
Cermatobiidae: QL449.55.C4
Cerococcidae: QL527.C43
Ceromidae: QL458.82.C4
Cerophytidae: QL596.C42
Ceroplatidae: QL537.C376
Cerrados
  Ecology: QH541.5.P7
Certhiidae: QL696.P23
Certification
  Data processing personnel: QA76.3

Certification
  Software: QA76.76.C47
Cervidae: QL737.U55
Cesium
  Chemical element: Q1 .C8
Cestida: QL380.5.T42
Cetacea
  Paleozoology: QE882.C5
  Zoology: QL737.C4+
Cetomimidae: QL638.C36
Cetomimiformes: QL637.9.C35
Cetoniidae: QL596.C43
Cetopsidae: QL638.C37
Cetorhinidae: QL638.95.C37, QL638.95.L3
Chachalacas: QL696.G23
Chacidae: QL638.C385
Chactidae: QL458.72.C4
Chaenopsidae: QL638.C4
Chaerilidae: QL458.72.C45
Chaetangiaceae: QK569.C44
Chaetodactylidae: QL458.2.C39
Chaetodontidae: QL638.C48
Chaetognatha: QL391.C6
Chaetomiaceae: QK623.C53
Chaetophoraceae: QK569.C45
Chaetophorales: QK569.C455
Chagas' disease
  Microbiology: QR201.C29
Chains and flexible surfaces
  Analytic mechanics: QA835
Chalcididae: QL568.C4
Chalcocite
  Mineralogy: QE391.C35
Chalcogenides
  Inorganic chemistry: QD169.C5
  Superconductors: QC611.98.C53
Chalcopyrite
  Semiconductor physics: QC611.8.C45
Chalk ecology: QK938.L5
Chalones
  Animal biochemistry: QP572.C47
Chalybite
  Mineralogy: QE391.C38
Chamaeidae: QL696.P234
Chamaeleontidae: QL666.L23
Chamaemyiidae: QL537.C4
Chameleons: QL666.L23
Chamidae: QL430.7.C53
Chamois
  Anecdotes and stories: QL795.C5
Chamosite
  Mineralogy: QE391.C392
Champ (Monster): QL89.2.C53
Champsodontidae: QL638.C483
Change of state
  Physics: QC301+
Changes, Climatic: QC902.8+
Chanidae: QL638.C484
Channeling
  Solid state physics: QC176.8.C45
Channicthyidae: QL638.C485
Channidae: QL638.C486
Chaoboridae: QL537.C43
Chaos
  Physical optics: QC446.3.C45
  Quantum mechanics: QC174.17.C45
Chaotic behavior
  Geology: QE33.2.C48
Chaotic behavior in systems: Q172.5.C45
  Astrophysics: QB466.C45
Chaotic processes
  Physiology: QP33.6.C48
Chaparral
  Ecology: QH541.5.C5
Chaparral ecology: QH541.5.C5
Chapuisiidae: QL596.C45
Characeae: QK569.C47
  Paleontology: QE955
Characiaceae: QK569.C48
Characidae: QL638.C5
Characiformes: QL637.9.C38
Characins: QL638.C5
Character sums
  Number theory
    Algebra: QA246.7+
Characteristic classes
  Differential topology: QA613.618
Charadriidae: QL696.C43
Charadriiformes: QL696.C4+
Charge coupled devices
  Astronomical electronics: QB127.4
Charge transfer
  Animal biochemistry: QP517.C49
Charideidae: QL561.C44
Charipidae: QL568.C44
Charm
  Elementary particle physics: QC793.3.C53
Charnockite: QE462.C5
Charoite
  Mineralogy: QE391.C396
Charonidae: QL458.32.C4
Charophyta: QK569.C483
Charts
  Mathematics teaching aid: QA19.C45
Charts and atlases
  Astronomy: QB65
Chattonellaceae: QK569.C484
Chaudhuriidae: QL638.C53
Chauliodontidae: QL638.C534
Chaunacidae: QL638.C5344
Checkered beetles: QL596.C62
Cheetahs
  Anecdotes and stories: QL795.C54
Cheilodactylidae: QL638.C536

Cheilostomata: QL398.C5
  Paleozoology: QE799.C5
Cheimarrhichthyidae: QL638.C5365
Cheirogaleidae: QL737.P933
Chelates
  Effect on plants: QK753.C58
  Physical chemistry: QD474
  Spectra: QC463.C5
Chelicerata
  Paleozoology: QE825+
Chelidae: QL666.C535
Cheliduridae: QL510.3.C43
Chelisochidae: QL510.3.C48
Chelodesmidae: QL449.65.C37
Chelonariidae: QL596.C46
Chelonethida: QL458.6+
Chelonia: QL666.C5+
  Paleozoology: QE862.C5
Cheloniidae: QL666.C536
Chelydridae: QL666.C539
Chemical affinity
  Physical chemistry: QD505.5
Chemical agents
  Effect on cells: QH650+
Chemical agents affecting plants: QK746+
Chemical analysis
  Rocks: QE438
Chemical apparatus: QD53+
Chemical bonds, Laws of: QD461
Chemical combination, Laws of: QD461
Chemical compound models
  Physical chemistry: QD480
Chemical compound structure
  Physical chemistry: QD471
Chemical dosimetry
  Radiation chemistry: QD643.C5
Chemical ecology
  Ecology: QH541.15.C44
Chemical effects
  Heart physiology: QP114.C5
Chemical elements
  Classification: QD467
  Effect on plants and animals: QH545.C47
  Inorganic chemistry: QD181.A+
  Physical chemistry: QD466+
Chemical embryology: QL963
Chemical equilibrium
  Physical chemistry: QD503
Chemical kinetics: QD502+
Chemical kinetics, Nonlinear: QD502.2
Chemical laboratories: QD51+
Chemical literature: QD8.5
Chemical manipulation: QD61+
Chemical mechanisms: QD502+
Chemical microscopy: QH221
Chemical properties
  Cells: QH611+
Chemical reactions
  Physical chemistry: QD501+
Chemical reactions, Oscillating: QD502.2
Chemical reactivity
  Physical chemistry: QD505.5
Chemical senses
  Physiology: QP455+
Chemical warfare
  Effect on plants and animals: QH545.C48
Chemical weapons
  Effect on plants and animals: QH545.C48
Chemicals
  Bacterial physiology: QR97.C5
  Effect on cells: QH659
  Genetic effects: QH465.C5
Chemiluminescence
  Animal biochemistry: QP517.C54
  Physical chemistry: QD505.8
Chemiluminescence immunoassay
  Antigen-antibody reactions: QR187.C48
Cheminformatics: QD39.3.E46
Chemistry: QD1+
  Superconductors: QC611.97.C54
Chemistry, Analytical: QD71+
Chemistry as a profession: QD39.5
Chemistry, Excited state: QD461.5
Chemistry, Inorganic: QD146+
Chemistry, Microbiological: QR148
Chemistry, Mineralogical: QE371
Chemistry of the air: QD163
Chemistry, Organic: QD241+
Chemistry, Quantum: QD462+
Chemistry recreations: QD38
Chemistry, Solid state: QD478
Chemistry, Surface
  Animal biochemistry: QP517.S87
Chemoautotrophic bacteria: QR88.7
Chemogenomics
  Genetics: QH438.4.C45
Chemokines: QR185.8.C45
Chemometrics
  Analytical chemistry: QD75.4.C45
Chemoreceptors
  Physiology: QP455+
Chemosphere: QC881.2.C4
Chemotaxis
  Immunology: QR187.4
Chemotaxonomy
  Botany: QK95.4
Chenopodiaceae: QK495.C46
Chermidae: QL527.P88
Chernetidae: QL458.62.C37
  Paleozoology: QE826.C5
Chert: QE471.15.C4
  Mineralogy: QE391.C4
Chevrotains: QL737.U595

Chewing lice
  Zoology: QL540+
Cheyletidae: QL458.2.C4
Chi-square test: QA277.3
Chiasmodontidae: QL638.C54
Chickadees: QL696.P2615
Chickenpox vaccine: QR189.5.C45
Chicle
  Botany: QK495.S2
Child anatomy: QM24.5
Children
  Anatomy: QM24.5
Children and computers: QA76.9.C659
Children's software
  Computer science: QA76.76.C54
Chilinidae: QL430.5.C49
Chilodontidae: QL638.C544
Chilopoda: QL449.5+
  Paleozoology: QE829.C5
Chimaeras: QL638.75.C4
Chimaeridae: QL638.75.C4
Chimaeriformes: QL638.7+
  Paleozoology: QE852.C48
Chimpanzees
  Anecdotes and stories: QL795.C57
Chinchillas
  Zoology: QL737.R636
Chinchillidae: QL737.R636
Chinguetti meteorite: QB756.C45
Chinook
  Meteorology: QC939.F6
Chionididae: QL696.C435
Chirality
  Animal biochemistry: QP517.C57
  Elementary particle physics: QC793.3.C54
Chiromyzidae: QL537.C455
Chironemidae: QL638.C547
Chironomidae: QL537.C456
Chiroptera: QL737.C5+
Chirothripoididae: QL598.3.C5
Chitin
  Animal biochemistry: QP702.C5
Chitinase
  Animal biochemistry: QP609.C39
Chitonidae: QL430.14.C47
Chitons: QL430.13+
Chlamisidae: QL596.C48
Chlamydia infections
  Microbiology: QR201.C47
Chlamydiaceae: QR82.C35
Chlamydomonadaceae: QK569.C486
Chlamydoselachidae: QL638.95.C4
Chlidanotidae: QL561.C46
Chloranthaceae: QK495.C47
Chlorellaceae: QK569.C49
Chlorides
  Effect on plants: QK753.C6
Chlorides
  Mineralogy: QE389.4
  Plant constituent: QK898.C44
Chlorinated aromatic compounds
  Microbial metabolism: QR92.C55
Chlorination
  Organic chemistry: QD281.C5
Chlorine
  Chemical element: Q1 .C5
  Plant constituent: QK898.C45
Chlorite
  Mineralogy: QE391.C5
Chlorobiaceae: QR82.C4
Chloroccales: QK569.C496
Chlorococcaceae: QK569.C494
Chlorocyphidae: QL520.3.C4
Chloroform
  Effect on plants and animals: QH545.C5
Chloromonadida: QL368.C48
Chloromycetin
  Organic chemistry: QD377.C5
Chloroperlidae: QL530.3.C45
Chlorophenols
  Animal biochemistry: QP801.C48
Chlorophenoxyacetic acid
  Effect on plants: QK753.C62
Chlorophthalmidae: QL638.C549
Chlorophyll
  Animal biochemistry: QP671.C45
  Plant constituent: QK898.C5
  Spectra: QC463.C54
Chlorophyta: QK569.C6
Chloropidae: QL537.C46
Chloroplast DNA
  Plant constituent: QK898.C52
Chloropseidae: QL696.P2344
Choanephoraceae: QK621.C48
Choanoflagellatea: QL368.C5
Choanoflagellates: QL368.C5
Choanoflagellida: QL368.C5
Chocolate
  Nutrition: QP144.C46
Cholecalciferol
  Effect on plants and animals: QH545.C52
Cholecystokinin
  Animal biochemistry: QP572.C5
Cholera
  Microbiology: QR201.C5
Cholesterin
  Animal biochemistry: QP752.C5
Cholesterol
  Animal biochemistry: QP752.C5
Cholesterol hydroxylase
  Animal biochemistry: QP603.C45
Cholesterol oxides
  Animal biochemistry: QP752.C53

Cholic acid
  Animal biochemistry: QP752.C55
Choline
  Animal biochemistry: QP772.C5
Choline acetylase
  Animal biochemistry: QP606.C45
Cholinesterase
  Animal biochemistry: QP609.C4
Chondrichthyes: QL638.6+
  Paleozoology: QE852.C52
Chondrites: QB758.5.C46
Chondrodite
  Mineralogy: QE391.C6
Chondrodontidae
  Paleozoology: QE812.C5
Chondrogenesis
  Embryology: QL979.5
Chondroitin sulfates
  Animal biochemistry: QP702.C55
Chondropomatidae: QL430.5.C53
Chonotrichida: QL368.C54
Chordata
  Paleozoology: QE840.5+
  Zoology: QL605+
Chordeumidae: QL449.65.C4
Choreutidae: QL561.C47
Chorion
  Embryology: QL977
Chorionic gonadotropins
  Animal biochemistry: QP572.C53
Chorisoneuridae: QL505.7.C4
Choroid plexus
  Neurophysiology: QP375.5
Chriroptera
  Paleozoology: QE882.C8
Chromaffin cells
  Physiology: QP188.C35
Chroman
  Spectra: QC463.C57
Chromates
  Mineralogy: QE389.66
Chromatiaceae: QR82.C45
Chromatin
  Cytology: QH599
Chromatographic analysis
  Analytical chemistry: QD79.C4+
Chromatography
  Animal biochemistry: QP519.9.C47
  Organic chemistry: QD272.C4+
  Qualitative analysis: QD98.C4
  Quantitative analysis: QD117.C5+
Chromatophores
  Cytology: QH607.2.C47
Chromebook: QA76.8.C46
Chromite
  Mineralogy: QE391.C65
Chromium
  Chemical element: Q1 .C7
  Effect on plants and animals: QH545.C54
Chromium-iron-nickel alloys
  Analytical chemistry: QD137.C5
Chromodorididae: QL430.5.C56
Chromogranins
  Animal biochemistry: QP552.C48
Chromophyta: QK569.C617
Chromosomal mutation
  Genetics: QH462.A1+
Chromosomes
  Cytology: QH600+
Chromosphere of the sun: QB528
Chronobiology
  Biology: QH527
  Developmental physiology: QP84.6
Chronographs
  Astronomical instruments: QB107
Chronometers
  Astronomical instruments: QB107
Chrysididae: QL568.C47
Chrysobalanaceae: QK495.C48
Chrysoberyl
  Mineralogy: QE391.C657
Chrysochloridae: QL737.A352
Chrysomelidae: QL596.C5
Chrysomonadida: QL368.C57
Chrysophyceae: QK569.C62
Chrysophytes: QK569.C622
Chrysopidae: QL513.C5
Chrysopolomidae: QL561.C48
Chrysotile
  Mineralogy: QE391.C67
Chthoniidae: QL458.62.C4
Chupacabras: QL89.2.C57
Chymosin
  Animal biochemistry: QP609.R4
Chymotrypsin
  Animal biochemistry: QP609.C45
Chyromyiidae: QL537.C49
Chytridiaceae: QK621.C5
Cicadas
  Zoology: QL525+
Cicadellidae: QL527.C49
Cicadidae: QL527.C5
Cichlidae: QL638.C55
Cichlids: QL638.C55
Ciconiidae: QL696.C535
Ciconiiformes: QL696.C5+
  Paleozoology: QE872.C53
Cigarette smoke
  Analytical chemistry: QD139.C53
Ciidae: QL596.C6
Ciliary motion
  Physiology: QP310.C5
Ciliata: QL368.A22

Ciliophora: QL368.A2
Cimbicidae: QL568.C5
Cimicidae: QL523.C6
Cimolesta
  Paleozoology: QE882.C84
Cincindelidae: QL596.C56
Cinclidae: QL696.P235
Cipher and telegraph codes
  Meteorology: QC872
Circle
  Analytic geometry: QA557
  Plane geometry: QA484
Circle squaring
  Elementary geometry: QA467
Circular dichroism
  Animal biochemistry: QP519.9.C57
Circular DNA
  Animal biochemistry: QP624.5.C57
Circular functions
  Analysis: QA342
Circulation of blood
  Physiology: QP101+
Circumstellar matter: QB792
Cirrhitidae: QL638.C577
Cirripedia: QL444.C5+
  Paleozoology: QE817.C5
Cirrus clouds: QC921.43.C57
Cistaceae: QK495.C5
Cistelidae: QL596.C613
Citharidae: QL638.C578
Citharinidae: QL638.C5785
Citheroniidae: QL561.C5
Cities
  Ecology: QH541.5.C6
Cities and towns
  Effect on plants and animals: QH545.C545
Citizen participation
  Nature conservation: QH77.3.C57
  Scientific research: Q180.55.C54
Citrates
  Animal biochemistry: QP801.C63
Citric acid
  Animal biochemistry: QP801.C65
  Microbial metabolism: QR92.C57
Citrulline
  Animal biochemistry: QP563.C5
Citrus
  Botany: QK495.R98
Citrus fruit
  Nutrition: QP144.C58
Civets
  Zoology: QL737.C28
Civilization and computers: QA76.9.C66
Cixiidae: QL527.C55
Cladocera: QL444.B83
Cladoniaceae: QK585.C6
Cladophoraceae: QK569.C624
Clam shrimps: QL444.B834
Clambidae: QL596.C617
Clams: QL430.6+
Clariidae: QL638.C6
Classical logical systems
  Mathematical logic: QA9.25+
Classical statistical mechanics: QC174.86.C6
Classification
  Chemical elements: QD467
  Climate: QC980.4
  Fungi: QK603.2+
  Invertebrates: QL362.5
  Mollusca: QL406
  Natural history: QH83
  Sciences: Q177
  Scientific research: Q180.55.C55
  Zoology: QL351+
Classification of curves and surfaces: QA603
Clastopteridae: QL527.C58
Clathrate compounds
  Physical chemistry: QD474
Clausiliidae: QL430.5.C57
Claustrum
  Neurophysiology: QP383.6
Clavariaceae: QK629.C6
Clavicipitaceae: QK623.C55
Clavicipitales: QK623.C57
Clavigeridae: QL596.C618
Clay
  Petrology: QE471.3
Clear air turbulence
  Meteorology: QC880.4.T8
Clearwing moths: QL561.S47
Cleavage
  Crystallography: QD933
  Geology: QE605
Cleidogonidae: QL449.65.C5
Cleonymidae: QL568.C55
Cleptidae: QL568.C56
Cleridae: QL596.C62
Clethraceae: QK495.C55
Click beetles: QL596.E4
Client/server computing
  Computer science: QA76.9.C55
Clifford algebras: QA199
  Mathematical physics: QC20.7.C55
Cliffs
  Ecology: QH541.5.C62
Climacteridae: QL696.P2354
Climate
  Effect on plants: QK754.5+
  Mars (Planet): QB643.C55
  Physiological effect: QP82.2.C5
Climate zones
  Meteorology: QC981.8.Z6
Climatic changes: QC902.8+

Climatic extremes
  Meteorology: QC981.8.C53
Climatic periodicity
  Meteorology: QC883.2.C5
Climatic variations
  Paleoclimatology: QC884.2.C5
Climatology: QC851+
Climbing
  Physiology: QP310.C55
Climbing plants
  Physiology: QK773
Clines
  Evolution: QH409
Clingfishes: QL638.G6
Clinidae: QL638.C63
Clinids: QL638.C63
Clionidae: QL430.5.C6
Clipper (Computer program language): QA76.73.C56
Clocks
  Astronomical instruments: QB107
Cloning
  Genetics: QH442.2
Closed ecological systems
  Ecology: QH541.15.C55
Clostridium diseases
  Microbiology: QR201.C54
Clothes moths: QL561.T55
Clothodidae: QL539.3.C4
Cloud chambers: QC787.C56
Cloud computing
  Digital computers: QA76.585
Cloud droplets
  Cloud physics: QC921.6.C6
Cloud forest plants
  Botany: QK938.C55
Cloud forests
  Ecology: QH541.5.C63
Cloud forms
  Meteorology: QC921.4+
Cloud modification
  Meteorology: QC926.6+
Cloud physics: QC921.48+
Cloud seeding
  Meteorology: QC928.6
Clouds
  Meteorology: QC920.7+
Clouds, Magellanic: QB858.5.M33
Clouds, Molecular: QB791.4
Clubionidae: QL458.42.C4
Clubtails: QL520.3.G6
Clupeidae: QL638.C64
Clupeiformes: QL637.9.C4
  Paleozoology: QE852.C55
Clusiidae: QL537.C5
Cluster analysis
  Mathematical statistics: QA278.55
Clusterin
  Animal biochemistry: QP552.C56
Clusters
  Stellar spectroscopy: QB891
Clusters of galaxies: QB858.7+
Clusters of stars: QB853+
Clycerin
  Animal biochemistry: QP752.G55
Clymeniida
  Paleozoology: QE807.C65
Clythiidae: QL537.P63
Clytridae: QL596.C64
Cnemospathidae: QL537.C56
Cneoraceae: QK495.C555
Cnidaria
  Paleozoology: QE777+
  Zoology: QL375+
Cnidosporidia: QL368.A18
Coagulase
  Animal biochemistry: QP609.C6
Coagulation of blood
  Physiology: QP93.5+
Coal
  Microbiology: QR53.5.C73
Coal balls
  Paleobotany: QE990
Coal-fired power plants
  Effect on plants and animals: QH545.C57
Coastal ecology: QH541.5.C65
Coasts
  Ecology: QH541.5.C65
  Plant ecology: QK938.C6
Coated vesicles
  Cytology: QH603.C63
Cobalt
  Chemical element: Q1 .C6
  Effect on plants: QK753.C67
  Magnetic materials: QC766.C6
  Plant constituent: QK898.C6
Cobalt ores
  Mineralogy: QE390.2.C58
Cobias: QL638.R3
Cobitidae: QL638.C647
COBOL (Computer program language): QA76.73.C25
Cobordism
  Differential topology: QA613.66
Cobras: QL666.O64
Cobweb weavers: QL458.42.T54
Coca
  Animal biochemistry: QP801.C68
  Botany: QK495.E82
Cocaethylene
  Animal biochemistry: QP801.C67
Cocaine
  Animal biochemistry: QP801.C68
Coccidae: QL527.C6
Coccidia: QL368.C59

Coccidioidomycosis
  Microbiology: QR201.C58
Coccidiosis
  Microbiology: QR201.C59
Coccinellidae: QL596.C65
Coccolithophorida: QL368.C6
Coccolithophoridaceae: QK569.C63
Coccyges: QL696.C8+
  Paleozoology: QE872.C9
Cochineal insects
  Zoology: QL527.D3
Cochlea
  Neurophysiology: QP471.2
Cochleariidae: QL696.C536
Cochlospermaceae: QK495.C6
Cochylidae: QL561.C57
Cockchafers: QL596.M4
Cockroaches
  Paleozoology: QE832.B55
  Zoology: QL505.5+
Cocoa
  Nutrition: QP144.C46
Coconut
  Nutrition: QP144.C63
Codes, Telegraphic
  Meteorology: QC872
Codfishes: QL638.G2
Codiaceae: QK569.C65
Coding theory
  Machine theory
    Algebra: QA268
Codlets: QL638.B85
Coelacanthiformes
  Paleozoology: QE852.C58
Coelolepida
  Paleozoology: QE852.C6
Coelomomycetaceae: QK621.C63
Coelopidae: QL537.C634
Coelostats
  Astronomical instruments: QB97
Coelostomidiidae: QL527.C62
Coenagrionidae: QL520.3.C64
Coenomyiidae: QL537.C636
Coerebidae: QL696.P236
Coevolution
  Biology: QH372
Coffeeberry
  Botany: QK495.R45
CoffeeScript (Computer program language): QA76.73.C58
Cognitive neuroscience: QP360.5
Coherence
  Nuclear interactions: QC794.6.C58
  Radiation physics: QC476.C6
Coherent state (Physics): QC6.4.C56
Cohesion
  Crystallography: QD933
Cohesion of matter and antimatter: QC183
Cohomology theory
  Mathematical physics: QC20.7.H65
  Topology: QA612.3+
Coincidence circuits: QC787.C58
Coincidences
  Topology: QA612.24
Colchicine
  Animal biochemistry: QP801.C69
  Effect on plants: QK753.C7
  Genetic effects: QH465.C6
Cold
  Effect on plants: QK756
  Heart physiology: QP114.H94
  Physiological effect: QP82.2.C6
Cold fusion: QC791.775.C64
Cold neutrons
  Elementary particle physics: QC793.5.C64+
Cold regions
  Biogeography: QH84.1+
Cold waves
  Weather: QC981.8.A5
Colemanite
  Mineralogy: QE391.C8
Coleochaetaceae: QK569.C73
Coleoidea
  Paleozoology: QE807.C7
Coleophoridae: QL561.C58
Coleoptera
  Paleozoology: QE832.C6
  Zoology: QL571+
Coleosporiaceae: QK627.C65
Colicins
  Animal biochemistry: QP801.C7
Colies: QL696.C593
Coliidae: QL696.C593
Coliiformes: QL696.C59+
  Paleozoology: QE872.C65
Collagen
  Animal biochemistry: QP552.C6
Collagenase
  Animal biochemistry: QP609.C64
Collateral circulation
  Cardiovascular system: QP110.C64
Collectins
  Animal biochemistry: QP552.C62
Collection and preservation
  Botany: QK61
  Fossils: QE718
  Fungi: QK600.48
  Geology: QE50
  Mammals: QL708.4
  Paleontology: QE718
  Zoological specimens: QL61+
  Zoology: QL645.65
Collective excitations
  Elementary particle physics: QC793.3.C56
Collemataceae: QK585.C65

Collembola: QL503.A1+
  Paleozoology: QE832.C63
Colletidae: QL568.C6
Colliders
  Nuclear physics: QC787.C59
Collimators
  Optical instruments: QC373.C64
Collineation
  Algebraic configurations: QA601+
Collision integrals
  Statistical physics: QC175.25.C6
Collision spectroscopy
  Physics: QC454.C634
Collisions
  Astrophysics: QB466.C64
  Galaxies: QB857.5.M47
  Nuclear interactions: QC794.6.C6
Collisions, Stellar: QB818.5
Colloidal crystals
  Solution chemistry: QD549.2.C64
Colloidal determinations
  Determinative mineralogy: QE369.C6
Colloids
  Animal biochemistry: QP525
  Physical chemistry: QD549+
  Spectra: QC462.C65
Colobothristidae: QL523.C64
Colocongridae: QL638.C6535
Coloniality
  Invertebrates: QL364.5
Colonies
  Ecology: QH549
  Fungi: QK604.2.C62
Colony-forming units assay
  Cytology: QH585.5.C64
Color
  Animals: QL767
  Physical chemistry: QD473
  Radiation physics: QC494+
Color confinement
  Elementary particle physics: QC793.3.C57
Color vision
  Neurophysiology: QP483
Coloration
  Sky: QC976.C6
Colored compounds
  Organic chemistry: QD441
Colorimeters: QC496.6
Colorimetric analysis
  Analytical chemistry: QD113
  Organic chemistry: QD272.C6
Colubridae: QL666.O636
Columbellidae: QL430.5.C73
  Paleozoology: QE809.C48
Columbidae: QL696.C63
  Paleozoology: QE872.C7
Columbiformes: QL696.C6+
Columbium
  Chemical element: Q1 .N3
Columelliaceae: QK495.C65
Colydiidae: QL596.C66
Colydiinae: QL596.C66
Colymbidae
  Paleozoology: QE872.C75
Comas Sola comet: QB723.C6
Combinations
  Algebra: QA165
Combinatorial analysis
  Algebra: QA164+
Combinatorial analysis (Mathematical physics):
  QC20.7.C58
Combinatorial chemistry
  Organic synthesis: QD262
Combinatorial geometry: QA167+
Combinatorial group theory
  Algebra: QA182.5
Combinatorial probabilities
  Mathematics: QA273.45
Combinatorial topology: QA612+
Combinatorics
  Algebra: QA164+
Combinatory logic
  Mathematical logic: QA9.5
Combretaceae: QK495.C7
Combtooth blennies: QL638.B6
Comephoridae: QL638.C654
Comets: QB717+
Commelinaceae: QK495.C73
Commonsense reasoning
  Artificial intelligence: Q338.85
Communication
  Animals: QL776
  Microbiology: QR96.5
Communication in astronomy: QB14.2+
Communication in biology: QH303+
Communication in geology: QE48.85+
Communication in physics: QC5.3+
Communication in science: Q223+
Communication in space sciences: QB497.2
Communication of information
  Botany: QK9.2+
  Climatic change: QC902.9+
  Fishes: QL614.73+
  Mammals: QL701.5+
  Natural history: QH13.2+
  Nature conservation: QH77.3.C65
  Paleontology: QE704+
  Zoology: QL9.2+
Communication of meteorological information: QC854.15
Communication of ornithological information: QL672.5+
Communication of planetological information: QB600.3+
Communities
  Fungi: QK604.2.C64

Commutation relations (Quantum mechanics): QC174.17.C6
Commutative rings and algebras: QA251.3
Compact objects
  Astrophysics: QB466.C65
Compact spaces
  Topology: QA611.23
Compactifications
  Topology: QA611.23
Comparative anatomy: QL801+
Comparative histology: QL807
  Human anatomy: QM550+
Comparative human anatomy: QM24
Comparative neurobiology: QP356.15
Comparative physiology: QP33
Compatibility of software: QA76.76.C64
Compensated semiconductors: QC611.8.C6
Competency-based education
  Science (General): Q182.6
Competition
  Ecology: QH546.3
  Microbial ecology: QR100.8.C65
Competitions
  Mathematics: QA20.3
Compilers
  Computer software: QA76.76.C65
Complement
  Immune structures: QR185.8.C6
Complement fixation
  Antigen-antibody reactions: QR187.C6
Complementarity (Quantum mechanics): QC174.17.C63
Completeness
  Mathematical logic: QA9.67
Complex compounds
  Animal biochemistry: QP801.C75
  Physical chemistry: QD474
Complex fluids
  Solution fluids: QD549.2.C66
Complex numbers
  Algebra: QA255
Complex salts
  Inorganic chemistry: QD193
Complex variables, Functions of: QA331.7
Complexes
  Algebraic geometry: QA608
Complexity (Philosophy)
  Philosophy of science: Q175.32.C65
Component software
  Computer science: QA76.76.C66
Compositae: QK495.C74
Composite applications
  Computer software: QA76.76.A65
Composite materials
  Atomic physics: QC173.4.C63
Composites
  Superconductors: QC611.98.C63
Composition
  Plants: QK865+
Composition and resolution of forces at a point: QA823
Composition of planets: QB603.C6
Composition of the sun: QB539.C6
Compost
  Microbial degradation: QR135.5.C65
Compound microscopes: QH212.C6
Compound semiconductors
  Semiconductor physics: QC611.8.C64
Compressibility
  Gases: QC163
  Heat physics: QC281.5.C6
  Liquids: QC145.4.C6
  Solid state physics: QC176.8.C6
Compressible fluids
  Descriptive mechanics: QC152.5
CompuServe (Online service): QA76.57.C65
Computability theory
  Constructive mathematics: QA9.59
Computable functions
  Constructive mathematics: QA9.59
Computation laboratories
  Mathematics: QA74
Computation, Natural: QA76.9.N37
Computational complexity
  Machine theory: QA267.7
Computational grids (Computer systems): QA76.9.C58
Computational intelligence
  Artificial intelligence: Q342
Computational learning theory: Q325.7
Computer arithmetic: QA76.9.C62
Computer-assisted instruction
  Calculus: QA303.5.C65
  Differential equations: QA371.35
  Elementary geometry: QA462.2.C65
  Group theory: QA174.62.C65
  Linear and multilinear algebra: QA185.C65
  Mathematical probabilities: QA273.26
  Mathematical statistics: QA276.22
  Mathematics teaching: QA20.C65
  Physical chemistry: QD457.2
Computer-based experiments
  Mathematics teaching: QA20.C65
Computer capacity: QA76.9.C63
Computer games
  Computer software: QA76.76.C672
Computer literacy: QA76.9.C64
Computer logic: QA76.9.L63
Computer models
  Philosophy of science: Q175.32.S5
Computer network resources
  Astronomy: QB14.3
  Biology: QH303.5
  Botany: QK9.4
  Chemistry: QD9.3
  Climatic change: QC902.93

Computer network resources
  Dinosaurs: QE861.35
  Ecology: QH541.185
  Fishes: QL614.75
  Geology: QE48.87
  Mammals: QL701.8
  Mathematics: QA41.6
    Study and teaching: QA11.5
  Meteorology: QC866.5.C67
  Natural history: QH13.4
  Paleontology: QE704.3
  Physics: QC5.4
  Planets: QB600.34
  Science communication: Q224.5
  Science research: Q179.97
  Science study and teaching: Q182.7
  Zoology: QL9.4
Computer organization: QA76.9.C643
Computer programs
  Chemistry: QD39.3.C6
Computer scheduling: QA76.529+
Computer science: QA75.5+
Computer science as a profession: QA76.25
Computer security: QA76.9.A25
Computer simulation: QA76.9.C65
  Animal biochemistry: QP517.M3
  Immunology: QR182.2.C65
  Physical chemistry: QD455.3.C64
Computer software: QA76.75+
Computer software, Free: QA76.76.F75
Computer system failures: QA76.9.F34
Computer systems: QA75.5+
Computer viruses: QA76.76.C68
Computers
  Social aspects: QA76.9.C66
Computers and children: QA76.9.C659
Computers and civilization: QA76.9.C66
Computers and family: QA76.9.F35
Computers and older people: QA76.9.O43
Computers and women: QA76.9.W65
Concave functions
  Analysis: QA353.C64
Conceptual structures
  Information theory: Q387.2
Conchaspididae: QL527.C65
Conchostraca: QL444.B834
  Paleozoology: QE817.C6
Concretions: QE471.15.C58
Condensation
  Organic chemistry: QD281.C7
Condensation nuclei
  Cloud physics: QC921.6.C6
Condensed benzene rings
  Organic chemistry: QD390+
Condensed gases
  Statistical physics: QC175.16.C6
Condensed matter physics: QC173.45+
Conditioned response
  Neurophysiology: QP416
Conducting polymers
  Organic chemistry: QD382.C66
Conduction
  Physics: QC320.8+
Conduction system
  Heart physiology: QP114.C65
Conductivity
  Plasma physics: QC718.5.T7
Conductometric analysis
  Electrochemical analysis: QD116.C65
Confidence intervals
  Mathematical statistics: QA276.74
Configuration management
  Computer software: QA76.76.C69
Configurations
  Algebra: QA166.25+
Confinement of plasma: QC718.5.C65
Confocal fluorescence microscopy: QH224
Confocal microscopy: QH224
Conformal geometry: QA609
Conformal representation
  Differential geometry: QA646
  Mathematics: QA360
Conformal variants
  Atomic physics: QC174.52.C66
Conformational analysis
  Polymers: QD381.9.C64
Confuciusornithiformes
  Paleozoology: QE872.C77
Conger eels: QL638.C66
Congiopodidae: QL638.C655
Conglomerate
  Petrology: QE471.15.C6
Conglutination
  Antigen-antibody reactions: QR187.C65
Congridae: QL638.C66
Congrogadidae: QL638.C666
Congruences
  Algebraic geometry: QA608
Conic sections
  Analytic geometry: QA552
Conics
  Analytic geometry: QA559
  Plane geometry: QA485
Conidae: QL430.5.C75
  Paleozoology: QE809.C52
Conifer sawflies: QL568.D5
Coniferales
  Paleobotany: QE977.2
Coniferophyta
  Paleobotany: QE977+
Coniopterygidae: QL513.C65
Conjugated oligomers
  Organic chemistry: QD382.C665

Conjugated polymers
  Organic chemistry: QD382.C66
Conjugation
  Genetics: QH448.2
Conjunctivitis
  Microbiology: QR201.C6
Connaraceae: QK495.C76
Connective tissues
  Human histology: QM563
  Physiology: QP88.23
Connectivity of graphs: QA166.243
Connexes
  Algebraic geometry: QA608
Connexins
  Animal biochemistry: QP552.C63
Conocardiidae
  Paleozoology: QE812.C6
Conodonts
  Paleozoology: QE899.2.C65
Conopidae: QL537.C65
Conopophagidae: QL696.P2365
Conotylidae: QL449.65.C6
Conscious automata: Q325+
Consciousness
  Animals: QL785.25
  Neurophysiology: QP411
  Physics: QC6.4.C57
Conservation
  Fungi: QK604.2.C66
Conservation biology: QH75+
Conservation laws
  Elementary particle physics: QC793.3.C58
Conservation of energy: QC73.8.C6
Constant of gravitation
  Geodesy: QB341
Constants
  Dielectrics: QC585.7.C6
  Optics: QC368
Constants, Cosmological: QB991.C658
Constellation figures: QB802
Constellations of the zodiac
  Astronomy: QB803
Constitution of antimatter: QC172+
Constitution of matter: QC172+
  Atomic physics: QC170+
Constrained motion
  Particle dynamics: QA853
Constraint databases: QA76.9.C67
Constraint programming
  Digital computers: QA76.612
Constraints
  Artificial intelligence: Q340
  Physics: QC6.4.C58
Constructive mathematics: QA9.56+
Constructive realism
  Philosophy of science: Q175.32.C66
Contact geometry: QA665
Contaminated sediments
  Effect on plants and animals: QH545.C59
Continental crust
  Geology: QE511
Continental drift
  Geology: QE511.5
Continentality
  Meteorology: QC981.8.C65
Continuity
  Physics: QC6.4.C6
Continuity of state
  Physics: QC307
Continuous cell lines
  Cytology: QH585.45
Continuous culture
  Microbiology: QR66.4
Continuous groups (of transformations): QA385+
Continuum
  Physics: QC6.4.C6
Continuum mechanics: QA808.2
Contraction
  Cells: QH646
Contractions
  Topology: QA611.29
Control mechanisms
  Cytology: QH604+
  Endocrine gland cells: QP187.3.C44
Control of weeds
  Effect on plants and animals: QH545.W43
Control systems
  Biology: QH508
Control theory
  System analysis: QA402.3+
Controlled fusion
  Astrophysics: QB466.C66
  Nuclear physics: QC791.7+
Conulata
  Paleozoology: QE780
Convection
  Cloud physics: QC921.6.C65
  Meteorology: QC880.4.C64
  Physics: QC326+
Convergence
  Biology: QH373
  Meteorology: QC880.4.D5
Conversion
  Genetics: QH447.5
Conversion of computer systems: QA76.9.C68
Convex geometry: QA639.5+
Convex polyhedra: QA640.3
Convex polytopes: QA640.3
Convex sets: QA640
Convexity spaces: QA640.5
Convolvulaceae: QK495.C78
Cookeite
  Mineralogy: QE391.C84
Cookies (Computer science): QA76.9.C72

Cool stars: QB843.C6
Cooperative binding
  Animal biochemistry: QP517.C66
Cooperative games
  Algebra: QA272.4
Coordinates
  Analytic geometry: QA556
  Astronomy: QB147
Coordination compounds
  Photochemistry: QD730.C65
  Physical chemistry: QD474
  Spectra: QC463.C78
Coordination polymers
  Organic chemistry: QD382.C67
Coots (Birds): QL696.G876
Copepoda: QL444.C7+
  Paleozoology: QE817.C7
Copernicium
  Chemical element: Q1 .C57
Copper
  Chemical element: Q1 .C9
  Effect on plants: QK753.C74
  Effect on plants and animals: QH545.C6
  Superconductors: QC611.98.C64
Copper alloys
  Analytical chemistry: QD137.C6
Copper chlorides
  Effect on plants: QK753.C743
Copper ores
  Mineralogy: QE390.2.C6
Copper proteins
  Animal biochemistry: QP552.C64
Coprolites
  Paleozoology: QE899.2.C67
Copulatory organs
  Anatomy: QL876+
Coraciidae: QL696.C73
Coraciiformes: QL696.C7+
  Paleozoology: QE872.C8
Coracinidae: QL638.C7
Coral fisheries
  Effect on plants and animals: QH545.C64
Coral islands
  Geology: QE565+
Coral pipe snakes: QL666.O625
Coral reef ecology: QH541.5.C7
Coral reefs
  Aquatic biology: QH95.8
  Ecology: QH541.5.C7
  Geology: QE565+
  Zoology: QL125
Coral snakes: QL666.O64
Coralbilled nuthatches: QL696.P2474
Corallinaceae: QK569.C8
Corals: QL377.C5+
  Paleozoology: QE778
Corbiculidae: QL430.7.C67
Corbulidae: QL430.7.C69
Cord, Spinal
  Neurophysiology: QP371
Cordaitales
  Paleobotany: QE978
Cordulegastridae: QL520.3.C67
Corduliidae: QL520.3.C68
Cordylidae: QL666.L234
Cordyluridae: QL537.C673
Core
  Earth interior: QE509.2
Core-mantle boundary
  Earth interior: QE509.3
Coreidae: QL523.C67
Corethridae: QL537.C43
Coriariaceae: QK495.C783
Corimelaenidae: QL523.C7
Corinnidae: QL458.42.C67
Coriolaceae: QK629.C783
Coriolis force: QC880.4.C65
Corixidae: QL523.C75
Corkwood
  Botany: QK495.L524
Cormorants
  Zoology: QL696.P4745
Corn
  Experimental genetics: QH470.C64
Corn oil
  Microbiology: QR129.C6
Cornaceae: QK495.C785
Cornea
  Neurophysiology: QP477.8
Cornetfishes: QL638.F5
Corolla (Flowers): QK657
Corona, Electric: QC642.5+
Corona, Solar: QB529+
Coronal holes
  Solar: QB529.5
Coronary system
  Physiology: QP108
Coronaviruses
  Virology: QR399
Corotating interaction regions, Solar: QB529.6
Corprinus
  Experimental genetics: QH470.C6
Corpus callosum
  Neurophysiology: QP382.2
Corpus striatum
  Neurophysiology: QP383.9
Corpuscular theory of light: QC402
Correction and reduction of observations
  Astronomy: QB151+
Correction for movement of earth and equinoxes
  Astronomy: QB161+
Correlation
  Algebraic configurations: QA601+
  Mathematical physics: QC20.7.C6

Correlation analysis
  Mathematical statistics: QA278.2
Correlation of forces: QC73.8.C65
Correspondence analysis
  Mathematical statistics: QA278.5
Correspondence principle (Quantum mechanics): QC174.17.C65
Correspondence, Scientific: Q227
Correspondences for algebraic configurations: QA601+
Corridors
  Ecology: QH541.15.C67
Corrodentia
  Zoology: QL515+
Corsiaceae: QK495.C786
Cortex
  Neurophysiology: QP383+
Corticiaceae: QK629.C785
Corticosteroids
  Animal biochemistry: QP752.C6
Corticosterone
  Animal biochemistry: QP572.C6
Corticotropin releasing hormone
  Animal biochemistry: QP572.C62
Cortinariaceae: QK629.C787
Cortisone
  Animal biochemistry: QP572.C65
Corundum
  Mineralogy: QE391.C9
Corvidae: QL696.P2367
Corydalidae
  Zoology: QL514.7.C67
Corydiidae: QL505.7.C6
Corylophidae: QL596.C667
Corynebacteriaceae: QR82.C6
Corynetidae: QL596.C67
Corynexochida: QE823.C6
Corynocarpaceae: QK495.C787
Corynoscelidae: QL537.C69
Coryphaenidae: QL638.C795
Coryphaenoididae: QL638.M2
Corytophanidae: QL666.L236
Cosmetics
  Microbiology: QR53.5.C76
Cosmetidae: QL458.52.C6
Cosmic abundance: QB450.5
Cosmic background radiation: QB991.C64
Cosmic dust: QB791
Cosmic grains: QB791.2
Cosmic magnetic fields: QB462.8
Cosmic noise
  Geophysics: QC809.C6
Cosmic physics: QC801+
Cosmic ray physics: QC484.8+
Cosmic rays
  Elementary particle physics: QC793.3.C6
Cosmic relations
  Meteorology: QC883+
Cosmic ripples: QB991.C64
Cosmic rotation: QB991.C65
Cosmochemistry: QB450+
Cosmochronology: QB466.C67
Cosmogony: QB980+
Cosmogony, Geological: QE506
Cosmological constants: QB991.C658
Cosmological distances: QB991.C66
Cosmology: QB980+
Cosmopterigidae: QL561.C59
Cossidae: QL561.C6
Cossyphodidae: QL596.C68
Cost in scientific research: Q180.55.C6
Costs
  Computer software: QA76.76.C73
Cotingas: QL696.P2368
Cotingidae: QL696.P2368
Cottidae: QL638.C8
Cottocomephoridae: QL638.C816
Cottunculidae: QL638.C818
Cotylosauria
  Paleozoology: QE862.C7
Cough
  Physiology: QP123.5
Coulees
  Ecology: QH541.5.C73
Coulomb potential: QC174.17.C67
Countercurrent chromatography
  Animal biochemistry: QP519.9.C68
Counterglow: QB761
Counters, Nuclear
  Nuclear physics: QC787.C6
Counting
  Arithmetic: QA113
  Virology: QR388
Counting and measuring
  Marine biology: QH91.57.C68
Coupled problems
  Mathematical physics: QC20.7.C63
Coupling constants
  Elementary particle physics: QC793.3.C67
Coursers: QL696.C448
Covariance, Analysis of: QA279+
Covering
  Algebra: QA166.7
Cow sharks: QL638.95.H48
Cowries: QL430.5.C94
Coxsackievirus infections
  Microbiology: QR201.C65
Coyotes
  Anecdotes and stories: QL795.C6
Coypu: QL737.R668
Crab Nebula: QB855.9.C7
Crabplovers: QL696.C44
Crabronidae: QL568.C7
Crabs
  Anecdotes and stories: QL795.C65

Crabs
  Zoology: QL444.M33
Cracidae: QL696.G23
Cracillariidae: QL561.G7
Crambidae: QL561.C73
Cranchiidae: QL430.3.C72
Craneflies: QL537.T6
Cranes (Birds): QL696.G84
Cranial nerves
  Human anatomy: QM471
  Neurophysiology: QP366
Craniidae: QL395.8.C7
Cranoglanididae: QL638.C83
Craseonycteridae: QL737.C513
Craspedosomidae: QL449.65.C72
Crassatellidae: QL430.7.C8
Crassulaceae: QK495.C79
Cratering of planets: QB603.C7
Craterostigmidae: QL449.55.C7
Craters, Impact
  Geology: QE612+
Craters, Meteorite: QB754.8+
Cratons
  Geology: QE511
Creatine
  Animal biochemistry: QP801.C8
  Microbial metabolism: QR92.C74
Creatine kinase
  Animal biochemistry: QP606.C73
Creatinine
  Animal biochemistry: QP801.C8
Creative ability in science: Q172.5.C74
Creediidae: QL638.C84
Creepers (Birds): QL696.P23
Creeping waterbugs: QL523.N4
Cremona transformations: QA602
Creodonta
  Paleozoology: QE882.C9
Creosote-bush
  Botany: QK495.Z9
Crepe myrtle
  Botany: QK495.L9
Crepidotaceae: QK629.C83
Crested swifts: QL696.A554
Crestfishes: QL638.L77
Cretaceous
  Paleobotany: QE924
  Paleontology: QE734
  Stratigraphy: QE685+
Cretaceous-Tertiary boundary: QE734.5
  Stratigraphy: QE689
Crickets
  Zoology: QL508.G8
Crinoidea: QL384.C8
  Paleozoology: QE782
Crinozoa
  Paleozoology: QE782
Crioceridae: QL596.C7
Critical opalescence: QC427.8.C7
Critical periods
  Animal behavior: QL763.2
Critical phenomena
  Atomic physics: QC173.4.C74
Critical point
  Physics: QC307
Critical point theory
  Topology: QA614.7
Critical scattering: QC427.8.C73
Critical state
  Physics: QC307
Crocodiles
  Anecdotes and stories: QL795.C67
  Zoology: QL666.C925
Crocodilians: QL666.C9+
Crocodylia: QL666.C9+
  Paleozoology: QE862.C8
Crocydylidae: QL666.C925
Cronartiaceae: QK627.C75
Cross section of interactions
  Nuclear interactions: QC794.6.C7
Crossing over
  Genetics: QH445+
Crosslinked polymers
  Organic chemistry: QD382.P67
Crossocarpaceae: QK569.C86
Crossopterygii
  Paleozoology: QE852.C7
Crossosomataceae: QK495.C797
Crosswinds
  Meteorology: QC939.C76
Crotalidae: QL666.O69
Crotaphytidae: QL666.L237
Croton oil
  Animal biochemistry: QP752.C7
Crowberry
  Botany: QK495.E44
Crowdsourcing
  Computer science: QA76.9.H84
Crown ethers
  Animal biochemistry: QP801.C83
Crows
  Zoology: QL696.P2367
Cruciferae: QK495.C9
Cruise ships
  Effect on plants and animals: QH545.C78
Crust
  Earth: QE511
Crustacea
  Paleozoology: QE816+
  Zoology: QL435+
Crusts, Planetary: QB603.C78
Cryobiochemistry
  Animal biochemistry: QP517.C78

Cryobiology
  Biological research: QH324.9.C7
Cryomicroscopy: QH225
Cryopedology
  Geology: QE573
Cryopreservation
  Microbiology: QR69.C79
Cryosphere
  Meteorology: QC880.4.C79
Crypteroniaceae: QK495.C93
Cryptobasidiaceae: QK627.4
Cryptobasidiales: QK627.4
Cryptobiosis
  Biology: QH524
Cryptobranchidae: QL668.C24
Cryptocephalidae: QL596.C77
Cryptocercidae: QL505.7.C7
Cryptochaetidae: QL537.C7
Cryptoclimatology: QC981.7.C7
Cryptococcaceae: QK625.C76
Cryptodesmidae: QL449.65.C79
Cryptoexplosion structures
  Geology: QE613+
Cryptogams
  Botany: QK504+
  Reproductive organs: QK662
Cryptography
  Machine theory
    Algebra: QA268
Cryptomonadida: QL368.C8
Cryptomycocolacaceae: QK627.45
Cryptomycocolacales: QK627.45
Cryptonemiaceae: QK569.C95
Cryptophagidae: QL596.C78
Cryptopidae: QL449.55.C78
Cryptostomata
  Paleozoology: QE799.C7
Cryptozoology: QL88.3+, QL88.3
Crystal defects: QD921+
Crystal dislocations: QD921+
Crystal growth: QD921+
Crystal lattices: QD921+
Crystal rotation: QD941
Crystal structure: QD921+
Crystalline interfaces
  Condensed matter physics: QC173.458.C78
Crystalline polymers
  Organic chemistry: QD382.C78
Crystallization
  Physical chemistry: QD548
Crystallographers: QD903.5+
Crystallography
  Chemistry: QD901+
CSP (Computer program language): QA76.73.C75
Ctenidae: QL458.42.C8
Ctenizidae: QL458.42.C83
Ctenodactylidae: QL737.R64
Ctenoluciidae: QL638.C88
Ctenomyidae: QL737.R642
Ctenophora
  Paleozoology: QE780.5
  Zoology: QL380+
Ctenostomata: QL398.C8
  Paleozoology: QE799.C8
Ctenostomatida: QL368.O4
Ctenuchidae: QL561.C8
Cubature formulas
  Numerical analysis: QA299.4.C83
Cube root: QA119
  Tables: QA49
Cubic curves: QA567.2.C82
Cubic equations: QA215
Cubic surfaces: QA573
Cuckoo rollers: QL696.C74
Cuckoo shrikes: QL696.P225
Cuckoo wasps: QL568.C47
Cuckoos
  Zoology: QL696.C83
Cucujidae: QL596.C8
Cuculidae: QL696.C83
Cuculiformes: QL696.C8+
  Paleozoology: QE872.C9
Cucurbitaceae: QK495.C96
Cuisenaire rods
  Mathematics teaching aid: QA19.C8
Culicidae
  Zoology: QL536
Culture collections
  Virology: QR383
Culture media
  Microbiology: QR66.3
Culture technique
  Microbiology: QR66+
  Virology: QR386
Cumacea: QL444.M328
Cumulonimbus clouds: QC921.43.C78
Cumulus clouds: QC921.43.C8
Cunaxidae: QL458.2.C8
Cunoniaceae: QK495.C965
Cupidae: QL596.C85
Cupressaceae: QK494.5.C975
Cuprodescloizite
  Mineralogy: QE391.C94
Cuprum
  Chemical element: Q1 .C9
Curassows: QL696.G23
Curculionidae: QL596.C9
Curie, Marie: QD22.C8
Curie, Pierre: QD22.C8
Curimatidae: QL638.C89
Curiosa
  Science: Q173
Curium
  Chemical element: Q1 .C55

Curl (Computer program language): QA76.73.C87
Currawongs: QL696.P216
Current balance: QC544.C8
Current measurements
  Physics: QC615
Curvature
  Infinitesimal geometry: QA624
  Surfaces: QA634
Curvature cosmology: QB991.C87
Curve fitting
  Numerical analysis: QA297.6
Curves
  Geometry: QA559.5
  Plane geometry: QA483
Curves, Infinitesimal geometry of: QA621+
Curves of double curvature: QA581
Curves of surfaces
  Differential geometry: QA643
Cuscutaceae: QK495.C967
Cusk eels: QL638.O637
Cutaneous senses
  Physiology: QP450+
Cuterebridae: QL537.C8
Cutlassfishes: QL638.T7
Cuvier
  Zoology: QL31.C9
CW complexes
  Topology: QA611.35
Cyanastraceae: QK495.C97
Cyanidiaceae: QK569.C956
Cyanobacteria
  Microbiology: QR99.6+
Cyanobacterial
  Animal biochemistry: QP632.C87
Cyanobacterial blooms: QR99.69.B55
Cyanocobalamine
  Animal biochemistry: QP772.C9
Cyanogen derivatives
  Aliphatic compounds: QD305.N7
  Aromatic compounds: QD341.N7
Cyanophyta: QR99.6+
Cyatheaceae: QK524.C9
Cyathoceridae: QL596.C93
Cyatholipidae: QL458.42.C93
Cyberinfrastructure: QA76.9.C92
Cybernetics: Q300+
Cybocephalidae: QL596.C933
Cycadaceae: QK494.5.C995
Cycadales
  Paleobotany: QE976.2
Cycadeoidales
  Paleobotany: QE976.3
Cycadophyta
  Paleobotany: QE976+
Cyclanthaceae: QK495.C975
Cyclarhidae: QL696.P239
Cycles
  Graph theory: QA166.22
  Science: Q176
Cycles, Solar: QB526.C9
Cyclic adenylic acid
  Animal biochemistry: QP801.C86
Cyclic compounds
  Inorganic chemistry: QD197
Cyclic nucleotide phosphodiesterases
  Animal biochemistry: QP609.C92
Cyclic universe theory
  Cosmology: QB991.C92
Cyclin-dependent kinases
  Animal biochemistry: QP609.C93
Cycling, All terrain
  Effect on plants and animals: QH545.A42
Cyclitols
  Animal biochemistry: QP702.C8
Cyclones
  Meteorology: QC940.6+
Cyclophoridae: QL430.5.C82
Cyclopoida: QL444.C73
Cyclopteridaee: QL638.C9
Cyclostomata: QL398.C9
  Paleozoology: QE799.C9
Cyclostomatidae: QL430.5.P63
Cyclostomidae: QL430.5.P63
Cyclostratigraphy: QE651.5
Cycloteuthidae: QL430.3.C9
Cyclotomy
  Number theory: QA245
Cyclotornidae: QL561.C9
Cyclotron waves
  Plasma physics: QC718.5.C9
Cyclotrons
  Nuclear physics: QC787.C8
Cycochrome b
  Animal biochemistry: QP671.C78
Cycochrome c
  Animal biochemistry: QP671.C8
Cycochrome P-450
  Animal biochemistry: QP671.C83
Cycochromes
  Animal biochemistry: QP671.C85
Cydippida: QL380.5.T429
Cydnidae (Burrower bugs): QL523.C9
Cyemidae: QL638.C914
Cygnus A
  Radio astronomy: QB479.55.C93
Cyladidae: QL596.C94
Cylindrachetidae: QL508.C9
Cylindrellidae: QL430.5.U68
Cylindrical bark beetles: QL596.C66
Cylindrococcidae: QL527.C9
Cylindrophiidae: QL666.O638
Cylindrotomidae: QL537.C9
Cymatiidae: QL430.5.R35

Cymnoascaceae: QK623.G94
Cymodoceaceae: QK495.C979
Cynipidae: QL568.C9
Cynocephalidae: QL737.D4
Cynodontidae: QL638.C92
Cynoglossidae: QL638.C93
Cynomoriaceae: QK495.C98
Cynurenic acid
  Animal biochemistry: QP801.K8
Cyperaceae: QK495.C997
Cyphellaceae: QK629.C95
Cypraeidae: QL430.5.C94
  Paleozoology: QE809.C9
Cypress swamps
  Ecology: QH541.5.C95
Cypricardiacea
  Paleozoology: QE812.T34
Cyprinidae: QL638.C94
Cypriniformes: QL637.9.C9
  Paleozoology: QE852.C95
Cyprinodontidae: QL638.C96
Cyprinodontiformes: QL637.9.C95
Cypseliformes: QL696.A55+
Cyrenidae: QL430.7.C67
Cyrillaceae: QK495.C9973
Cyrtinidae
  Paleozoology: QE797.C95
Cysteine proteinases
  Animal biochemistry: QP609.C94
Cystine
  Animal biochemistry: QP562.C9
Cystitis
  Microbiology: QR201.C9
Cystobacteraceae: QR82.C88
Cystofilobasidiaceae: QK629.C97
Cystofilobasidiales: QK629.C97
Cystoidea
  Paleozoology: QE783.C9
Cystoseiraceae: QK569.C97
Cytochalasins
  Animal biochemistry: QP632.C9
Cytochrome c reductase
  Animal biochemistry: QP603.R4
Cytochrome oxidase
  Animal biochemistry: QP603.C85
Cytochrome peroxidase
  Animal biochemistry: QP603.C9
Cytochromes
  Animal biochemistry: QP552.C94
Cytoditidae: QL458.2.C9
Cytofluorometry
  Cytology: QH585.5.C98
Cytogenetics
  Biology: QH441.5
  Plants: QK981.35
Cytokines: QR185.8.C95
Cytokinins
  Plant constituent: QK898.C94
Cytology
  Algae: QK565+
  Arthropoda: QL434.715
  Biology: QH573+
  Fungi: QK601
  Insects: QL494.8
  Invertebrates: QL363.8
  Mammals: QL739.15
Cytomegalovirus infections
  Microbiology: QR201.C94
Cytophagaceae: QR82.C9
Cytophotometry
  Cytology: QH585.5.C984
Cytoplasm
  Cytology: QH591
Cytoplasmic filaments
  Cytology: QH603.C95
Cytoplasmic inheritance
  Genetics: QH452
Cytoskeletal proteins
  Animal biochemistry: QP552.C96
Cytoskeleton
  Cytology: QH603.C96

D

d-band metals
  Superconductors: QC611.98.D33
D (Computer program language): QA76.73.D138, QA76.73.D14
D region
  Meteorology: QC881.2.D2
Dacrymycetaceae: QK629.D2
Dacryoconarida
  Paleozoology: QE899.2.D32
Dactylopiidae: QL527.D3
Dactylopteridae: QL638.D3
Dactylopteriformes: QL637.9.D3
Dactyloscopidae: QL638.D35
Daesiidae: QL458.82.D3
Daggertooths: QL638.A57
Dairy products
  Microbiology: QR121
  Nutrition: QP144.M54
Dalatiidae: QL638.95.D3
Dalceridae: QL561.D25
Damping
  Electric waves: QC665.D3
  Sound waves: QC243.3.D3
Damping rings
  Nuclear and physics: QC787.D35
Dams
  Effect on plants and animals: QH545.D35
Damsel bugs: QL523.N3
Damselfishes: QL638.P77

Danaidae: QL561.D3
Danceflies: QL537.E4
Dancing
  Physiology: QP310.D35
Dangerous animals
  Zoology: QL100+
Dangerous arthropods: QL434.45
Dangerous birds
  Zoology: QL677.75
Dangerous fishes: QL618.7
Dangerous insects
  Zoology: QL468.8
Dangerous reptiles: QL645.7
Danysz phenomenon
  Antigen-antibody reactions: QR187.D3
Daphniphyllaceae: QK495.D325
Dark matter: QB791.3
Darkling beetles: QL596.T2
Darners: QL520.3.A4
D'Arrest comet: QB723.D37
Dart (Computer program language): QA76.73.D23
Darters
  Zoology: QL638.P4
Darwin, Charles
  Biography: QH31.D2
  Works: QH365.A1+
Dascyllidae: QL596.D37
Dasyaceae: QK569.D3
Dasyatidae: QL638.85.D3
Dasycladaceae: QK569.D33
  Paleontology: QE955
Dasycladales: QK569.D34
Dasyonygidae: QL540.3.D3
Dasypodidae: QL737.E23
Dasyproctidae: QL737.R644
Dasytidae: QL596.D375
Dasyuridae: QL737.M33
Dasyuromorphia: QL737.M325+
  Paleozoology: QE882.M32
Data analysis, Quantitative
  Computer science: QA76.9.Q36
Data compression
  Computer science: QA76.9.D33
Data encryption
  Computer science: QA76.9.D335
Data entry
  Computer science: QA76.9.D337
Data logging
  Computer science: QA76.9.D3385
Data marts
  Computer science: QA76.9.D34
Data mining
  Biological research: QH324.27
  Computer science: QA76.9.D343
Data preparation
  Computer science: QA76.9.D345
Data processing: QA75.5+
Data processing
  Analytic geometry: QA551.5
  Analytical chemistry: QD75.4.E4
  Animal behavior: QL751.65.D37
  Artificial intelligence: Q336
  Astronomy: QB51.3.E43
  Astrophysics: QB462.2
  Biological research: QH324.2+
  Calculus: QA303.5.D37
  Chemistry: QD39.3.E46
  Crystallography: QD906.7.E4
  Cytology: QH585.5.D38
  Differential equations: QA371.5.D37
  Electrochemistry: QD555.6.E4
  Electromagnetism: QC760.54
  Endocrine glands: QP187.3.D38
  Galaxies: QB857.5.D37
  Genetics: QH441.2
  Geochemistry: QE515.5.D37
  Geodesy: QB297
  Geology: QE48.8
  Geometry: QA448.D38
  Gravity observations: QB336
  Group theory: QA174.7.D36
  Heat transfer: QC320.22.E43
  Linear algebra: QA185.D37
  Mammals: QL706.5.D38
  Marine biology: QH91.57.E4
  Mathematical statistics: QA276.4+
  Microbiology: QR69.D35
  Mineralogy: QE364.2.E4
  Multilinear algebra: QA185.D37
  Natural history (General): QH60.2
  Neurophysiology: QP357.5
  Nuclear chemistry: QD602.5.E4
  Organic chemistry: QD255.5.E4
  Paleontology: QE721.2.D37
  Physical chemistry: QD455.3.E4
  Physiology: QP33.6.D38
  Planets: QB602.95
  Polymers: QD381.9.E4
  Quantum chemistry: QD462.6.D38
  Rain and rainfall: QC926.2
  Science: Q183.9
  Seismology: QE539.2.D36
  Spectroscopy: QC452
  Stratigraphy: QE652
  Structural geography: QE601.3.D37
  Thermodynamics: QC311.29
Data recovery
  Computer science: QA76.9.D348
Data structures
  Computer science: QA76.9.D35
Data summaries
  Atmospheric pressure: QC885.4+
Data warehousing
  Computer science: QA76.9.D37

Database design: QA76.9.D26
Database management: QA76.9.D3
Database security: QA76.9.D314
Databases: QA76.9.D32
  Biology: QH303.15+
Dating
  Radioactive substances: QC798.D3
Datiscaceae: QK495.D33
Datolite
  Mineralogy: QE391.D3
Daubentoniidae: QL737.P935
Davidiaceae: QK495.D34
Davidsoniaceae: QK495.D35
Dawn chorus
  Radio meteorology: QC973.4.C4
Daylily: QK495.H38
Dead animals
  Zoology: QL87.5
Death
  Biology: QH530
  Cells: QH671
  Developmental physiology: QP87
Debugging in computer science: QA76.9.D43
Decapoda: QL444.M33
  Paleozoology: QE817.D3
Decay
  Elementary particle physics: QC793.3.D4
  Nuclear interactions: QC794.6.R3
  Radioactive substances: QC795.8.D4
Decidability
  Mathematical logic: QA9.65
Decimal system: QA141.35
Decision theory
  Mathematical statistics: QA279.4+
Declarative programming
  Digital computers: QA76.615
Decompilers: QA76.76.D57
Decomposition method
  Mathematical physics: QC20.7.D4
  System analysis: QA402.2
Decremeters: QC667+
Deductive systems
  Mathematical logic: QA9.65+
Deep-sea biology
  Marine biology: QH91.8.D44
Deep-sea zone
  Ecology: QH541.5.D35
Deep-sea zoology: QL125.5
Deepsea smelts: QL638.B25
Deepwater cardinalfishes: QL638.E62
Deer
  Anecdotes and stories: QL795.D3
  Zoology: QL737.U55
Deerflies: QL537.T25
Default reasoning
  Artificial intelligence: Q339
Defects
  Condensed matter physics: QC173.458.D43
  Semiconductor physics: QC611.6.D4
  Solid state physics: QC176.8.D44
Defects in crystals: QD921+
Defense mechanisms
  Animals: QL759
Deformable bodies, Mechanics of
  Analytic mechanics: QA901+
Deformation
  Geology: QE604
Deformation of matter and antimatter: QC193
Deformation of surfaces
  Differential geometry: QA648
Deformations of structures
  Topology: QA614.97
Degenerate differential equations: QA377.5
Degeneration
  Biology: QH528
  Plants: QK987
Degeneriaceae: QK495.D4
Deglutition
  Physiology: QP148
Degree of freedom
  Atomic physics: QC174.52.D43
  Elementary particle physics: QC793.3.D43
Dehydrogenases
  Animal biochemistry: QP603.D4
Dehydrogenation
  Organic chemistry: QD281.D4
Deicing chemicals
  Effect on plants and animals: QH545.D4
Deinococcaceae: QR82.D37
Deinopidae: QL458.42.D55
Delavan comet: QB723.D45
Delayed neutrons
  Elementary particle physics: QC793.5.D42+
Delayed protons
  Elementary particle physics: QC793.5.D442+
Delesseriaceae: QK569.D4
Deletion
  Chromosomal mutation: QH462.D4
Delphacidae: QL527.D44
DELPHI (Videotex system): QA76.57.D44
Delphinidae: QL737.C432
Delsalination plants
  Effect on plants and animals: QH545.S33
Delta Scuti stars: QB843.D44
Deltatheridia
  Paleozoology: QE882.D4
Delthyrididae
  Paleozoology: QE797.D3
Deluge
  Geology: QE507
Dematiaceae: QK625.D4
Demodicidae: QL458.2.D45
Demospongiae: QL373.D4

Dendritic cells: QR185.8.D45
Dendrobatidae: QL668.E233
Dendroclimatology
  Paleoclimatology: QC884.2.D4
Dendrocolaptidae: QL696.P24
Denitrification
  Microbial ecology: QR100.8.D46
Denitrifying bacteria
  Microbial ecology: QR100.8.D46
Denning comet: QB723.D5
Dennstaedtiaceae: QK524.D5
Dense plasma focus
  Plasma physics: QC718.5.D38
Densitometers: QC391
Densitometry
  Optical measurements: QC367.3.D46
Density
  Measurement: QC111+
  Plasma physics: QC718.5.D4
Density functionals
  Inorganic chemistry: QD152.5.D46
  Mathematical physics: QC20.7.D43
  Quantum chemistry: QD462.6.D45
Density gradient centrifugation
  Analytical biochemistry: QP519.9.D45
  Biological research: QH324.9.D46
Density matrices
  Quantum chemistry: QD462.6.D46
  Quantum mechanics: QC174.17.D44
Dental microbiology: QR47
Dentata nucleus
  Anatomy: QL938.D44
Denticipitidae: QL638.D4
Deoxy sugars
  Animal biochemistry: QP702.D38
Deoxyribonucleases
  Animal biochemistry: QP609.D4
Deoxyribonucleate nucleotidyltransferases
  Animal biochemistry: QP606.D46
Deoxyribonucleic acid
  Microbial metabolism: QR92.D45
  Plant constituent: QK898.D44
Deoxyribonucleic acids
  Animal biochemistry: QP624+
  Organic chemistry: QD435
Deoxyribose
  Animal biochemistry: QP702.D4
Dependoviruses
  Virology: QR408.2.D47
Deposition
  Geology: QE571+
Depsides
  Plant constituent: QK898.D46
Derbidae: QL527.D47
Derichthyidae: QL638.D47
Derivatives
  Proteins, peptides, amino acids, etc.: QD431.25.D47
Dermanyssidae: QL458.2.D47
Dermaptera
  Paleozoology: QE832.D47
  Zoology: QL510+
Dermateaceae: QK623.D47
Dermatemydidae: QL666.C54
Dermatophilaceae: QR82.D4
Dermestidae: QL596.D4
Dermochelyidae: QL666.C546
Dermoglyphidae: QL458.2.D475
Dermoptera: QL737.D35+
Derodontidae: QL596.D42
Description logics
  Information theory: Q387.3
Descriptive astronomy: QB494.2+
Descriptive geometry: QA501+
Descriptive mechanics
  Physics: QC120+
Descriptive mineralogy: QE372+
Desert climatology: QC993.7
Desert dormice: QL737.R682
Desert ecology: QH541.5.D4
Desert meteorology: QC993.7
Desert plants
  Plant ecology: QK922
Deserts
  Biogeography: QH88
  Ecology: QH541.5.D4
  Plant ecology: QK938.D4
  Zoology: QL116
Desfontainiaceae: QK495.D42
Desidae: QL458.42.D44
Design
  Algebra: QA166.25+
Desmerestiaceae: QK569.D43
Desmidiaceae: QK569.D46
Desmidiales: QK569.Z82
Desmodontidae: QL737.C52
Desmostylia
  Paleozoology: QE882.D45
Desmothoracida: QL368.D4
Detergents
  Effect on plants: QK753.D4
Deterioration
  Polymers: QD381.9.D47
Determinants
  Mathematical physics: QC20.7.D45
  Matrices: QA191
Determination, Environmental sex
  Physiology: QP278.53
Determination, Genetic sex
  Physiology: QP278.5
Determination of the ecliptic
  Spherical astronomy: QB171
Determination, Sex
  Physiology: QP278.5

Determination, Temperature-dependent sex
  Physiology: QP278.53
Determinative mineralogy: QE367+
Determinism (Physics): QC6.4.D46
Detonation waves (Gas dynamics): QC168.85.D46
Deuteron magnetic resonance spectroscopy
  Analytical chemistry: QD96.D48
Deuterons
  Elementary particle physics: QC793.5.D482+
Deuterophlebiidae: QL537.D47
Development
  Biology: QH491+
  Computer software: QA76.76.D47
  Fishes: QL639.25
  Insects: QL495.5
  Invertebrates: QL364.18
  Microbiology: QR73.4
  Plant physiology: QK731+
Developmental behavior
  Animals: QL763+
Developmental endocrinology: QP187.6
Developmental genetics: QH453
Developmental immunology: QR184.5
Developmental neurobiology
  Physiology: QP363.5
Developmental neurophysiology: QP356.25
Developmental physiology: QP83.8+
Deviation of the magnetic compass: QC849
Device drivers
  Computer software: QA76.76.D49
Devil's claw
  Botany: QK495.M287
Devonian
  Paleobotany: QE918
  Paleontology: QE728
  Stratigraphy: QE665
Dew formation
  Meteorology: QC929.D5
Dew plants
  Plant ecology: QK916
Dexiidae: QL537.D48
Dextranase
  Animal biochemistry: QP609.D48
Diabase: QE462.D5
Diadocidiidae: QL537.D52
Diadromy
  Fishes: QL639.5
Diagnostic bacteriology: QR67.2
Diagnostic mycology
  Microbiology: QR248
Diagnostic parasitology
  Microbiology: QR255
Diagnostic technique
  Microbiology: QR67+
  Virology: QR387
Diagnostics
  Plasma physics: QC718.5.D5
Diagrams
  Mathematics teaching aid: QA19.C45
Dialectical materialism
  Philosophy of science: Q175.32.D52
Dialectical materialism (Physics): QC6.4.D5
Dialogue
  Philosophy of science: Q175.32.D53
Dialypetalanthaceae: QK495.D43
Dialysis
  Organic chemistry: QD281.D47
Diamagnetism
  Physics: QC764
Diameter of the sun: QB523
Diameters, Stellar: QB818
Diamino amino acids: QP562.D53
Diamondback moths: QL561.P55
Diamonds
  Mineralogy: QE393
Diamonds in optical instruments: QC374.5
Diapensiaceae: QK495.D435
Diaperasticidae: QL510.3.D5
Diaphragm
  Anatomy: QL851
  Human anatomy: QM265
Diaporthales: QK623.D55
Diapriidae: QL568.D44
Diarrhea
  Microbiology: QR201.D4
Diarrhea, Viral
  Microbiology: QR201.V53
Diaspididae: QL527.D5
Diastase
  Animal biochemistry: QP609.A45
  Phytochemistry: QK896
Diastatidae: QL537.D53
Diastole
  Heart physiology: QP114.D5
Diastomatidae: QL430.5.D43
Diatomophyceae: QK569.D54
Diatoms: QK569.D54
  Paleontology: QE955
Diazinon
  Effect on plants and animals: QH545.D486
Diazo compounds
  Aliphatic compounds: QD305.A9
  Aromatic compounds: QD341.A9
Dibamidae: QL666.L238
Dibranchiata
  Paleozoology: QE807.D5
Dicaeidae: QL696.P242
Dicamptodontidae: QL668.C243
Diceratidae
  Paleozoology: QE812.D5
Diceratiidae: QL638.D5
Dichapetalaceae: QK495.D44
Dichloromethane
  Effect on plants and animals: QH545.D5

Dichlorophenoxyacetic acid
  Effect on plants: QK753.D5
Dichroism: QC446.D5
Dicksoniaceae: QK524.D55
Dicotyledons: QK495.A12
  Paleobotany: QE983
Dicranaceae: QK539.D5
Dicroglossidae: QL668.E234
Dicruridae: QL696.P2427
Dictynidae: QL458.42.D5
Dictyopharidae: QL527.D53
Dictyosteliaceae: QK635.D5
Dictyosteliales: QK635.D53
Dicyrtomidae: QL503.D5
Didelphidae: QL737.M34
Didelphimorphia: QL737.M337+
  Paleozoology: QE882.M33
Didiereaceae: QK495.D45
Didymelaceae: QK495.D46
Didymium
  Chemical element: Q1 .P7
Diel vertical migration
  Fishes: QL639.6
Dielasmatidae
  Paleozoology: QE797.D5
Dielectric heating: QC585.7.H4
Dielectric loss: QC585.7.L6
Dielectrics: QC584+
Dielectrophoresis: QC585.7.D5
Diencephalon
  Anatomy: QL938.D53
Diffeomorphisms
  Differential topology: QA613.65
Difference equations
  Analysis: QA431
  Mathematical physics: QC20.7.D47
Differentiable dynamical systems
  Topology: QA614.8+
Differentiable manifolds
  Topology: QA614.3+
Differentiable mappings: QA613.64
Differentiable mappings and singularities: QA614.58
Differential-algebraic equations: QA372.5
Differential and difference algebra: QA247.4
Differential calculus: QA304+
Differential-difference equations: QA373
Differential equations
  Analysis: QA370+
  Mathematical physics: QC20.7.D5
Differential equations, Partial
  Quantum mechanics: QC174.17.D54
Differential forms: QA381
Differential games
  Algebra: QA272
  Mathematical physics: QC20.7.D516
Differential geometry: QA641+
  Mathematical physics: QC20.7.D52
Differential geometry of congruences: QA639
Differential invariants: QA381
Differential operators
  Functional analysis: QA329.4+
Differential operators on manifolds
  Topology: QA614.9+
Differential thermal analysis
  Determinative mineralogy: QE369.D5
Differential topology: QA613.6+
Differentiation
  Microbiology: QR73.5
Differentiation, Sex
  Physiology: QP278
Diffraction
  Electric waves: QC665.D5
  Elementary particle physics: QC793.3.D5
  Optics: QC414.8+
  Radio waves: QC676.7.D5
  Sound waves: QC243.3.D53
  X-rays: QC482.D5
Diffraction gratings: QC417
Diffraction of electrons
  Analytical chemistry: QD79.E4
Diffusion
  Electric waves: QC665.D54
  Elementary particle physics: QC793.3.D55
  Gases: QC163.5
  Liquids: QC145.4.D5
  Matter and antimatter: QC185
  Meteorology: QC880.4.D44
  Physical chemistry: QD543
  Plasma physics: QC718.5.T7
  Semiconductors: QC611.6.D5
  Solid state physics: QC176.8.D5
  Thin films: QC176.84.D54
Diffusion processes
  Markov processes: QA274.75
Digestion
  Physiology: QP145+
Digestive enzymes
  Animal biochemistry: QP609.D52
Digestive gland secretions
  Physiology: QP190.7+
Digestive organ secretions
  Physiology: QP190.7+
Digestive organs
  Anatomy: QL856+
  Human anatomy: QM301+
  Physiology: QP146+
Digestive tract
  Physiology: QP145+
Digital computers: QA76.5+
Digital libraries
  Science: Q224.5
  Science study and teaching: Q182.7
Digitoxin
  Animal biochemistry: QP632.D54

Diglycerides
  Animal biochemistry: QP752.D54
Dignathodontidae: QL449.55.D5
Diguetidae: QL458.42.D53
Dihydroxyphenylalanine
  Animal biochemistry: QP563.D5
Dikes
  Geology: QE611+
Dilaenaceae: QK555.D5
Dilaridae: QL513.D5
Dilatation
  Heart physiology: QP114.D54
Dilatation of time (Relativity physics): QC173.59.T5
Dilleniaceae: QK495.D47
Dimensional analysis
  Mathematical physics: QC20.7.D55
Dimethyl sulfide
  Meteorology: QC879.9.D55
Dimethylpropiothetin
  Plant constituent: QK898.D54
Dimorphidae: QL568.D47
Dimyidae: QL430.7.D55
Dinamoebales: QK569.D55
Dingoes
  Anecdotes and stories: QL795.D5
Dinocerata
  Paleozoology: QE882.U8
Dinoflagellates: QK569.D56
  Paleontology: QE955
Dinomyidae: QL737.R646
Dinopidae: QL458.42.D55
Dinornithiformes
  Paleozoology: QE872.D5
Dinosaur tracks: QE861.6.T72
Dinosaurs
  Paleozoology: QE861.2+
Diodontidae: QL638.D56
Diomedeidae: QL696.P63
Dioncophyllaceae: QK495.D48
Diophantine analysis
  Number theory: QA242
Diopsidae: QL537.D56
Dioptidae: QL561.D5
Diorite: QE462.D56
Dioscoreaceae: QK495.D54
Dioxins
  Effect on plants and animals: QH545.D55
Dipentodontaceae: QK495.D545
Dipeptidases
  Animal biochemistry: QP609.D54
Diphenol oxidase
  Animal biochemistry: QP603.D5
Diphtheria
  Microbiology: QR201.D5
Diphtheroid organisms
  Microbiology: QR201.D6
Diphyllidae: QL596.D57
Diplatyidae: QL510.3.D56
Diplocentridae: QL458.72.D5
Diplomonadida: QL368.D65
Diplomystidae: QL638.D57
Diplopoda: QL449.6+
  Paleozoology: QE829.D5
Diploporita
  Paleozoology: QE783.D5
Diplopteridae: QL505.7.D5
Diplura: QL503.4.A1+
Dipluridae: QL458.42.D56
Dipnoi
  Paleozoology: QE852.D5
Dipnoid fishes: QL638.3
Dipodidae: QL737.R648
Dippers: QL696.P235
Diprionidae: QL568.D5
Diprotodontia: QL737.M345+
  Paleozoology: QE882.M34
Dipsacaceae: QK495.D56
Dipsocoridae: QL523.D5
Diptera
  Paleozoology: QE832.D6
  Zoology: QL531+
Dipteriformes: QL637.9.D5
Dipterocarpaceae: QK495.D564
Diptilomiopidae
  Zoology: QL458.2.D56
Diquat
  Effect on plants and animals: QH545.D57
Direcmidae: QL638.D577
Direct interactions
  Nuclear physics: QC794.8.D57
Directed graphs
  Algebra: QA166.15
Dirichlet problem: QA425
Dirty superconductors: QC611.98.D57
Disassemblers: QA76.76.D57
Discellaceae: QK625.E9
Discharge
  Lightning: QC966.7.D5
Discharge in electric corona: QC643.7.D5
Discinidae
  Paleozoology: QE797.D6
Discoglossidae: QL668.E235
Discolomidae: QL596.D58
Discomycetes: QK623.A1
Discoveries in scientific research: Q180.55.D57
Discrete geometry: QA640.7+
Discrete mathematics
  Numerical analysis: QA297.4
Discriminant analysis
  Mathematical statistics: QA278.65
Discussion and debate forums
  Mathematics teaching aid: QA20.F67
Disintegration
  Microbiology: QR69.D48

Disk-winged bats: QL737.C59
Disks
  Astrophysics: QB466.D58
Dislocations in crystals: QD921+
Dispersal of organisms: QH543.3
Dispersion
  Optics: QC431+
Dissecting microscopes: QH212.D5
Dissection
  Anatomy: QL812.5
  Human anatomy: QM33.4+
Dissemination
  Plant ecology: QK929
Dissociation
  Animal biochemistry: QP517.D57
  Electric discharge through gases: QC711.8.D5
  Electrochemistry: QD562.I65
  Thermochemistry: QD517
Dissolution
  Chemistry: QD63.D5
Dissorophidae
  Paleozoology: QE868.D5
Distance geometry: QA613+
Distance of moon: QB583
Distance, Stellar: QB813
Distances, Extragalactic: QB857.5.E97
Disteniidae: QL596.D59
Distichodontidae: QL638.D58
Distillation
  Chemistry: QD63.D6
  Organic chemistry: QD281.D5
Distillation, Fractional
  Thermochemistry: QD526
Distributed artificial intelligence
  Cybernetics: Q337+
Distributed processing
  Computer science: QA76.9.D5
Distribution of primes
  Number theory: QA246
Distribution of stars: QB819
Distributions
  Probabilities: QA273.6
Distributions, Theory of
  Functional analysis: QA324
Disturbances
  Gravity observations: QB339
Ditomyiidae: QL537.D58
Diurnal variations
  Cosmic ray physics: QC485.8.V3
  Geomagnetism: QC831
Divergence
  Meteorology: QC880.4.D5
Diversity
  Microbiology: QR73
Diversity, Plant (General): QK46.5.D58
Diving petrels: QL696.P66
Divisibility
  Number theory: QA242
Division
  Elementary mathematics: QA115
Division algebras: QA247.45
Dixidae: QL537.D59
DNA
  Genetic effects: QH465.D55
  Microbial metabolism: QR92.D45
  Plant constituent: QK898.D44
  Viruses: QR456
DNA computers: QA76.887
DNA damage
  Genetics: QH465.A1+
DNA fingerprinting
  Animal biochemistry: QP624.5.D72
DNA helicases
  Animal biochemistry: QP616.D54
DNA insertion elements: QH462.I48
DNA-ligand interactions: QP624.74+
DNA ligases
  Animal biochemistry: QP619.D53
DNA microarrays
  Animal biochemistry: QP624.5.D726
DNA polymerases
  Animal biochemistry: QP606.D46
DNA probes
  Animal biochemistry: QP624.5.D73
  Microbiology: QR69.D54
DNA restriction enzymes
  Animal biochemistry: QP609.R44
DNA topoisomerases
  Animal biochemistry: QP616.D56
DNA vaccines: QR189.5.D53
DNA viruses
  Virology: QR394.5
Dobsonflies
  Zoology: QL514.7.C67
Docodonta
  Paleozoology: QE882.D6
Docosahexaenoc acid
  Animal biochemistry: QP752.D63
Documentation
  Computer science: QA76.9.D6
  Ecology: QH541.15.D6
Documentation of software: QA76.76.D63
Dodder
  Botany: QK495.C967
Dodos
  Zoology: QL696.C67
Dogbane
  Botany: QK495.A66
Dogfish shark
  Laboratory manuals: QL813.F57
Dogfish sharks: QL638.95.S84
Dogs
  Anecdotes and stories: QL795.D6

Dogs
  Laboratory manuals: QL813.D64
  Zoology: QL737.C22
Dogwood
  Botany: QK495.C785
Dolabriferidae: QL430.5.D55
Dolichopodidae: QL537.D6
Dolichopsyllidae: QL599.7.D6
Dolomite: QE471.15.D6
  Mineralogy: QE391.D6
Dolphinfishes: QL638.C795
Dolphins
  Anecdotes and stories: QL795.D7
  Zoology: QL737.C432
Dominance
  Genetics: QH447.2
Donacidae: QL430.7.D65
Donaciidae: QL596.D6
DOPA
  Animal biochemistry: QP563.D5
Dopamine
  Animal biochemistry: QP563.D66
Doped semiconductors: QC611.8.D66
Doping
  Semiconductor physics: QC611.6.D6
Doradidae: QL638.D6
Dorididae: QL430.5.D6
Dories
  Zoology: QL638.Z4
Dormancy
  Biology: QH523
  Effect on plants: QK761
Dormice: QL737.R656
Dorsal ventricular ridge
  Anatomy: QL938.D65
Doryanthaceae: QK495.D67
Dorylaidae: QL537.P57
DOS
  Computer software
    Operating systems: QA76.774.D67
Dothideaceae: QK623.D72
Dothideales: QK623.D74
Double layer, Electric
  Electrochemistry: QD564
Double layers
  Astrophysics: QB462.72
Double refraction
  Optics: QC426.8.D68
Double salts
  Inorganic chemistry: QD191
Double star systems theory
  Celestial mechanics: QB421
Double stars: QB821+
Douglasiidae: QL561.D6
Dover demon: QL89.2.D68
Doves
  Zoology: QL696.C63
Dragonets: QL638.C15
Dragonflies
  Paleozoology: QE832.A53
  Zoology: QL520+
Drawings of the moon
  Descriptive astronomy: QB595
Drawings of the planets
  Descriptive astronomy: QB605
Dreaming
  Physiology: QP426
Dredging
  Aquatic biology: QH90.57.D7
  Effect on plants and animals: QH545.D7
  Marine biology: QH91.57.D7
Dredging (Fisheries)
  Effect on plants and animals: QH545.D713
Dredging spoil
  Effect on plants and animals: QH545.D72
Dreissenidae
  Paleozoology: QE812.D7
Dreisseniidae: QL430.7.D8
Drepanaspidae
  Paleozoology: QE852.D7
Drepaneidae: QL638.D73
Drepanidae: QL561.D7
Drepanididae: QL696.P243
Drepanosiphidae: QL523.D74
Drift
  Geology: QE579
  Plasma physics: QC718.5.D7
Drift chambers
  Nuclear physics: QC787.D74
Drilidae: QL596.D67
Drilling muds
  Effect on plants and animals: QH545.D74
Drilling platforms
  Effect on plants and animals: QH545.D75
Drinking
  Physiology: QP150
Driving clocks
  Astronomical instruments: QB97
DRL (Computer program language): QA76.73.D25
Dromadidae: QL696.C44
Dromiceidae: QL696.C34
Drongos: QL696.P2427
Droppings, Animal: QL768
Drops
  Fluid mechanics: QC156
Droseraceae: QK495.D76
Drosophila
  Experimental genetics: QH470.D7
Drosophilidae: QL537.D76
Drought tolerance
  Plant physiology: QK754.7.D75
Droughts
  Effect on plants: QK754.7.D75
  Meteorology: QC929.2+

Drug resistance
  Microbiology: QR177
Drug use
  Animals: QL756.7
Drugs
  DNA-ligand interactions: QP624.75.D77
Drums (Fishes)
  Zoology: QL638.S34
Drying
  Microbiology: QR69.F7
Dryinidae: QL568.D7
Dryomyzidae: QL537.D79
Dryopidae: QL596.D7
Dryopteridaceae: QK524.D79
Dualism (Physics): QC6.4.D8
Dubnium
  Chemical element: Q1 .D2
Duckeodendraceae: QK495.D9
Ducks
  Zoology: QL696.A52
Ducks, Wild
  Anecdotes and stories: QL795.B57
Duckweed
  Botany: QK495.L527
Ductless glands
  Anatomy: QL868
  Human anatomy: QM371
Ducts, Bile
  Physiology: QP185.3
Ducts, Excretory
  Anatomy: QL873.5
Dueteromycetes: QK625.A1+
Dugongidae: QL737.S62
Dugongs
  Zoology: QL737.S62
Dulidae: QL696.P2435
Dunaliellaceae: QK569.P65
Dunes
  Biogeography: QH88.5
  Botany: QK938.D9
Duodecimal system: QA141.5.A1+
Duplication
  Chromosomal mutation: QH462.D8
Duplication of the cube
  Elementary geometry: QA469
Durangite
  Mineralogy: QE391.D8
Durango root: QK495.D33
Dussumieriidae
  Zoology: QL638.C64
Dust
  Atmospheric pollutants: QC882.5
  Microbiology: QR101
Dust influences
  Meteorology: QC929.D9
Dust storms
  Mars (Planet): QB643.D87
Dusty plasmas
  Plasma physics: QC718.5.D84
Dusty-wings: QL513.C65
Dutchman's pipe
  Botany: QK495.A688
Dwaft galaxies: QB858
Dwarf boas: QL666.O68
Dwarf novae: QB843.D85
Dwarf pipe snakes: QL666.O6265
Dwarf planets: QB698+
Dwarf stars: QB843.D9
Dye plants
  Botany: QK98.7.A1+
Dylan (Computer program language): QA76.73.D95
Dynamic climatology: QC981.7.D94
Dynamic geology: QE517+
Dynamic meteorology: QC880+
Dynamics
  Analytic mechanics: QA843+
  Cloud physics: QC921.6.D95
  Elementary particle physics: QC793.3.D9
  Philosophy of science: Q175.32.D96
  Physics: QC133+
  Plasma physics: QC718.5.D9
Dynamics, Molecular
  Animal biochemistry: QP517.M65
Dynamics of a particle
  Analytic mechanics: QA851+
Dynamics, Stellar: QB810+
Dynastidae: QL596.D85
Dysderidae: QL458.42.D9
Dysentery
  Microbiology: QR201.D9
Dysodiidae: QL523.D9
Dysommidae: QL638.D93
Dysomminidae: QL638.D95
Dysphaniaceae: QK495.D95
Dysprosium
  Chemical element: Q1 .D8
Dystiscidae: QL596.D9
Dystrophin
  Animal biochemistry: QP552.D95

E

E region
  Meteorology: QC881.2.E2
Eagle rays: QL638.85.M9
Ear
  Anatomy: QL948
  Human anatomy: QM507
Ear labyrinths
  Physiology: QP471+
Eared seals
  Zoology: QL737.P63
Early stars: QB843.E2

Earth
  Age: QE508
  Crust: QE511
  Internal structure: QE509+
  Mean density: QB341
  Physical history: QE501
Earth as a planet: QB630+
Earth capture of the moon: QB392.C3
Earth currents
  Geomagnetism: QC845
Earth interior: QE509+
Earth, Mathematical theory of the figure of the: QB283
Earth movements
  Geology: QE598+
Earth radiation: QC809.T4
Earth resistance: QC809.E15
Earth temperature, Interior: QE509.5
Earth tides: QC809.E2
Earthquake prediction: QE538.8
Earthquakes
  Geology: QE531+
  Geomagnetism: QC843
Earwigs
  Paleozoology: QE832.D47
  Zoology: QL510+
EasyLanguage (Computer program language):
  QA76.73.E27
Eating
  Physiology: QP147
Ebenaceae: QK495.E25
Ebola virus disease
  Microbiology: QR201.E16
Ebony
  Botany: QK495.E25
Ebriida: QL368.E2
Ebullition
  Physics: QC304
Ecacanthothripidae: QL598.3.E3
Ecaudata: QL668.E2+
  Paleozoology: QE868.A5
Eccrinales: QK621.E3
Ecdysone
  Animal biochemistry: QP572.E25
Ecdysteroids
  Animal biochemistry: QP572.E27
Echeneidae: QL638.E2
Echidnas: QL737.M73
Echimyidae: QL737.R65
Echimyopodidae: QL458.2.E45
Echinodera: QL391.K5
Echinodermata
  Paleozoology: QE781+
  Zoology: QL381+
Echinodontiaceae: QK629.E34
Echinoidea: QL384.E2
  Paleozoology: QE783.E2
Echinophthiriide: QL570.3.E3
Echinorhinidae: QL638.95.S84
Echinosomatidae: QL510.3.E3
Echiura: QL391.E2
Echo scattering layers
  Marine biology: QH91.8.E3
Echoes
  Radar meteorology: QC973.8.E3
Eclipses
  Geomagnetism: QC837
  Spectroscopy: QB551
Eclipses, Lunar: QB579
Eclipses, Prediction of: QB175+
Eclipses, Solar: QB541+
Ecliptic, Determination of the
  Spherical astronomy: QB171
Eclogite: QE475.E25
Ecohydrology: QH541.15.E19
Ecological assessment (Biology): QH541.15.E22
Ecological genetics: QH456
Ecological heterogeneity: QH541.15.E24
Ecological integrity
  Biology: QH541.15.E245
Ecological reserves: QH75+
Ecological surveys: QH541.15.S95
Ecological zones: QH541.15.E248
Ecology
  Algae: QK568.E26
  Biology: QH540+
  Birds: QL698.95
  Fishes: QL639.8
  Fungi: QK604.2.E26
  Insects: QL496.4
  Invertebrates: QL364.4
  Lepidoptera: QL562.6
  Mammals: QL739.8
  Reptiles and amphibians: QL669.8
Econometric models
  Scientific research: Q180.55.E25
Economic aspects
  Computer science: QA76.9.E25
  Fungi: QK604.2.E27
  Scientific research: Q180.55.E25
Economic biology: QH705+
Economic ecology: QH541.15.E25
Ecophysiology
  Ecology: QH541.15.E26
  Fungi: QK604.2.E28
Ecophysiology, Animal: QP82+
Ecophysiology, Plant: QK717
Ecosystem health: QH541.15.E265
Ecosystem management: QH75+
Ecosystem services: QH541.15.E267
Ecosystems, Software: QA76.76.S62
Ecotones
  Ecology: QH541.15.E27
Ecstasy (Drug)
  Animal biochemistry: QP801.E28

Ectobiidae: QL505.7.E3
Ectomycorrhizas
  Botany: QK604.2.M92
Ectoprocta
  Zoology: QL396+
Ectrephidae: QL596.E3
EDDP (Pyrrolidine derivative)
  Animal biochemistry: QP801.E325
Eddy flux
  Meteorology: QC880.4.T8
Edema, Malignant
  Microbiology: QR201.E2
Edentata: QL737.E2+
  Paleozoology: QE882.E2
Edestidae
  Paleozoology: QE852.E55
Edge computing
  Digital computers: QA76.583
Edible fungi
  Botany: QK617
Edible plants
  Botany: QK98.5.A1+
Edible plants and animals: QH82+
Edible wild plants
  Botany: QK98.5.A1+
Edrioasteroidea
  Paleozoology: QE783.E3
Education, Competency-based
  Science (General): Q182.6
Eelpouts: QL638.Z6
Eels
  Zoology: QL637.9.A5
Effect of roads
  Birds: QL698.26
Effective interactions
  Nuclear physics: QC794.8.E35
Eggs
  Birds: QL675
  Dinosaurs: QE861.6.E35
  Fishes: QL639.25
  Microbiology: QR116
  Nutrition: QP144.E44
Eggs, Fossil: QE875
Egyptian early works on mathematics: QA30.3
Ehrlichiosis
  Microbiology: QR201.E45
Eicosanoids
  Animal biochemistry: QP752.E53
Eigenvalues
  Matrices: QA193
Eigenvectors
  Matrices: QA193
Einsteinium
  Chemical element: Q1 .E7
El Niño Current
  Effect on plants and animals: QH545.E35
Elacatidae: QL596.E38
Elachistidae: QL561.E4
Elaeagnaceae: QK495.E33
Elaeocarpaceae: QK495.E35
ELAN (Computer program language): QA76.73.E38
Elaphomycetaceae: QK623.E4
Elapidae: QL666.O64
Elasmidae: QL568.E4
Elasmobranchii
  Paleozoology: QE852.C52
Elastases
  Animal biochemistry: QP609.E38
Elastic properties
  Crystals: QD933
  Solids: QC191
Elastic rebound theory
  Seismology: QE539.2.E42
Elastic scattering
  Nuclear interactions: QC794.6.S3
Elastic waves
  Geophysics: QC809.E5
  Seismology: QE538.5
Elasticity
  Analytic mechanics: QA931+
  Crystallography: QD933
Elastin
  Animal biochemistry: QP552.E4
Elateridae: QL596.E4
Elatinaceae: QK495.E37
Electophori: QC544.E45
Electret ionization chambers
  Nuclear physics: QC787.E37
Electrets: QC585.8.E4
Electric charge and distribution: QC581.E4
Electric coils
  Electrodynamics: QC645
Electric conductivity
  Physics: QC610.3+
Electric corona: QC642.5+
Electric current
  Physics: QC601+
Electric discharge
  Dielectrics: QC585.7.E43
  Physics: QC701+
Electric discharge through gases: QC710+
Electric displacement
  Electric waves: QC665.E36
Electric double layer
  Electrochemistry: QD564
Electric eel: QL638.E34
Electric field of the sun: QB539.E4
Electric fields
  Electric waves: QC665.E38
  Plasma physics: QC718.5.E37
Electric fishes: QL639.1
Electric furnace operations
  Inorganic chemistry: QD157
  Organic chemistry: QD277

Electric impedance measurement
  Microbiology: QR69.E43
Electric measurements
  Physics: QC535+
Electric oscillations
  Physics: QC660.5+
Electric power plants
  Effect on plants and animals: QH545.E38
Electric properties
  Cells: QH645
  Condensed matter physics: QC173.458.E43
  Crystals: QD939
  Cytology: QH601.15
  Liquids: QC145.4.E45
  Petrology: QE431.6.E4
  Polymers: QD381.9.E38
  Solid state physics: QC176.8.E35
  Thin films: QC176.84.E5
Electric rays
  Fishes: QL638.87+
Electric resistance
  Physics: QC610.6+
Electric resonance: QC613
Electric thermometers: QC274
Electric waves
  Physics: QC660.5+
Electrical phenomena in the atmosphere: QC960.5+
Electricity
  Effect on cells: QH655
  Effect on plants: QK758
  Physics: QC501+
Electrification
  Cloud physics: QC921.6.E4
Electrocapillary phenomena: QC577
Electrocardiography: QP112.5.E4
Electrocatalysis
  Electrochemistry: QD569
Electrochemical analysis
  Animal biochemistry: QP519.9.E42
  Organic chemistry: QD272.E4
Electrochemical laboratories: QD558+
Electrochemistry
  Analytical chemistry: QD115+
  Organic compounds: QD273
  Physical chemistry: QD551+
Electrochemistry of supramolecular compounds
  Chemistry: QD880
Electrode phenomena
  Electrochemistry: QD571
Electrodes, Ion selective
  Animal biochemistry: QP519.9.E43
  Cytology: QH585.5.E43
Electrodynamics: QC630+
  Elementary particle physics: QC793.3.E4
  Geophysics: QC809.E55
  Plasma physics: QC718.5.E4
Electrodynamometer: QC544.E3
Electroencephalography
  Neurophysiology: QP376.5
Electrokinetics
  Physics: QC625
Electroluminescence
  Radiation physics: QC480
Electrolysis
  Physical chemistry: QD551+
Electrolyte solutions
  Electrochemistry: QD565
Electrolytes
  Analytical chemistry: QD139.E4
  Bacterial physiology: QR97.E5
  Electrochemistry: QD565
  Physiological effect: QP82.2.E4
Electrolytic cells
  Electrochemistry: QD568
Electromagnetic fields
  Electric waves: QC665.E4
Electromagnetic interactions
  Nuclear physics: QC794.8.E4
Electromagnetic theory: QC669+
Electromagnetic waves
  Effect on plants and animals: QH545.E4
  Physics: QC660.5+
  Physiological effect: QP82.2.E43
Electromagnetics
  Plasma physics: QC718.5.E45
Electromagnetism
  Elementary particle physics: QC793.3.E45
Electromagnets: QC761+
Electromechanical analogies
  Chemistry: QD39.3.E4
  Electric waves: QC665.E45
  Heat transfer: QC320.22.E4
  Magnetism: QC754.2.E3
Electrometer: QC544.E4
Electromotive force
  Electrochemistry: QD562.E44
  Physics: QC618
Electron accelerators
  Nuclear physics: QC787.E39
Electron diffraction
  Analytical chemistry: QD79.E4
  Quantitative analysis: QD117.E4
Electron gas
  Statistical physics: QC175.16.E6
Electron-hole droplets
  Semiconductor physics: QC611.6.E43
Electron holography: QC449.3
Electron impact ionization
  Electric discharge: QC702.7.E38
Electron microprobe
  Analytical chemistry: QD98.E4
  Quantitative analysis: QD117.E42
Electron microscopes: QH212.E4

Electron microscopy
Crystallography: QD906.7.E37
Microbiology: QR68.5.E45
Virology: QR387.5
Electron nuclear double resonance
Physics: QC762.6.E45
Electron oscillations and resonances
Plasma physics: QC718.5.W3
Electron paramagnetic resonance
Biological research: QH324.9.E36
Magnetism: QC763
Electron paramagnetic resonance spectroscopy
Analytical chemistry: QD96.E4
Animal biochemistry: QP519.9.E433
Electron probe microanalysis
Animal biochemistry: QP519.9.E4333
Biological research: QH324.9.E38
Quantitative analysis: QD117.E42
Electron spectroscopy
Analytical chemistry: QD96.E44
Physics: QC454.E4
Electron transport
Semiconductor physics: QC611.6.E45
Electronic computers: QA75.5+
Electronic computers, Use in mathematics: QA76.95
Electronic data processing: QA75.5+
Algebra: QA155.7.E4
Astronomy: QB51.3.E43
Botany: QK46.5.E4
Ecology: QH541.15.E45
Geodesy: QB297
Mathematical physics: QC20.7.E4
Probabilities: QA273.19.E4
Electronic information resources
Science study and teaching: Q182.7
Electronic spreadsheets
Mathematics teaching: QA20.E43
Electronic states
Solid state physics: QC176.8.E4
Electronicinformation resources
Science: Q224.5
Electronics in astronomy: QB127+
Electrons
Elementary particle physics: QC793.5.E62+
Electrooptics: QC673+
Electrophiles
Organic analysis: QD271.35.E54
Electrophoresis
Analytical chemistry: QD79.E44
Animal biochemistry: QP519.9.E434
Biological research: QH324.9.E4
Blood physiology: QP99.5.E5
Cytology: QH585.5.E46
Electrochemistry: QD562.E45
Organic chemistry: QD272.E43
Quantitative analysis: QD117.E45
Electrophoresis, Capillary
Animal biochemistry: QP519.9.C36
Electrophoridae: QL638.E34
Electrophysiology: QP112.5.E46
Biology: QH517
Fishes: QL639.1
Physiology: QP341
Plant physiology: QK845
Electroporation
Cytology: QH585.5.E48
Electroreceptors
Physiology: QP447.5
Electrostatic accelerators
Nuclear physics: QC787.E4
Electrostatic analyzers
Nuclear physics: QC787.E42
Electrostatic lenses: QC544.E5
Electrostatics
Physics: QC570+
Plasma physics: QC718.5.E48
Electroweak interactions
Nuclear physics: QC794.8.E44
Electrum
Mineralogy: QE391.E43
Elementary geometry: QA451+
Elementary mathematics: QA101+
Elementary particle physics: QC793+
Elements, Chemical
Inorganic chemistry: QD181.A+
Physical chemistry: QD466+
Elements, Individual
Cycles: QH344+
Elenchidae: QL599.3.E4
Elephant shrews: QL737.M242
Elephantidae: QL737.P98
Elephants
Anecdotes and stories: QL795.E4
Zoology: QL737.P98
ELF electromagnetic fields
Effect on plants and animals: QH545.E42
Elimination
Matrices: QA192
Elimination reactions
Organic chemistry: QD281.E4
Eliminative behavior
Animals: QL780
Elixer of life
Alchemy: QD26.5.E4
Ellesmeroceratidae
Paleozoology: QE807.E4
Ellipsoids
Statics: QA827
Ellipsometry
Biological research: QH324.9.E44
Elliptic curves: QA567.2.E44
Elliptic functions
Analysis: QA343

Elliptic integrals
  Analysis: QA343
Elliptical galaxies: QB858.4
Ellobiidae: QL430.5.E45
Elm
  Botany: QK495.U4
Elmidae: QL596.E45
Elodea
  Botany: QK495.H86
Elopidae: QL638.E4
Elopiformes: QL637.9.E4
  Paleozoology: QE852.E65
Elysiidae: QL430.5.E48
Emballonuridae: QL737.C525
Embedding of microscope specimens: QH234
Embedding theorems
  Mathematical physics: QC20.7.E48
Emberizidae: QL696.P2438
Embiidae: QL539+, QL539.3.E4
Embiodea
  Zoology: QL539+
Embioptera
  Paleozoology: QE832.E52
  Zoology: QL539+
Embiotocidae: QL638.E5
Embolemidae: QL568.E5
Embryo
  Development: QL971+
  Physiology: QP277
Embryology
  Human anatomy: QM601+
  Invertebrates: QL958
  Plant anatomy: QK665
  Vertebrates: QL959
  Zoology: QL951+
Embryonic stem cells
  Cytology: QH588.S83
Embryos
  Plant anatomy: QK665
Embryosacs
  Plant anatomy: QK665
Emeralds
  Mineralogy: QE394.E5
Emergence (Philosophy)
  Philosophy of science: Q175.32.E44
Emission, Secondary ion
  Electric discharge: QC702.7.E4
Emission spectroscopy
  Analytical chemistry: QD96.E46
  Physics: QC454.E46
Emmelichthyidae: QL638.E53
Emotions
  Animals: QL785.27
  Neurophysiology: QP401
Empetraceae: QK495.E44
Empididae: QL537.E4
Employment surveys
  Science: Q148
Emulsin
  Animal biochemistry: QP609.E4
Emulsion polymers
  Organic chemistry: QD382.E48
Emus
  Zoology: QL696.C34
Emydidae: QL666.C547
Enantiornithiformes
  Paleozoology: QE872.E52
Encephalic photoreceptors: QP384.3
Encephalitis vaccines: QR189.5.E5
Encke comet: QB723.E3
Encryption, Data
  Computer science: QA76.9.D335
Encyrtidae: QL568.E6
End of the universe (Cosmology): QB991.E53
End of the world
  Astronomy: QB638.8
End-user computing: QA76.9.E53
Endangered amphibians
  Zoology: QL644.7+
Endangered birds
  Zoology: QL676.7
Endangered bryophytes: QK533.4+
Endangered ecosystems
  Natural history: QH75+
Endangered fishes: QL617.7+
Endangered fungi
  Botany: QK604.2.E48
Endangered invertebrates: QL362.45+
Endangered mammals: QL706.8+
Endangered mollusks: QL405.4+
Endangered plants
  Botany: QK86+
Endangered reptiles
  Zoology: QL644.7+
Endangered species
  General: QH75+
  Zoology: QL81.5+
Endlichite
  Mineralogy: QE391.E5
Endocarditis, Bacterial
  Microbiology: QR201.E6
Endocardium
  Physiology: QP114.E53
Endoceratoidea
  Paleozoology: QE807.E5
Endocrine genetics: QP187.5
Endocrine glands
  Human histology: QM576
  Physiology: QP187.A1+
Endocrinology
  Physiology: QP187.A1+
Endocrinology, Behavioral906: QP356.45
Endocrinology, Developmental: QP187.6

Endocrinology, Molecular: QP187.3.M64
Endocrinology, Reproductive: QP252+
Endodontidae: QL430.5.E5
Endogonaceae: QK621.E47
Endomycetaceae: QK623.E56
Endomychidae: QL596.E5
Endomycorrhizas
  Botany: QK604.2.M92
Endonucleases
  Animal biochemistry: QP609.E44
Endopeptidases
  Animal biochemistry: QP609.P75
Endophytic fungi: QK604.2.E53
Endoplasmic reticulum
  Cytology: QH603.E6
Endoprocta
  Zoology: QL400+
Endorphins
  Animal biochemistry: QP552.E53
Endosomes
  Cytology: QH603.E63
Endothelins
  Animal biochemistry: QP552.E54
Endothelium
  Human histology: QM562
  Physiology: QP88.45
Endotoxins
  Animal biochemistry: QP632.E4
Endowments
  Science research: Q180.55.G7
Endromidae: QL561.E5
Eneopteridae: QL508.E5
Energetic particles, Solar: QB526.S65
Energy
  Cells: QH635
  Sound waves: QC243.3.E5
Energy and force (Physics): QC71.82+
Energy budget
  Geophysics: QC809.E6
Energy development
  Effect on plants and animals: QH545.E53
Energy dissipation
  Condensed matter physics: QC173.458.E53
Energy industries
  Effect on plants and animals: QH545.E53
Energy levels
  Quantum chemistry: QD462.6.E53
  Radioactive substances: QC795.8.E5
Energy loss
  Nuclear fission: QC790.4.E6
Energy metabolism
  Nutrition: QP176
Energy ranges
  Elementary particle physics: QC793.3.E5
Energy transfer: QC73.8.E53
Engineering, Software: QA76.758
Engraulidae: QL638.E55
ENIAC: QA76.8.E53
Enicocephalidae: QL523.E65
Enkephalins
  Animal biochemistry: QP552.E55
Enolase
  Animal biochemistry: QP613.E56
Enoplosidae: QL638.E556
Enoploteuthidae: QL430.3.E56
Ensign scales
  Zoology: QL527.O7
Ensign wasps: QL568.E9
Enstatite
  Mineralogy: QE391.E6
Entanglement
  Quantum mechanics: QC174.17.E58
Enterobacteriaceae: QR82.E6
Enterobacterial vaccines: QR189.5.E53
Enterococcal infections
  Microbiology: QR201.E64
Enteropneusta
  Paleozoology: QE840.5
Enteroviruses
  Virology: QR410.2.E55
Entertainment computing: QA76.9.E57
Enthalpy
  Thermodynamics: QC318.E55
Entire functions
  Theory of functions: QA353.E5
Entoconchidae: QL430.5.E55
Entodiniomorphida: QL368.E5
Entolomataceae: QK629.E56
Entomobryidae: QL503.E5
Entomology as a profession: QL468.4
Entomophthoraceae: QK621.E49
Entomostraca
  Paleozoology: QE817.E5
Entophlyctaceae: QK621.E5
Entophysalidaceae: QR99.7.E57
Entoprocta
  Zoology: QL400+
Entotrophi: QL503.4.A1+
Entropy
  Thermodynamics: QC318.E57
Enumeration problems
  Algebra: QA164.8
Enumerative geometry: QA607
Envelope
  Viruses: QR454
Environment
  Effect on animals: QP82+
Environment and heredity
  Genetics: QH438.5
Environmental aspects
  Computer science: QA76.9.E58
  Scientific research: Q180.55.E58
Environmental effects
  Virology: QR478.A1+

Environmental factors
  Bacterial physiology: QR97.A1+
Environmental geochemistry: QE516.4
Environmental geology: QE38
Environmental influences
  Ecology: QH545.A1+
Environmental sex determination
  Physiology: QP278.53
Environmentally sensitive areas
  Natural history: QH75+
Enzymatic analysis
  Animal biochemistry: QP519.9.E46
  Biological research: QH324.9.E5
  Organic chemistry: QD272.E5
Enzymatic proteolysis
  Animal biochemistry: QP609.P78
Enzyme activation
  Animal biochemistry: QP601.45
Enzyme inhibition
  Animal biochemistry: QP601.5
Enzyme kinetics
  Animal biochemistry: QP601.3
Enzyme-linked immunosorbent assay
  Animal biochemistry: QP519.9.E48
  Microbiology: QR69.E58
Enzyme regulation
  Animal biochemistry: QP601.4+
Enzymes
  Animal biochemistry: QP601+
  Microbiology: QR90
  Phytochemistry: QK896
  Plant constituent: QK898.E58
  Viruses: QR462
Eocene
  Paleobotany: QE927.2
  Paleontology: QE737
  Stratigraphy: QE692.2
Eocene-Oligocene boundary
  Stratigraphy: QE692.8
Eopsaltriidae: QL696.P2439
Eosentomidae: QL503.6.E6
Eosin
  Organic chemistry: QD441
Eosinophils
  Immunology: QR185.8.E58
  Physiology: QP95.3
Eotomariidae
  Paleozoology: QE809.E55
Epacridaceae: QK495.E45
Epallagidae: QL520.3.E6
Epeirogeny: QE512
Epermeniidae: QL561.E74
Ephedraceae: QK494.5.E5
Ephemerellidae: QL505.3.E64
Ephemeridae: QL505.3.E65
Ephemerides
  General: QB7+
Ephemerides
  Planets: QB603.E6
Ephemeroptera
  Paleozoology: QE832.E65
  Zoology: QL505+
Ephippidae: QL638.E6
Ephydridae: QL537.E7
Epicopeiidae: QL561.E75
Epidermal growth factor
  Animal biochemistry: QP552.E59
Epidermoptidae: QL458.2.E6
Epidote
  Mineralogy: QE391.E8
Epigonidae: QL638.E62
Epilampridae: QL505.7.E7
Epimarptidae: QL561.E754
Epiophlebiidae: QL520.3.E65
Epipaschiidae: QL561.E757
Epiphytes
  Plant ecology: QK922
Epiphytic lichens: QK584.6.E64
Epiplemidae: QL561.E758
Epipyropidae: QL561.E759
Episomes: QH452.5
Epistasis
  Genetics: QH450.7
Epitaxy, Molecular beam: QC611.6.M64
Epithelium
  Human histology: QM561
  Physiology: QP88.4
Epitoniidae: QL430.5.E6
  Paleozoology: QE809.E64
Epoxy polymers
  Organic chemistry: QD383.E66
Epstein-Barr virus
  Virology: QR400.2.E68
Epstein-Barr virus diseases
  Microbiology: QR201.E75
Equation of time
  Astronomy: QB217
Equations of motion
  Meteorology: QC880.4.E7
  Relativity physics: QC173.59.E68
Equations of state
  Astrophysics: QB466.E65
  Atomic physics: QC173.4.E65
  Physics: QC307
Equations, Theory of
  Algebra: QA211+
Equatorial mountings
  Astronomical instruments: QB97
Equidae: QL737.U62
Equilibrium
  Physiology: QP471+
  Plasma physics: QC718.5.E66
  Statics: QA831
  Superconductors: QC611.97.E69

Equilibrium, Punctuated
  Biology: QH398
Equipment and supplies
  Astronomical photography: QB121.5
Equipollence
  Analytic geometry: QA556.5
Equisetaceae: QK524.E6
Equisetales
  Paleobotany: QE965
Equisetophyta
  Paleobotany: QE965
Erbium
  Chemical element: Q1 .E6
Eremaeidae: QL458.2.E73
Eremobatidae: QL458.82.E7
Eremolepidaceae: QK495.E64
Erepsin
  Animal biochemistry: QP609.E7
Eresidae: QL458.42.E7
Erethizontidae: QL737.R652
Ergocalciferol
  Animal biochemistry: QP772.E74
Ergodic theory: QA611.5
  Integral calculus: QA313
Ericaceae: QK495.E68
Erinaceidae: QL737.E753
Erinaceomorpha: QL737.E75+
  Paleozoology: QE882.E75
Erinnidae: QL537.X9
Eriocaulaceae: QK495.E685
Eriococcidae: QL527.E73
Eriocraniidae: QL561.E8
Eriophyidae: QL458.2.E75
Eriosomatidae: QL527.E78
ERLANG (Computer program language): QA76.73.E75
Ermine moths: QL561.Y7
Erosion
  Geology: QE571+
Erosion, Aerial
  Geology: QE597
Erosion, Aqueous
  Geology: QE581
Erosion, Glacial
  Geology: QE575+
Erosion, Soil
  Effect on plants and animals: QH545.S64
Erotylidae: QL596.E7
Erpodiaceae: QK539.E76
Error messages
  Computer science: QA76.9.E77
Errors of adjustment
  Astronomy: QB154
Errors, Scientific: Q172.5.E77
Errors, Theory of
  Mathematics: QA275
Erysiphaceae: QK623.E7
Erysiphales: QK623.E73
Erythraeidae: QL458.2.E78
Erythrinidae: QL638.E65
Erythrocytes
  Physiology: QP96+
Erythroxylaceae: QK495.E82
Escherichia
  Experimental genetics: QH470.E8
Escherichia coli infections
  Microbiology: QR201.E82
Eschrichtiidae: QL737.C425
Eskers
  Geology: QE578
Esocidae: QL638.E7
Esophagus
  Anatomy: QL861
  Human anatomy: QM331
  Physiology: QP146+
Esphalmenidae: QL510.3.E8
Essences and essential oils
  Effect on plants: QK753.E7
  Plant constituent: QK898.E75
  Spectra: QC463.E68
Essential fatty acids
  Animal biochemistry: QP752.E84
Essential oils
  Biochemistry: QD416+
Esterases
  Animal biochemistry: QP609.E8
Esters
  Aliphatic compounds: QD305.A2
  Aromatic compounds: QD341.A2
  Spectra: QC463.E69
Estimation theory
  Mathematical statistics: QA276.8
Estimation theory (Statistical physics): QC174.85.E88
Estradiol
  Animal biochemistry: QP572.E8
Estrildidae: QL696.P244
Estrogen
  Animal biochemistry: QP572.E85
Estuaries
  Ecology: QH541.5.E8
  Zoology: QL139
Estuarine ecology: QH541.5.E8
Estuarine radioecology
  Ecology: QH543.8
Ether, Theories of
  Atomic physics: QC177
Ethers
  Aliphatic compounds: QD305.E7
  Aromatic compounds: QD341.E7
  Spectra: QC463.E7
Ethical aspects
  Computer science: QA76.9.M65
  Scientific research: Q180.55.M67
Ethics
  Science: Q175.35+

Ethmiidae: QL561.E85
Ethnobotany, Applied: QK86.5
Ethopolyidae: QL449.55.E8
Ethylene
  Effect on plants: QK753.E8
  Plant constituent: QK898.E8
Etmopteridae: QL638.95.E85
Etruscan
  Astronomy: QB22.3
Euacanthidae: QL527.E9
Eublepharidae: QL666.L24
Eucharididae: QL568.E75
Euchiridae: QL596.E76
Eucinetidae: QL596.E77
Eucleidae: QL561.L54
Euclid's Elements for use in schools: QA451
Eucnemidae: QL596.E8
Eucoilidae: QL568.E77
Eucommiaceae: QK495.E84
Eucryphiaceae: QK495.E85
Eudiometer
  Chemical laboratories: QD54.E8
Eudorniidae: QL510.3.E9
Euglenaceae: QK569.E9
Euglenidae: QL596.E84
Euglenids: QK569.E93
Eugregarinida: QL368.E92
Eukoeneniidae: QL458.57.E9
Eulerian graph theory
  Algebra: QA166.19
Eulimidae: QL430.5.E9
Eulipotyphla: QL737.S7+
  Paleozoology: QE882.S67
Eulophidae: QL568.E8
Eumenidae: QL568.E84
Eumolpidae: QL596.E85
Eumycetozoida: QL368.E95
Eunotosauridae: QE862.E9
Euomphalidae: QE809.E9
Eupantotheria: QE882.E86
Eupatithripidae: QL598.3.E8
Eupelmidae
  Zoology: QL568.E845
Euphausiacea: QL444.M338
Euphorbiaceae: QK495.E9
Euphrosynidae: QL537.M3
Eupodidae: QL458.2.E8
Eupomatiaceae: QK495.E95
Eupteleaceae: QK495.E96
Eupterotidae: QL561.E94
Eurasian spadefoot toads: QL668.E262
Euribiidae: QL537.T42
European wildcat
  Anecdotes and stories: QL795.E94
Europium
  Chemical element: Q1 .E8
Eurybrachidae: QL527.E97
Eurylaimidae: QL696.P245
Eurymerodesmidae: QL449.65.E87
Eurypauropodidae: QL449.75.E8
Eurypgidae: QL696.G83
Eurypharyngidae: QL638.E8
Eurypterida
  Paleozoology: QE826.E8
Eurystethidae: QL596.E87
Eurytomidae: QL568.E85
Euryuridae: QL449.65.E878
Euscorpiidae: QL458.72.E88
Eusparassidae: QL458.42.H48
Eustathiidae: QL458.2.E84
Eustheniidae: QL530.3.E9
Eustigmatophyceae: QK569.E96
Eutaeniophoridae: QL638.E83
Euthyrrhaphidae: QL505.7.E9
Eutrophication
  Freshwater biology: QH96.8.E9
  Marine biology: QH91.8.E87
Evaluation in science research: Q180.55.E9
Evaluation of computer performance: QA76.9.E94
Evaluation of data processing activities: QA76.9.E95
Evaluation of software: QA76.76.E93
Evaniidae: QL568.E9
Evansite
  Mineralogy: QE391.E9
Evaporation
  Meteorology: QC915.5+
  Physics: QC304
Evaporites: QE471.15.E8
Evapotranspiration
  Meteorology: QC915.5+
Even-toed ungulates: QL737.U5+
Evening-primrose
  Botany: QK495.O46
Evening star
  Botany: QK495.L78
Event logging
  Computer science: QA76.9.D3385
Evermannellidae: QL638.E87
Evolution
  Algae: QK568.E85
  Amphibians: QL645.3+
  Bacteria: QR81.7
  Biology: QH359+
  Birds: QL677.3
  Chordates: QL607.5
  Fungi: QK604.2.E85
  Immunology: QR182.2.E94
  Insects: QL468.7
  Invertebrates: QL362.75
  Mammals: QL708.5
  Microbiology: QR13
  Mollusca: QL406.7
  Philosophy of science: Q175.32.E85
  Plants: QK980+

Evolution
  Reptiles: QL645.3+
  Zoology: QL438.5
Evolution equations: QA377.3
  Mathematical physics: QC20.7.E88
Evolution of galaxies: QB857.5.E96
Evolution of the sun: QB539.E8
Evolution, Stellar: QB806
Evolutionary developmental biology: QH492
Evolutionary genetics: QH390
Evolutionary paleobiology: QE721.2.E85
Evolutionary paleoecology: QE721.2.E87
Evolutionary programming
  Electronic computers: QA76.618
Evorsion
  Geology: QE587
eWorld (Online service): QA76.57.E88
Excavations, Paleontological: QE721.2.P26
Exchange of meteorological information: QC866.5.E93
Exchange reactions
  Chemistry: QD63.E83
Excipulaceae: QK625.E9
Excitation
  Nervous system: QP363
  Nuclear interactions: QC794.6.E9
Excited state chemistry: QD461.5
Exclusive interactions
  Nuclear and particle physics: QC794.8.E93
Excretory organs
  Anatomy: QL872+
Exercise
  Endocrine glands: QP187.3.E93
  Physiology: QP301+
Exercise effects
  Heart physiology: QP114.E9
Exhibitions
  Botany: QK79+
  Fungi: QK600.5+
Exobasidiaceae: QK627.53.E93
Exobasidiales: QK627.5+
Exocoetidae: QL638.E9
Exocrine glands
  Physiology: QP187.7.A1+
Exocytosis
  Cells: QH634.2
Exopeptidases
  Animal biochemistry: QP609.P45
Exosphere
  Meteorology: QC881.2.E9
Exotic birds
  Zoology: QL677.79.E85
Exotic marine organisms
  Marine biology: QH91.8.E94
Exotic nuclei
  Elementary particle physics: QC793.3.E93
Expanding universe (Cosmology): QB991.E94
Expansion
  Gases: QC164
  Liquids: QC145.4.E9
  Pressure, volume and temperature relations:
    QC281.5.E9
  Solid state physics: QC176.8.E94
Expansions
  Topology: QA611.29
Expeditions
  Geology: QE4
  Natural history: QH11
Expeditions and voyages, Scientific: Q115+
Experimental biology: QH324+
Experimental design
  Mathematical statistics: QA279+
Experimental embryology: QL961
Experimental mechanics
  Physics: QC120+
Experimental physiology: QP42+
Experiments
  Biology: QH316.5
  Botany: QK52.6
  Organic chemistry: QD257.5
  Space science research: QB500.264
Expert systems
  Computer software: QA76.76.E95
Explanation
  Philosophy of science: Q175.32.E97
Expletocystida
  Paleozoology: QE799.E95
Exploding wire phenomenon
  Electric discharge: QC703.7
Exploration
  Moon: QB582.5
Explosion
  Thermochemistry: QD516
Exponential functions
  Analysis: QA342
Exponential sums
  Number theory
    Algebra: QA246.7+
Exponents
  Algebra: QA161.E95
Exterior algebra: QA205
Exterior lighting
  Effect on plants and animals: QH545.E98
External skin
  Human anatomy: QM484
Extinct amphibians: QL644.8+
Extinct animals
  Zoology: QL88+
Extinct birds: QL676.8
Extinct insects: QL467.9
Extinct mammals: QL707
Extinct reptiles: QL644.8+
Extinction
  Dinosaurs: QE861.6.E95

Extinction
  Paleontology: QE721.2.E97
  Zoology: QL88+
Extinction (Biology): QH78
Extra-meridian instruments: QB103
Extracellular enzymes
  Animal biochemistry: QP601.6
Extracellular matrix proteins
  Animal biochemistry: QP552.E95
Extracellular space
  Cytology: QH603.E93
Extrachromosomal DNA
  Animal biochemistry: QP624.5.E98
Extraction
  Chemistry: QD63.E88
Extragalactic distances: QB857.5.E97
Extrapolation
  Mathematics: QA281
Extrapyramidal tracts
  Neurophysiology: QP370.5
Extrasensory perception
  Animals: QL785.3
Extrasolar planets: QB820
Extraterrestrial life
  Astronomy: QB54
Extraterrestrial seismology: QB455.5
Extreme environments
  Microbiology: QR100.9
Extremities
  Human embryology: QM695.E95
Extremities, Bones of
  Human anatomy: QM117
Eye
  Anatomy: QL949
  Human anatomy: QM511
  Microbiology: QR171.E9
Eye movement
  Neurophysiology: QP477.5
Eyeball
  Neurophysiology: QP476+
Eyepieces
  Astronomical instruments: QB111
Eylaidae: QL458.2.E9

F

F (Computer program language): QA76.73.F16
F region
  Meteorology: QC881.2.F2
Face
  Human embryology: QM695.F32
Face muscles
  Physiology: QP327
Factor analysis
  Chemistry: QD39.3.F33
  Mathematical statistics: QA278.5
Factor tables: QA51
Factorization
  Number theory: QA242
Factorization method
  Quantum mechanics: QC174.17.F3
Factors
  Algebra: QA161.F3
Faculae: QB526.F3
Fagaceae: QK495.F14
Failures of computer systems: QA76.9.F34
Failures of software: QA76.76.F34
Fairy shrimps: QL444.B815
Fairyflies: QL568.M94
Falconidae: QL696.F34
Falconiformes: QL696.F3+
Falcons
  Zoology: QL696.F34
Falculiferidae: QL458.2.F3
False cat shark: QL638.95.P8
False coral snakes: QL666.O625
False morays: QL638.X45
False powerpost beetles: QL596.B5
False sunbirds: QL696.P2625
False vampires: QL737.C535
Familial behavior
  Animals: QL761.5
Family and computers: QA76.9.F35
Famous animals: QL793
Fangataufa Atoll
  Geology: QE566.F35
Fantails (Birds): QL696.P274
Far ultraviolet spectrum
  Optics: QC459.5
Faraday effect: QC675.5.F3
Fasciolariidae: QL430.5.F2
  Paleozoology: QE809.F3
Fast neutrons
  Elementary particle physics: QC793.5.F32+
Fat-soluble vitamins
  Animal biochemistry: QP772.F37
Fatigue
  Neurophysiology: QP421
Fats
  Aliphatic compounds: QD305.F2
  Animal biochemistry: QP752.F3
Fatty acid-binding proteins
  Animal biochemistry: QP552.F37
Fatty acids
  Animal biochemistry: QP752.F35
  Microbial metabolism: QR92.F3
  Plant constituent: QK898.F3
Fatty oils
  Aliphatic compounds: QD305.F2
Fault-tolerant computing: QA76.9.F38
Faults
  Geology: QE606+
Favolaschiaceae: QK629.F37
Faye comet: QB723.F2

Fc receptors: QR185.8.F33
fd bacteriophage: QR342.2.F37
Feathers
  Birds: QL697.4
Feces
  Microbiology: QR171.F4
  Physiology: QP159
Fecundation
  Physiology: QP273
  Plant physiology: QK828
Fedorovskii method
  Determinative mineralogy: QE369.F4
Feeding and feeds
  Invertebrates: QL364.3
Feldspar
  Mineralogy: QE391.F3
Felidae: QL737.C23
Female generative organs
  Human anatomy: QM421
  Microbiology: QR171.F45
Female organs, Accessory: QP265
Female reproductive organs
  Anatomy: QL881
Female sex physiology: QP259+
Femtochemistry: QD716.L37
Fenite: QE462.F4
Ferberite
  Mineralogy: QE391.F4
Fermat's theorem: QA244
Fermentation
  Phytochemistry: QK896
Fermi liquid theory (Statistical physics): QC174.85.F47
Fermi surface
  Solid state physics: QC176.8.F4
Fermions
  Elementary particle physics: QC793.5.F42+
Fermium
  Chemical element: Q1 .F5
Fermo meteorite: QB756.F47
Ferns
  Botany: QK520+
  Paleobotany: QE961
Ferredoxin-NADP reductase
  Animal biochemistry: QP603.F47
Ferrierite
  Mineralogy: QE391.F45
Ferrimagnetism: QC761.4
Ferrites
  Analytical chemistry: QD137.F35
  Magnetism: QC766.F3
Ferritin
  Animal biochemistry: QP552.F47
Ferroboron
  Analytical chemistry: QD137.F38
Ferrochromium
  Analytical chemistry: QD137.F4
Ferroelectric crystals
  Spectra: QC464.F45
Ferroelectricity
  Physics: QC596+
Ferromagnetism
  Physics: QC761.5
Ferroniobium
  Analytical chemistry: QD137.F44
Ferrotungsten
  Analytical chemistry: QD137.F48
Ferrum
  Chemical element: Q1 .F4
Fertilization
  Physiology: QP273
  Plant physiology: QK828
  Sexual reproduction: QH485
Fertilizers
  Effect on plants and animals: QH545.F47
Fetal development, Animal: QL971+
Few-body problem
  Theoretical astronomy: QB362.F47
Feylinidae: QL666.L243
Feynman diagrams
  Nuclear interactions: QC794.6.F4
Feynman integrals: QC174.17.F45
Fiber
  Nutrition: QP144.F52
Fiber bundles
  Topology: QA612.6+
Fiber optics: QC447.9+
Fiber spaces
  Topology: QA612.6+
Fiberings
  Topology: QA612.6+
Fibers, Nerve
  Anatomy: QL931
Fibrin: QP93.5+
Fibrinogen: QP93.5+
Fibrinogen polymorphisms
  Genetics: QH447.63.F43
Fibroblast growth factors
  Animal biochemistry: QP552.F5
Fibromodulin
  Animal biochemistry: QP552.F52
Fibronectins
  Animal biochemistry: QP552.F53
Ficidae
  Zoology: QL430.5.F53
Fideliidae: QL568.F47
Field emission
  Electricity: QC700
Field glasses
  Optical instruments: QC373.B55
Field ion microscopes: QH212.F5
Field theories
  Atomic physics: QC173.68+
  Elementary particle physics: QC793.3.F5

Fields
  Zoology: QL115.5
Fieldwork
  Biology: QH318.5
Fierasferidae: QL638.C26
Fifth generation computers: QA76.85
Fig wasps: QL568.A23
Figitidae: QL568.F5
Figure of the earth
  Astronomy: QB283
Figures of equilibrium of rotating masses of fluid
  Celestial mechanics: QB410
Figures of planets: QB603.F5
Figwort
  Botany: QK495.S43
File conversion
  Computer science: QA76.9.F48
File organization
  Computer science: QA76.9.F5
File processing
  Computer science: QA76.9.F53
File snakes: QL666.O62
Filefishes: QL638.B15
Filistatidae: QL458.42.F5
Film boiling
  Heat transfer: QC320.22.F5
Films in science teaching: Q192
Filtration
  Chemistry: QD63.F5
Finches
  Zoology: QL696.P246
Finding the time
  Astronomy: QB213
Finite element method
  Heat transfer: QC320.22.F56
  Mathematical physics: QC20.7.F56
  Quantum mechanics: QC174.17.F54
Finite fields
  Algebra: QA247.3+
Finite geometries: QA167.2
Finite groups
  Algebra: QA177
Fire
  Effect on animals and plants: QH545.F5
Fire ecology: QH545.F5
Fireballs: QB753
Fireflies
  Anecdotes and stories: QL795.F65
  Zoology: QL596.L28
Firm-ware
  Computer software: QA76.765
Fish
  Nutrition: QP144.F56
    Physiology: QP144.F78
Fish culture
  Effect on plants and animals: QH545.F52
Fish eggs
  Zoology: QL639.25
Fish lice: QL444.B9
Fish mounting: QL618.6
Fish oils
  Animal biochemistry: QP752.F57
Fish population dynamics: QL618.3
Fish surveys
  Zoology: QL618.65
Fish watching: QL618.55
Fisheries
  Effect on plants and animals: QH545.F53
Fisherman bats: QL737.C56
Fishes
  Anecdotes and stories: QL795.F7
  Laboratory manuals: QL813.F57
  Microbiology: QR118
  Paleozoology: QE851+
  Zoology: QL614+
Fissidentaceae: QK539.F5
Fission
  Asexual reproduction: QH477
Fission products
  Nuclear fission: QC790.4.F5
  Radioactive substances: QC795.8.F5
Fissurellidae: QL430.5.F57
Fistulariidae: QL638.F5
Fixation
  Human histology: QM556.5.F5
  Microscopy: QH235
Fixed point theorems
  Topology: QA611.7
Fixed points and coincidences
  Topology: QA612.24
Fjords
  Ecology: QH541.5.F56
Flabellinidae: QL430.5.F58
Flacourtiaceae: QK495.F55
Flagella
  Microbiology: QR78
Flagellariaceae: QK495.F58
Flagellata: QL368.A12
  Paleozoology: QE774.F5
Flame
  Thermochemistry: QD516
Flame spectroscopy
  Analytical chemistry: QD96.F5
  Physics: QC454.F6
Flamingos: QL696.C56
Flannel moths: QL561.M4
Flare stars: QB843.F55
Flares, Solar: QB526.F6
Flash
  Lightning: QC966.7.D5
Flash photolysis
  Animal biochemistry: QP519.9.F52
  Photochemistry: QD716.F54

Flat-bark beetles: QL596.C8
Flatbugs: QL523.A7
Flatheads
  Zoology: QL638.P464
Flatidae: QL527.F4
Flatland
  Geometry: QA699
Flatworms: QL391.P7
Flavins
  Animal biochemistry: QP671.F5
Flavonoids
  Animal biochemistry: QP671.F52
  Plant constituent: QK898.F5
Flavonols
  Plant constituent: QK898.F53
Flavoproteins
  Animal biochemistry: QP552.F54
Flavor components
  Animal biochemistry: QP801.F45
Flax
  Botany: QK495.L74
Fleas
  Paleozoology: QE832.S47
  Zoology: QL599.5+
Fleshflies: QL537.S25
Flies
  Paleozoology: QE832.D6
  Zoology: QL531+
Flight
  Birds: QL698.7
  Dinosaurs: QE861.6.F45
  Insects: QL496.7
  Physiology: QP310.F5
Flightless birds
  Zoology: QL677.79.F55
Flint
  Petrology: QE471.15.F47
Flippers
  Animal anatomy: QL950.75
Floating bodies
  Fluid mechanics: QC145.5+
  Hydrostatics: QA907
Flocculation
  Physical chemistry: QD547
Flocculi, Solar: QB526.F64
Flood control
  Effect on plants and animals: QH545.F55
Flood dams
  Effect on plants and animals: QH545.D35
Floodplains
  Ecology: QH541.5.V3
  Zoology: QL113.77
Flora, Amber
  Paleobotany: QE932
Floral ecology
  Illustrations: QK909
Florideae: QK569.F64
Flotation
  Organic chemistry: QD281.F5
Flow cytometry
  Cytology: QH585.5.F56
  Microbiology: QR69.F56
Flow injection analysis
  Animal biochemistry: QP519.9.F55
Flower
  Spermatophytes: QK653+
Flowerbugs: QL523.A5
Flowerflies: QL537.S9
Flowering
  Sexual reproduction of plants: QK830
Flowering rush
  Botany: QK495.B83
Flowerpeckers: QL696.P242
Flowmeters
  Fluid mechanics: QC148.4
Flows
  Topology: QA614.82
Flows in continuous media: QC155.7
Flows in porous media: QC155
Flows in viscous media: QC155.5
Fluctuations
  Physics: QC6.4.F58
  Superconductors: QC611.97.F58
Fluid calorimeters: QC293.F5
Fluid dynamics
  Analytic mechanics: QA911+
  Astrophysics: QB466.F58
  Biology: QH513.5
  Geophysics: QC809.F5
Fluid inclusions
  Mineralogy: QE364.2.F47
Fluid mechanics
  Analytic mechanics: QA901+
  Physics: QC138+
Fluids
  Physics: QC138+
Fluorescein
  Effect on plants: QK753.F5
Fluorescence
  Radiation physics: QC477+
Fluorescence microscopes: QH212.F55
Fluorescence, Sensitized: QC477.4
Fluorescence spectroscopy
  Analytical biochemistry: QP519.9.F56
  Analytical chemistry: QD96.F56
  Biological research: QH324.9.F4
Fluorescent antigen technique
  Antigen-antibody reactions: QR187.F58
Fluorescent minerals
  Mineralogy: QE364.2.F5
Fluorescent polymers
  Organic chemistry: QD382.F55
Fluorescent probes
  Analytical biochemistry: QP519.9.F56

Fluorides
  Effect on plants: QK753.F53
  Mineralogy: QE389.4
Fluorimeters: QC477.2
Fluorimetry
  Analytical chemistry: QD79.F4
  Animal biochemistry: QP519.9.F58
  Quantitative analysis: QD117.F5
Fluorination
  Organic chemistry: QD281.F55
Fluorine
  Chemical element: Q1 .F1
  Fluid mechanics: QC145.45.F5
Fluorine organic compounds
  Animal biochemistry: QP801.F5
Fluorocarbohydrates
  Animal biochemistry: QP702.F58
Fluorocarbons
  Spectra: QC463.F55
Fluoropolymers
  Organic chemistry: QD383.F48
Fluorspar
  Mineralogy: QE391.F6
Flying fishes
  Zoology: QL638.E9
Flying gurnards: QL638.D3
Flying lemurs: QL737.D4
Flysch: QE471.15.F5
Foamy viruses: QR414.6.F6
FOCUS (Computer program language): QA76.73.F23
Fog
  Meteorology: QC929.F7
Föhn
  Meteorology: QC939.F6
Folacin
  Animal biochemistry: QP772.F6
Folds (Geology): QE606+
Foliations
  Differential topology: QA613.62
Folic acid
  Animal biochemistry: QP772.F6
Follicle-stimulating hormone
  Animal biochemistry: QP572.F6
Fontinalaceae: QK539.F6
Food
  Animals: QL756.5+
  Birds: QL698.4
  Microbiology: QR115+
Food chains
  Ecology: QH541.15.F66
Food microbiology: QR115+
Food poisoning
  Microbiology: QR201.F6
Food webs
  Ecology: QH541.15.F66
Foodborne diseases
  Microbiology: QR201.F62
Foot
  Regional anatomy: QM549
Foot-and-mouth disease
  Microbiology: QR201.F63
Foot muscles
  Physiology: QP336
Footballfishes: QL638.H54
Footprints, Fossil: QE845
Foraminifera
  Paleozoology: QE772
Foraminiferida: QL368.F6
Forbush decreases
  Cosmic ray physics: QC485.8.F6
Force and energy (Physics): QC71.82+
Forces and couples in three dimensions
  Statics: QA831
Forensic biology: QH313.5.F67
Forensic botany: QK46.5.F67
Forensic geology: QE38.5
Forest birds
  Zoology: QL677.79.F67
Forest canopy ecology: QH541.5.F6
Forest ecology: QH541.5.F6
Forest influences
  Meteorology: QC929.F8
Forest management
  Effect on plants and animals: QH545.F67
Forests
  Biogeography: QH86
  Botany: QK938.F6
  Ecology: QH541.5.F6
  Zoology: QL112
Forficulidae: QL510.3.F6
Form factor
  Nuclear interactions: QC794.6.F65
Form in visual space perception
  Neurophysiology: QP492
Formal groups
  Algebra: QA177.4
Formal languages
  Algebra: QA267.3
Formal methods
  Computer science: QA76.9.F67
Formaldehyde
  Animal biochemistry: QP801.F67
  Spectra: QC463.F6
Formation, Heat of
  Physics: QC310
Formicariidae: QL696.P2455
Formicidae: QL568.F7
Formionidae: QL638.F6
Forms
  Number theory
    Algebra: QA243
FORTRAN (Computer program language): QA76.73.F25
Forums (Discussion and debate)
  Mathematics teaching aid: QA20.F67

Fossil biomolecules
  Animal biochemistry: QP517.F66
Fossil eggs: QE875
Fossil footprints: QE845
Fossil fruit and seeds: QE996.5
Fossil leaves: QE992
Fossil otoliths: QE853
Fossil pollen: QE993.2
Fossil spores: QE996
Fossil teeth: QE846
Fossil trees: QE991
Fossil woods: QE991
Fossilization: QE721.2.F6
Fossils, Living
  Zoology: QL88.5
Fossils, Trace: QE720.5
Fossombroniaceae: QK555.F6
Foundations
  Mathematical analysis: QA299.8+
Foundations (Endowments)
  Science research: Q180.55.G7
Foundations of geometry: QA681
Fouquieriaceae: QK495.F6
Four-color problem
  Topology: QA612.19
Four-o'clock
  Botany: QK495.N9
Fourier analysis: QA403.5+
Fourier series: QA404
Fourier transform infrared spectroscopy
  Analytical chemistry: QD96.I5
Fourier transform nuclear magnetic resonance
  spectroscopy: QD96.N8
Fourier transform spectroscopy
  Analytical chemistry: QD96.F68
  Physics: QC454.F7
Fourier transformations
  Mathematical physics: QC20.7.F67
Fourth dimension
  Geometry: QA699
Fourth generation computers: QA76.84
Foxes
  Anecdotes and stories: QL795.F8
Fractal analysis
  Topology: QA614.86
Fractals
  Condensed matter physics: QC173.458.F72
  Geology: QE33.2.F73
  Mathematical physics: QC20.7.F73
  Physical chemistry: QD455.3.F73
  Topology: QA614.86
Fractional calculus
  Mathematical analysis: QA314
Fractional distillation
  Thermochemistry: QD526
Fractionation
  Polymers: QD381.9.S44
Fractions
  Arithmetic: QA117
Fragilariaceae: QK569.F73
Fragmentation reactions
  Organic chemistry: QD281.F7
Fragmented landscapes
  Ecology: QH541.15.F73
Frames
  Information theory: Q390
Frameworks, Software: QA76.76.S63
Francium
  Chemical element: Q1 .F7
Frankeniaceae: QK495.F67
Frankiaceae: QR82.F7
Franklinothripidae: QL598.3.F7
Fraud
  Science: Q175.37
FRED (Computer program language): QA76.73.F74
Free computer software: QA76.76.F75
Free convection
  Physics: QC330
Free electron lasers: QC689.55.F75
Free electron theory of metals
  Solid state physics: QC176.8.F74
Free radicals
  Aliphatic compounds: QD305.C3
Free-tailed bats: QL737.C54
FreeBSD
  Operating systems: QA76.774.F74
Freedom, Degree of
  Elementary particle physics: QC793.3.D43
Freedom, Intellectual
  Philosophy of science: Q175.32.I58
Freeze-drying
  Biological research: QH324.9.C7
  Microbiology: QR69.F7
Freeze etching
  Microscopy: QH236
Freeze fracturing
  Microscopy: QH236.2
Freezing
  Solution chemistry: QD549.2.F74
Freezing points
  Physical chemistry: QD545
Fregatidae: QL696.P45
Frequence spectra
  Physics: QC454.F85
Fresh water
  Zoology: QL141+
Freshwater aquariums: QL78
Freshwater biological laboratories: QH96.6+
Freshwater biology: QH96+
Freshwater biology as a profession: QH96.45
Freshwater catfishes: QL638.I3
Freshwater ecology: QH541.5.F7
Freshwater eels: QL638.A55

Freshwater flora
  Botany: QK105
Freshwater fungi: QK618.2
Freshwater microbiology: QR105.5
Freshwater mollusks: QL407.5
Freshwater organisms, Introduced
  Freshwater biology: QH96.8.I57
Freshwater phytoplankton
  Plant ecology: QK935
Freshwater plants: QK932+
Freshwater radioecology: QH543.9
Freshwater stingrays: QL638.85.P6
Freshwater zooplankton: QL143
Fricke dosimeters
  Nuclear physics: QC787.F75
Friction
  Particle dynamics: QA852
Friction in matter and antimatter: QC197
Frictional electricity
  Physics: QC570+
Frictional machines: QC573
Frigate birds: QL696.P45
Frigorimeters: QC981.6
Frilled sharks: QL638.95.C4
Fringillidae: QL696.P246
Frogfishes: QL638.A577
Frogmouths: QL696.C26
Frogs
  Anecdotes and stories: QL795.F85
  Laboratory manuals: QL813.F75
  Zoology: QL668.E2+
Frontal lobe
  Neurophysiology: QP382.F7
Frontogenesis
  Meteorology: QC880.4.F7
Fronts
  Meteorology: QC880.4.F7
Frost
  Effect on plants: QK756
Fructans
  Animal biochemistry: QP702.F68
Fructofuranosidase
  Animal biochemistry: QP609.F7
Fructokinase
  Animal biochemistry: QP606.F7
Fructose
  Animal biochemistry: QP702.F7
Fructose-2,6-bisphosphate
  Animal biochemistry: QP702.F73
Fruit
  Microbiology: QR122
  Spermatophytic reproductive organ: QK660+
Fruit, Fossil: QE996.5
Fruit juice
  Microbiology: QR129.F7
Fruitworm beetles: QL596.B98
Frullaniaceae: QK555.F9
Fruticeta: QK479+
Fucaceae: QK569.F95
Fuchsian functions
  Analysis: QA353.A9
Fuchsian groups: QA335
Fuel calorimeters: QC293.F8
Fulgoridae: QL527.F9
Fullerene polymers
  Organic chemistry: QD383.F84
Fulmars: QL696.P665
Fume hoods
  Chemical laboratories: QD54.F85
Funariaceae: QK539.F98
Function spaces
  Functional analysis: QA323
Functional analysis: QA319+
  Atomic physics: QC174.52.F8
  Mathematical physics: QC20.7.F84
Functional equations
  Analysis: QA431
Functional foods
  Nutrition: QP144.F85
Functional integration
  Mathematical physics: QC20.7.F85
Functional programming
  Digital computers: QA76.62
Functional programming languages
  Digital computers: QA76.62
Functionality, Window
  Computer software: QA76.76.W56
Functionals
  Quantum mechanics: QC174.17.F86
Functions, Special
  Mathematical physics: QC20.7.F87
Functions, Theory of
  Analysis: QA331+
Functions, Zeta
  Mathematical physics: QC20.7.Z47
Functors
  Homological algebra: QA169
Fundulidae: QL638.F86
Fungal antigens
  Immunology: QR186.6.F85
Fungal communities: QK604.2.C64
Fungal viruses
  Microbiology: QR343
Fungi
  Botany: QK600+
  Paleobotany: QE958
Fungi imperfecti: QK625.A1+
Fungivoridae: QL537.M92
Fungus gnats: QL537.S357
Fungus weevils: QL596.A63
Funnel-eared bats: QL737.C555
Fur
  Anatomy: QL942
  Physiology: QP88.3

Furans
  Microbial metabolism: QR92.F87
  Spectra: QC463.F8
Furipteridae: QL737.C53
Furnariidae: QL696.P2464
Furylbenzimidazole
  Animal biochemistry: QP801.F87
Fused salts
  Spectra: QC464.F87
Fusion
  Physics: QC303
Fuzzy automata
  Algebra: QA267.5.F89
Fuzzy decision making
  Mathematical statistics: QA279.6
Fuzzy graphs
  Algebra: QA166.175
Fuzzy logic
  Mathematics: QA9.64
Fuzzy measure theory
  Integral calculus: QA312.5
Fuzzy sets
  Algebra: QA248.5
Fuzzy statistics
  Mathematical statistics: QA276.5
Fuzzy topology: QA611.2

G

G proteins
  Animal biochemistry: QP552.G16
GABA
  Animal biochemistry: QP563.G32
Gabbro: QE462.G3
Gadidae: QL638.G2
Gadiformes: QL637.9.G3
  Paleozoology: QE852.G26
Gadiniidae: QL430.5.G34
Gadolinium
  Chemical element: Q1 .G4
Gadopsidae: QL638.G23
Galactic bulges: QB857.5.B84
Galactic center of the Milky Way: QB857.72
Galactic clusters: QB858.7+
Galactic cosmic rays: QC485.9.G34
Galactic nuclei, Active: QB858.3+
Galactose
  Animal biochemistry: QP702.G3
  Effect on plants: QK753.G45
  Microbial metabolism: QR92.G35
Galactosidase
  Animal biochemistry: QP609.G3
Galactosides
  Organic chemistry: QD325
Galagonidae: QL737.P937
Galagos: QL737.P937
Galanin
  Animal biochemistry: QP552.G25
Galaxies: QB856+
Galaxiidae: QL638.G25
Galaxy collisions: QB857.5.M47
Galaxy mergers: QB857.5.M47
Galbulidae: QL696.P54
Galena
  Mineralogy: QE391.G3
Galeodidae: QL458.82.G3
Galerucidae: QL596.G3
Galileo
  Biography as an astronomer: QB36.G2
Gall midges: QL537.C33
Gall wasps: QL568.C9
Gallbladder
  Human anatomy: QM352
  Physiology: QP185
Galleriidae: QL561.G3
Galli
  Paleozoology: QE872.G15
Galliformes: QL696.G2+
  Paleozoology: QE872.G15
Gallium
  Chemical element: Q1 .G2
Gallium arsenide
  Semiconductor physics: QC611.8.G3
Galloping
  Physiology: QP310.G34
Galumnidae: QL458.2.G34
Galvanic skin response
  Neurophysiology: QP372.9
Galvanometer: QC544.G2
Galvanometric effects
  Semiconductor physics: QC611.6.G3
Game theory
  Algebra: QA269+
Games
  Mathematics teaching aid: QA20.G35
    Elementary geometry: QA462.2.G34
Games of chance
  Algebra: QA271
Games of strategy
  Algebra: QA270
Gamma-aminobutyric acid
  Animal biochemistry: QP563.G32
Gamma functions
  Analysis: QA353.G3
Gamma globulins
  Animal biochemistry: QP552.G3
Gamma ray astronomy: QB471.A1+
Gamma ray detectors
  Nuclear physics: QC787.G32
Gamma rays
  Elementary particle physics: QC793.5.G32+
Gamma waves
  Physiological effect: QP82.2.G35

Gangliosides
  Animal biochemistry: QP752.G3
Gannets
  Zoology: QL696.P48
Ganodermataceae: QK629.G18
Ganoid fishes: QL638.5
Ganoidei
  Paleozoology: QE852.S4
Garbage collection
  Computer science: QA76.9.G37
Garden ecology: QH541.5.G37
Gardening to attract birds: QL676.5+
Gardens
  Ecology: QH541.5.G37
  Zoology: QL119
Garlic: QK495.A42
Garnet
  Mineralogy: QE391.G37
Garryaceae: QK495.G26
Gars: QL638.L4
Garypidae: QL458.62.G3
Gas analysis
  Analytical chemistry: QD121
Gas calorimeters: QC293.G3
  Nuclear physics: QC787.G34
Gas chromatography
  Analytical chemistry: QD79.C45
  Animal biochemistry: QP519.9.G37
  Microbiology: QR69.G27
  Organic chemistry: QD272.C44
  Quantitative analysis: QD117.C515
Gas dynamics
  Astrophysics: QB466.G38
  Fluid dynamics: QA930
  Fluid mechanics: QC167.5+
Gas migration
  Gas dynamics: QC168.85.M53
Gas pipelines
  Effect on plants and animals: QH545.G37
Gas-solid interfaces
  Surface chemistry: QD509.G37
Gas spectra
  Physics: QC454.G3
Gas thermometers: QC273
Gaseous dielectrics: QC585.8.G38
Gaseous nebulae: QB855.55
Gases
  Blood constituents: QP99.3.G3
  Effect on plants: QK753.G47
  Fluid mechanics: QC161+
  Inorganic chemistry: QD162
  Liquefaction: QD535
  Thermochemistry: QD531
Gases at high temperatures: QC164.5
Gases from plants
  Phytochemistry: QK876
Gases in plants
  Phytochemistry: QK875
Gases in tubes
  Sound vibrations: QC235
Gasteromycetes: QK626+
Gasteropelecidae: QL638.G266
Gasterophilidae: QL537.G3
Gasterosteidae: QL638.G27
Gasterosteiformes: QL637.9.G37
  Paleozoology: QE852.G37
Gasteruptionidae: QL568.G3
Gastornithiformes
  Paleozoology: QE872.G27
Gastric intrinsic factor
  Animal biochemistry: QP552.G35
Gastric juice
  Physiology: QP193
Gastrin
  Animal biochemistry: QP572.G3
Gastrochaenidae: QL430.7.G23
Gastrointestinal hormones
  Animal biochemistry: QP572.G35
Gastrointestinal motility
  Physiology: QP180
Gastrointestinal system
  Immunology: QR185.9.G37
  Microbiology: QR171.G29
Gastropoda: QL430.4+
  Paleozoology: QE808+
Gastrotricha: QL391.G2
Gauge fields
  Elementary particle physics: QC793.3.G38
Gauge theories
  Elementary particle physics: QC793.3.G38
Gaussian processes
  Stochastic processes: QA274.4
Gaussian quadrature formulas
  Mathematical analysis: QA299.4.G3
Gaussian sums: QA246.8.G38
Gavial
  Zoology: QL666.C925
Gaviidae: QL696.G33
  Paleozoology: QE872.C75
Gaviiformes: QL696.G3+
Gazelles
  Anecdotes and stories: QL795.G3
Geastraceae: QK629.G4
Geckos: QL666.L245
Geddes comet: QB723.G43
Geese
  Zoology: QL696.A52
Gegenschein: QB761
Geiger-Müller counters
  Nuclear physics: QC787.G4
Geissolomataceae: QK495.G27
Gekkonidae: QL666.L245

Gel electrophoresis
  Animal biochemistry: QP519.9.G42
Gel permeation chromatography
  Animal biochemistry: QP519.9.G44
  Organic chemistry: QD272.C444
Gelatin
  Animal biochemistry: QP552.G4
Gelechiidae: QL561.G4
Gelidiaceae: QK569.G4
Gelidiales: QK569.G42
Gels
  Physical chemistry: QD549+
Gempylidae: QL638.G4
Gender mainstreaming
  Nature conservation: QH77.3.G46
Gene amplification: QH450.3
Gene expression
  Cardiovascular system: QP110.G45
  Recombination: QH450+
Gene fusion
  Chromosomal mutation: QH462.G46
Gene libraries
  Genetics: QH442.4
Gene mutation: QH463
Gene targeting: QH442.3
Generalized spaces
  Geometry: QA689
Generating functions
  Algebra: QA164.8
  Theory of functions: QA353.G44
Generations, Alternation of
  Plant anatomy: QK663
  Reproduction: QH489
Generative organs
  Human embryology: QM695.G45
  Human histology: QM577+
  Microbiology: QR171.G4
Generative organs, Female
  Human anatomy: QM421
  Human histology: QM577.8
  Microbiology: QR171.F45
Generative organs, Male
  Human anatomy: QM416
  Human histology: QM577.4
Generative programming
  Digital computers: QA76.624
Generators
  Computer software: QA76.76.G46
Generic programming
  Digital computers: QA76.6245
Genes
  Recombination genetics: QH447+
Genetic code
  Biology: QH450.2
Genetic engineering
  Biology: QH442+
  Plant ecology: QK981.5
Genetic mapping
  Biology: QH445.2+
Genetic markers: QH438.4.B55
Genetic mutation: QH461
Genetic polymorphisms: QH447.6+
Genetic programming
  Digital computers: QA76.623
Genetic regulation
  Recombination: QH450+
Genetic repair mechanisms: QH467
Genetic sex determination
  Physiology: QP278.5
Genetic translation
  Biology: QH450.5
Genetics
  Birds: QL696.5
  Fishes: QL638.99
  Fungi: QK602
  Insects: QL493
  Invertebrates: QL362.9
  Mammals: QL738.5
  Nutrition: QP144.G45
  Plants: QK981+
  Reptiles and amphibians: QL668.5
Genetics, Endocrine: QP187.5
GEnie (Videotex system): QA76.57.G45
Genome
  Recombination genetics: QH447+
Genome mapping
  Plants: QK981.45
Genomics, Chemical: QH438.4.C45
Gentian
  Botany: QK495.G35
Gentianaceae: QK495.G35
Geobiology: QH343.4
Geocalycaceae: QK555.G44
Geochemical modeling: QE515.5.G43
Geochemical self-organization: QE515.5.G45
Geochemistry
  Geology: QE514+
Geochemistry, Environmental: QE516.4
Geochemistry, Organic: QE516.5
Geodes: QE471.15.G4
Geodesy: QB275+
Geodesy as a profession: QB281.5
Geodetic astronomy: QB201+
Geodetic surveying instruments: QB328.A1+
Geodimeter: QB328.G4
Geographic information systems
  Climatology: QC866.5.G46
  Ecology: QH541.15.G46
  Marine biology: QH91.57.G46
  Planets: QB600.33
Geography, Astronomical: QB630+
Geological cosmogony: QE506
Geological map interpretation: QE36
Geological map making: QE36

Geological processes
  Microbial effect: QR103
Geological structure
  Geomagnetism: QC841
Geological surveys: QE61
Geological time: QE508
Geology: QE1+
  Mars (Planet): QB643.G46
  Mercury (Planet): QB613.G46
  Venus (Planet): QB623.G46
Geology as a profession: QE34
Geology, Dynamic: QE517+
Geology expeditions: QE4
Geology, Isotope: QE501.4.N9
Geology, Nuclear: QE501.4.N9
Geology, Structural: QE500+, QE601+
Geomagnetic field: QC827+
Geomagnetic micropulsations
  Geophysics: QC809.M25
Geomagnetism
  Physics: QC811+
Geometric group theory
  Algebra: QA183
Geometric inequalities: QA640
Geometric principles of analysis: QA360
Geometric probability: QA273.5
Geometric quantization (Quantum mechanics): QC174.17.G46
Geometrical crystallography
  Chemistry: QD911+
Geometrical drawing: QA464
Geometrical instruments
  Mathematics: QA77+
Geometrical models
  Mathematical statistics: QA276.23
Geometrical optics: QC380+
Geometrical wave mechanics: QC174.24.G4
Geometridae: QL561.G6
Geometrodynamics: QC173.59.G44
Geometry: QA440+
  Mathematical physics: QC20.7.G44
Geometry, Algebraic
  Elementary particle physics: QC793.3.G46
Geometry and trigonometry (combined): QA529
Geometry of masses: QA839
Geometry of numbers: QA241.5
Geomicrobiology: QR103
Geomyidae: QL737.R654
Geophilellidae: QL449.85.G4
Geophilidae: QL449.55.G4
Geophysics: QC801+
Georyssidae: QL596.G47
Geosciences, High pressure
  Geology: QE33.2.H54
Geosiridaceae: QK495.G37
Geosynclines: QE607+
Geothermal power plants
  Effect on plants and animals: QH545.G46
Geotriidae: QL638.25.G45
Geotropism
  Plant physiology: QK776
Geotrupidae: QL596.G48
Geraniaceae: QK495.G38
Geranium
  Botany: QK495.G38
Gerbils: QL737.R666
Germ cells
  Embryology: QL964+
Germanium
  Chemical element: Q1 .G5
  Semiconductor physics: QC611.8.G4
Germanium organic compounds
  Animal biochemistry: QP801.G47
Germfree life
  Biological research: QH324.4
Germinal centers
  Immune structures: QR185.8.G4
Germination
  Plant physiology: QK740
Germplasm
  Microbiology: QR171.G47
Germplasm resources
  Plants: QK981.7
Gerridae: QL523.G4, QL638.G43
Gervaisiidae: QL449.65.G4
Gesneriaceae: QK495.G4
Gestation
  Physiology: QP281
Gesture
  Mathematics teaching: QA20.G47
Geysers
  Geology: QE528
Ghrelin
  Animal biochemistry: QP572.G45
Giant chromosomes
  Cytology: QH600.6
Giant lacewings: QL513.P6
Giant nuclear magnetic resonance
  Physics: QC762.6.G53
Giant panda: QL737.C27
Giant salamanders: QL668.C24
Giant silkworm moths: QL561.S2
Giant waterbugs: QL523.B4
Giardiasis
  Microbiology: QR201.G45
Gibberellic acid
  Effect on plants: QK753.G5
Gibberellins
  Effect on plants: QK753.G5
  Plant constituent: QK898.G45
Gibberichthyidae: QL638.G45
Gibbons: QL737.P943
  Anecdotes and stories: QL795.G5

Gibbs paradox (Quantum mechanics): QC174.17.G5
Gigantactinidae: QL638.G455
Giganturidae: QL638.G5
Gigartinaceae: QK569.G5
Gila monsters
  Zoology: QL666.L247
Gills
  Anatomy: QL846
Ginger
  Botany: QK495.Z65
Ginglymostomatidae: QL638.95.G55
Ginkgoaceae: QK494.5.G48
Ginkgoales
  Paleobotany: QE977.3
Ginseng
  Botany: QK495.A6853
Giraffe
  Anecdotes and stories: QL795.G55
Giraffidae: QL737.U56
Girdle-tailed lizards: QL666.L234
GIS (Geographic information systems)
  Marine biology: QH91.57.G46
Glacial cosmogony: QB980+
Glacial epoch: QE697+
Glacial erosion
  Geology: QE575+
Glacial isostasy: QE511
Glaciers
  Microbiology: QR131.G58
Glaciers and climate
  Meteorology: QC981.8.I23
Glanders
  Microbiology: QR201.G5
Glands
  Anatomy: QL865+
  Human anatomy: QM368+
  Physiology: QP186+
Glands, Salivary
  Human anatomy: QM325
Glaphyridae: QL596.G5
Glareolidae: QL696.C448
Glass
  Analytical chemistry: QD139.G5
  Atomic physics: QC173.4.G53
  Electrochemistry: QD575.G53
  Spectra: QC464.G55
Glass blowing and working
  Chemical laboratories: QD63.G5
Glass electrodes: QD572.G53
Glass frogs: QL668.E23
Glass in optical instruments: QC375
Glass knifefishes: QL638.S83
Glass lizards: QL666.L2254
Glauconite
  Mineralogy: QE391.G5
Glaucosomitidae: QL638.G55
Glaze
  Meteorology: QC929.G4
Gleason measures (Quantum mechanics): QC174.17.G56
Glial fibrillary acidic protein
  Animal biochemistry: QP552.G45
Gliridae: QL737.R656
Global analysis
  Mathematical physics: QC20.7.G55
  Quantum mechanics: QC174.17.G57
  Topology: QA614+
Global differential geometry: QA670+
Global radiation
  Meteorology: QC912.55
Global Riemannian geometry: QA671
Global temperature changes: QC902.8+
Global warming
  Meteorology: QC981.8.G56
Globes, Astronomical: QB66
Globin
  Animal biochemistry: QP552.G5
Globular clusters: QB853.5
Globulariaceae: QK495.G56
Globulins
  Animal biochemistry: QP552.G55
Glomeridae: QL449.65.G5
Glomeridesmidae: QL449.65.G53
Glossidae: QL430.7.G55
Glossinidae: QL537.G4
Glow discharge
  Electric discharge through gases: QC711.8.G5
Glowworms: QL596.P47
Glucagon
  Animal biochemistry: QP572.G5
Glucagon-like peptide 1
  Animal biochemistry: QP572.G52
Glucan phosphorylase
  Animal biochemistry: QP606.G5
Glucans
  Animal biochemistry: QP702.G48
Glucaric acid
  Animal biochemistry: QP801.G56
Glucides
  Animal biochemistry: QP702.G5
Glucinum
  Chemical element: Q1 .B4
Glucocorticoids
  Animal biochemistry: QP572.G54
Glucokinase
  Animal biochemistry: QP606.G57
Glucosamine
  Animal biochemistry: QP702.G55
Glucose
  Animal biochemistry: QP702.G56
  Microbial metabolism: QR92.G5
  Plant constituent: QK898.G475
Glucose-6-phosphatase
  Animal biochemistry: QP609.G38

Glucose dehydrogenase
Animal biochemistry: QP603.G55
Glucosephosphate dehydrogenase
Animal biochemistry: QP603.G57
Glucosidases
Animal biochemistry: QP609.G4
Glucosides
Organic chemistry: QD325
Glucuronic acid
Animal biochemistry: QP702.G57
Glucuronides
Animal biochemistry: QP702.G572
Glucuronosyltransferase
Animal biochemistry: QP606.G573
Gluons
Elementary particle physics: QC793.5.G552+
Glutamate dehydrogenase
Plant constituent: QK898.G48
Glutamic acid
Animal biochemistry: QP562.G5
Glutamic acid polymers
Organic chemistry: QD383.G57
Glutamic-aspartic transaminase
Animal biochemistry: QP606.G58
Glutamine
Animal biochemistry: QP562.G55
Glutamine synthetase
Animal biochemistry: QP619.G58
Glutaric acid
Animal biochemistry: QP801.G57
Glutathione
Animal biochemistry: QP552.G58
Plant constituent: QK898.G485
Glutathione transferase
Animal biochemistry: QP606.G59
Gluten
Plant constituent: QK898.G49
Glycerides
Animal biochemistry: QP752.G5
Glycerol
Animal biochemistry: QP752.G55
Glycine
Animal biochemistry: QP562.G58
Glycoasparaginase
Animal biochemistry: QP609.G44
Glycocalces, Bacterial
Microbiology: QR77.5
Glycocalyces
Cytology: QH603.G55
Glycocoll
Animal biochemistry: QP562.G58
Glycoconjugates
Animal biochemistry: QP702.G577
Glycogen
Animal biochemistry: QP702.G58
Glycogen phosphorylase
Animal biochemistry: QP606.G592
Glycolic acid
Animal biochemistry: QP801.G63
Glycolipids
Animal biochemistry: QP752.G56
Glycopeptides
Animal biochemistry: QP552.G59
Glycoprotein hormones
Animal biochemistry: QP572.G58
Glycoproteins
Animal biochemistry: QP552.G59
Plant constituent: QK898.G497
Glycosidases
Animal biochemistry: QP609.G45
Glycosides
Animal biochemistry: QP702.G59
Organic chemistry: QD325
Plant constituent: QK898.G5
Glycosphingolipids
Animal biochemistry: QP752.G58
Glycosylated hemoglobin
Blood constituents: QP99.3.G55
Glycosyltransferases
Animal biochemistry: QP606.G6
Glycyphagidae: QL458.2.G4
Glyphipterygidae: QL561.G65
Glyphosate
Effect on plants and animals: QH545.G55
Gmelinite
Mineralogy: QE391.G55
Gnaphosidae: QL458.42.G5
Gnathostomulida: QL391.G63
Gneiss: QE475.G55
Gnetaceae: QK494.5.G565
Gnetales
Paleobotany: QE977.4
GNN
Data processing system: QA76.57.G48
Gnomoniaceae: QK623.G55
Gnostidae: QL596.G6
Go (Computer program language): QA76.73.G63
Goatfishes: QL638.M85
Goats
Laboratory manuals: QL813.G63
Goatsuckers: QL696.C23
Gobies: QL638.G7
Gobiesocidae: QL638.G6
Gobiidae: QL638.G7
Gobioididae: QL638.G73
Goblin shark: QL638.95.M58
Gödel numbers: QA9.65
Gödel's theorem: QA9.65
Goeridae: QL518.G6
Gold
Chemical element: Q1 .A9
Mineralogy: QE391.G6
Gold alloys
Analytical chemistry: QD137.G6

Gold ores
  Mineralogy: QE390.2.G65
Golden moles: QL737.A352
Golgi apparatus
  Cytology: QH603.G6
Gomortegaceae: QK495.G65
Gomphaceae: QK629.G6
Gomphidae: QL520.3.G6
Gonadotropin
  Animal biochemistry: QP572.G6
Gonatidae: QL430.3.G66
Gondwana: QE511.5
Goniatitidae
  Paleozoology: QE807.G56
Gonibregmatidae: QL449.55.G66
Gonidomataceae: QK569.G7
Goniometers: QC103
Goniometric measurements (Crystallography): QD915
Gonorhnchidae: QL638.G75
Gonorhynchiformes
  Paleozoology: QE852.G65
Gonorrhea
  Microbiology: QR201.G7
Gonorynchiformes: QL637.9.G6
Gonostomatidae: QL638.G8
Gonyleptidae: QL458.52.G6
Goodeidae: QL638.G82
Goodeniaceae: QK495.G655
Goosefishes: QL638.L75
Goosefoot
  Botany: QK495.C46
Gordiacea: QL391.N5
Gorillas
  Anecdotes and stories: QL795.G7
Gorytidae: QL568.G6
Gosibiidae: QL449.55.G68
Gourd
  Botany: QK495.C96
Government policy
  Computer science: QA76.9.G68
Governmental standardizing bureaus: QC100.A2+
Gracilariaceae: QK569.G8
Gradungulidae: QL458.42.G7
Graft copolymers
  Organic chemistry: QD382.G7
Grain
  Nutrition: QP144.G73
Grallinidae: QL696.P2468
Gram-positive bacterial infections
  Microbiology: QR201.G76
Gramicidins
  Animal biochemistry: QP552.G7
Gramineae: QK495.G74
Grammatidae: QL638.G844
Grammicolepididae: QL638.G843
Grammistidae: QL638.G848
Grammysiidae
  Paleozoology: QE812.G7
Grand unified theories
  Nuclear interactions: QC794.6.G7
Granite
  Petrology: QE462.G7
Granodiorite: QE462.G75
Grants, Private
  Science research: Q180.55.G7
Granular computing
  Computer science: QA76.9.S63
Granulation of the sun: QB539.G7
Granulite: QE475.G7
Granulocyte antigens
  Immunology: QR186.6.G73
Granulocytes
  Immunology: QR185.8.G73
  Physiology: QP95.4
Grape
  Botany: QK495.V55
Graph algorithms
  Algebra: QA166.245
Graph coloring
  Algebra: QA166.247
Graph connectivity: QA166.243
Graph labelings
  Algebra: QA166.197
Graph theory
  Algebra: QA166+
  Chemistry: QD39.3.G73
  Mathematical physics: QC20.7.G7
Graphic algebra: QA219
Graphic methods
  Mathematical statistics: QA276.3
  Physical chemistry: QD455.3.G7
Graphical calculating: QA71+
Graphical user interfaces
  Computer science: QA76.9.U83
Graphidaceae: QK585.G8
Graphiolaceae: QK627.6
Graphiolales: QK627.6
Graptolithina
  Paleozoology: QE840.5
Grass
  Botany: QK495.G74
Grasshoppers
  Laboratory manuals: QL813.G73
  Zoology: QL508.A2
Grassland birds
  Zoology: QL677.79.G73
Grassland ecology: QH541.5.P7
Grasslands
  Biogeography: QH87.7
  Botany: QK938.P7
  Ecology: QH541.5.P7
  Zoology: QL115.3+
Graveldivers: QL638.S45

Gravitation, Constant of
  Geodesy: QB341
Gravitation, Theories of (Atomic physics): QC178
Gravitational interactions
  Nuclear physics: QC794.8.G7
Gravitational lenses: QB857.5.G7
Gravitational radiation
  Atomic physics: QC179
Gravitational waves
  Atomic physics: QC179
Gravity
  Effect on cells: QH657
  Mars (Planet): QB643.G73
  Physiological effect: QP82.2.G7
Gravity anomalies: QB337+
Gravity determinations: QB330+
Gravity observations: QB334+
Gray matter, Periaqueductal
  Neurophysiology: QP378.4
Gray whales: QL737.C425
Graybacks: QL520.3.P4
Grazing incidence
  Optics: QC437
Great Attractor (Cosmology): QB991.G73
Great Barrier Reef (Qld.)
  Geology: QE566.G7
Grebes: QL696.P586
Greedoids
  Algebra: QA166.6
Greek early works on mathematics: QA31
Green algae: QK569.C6
Green-eyed skimmers: QL520.3.C68
Green fluorescent protein
  Animal biochemistry: QP552.G73
Greeneyes: QL638.C549
Greenhouse effect
  Meteorology: QC912.3
Greenlings: QL638.H49
Green's functions
  Electrochemistry: QD555.6.G74
Green's functions (Quantum mechanics): QC174.17.G68
Greenstone: QE462.G77
Gregale
  Meteorology: QC939.G73
Gregarinida: QL368.G8
Gregoryinidae: QL638.G85
Grenadiers (Fishes)
  Zoology: QL638.M2
Grenz rays: QC482.G68
Gressores
  Paleozoology: QE872.C53
Grids, Computational (Computer systems: QA76.9.C58
Grimaldiaceae: QK555.G7
Grimmiaceae: QK539.G7
Griseliniaceae: QK495.G745
Gromiida: QL368.G85
Grooming behavior
  Animals: QL760
Grossulariaceae: QK495.G75
Ground beetles: QL596.C2
Ground sharks: QL638.94.C37
Groundrollers: QL696.C725
Groundwater
  Ecology: QH541.5.G76
  Zoology: QL118
Groundwater ecology: QH541.5.G76
Group guidance
  Mathematics teaching aid: QA20.G76
Group rings (Algebra): QA251.35
Group selection
  Biology: QH376
Group theory
  Algebra: QA174+
  Mathematical physics: QC20.7.G76
  Physical chemistry: QD455.3.G75
  Quantum mechanics: QC174.17.G7
Groupoids
  Algebra: QA181
Grouse (Phasianidae): QL696.G27
Growth
  Developmental physiology: QP84
  Life: QH511
  Plant physiology: QK731+
Growth chambers: QK715.5
Growth factors
  Animal biochemistry: QP552.G76
  Plant physiology: QK745
Growth hormone releasing factor
  Animal biochemistry: QP572.G75
Grubbiaceae: QK495.G76
Gruidae: QL696.G84
Gruiformes: QL696.G8+
  Paleozoology: QE872.G8
Grunts: QL638.H23
Gryllacrididae: QL508.G7
Gryllidae: QL508.G8
Grylloblattidae: QL509.3
Grylloblattodea: QL509.3
Gryllotalpidae: QL508.G87
Gryphaeidae
  Paleozoology: QE812.G78
  Zoology: QL430.7.G78
Guanidine
  Animal biochemistry: QP801.G8
Guanidines
  Animal biochemistry: QP801.G83
Guanosine triphosphatase
  Animal biochemistry: QP609.G83
Guans: QL696.G23
Guanylate cyclase
  Animal biochemistry: QP613.G8
Guidance, Group
  Mathematics teaching aid: QA20.G76

Guineafowl
  Zoology: QL696.G258
Guitarfishes: QL638.85.R4
Gulls
  Zoology: QL696.C46
Gulper sharks: QL638.95.C36
Gums and resins
  Biochemistry: QD419+
  Spectra: QC463.G84
Gundis
  Zoology: QL737.R64
Gunnbjarnite
  Mineralogy: QE391.G8
Gunnels: QL638.P56
Gunneraceae: QK495.G83
Guttiferae: QK495.G87
GW-BASIC (Computer program language): QA76.73.G25
Gymnarchidae: QL638.G87
Gymnodontidae: QL638.T32
Gymnolaemata
  Paleozoology: QE799.G95
Gymnophiona: QL668.A6+
Gymnosperms
  Botany: QK494+
  Paleobotany: QE975+
Gymnostomatida: QL368.G9
Gymnotidae: QL638.G9
Gymnotiformes: QL637.9.G94
Gymnuridae: QL638.85.G9
Gynoecium: QK659
Gyponidae: QL527.C49
Gypsum
  Mineralogy: QE391.G93
Gyrinidae: QL596.G8
Gyrinocheilidae: QL638.G95
Gyropidae: QL540.3.G9
Gyroscope
  Rigid dynamics: QA862.G9
Gyrostemonaceae: QK495.G877
Gyrotrons
  Plasma physics: QC718.5.G95

H

H-2 locus
  Immunogenetics: QR184.3+
H-spaces
  Topology: QA612.77
H-Y antigen: QR184.35
Habitat conservation: QH75+
Habitat suitability index models
  Ecology: QH541.15.H34
Habitat surveys
  Ecology: QH541.15.S95
Habitations
  Animal behavior: QL756+
Hadamard matrices
  Algebra: QA166.4
Hadamard transform spectroscopy
  Physics: QC454.H33
Hadrons
  Elementary particle physics: QC793.5.H32+
Hadrotarsidae: QL458.42.H3
Haematomyzidae: QL570.3.H34
Haematopinidae: QL570.3.H37
Haematopinoididae: QL570.3.H38
Haematopodidae: QL696.C452
Haemodoraceae: QK495.H15
Haemophilus infections
  Microbiology: QR201.H22
Haemosporida: QL368.H33
Haemulidae: QL638.H23
Hafnium
  Chemical element: Q1 .H5
Hagfishes: QL638.14+
Hahniidae: QL458.42.H33
Hail
  Meteorology: QC929.H15
Hair
  Anatomy: QL942
  Human anatomy: QM488
  Physiology: QP88.3
Hairs
  Shoots: QK650
Hairy fungus beetles: QL596.M92
Halacaridae: QL458.2.H3
Hale-Bopp comet: QB723.H17
Half-life
  Radioactive substances: QC795.8.H3
Halfbeaks: QL638.H46
Halictidae: QL568.H3
Halictophagidae: QL599.3.H3
Halides
  Mineralogy: QE389.4
Haliotidae: QL430.5.H34
Haliplidae: QL596.H2
Hall effect: QC612.H3
Halley's comet: QB723.H2
Hallucinogenic mushrooms: QK604.2.H34
Halobacteriovoraceae: QR82.H35
Halobiidae
  Paleozoology: QE812.H34
Halocyprida: QL444.O83
Halogen compounds
  Aliphatic compounds: QD305.H15
  Aromatic compounds: QD341.H8
Halogen organic compounds
  Animal biochemistry: QP801.H34
Halogenation
  Organic chemistry: QD281.H3
Halogens
  Geochemistry: QE516.H3
  Inorganic chemistry: QD165

Haloragaceae: QK495.H2
Halos
  Galaxies: QB857.5.H34
  Meteorological optics: QC976.H15
Halosauridae: QL638.H25
Hamamelidaceae: QK495.H3
Hamiltonian graph theory
  Algebra: QA166.18
Hamiltonian operator
  Quantum mechanics: QC174.17.H3
Hamiltonian systems
  Mathematical physics: QC20.7.H35
  Statistical physics: QC174.85.H35
  Topology: QA614.83
Hamilton's equations
  Analytic mechanics: QA871
Hammerhead sharks: QL638.95.S7
Hammerheads: QL696.C58
Hamsters: QL737.R666
  Anecdotes and stories: QL795.H3
  Laboratory manuals: QL813.H35
Hand
  Regional anatomy: QM548
Hand lenses
  Optical instruments: QC373.M33
Hand muscles
  Physiology: QP334
Handfishes: QL638.B7
Handlebodies
  Differential topology: QA613.658
Hang gliding
  Effect on plants and animals: QH545.H34
Hantavirus infections
  Microbiology: QR201.H24
Haplomitriaceae: QK555.H35
Haplosporida: QL368.H34
Haptens
  Immunology: QR186.6.H3
Haptoglobin
  Blood constituents: QP99.3.H3
Haptoglobins
  Animal biochemistry: QP552.H3
Hard disk management: QA76.9.H35
Hardness
  Crystallography: QD933
Hares
  Anecdotes and stories: QL795.H35
  Zoology: QL737.L32
Harmonic analysis: QA403+
Harmonic functions
  Potential theory: QA405
Harmonic maps: QA614.73
Harmonic motion
  Analytic mechanics: QA867
Harmonics (Electric waves)
  Physical optics: QC446.3.H37
Harpacticoida: QL444.C74
Harpagiferidae: QL638.H28
Harpagophoridae: QL449.65.H37
Harpodontidae: QL638.H3
Harriers (Birds): QL696.F32
Harvey
  Discovery of blood circulation: QP101.4
Hashing
  Computer science: QA76.9.H36
Haskell (Computer program language): QA76.73.H37
Hassium
  Chemical element: Q1 .H8
Haustoria
  Plant anatomy: QK644.5
Hawaiian honeycreepers
  Zoology: QL696.P246
Hawkfishes: QL638.C577
Hawks
  Zoology: QL696.F32
Hazard analysis
  Seismology: QE539.2.S34
  Volcanoes: QE527.6
Head
  Anatomy: QL950.5
  Regional anatomy: QM535
Head muscles
  Human anatomy: QM155
Health behavior
  Animals: QL756.6
Health, Ecosystem: QH541.15.E265
Hearing
  Physiology: QP460+
Hearing limits
  Physiology: QP463
Heart
  Anatomy: QL838
  Human histology: QM570.5
  Physiology: QP111+
Heart beat
  Physiology: QP113
Heart cells
  Physiology: QP114.C44
Heart membranes
  Physiology: QP114.M46
Heart vascular system
  Human anatomy: QM181
Heat
  Bacterial physiology: QR97.H4
  Effect on plants: QK755.5
  Physics: QC251+
  Physiological effect: QP82.2.H4
Heat, Animal
  Physiology: QP135
Heat budget
  Geophysics: QC809.E6
Heat conductance
  Plasma physics: QC718.5.T7
Heat of combustion: QD516

Heat of formation: QD516
  Physics: QC310
Heat of fusion
  Physics: QC303
Heat of solution
  Physics: QC310
Heat of vaporization
  Physics: QC304
Heat of wetting
  Physics: QC310
Heat production
  Cells: QH635
  Microbiology: QR94
Heat production in plants (Botany): QK755.5
Heat resistant polymers
  Organic chemistry: QD382.H4
Heat shock proteins
  Animal biochemistry: QP552.H43
  Immunology: QR186.6.H42
Heat transfer
  Physics: QC319.8+
Heat waves
  Weather: QC981.8.A5
Heath
  Botany: QK495.E68
Heathlands
  Botany: QK938.H4
  Ecology: QH541.5.H43
Heating
  Dielectrics: QC585.7.H4
Heating effects of electric currents: QC623
Heavy ion collisions
  Nuclear physics: QC794.8.H4
Heavy ion induced interactions
  Nuclear physics: QC794.8.H4
Heavy ions
  Electric discharge: QC702.7.H42
Heavy leptons
  Elementary particle physics: QC793.5.H34+
Heavy metals
  Effect on plants: QK753.H4
  Effect on plants and animals: QH545.H42
  Physiological effect: QP82.2.H44
Heavy minerals
  Mineralogy: QE364.2.H4
Heavy particles
  Physiological effect: QP82.2.H45
Hebetoceratidae
  Paleozoology: QE807.H4
Hebridae: QL523.H4
Hectopsyllidae: QL599.7.H4
Hedenbergite
  Mineralogy: QE391.H34
Hedgehogs: QL737.E753
  Anecdotes and stories: QL795.H4
Hedgerows
  Botany: QK938.H44
Hedges
  Botany: QK938.H44
Heisenberg principle: QC174.17.H4
Heleidae: QL537.C37
Helicarionidae: QL430.5.H37
Helicidae: QL430.5.H4
Helicindae: QL430.5.H45
Helicity
  Elementary particle physics: QC793.3.H44
Helicobacter pylori infections
  Microbiology: QR201.H44
Heliconiaceae: QK495.H35
Heliconiidae: QL561.H42
Helicopsychidae: QL518.H4
Helicosporida: QL368.H4
Heliocharitidae: QL520.3.H44
Heliodinidae: QL561.H44
Heliornithidae: QL696.G845
Helioseismology: QB539.I5
Heliosphere: QB529+
  Meteorology: QC881.2.H43
Heliostat
  Astronomical instruments: QB97
  Optical instruments: QC373.H5
Heliotropism
  Plant physiology: QK776
Heliozelidae: QL561.H448
Heliozoida: QL368.H5
Helium
  Chemical element: Q1 .H4
  Fluid mechanics: QC145.45.H4
Helminthoglyptidae: QL430.5.H46
Helminthology: QL392.A1+
Helodermatidae: QL666.L247
Helodidae: QL596.H38
Helogeneidae: QL638.H444
Helomyzidae: QL537.H44
Heloridae: QL568.H4
Helostomatidae: QL638.H448
Helotiaceae: QK623.H35
Helotidae: QL596.H4
Helotrephidae: QL523.H44
Helvellaceae: QK623.H4
Helvite
  Mineralogy: QE391.H38
Hemagglutination tests
  Antigen-antibody reactions: QR187.H38
Hematin
  Blood constituents: QP99.3.H35
Hematite
  Mineralogy: QE391.H4
Hematoblasts
  Blood constituents: QP99.3.H37
Hematopoiesis
  Physiology: QP92
Hematopoietic system
  Human histology: QM569.5

Hematoporphyrin
  Animal biochemistry: QP671.H4
Heme
  Animal biochemistry: QP671.H45
Heme oxygenase
  Animal biochemistry: QP603.H45
Hemerobiidae: QL513.H5
Hemerocallidaceae: QK495.H38
Hemicellulose
  Organic chemistry: QD323
  Plant constituent: QK898.H45
Hemichordata: QL612
  Paleozoology: QE840.5
Hemidiscaceae: QK569.H44
Hemimeridae: QL510.3.H4
Hemiodontidae: QL638.H45
Hemipeplidae: QL596.H43
Hemiphlebiidae: QL520.3.H45
Hemiphractidae: QL668.E237
Hemiprocnidae: QL696.A554
Hemiptera
  Paleozoology: QE832.H4
  Zoology: QL521+
Hemiramphidae: QL638.H46
Hemiscorpiidae: QL458.72.H45
Hemoblobin polymorphisms
  Genetics: QH447.63.H45
Hemocyanin
  Blood constituents: QP99.3.H4
Hemodynamics
  Physiology: QP105+
Hemoerythrin
  Blood constituents: QP99.3.H45
Hemoglobin
  Blood constituents: QP96.5
Hemolysis
  Antigen-antibody reactions: QR187.H4
  Blood physiology: QP99.5.H4
Hemolytic plaque technique
  Antigen-antibody reactions: QR187.H45
Hemoproteins
  Animal biochemistry: QP552.H46
Henicocephalidae: QL523.E65
Henicopidae: QL449.55.H4
Heparin
  Animal biochemistry: QP702.H4
Hepaticae: QK551+
Hepatitis vaccines: QR189.5.H46
Hepatitis, Viral
  Microbiology: QR201.H46
Hepatocyte growth factor
  Animal biochemistry: QP552.H48
Hepialidae: QL561.H47
Heppiaceae: QK585.H48
Hepsetidae: QL638.H47
Heptageniidae: QL505.3.H4
Heptapsogastridae: QL540.3.H4
Herbicides
  Effect on plants: QK753.H45
  Effect on plants and animals: QH545.H47
Herbig-Haro objects
  Astronomy: QB855.55
Herbivora
  Paleozoology: QE882.H47
Hercynite
  Mineralogy: QE391.H5
Heredity and environment
  Genetics: QH438.5
Heresy in science: Q172.5.H47
Hermaeidae: QL430.5.S75
Hermanniidae: QL458.2.H38
Hermaphroditism
  Physiology: QP267
Hernandiaceae: QK495.H42
Herons
  Zoology: QL696.C52
Herpes simplex virus
  Virology: QR400.2.H47
Herpestidae: QL737.C235
Herpesvirus infections
  Microbiology: QR201.H48
Herpesvirus vaccines: QR189.5.H48
Herpesviruses
  Virology: QR400+
Herrings
  Zoology: QL638.C64
Hersiliidae: QL458.42.H47
Hesperiidae: QL561.H5
Hesperinidae: QL537.H48
Heterenchelyidae: QL638.H484
Heteroceridae: QL596.H45
Heterochain polymers
  Organic chemistry: QD382.H48
Heterocheylidae: QL458.2.H4
Heterochlorida: QL368.H53
Heterochrony
  Biology: QH395
Heterocyclic chemistry
  Organic chemistry: QD399+
Heterocyclic compounds
  Organic chemistry: QD399+
  Spectra: QC463.H4
Heterodontidae: QL638.95.H4
  Paleozoology: QE852.H37
Heterogeneous computing: QA76.88
Heterogynidae: QL561.H53
Heteromyidae: QL737.R66
Heteropediaceae: QK569.H46
Heteropneustidae: QL638.H486
Heteropodidae: QL458.42.H48
Heteroptera
  Zoology: QL521+
Heteroscorpionidae: QL458.72.H48

Heterosphere
  Meteorology: QC881.2.H48
Heterostraci
  Paleozoology: QE852.H4
Heterothripidae: QL598.3.H4
Heterotrichida: QL368.H55
Heulandite
  Mineralogy: QE391.H55
Hexactinellida: QL373.H6
Hexagrammidae: QL638.H49
Hexahedrites
  Astronomy: QB757.5.H49
Hexanchidae: QL638.95.H48
Hexanchiformes: QL638.94.H49
Hexapoda
  Paleozoology: QE831+
Hexatrygonidae: QL638.85.H48
Hexazinone
  Effect on plants and animals: QH545.H49
Hexisopodidae: QL458.82.H4
Hexosamines
  Animal biochemistry: QP702.H45
Hexosediphosphatase
  Animal biochemistry: QP609.H5
Hiatellidae: QL430.7.H53
Hibernation
  Animal behavior: QL755
Hierarchies
  Recursion theory
    Mathematical logic: QA9.62
Hieroglyphics
  Mathematics teaching: QA20.H54
High-brightness accelerators
  Nuclear physics: QC787.H53
High density lipoproteins
  Blood constituents: QP99.3.H53
High energy interactions
  Nuclear physics: QC794.8.H5
High energy physics
  Elementary particle physics: QC793.3.H5
High performance computing: QA76.88
High performance liquid chromatography
  Animal biochemistry: QP519.9.H53
  Microbiology: QR69.H54
High pressure
  Mineralogy: QE364.2.H54
  Physics: QC280+
High pressure biochemistry
  Animal biochemistry: QP517.H53
High pressure chemistry: QD538
High pressure geosciences
  Geology: QE33.2.H54
High pressure ionization chambers
  Nuclear physics: QC787.H54
High pressure systems
  Meteorology: QC880.4.H54
High resolution spectroscopy
  Physics: QC454.H618
High temperature
  Plasma physics: QC718.5.H5
High temperature chemistry: QD515
High temperature superconductors: QC611.98.H54
High temperatures
  Physics: QC276+
High temperatures of gases: QC164.5
Higher albegraic curves: QA565+
Higher algebra: QA155
Higher algebraic surfaces: QA571+
Higher congruences
  Number theory: QA244
Higher geometrical drawing (Plane): QA497
Higher nervous activity
  Neurophysiology: QP395
Hiking
  Effect on plants and animals: QH545.H54
Hilarimorphidae: QL537.H54
Hilbert space
  Quantum mechanics: QC174.17.H55
Hilbert spaces: QA322.4
Hillstream loaches: QL638.B153
Himantandraceae: QK495.H5
Himantariidae: QL449.55.H5
Himantolophidae: QL638.H54
Hiodontidae: QL638.H56
Hipbone
  Human anatomy: QM115
Hippoboscidae: QL537.H57
Hippocampus
  Anatomy: QL938.H56
  Neurophysiology: QP383.25
Hippocastanaceae: QK495.H65
Hippocrateaceae: QK495.H66
Hippopotami
  Anecdotes and stories: QL795.H6
  Zoology: QL737.U57
Hippopotamidae: QL737.U57
Hipposideridae: QL737.C533
Hippuric acid
  Animal biochemistry: QP801.H45
Hippuridaceae: QK495.H67
Hippuritidae
  Paleozoology: QE812.H57
Hippuritoida (Rudists)
  Paleozoology: QE812.H573
Hirundinidae: QL696.P247
Hispidae: QL596.H48
Histaminase
  Animal biochemistry: QP603.H55
Histamine
  Animal biochemistry: QP801.H5
Hister beetles: QL596.H5
Histeridae: QL596.H5

Histidine
  Animal biochemistry: QP562.H5
Histochemistry
  Cytology: QH613
Histocompatibility
  Immunogenetics: QR184.3+
Histocompatibility antigens, Minor: QR184.34+
Histocompatibility complex, Major: QR184.315
Histocompatibility testing: QR187.H57
Histology
  Plant anatomy: QK671
Histology, Comparative: QL807
Histones
  Animal biochemistry: QP552.H5
History
  Algebra: QA151
  Analytic mechanics: QA802
  Botany: QK15+
  Computer science: QA76.17
  Geometry: QA443.5
  Mathematics: QA21+
  Natural history: QH15+
  Numeration: QA141.2
  Science: Q124.6+
  Topology: QA611.A3
HIV
  Virology: QR414.6.H58
HIV infections
  Microbiology: QR201.A37
HLA antigens: QR184.32
Hoarfrost
  Meteorology: QC929.H6
Hoatzins: QL696.G26
Hodotermitidae: QL529.3.H6
Hog cholera
  Microbiology: QR201.H7
Holes
  Semiconductor physics: QC611.6.H6
Holly
  Botany: QK495.A67
Holmes comet: QB723.H7
Holmium
  Chemical element: Q1 .H7
Holocene, Recent
  Paleobotany: QE931.3
  Paleontology: QE741.3
  Stratigraphy: QE699
Holocentridae: QL638.H64
Holocephali
  Paleozoology: QE852.C48
Holography
  Physics: QC449+
Holography, Acoustic: QC244.5
Holography, Electron: QC449.3
Holothurioidea: QL384.H7
  Paleozoology: QE783.H7
Holotricha: QL368.A22
Homalonychidae: QL458.42.H6
Home experiments
  Chemistry: QD38
  Physics: QC26
  Science: Q164
Home science experiments: Q164
Homeobox genes: QH447.8.H65
Homeostasis
  Physiology: QP90.4
Homoeogamiidae: QL505.7.H6
Homogeneous spaces
  Mathematical physics: QC20.7.H63
Homological algebra: QA169
Homology theory
  Mathematical physics: QC20.7.H65
  Topology: QA612.3+
Homoplasy
  Biology: QH372.5
Homoptera
  Paleozoology: QE832.H65
  Zoology: QL525+
Homosexuality
  Animal life: QP81.6
Homosphere
  Meteorology: QC881.2.H6
Homotopy equivalences
  Topology: QA612.72
Homotopy groups
  Topology: QA612.78
Homotopy theory
  Topology: QA612.7+
Honey bush
  Botany: QK495.M524
Honeybees: QL568.A6
Honeycreepers: QL696.P236
Honeyeaters: QL696.P249
Honeyguides: QL696.P55
Honeysuckle
  Botany: QK495.C199
Hoofs
  Anatomy: QL942
Hookeriaceae: QK539.H64
Hoopoes: QL696.U68
Hopf algebras: QA613.8
Hoplestigmataceae: QK495.H7
Hoplichthyidae: QL638.H67
Hoplocercidae: QL666.L248
Hoplopleuridae: QL570.3.H64
Hopping conduction
  Solid state physics: QC176.8.H66
Hopscotch (Computer program language): QA76.73.H57
Horaichthyidae: QL638.H68
Hormone control
  Heart physiology: QP114.H6
Hormone inhibition
  Animal biochemistry: QP571.5

Hormone receptors
  Animal biochemistry: QP571.7
Hormones
  Animal biochemistry: QP571+
  Microbial metabolism: QR92.H6
  Plant constituent: QK898.H67
Hormuridae: QL458.72.H67
Hornbills: QL696.C729
Hornblendite: QE462.H67
Hornets
  Anecdotes and stories: QL795.H65
  Zoology: QL568.V5
Horns
  Anatomy: QL942
Horntails: QL568.S57
Hornwort: QK495.C4
Hornworts: QK563.75+
Horse bots: QL537.G3
Horse chestnut
  Botany: QK495.H65
Horsehair worms: QL391.N5
Horsehead Nebula: QB855.9.H67
Horseradish tree
  Botany: QK495.M74
Horses
  Zoology: QL737.U62
Horses, Wild
  Anecdotes and stories: QL795.H7
Horseshoe bats: QL737.C58
Hortonolite
  Mineralogy: QE391.H8
Hot carriers
  Semiconductor physics: QC611.6.H67
Hot laboratories
  Nuclear chemistry: QD604.8+
Hot spots
  Radio astronomy: QB479.55.H68
Hot spring ecology: QH541.5.H65
Hot springs
  Ecology: QH541.5.H65
  Geology: QE528
  Microbiology: QR107
  Zoology: QL147
Houndsharks: QL638.95.T75
Hourglasses
  Astronomy: QB214
Houseflies
  Zoology: QL537.M8
Household ecology: QH541.5.H67
Hoverflies: QL537.S9
Howler monkeys: QL737.P915
HP-GL/2 (Computer program language): QA76.73.H6
HTLV infections
  Microbiology: QR201.H86
HTML (Document markup language): QA76.76.H94
Hubbardiidae
  Zoology: QL458.692.H82
Huebnerite: QE391.H84
Huias: QL696.P224
Human anatomy: QM1+
Human anatomy, Comparative: QM24
Human biology: QP34+
Human computation
  Computer science: QA76.9.H84
Human-computer interaction: QA76.9.H85
Human embryology
  Human anatomy: QM601+
Human factors
  Computer software: QA76.76.H85
Human genetics
  Biology: QH431
Human histology
  Human anatomy: QM550+
Human immunogenetics: QR184.2
Human physiology: QP34+
Human-plant relationships
  Botany: QK46.5.H85
Humans and animals: QL85
Humidity
  Meteorology: QC915+
  Physiological effect: QP82.2.H8
Humiriaceae: QK495.H8
Humite
  Mineralogy: QE391.H86
Hummingbirds
  Zoology: QL696.A558
Humoral immunity: QR185.4
Humpbacked flies: QL537.P46
Hunger
  Physiology: QP137+
Huperziaceae: QK524.H87
Hurricanes
  Meteorology: QC944+
Hutias: QL737.R63
Hyacinths: QK495.A83
Hyaenidae: QL737.C24
Hyaloscyphaceae: QK623.H76
Hyalospongea: QL373.H6
Hyaluronic acid
  Animal biochemistry: QP702.H8
Hyaluronidase
  Animal biochemistry: QP609.H8
Hyblaeidae: QL561.H9
Hybosoridae: QL596.H78
Hybrid computers: QA76.38
Hybrid zones
  Animals: QH425
  Evolution: QH421+
Hybridization
  Animals: QH425
  Evolution: QH421+
  Plants: QK982
Hybridomas: QR185.8.H93
Hydnaceae: QK629.H8

Hydnoraceae: QK495.H84
Hydrachnidae: QL458.2.H9
Hydraenidae: QL596.H79
Hydrargyrum
  Chemical element: Q1 .H6
Hydrates
  Physical chemistry: QD474
Hydration
  Chemistry: QD63.H87
Hydrazides
  Aliphatic compounds: QD305.A7
  Aromatic compounds: QD341.A7
Hydrazines
  Animal biochemistry: QP801.H78
Hydrazo compounds
  Aliphatic compounds: QD305.A9
  Aromatic compounds: QD341.A9
Hydride electrodes: QD572.H94
Hydrides
  Spectra: QC464.H93
Hydrobatidae: QL696.P64
Hydrobiidae: QL430.5.H9
Hydroboration
  Organic chemistry: QD281.H78
Hydrocarbon compounds
  Mineralogy: QE389.8+
Hydrocarbons
  Aliphatic compounds: QD305.H5+
  Animal biochemistry: QP801.H9
  Aromatic compounds: QD341.H9
  Effect on plants and animals: QH545.H92
  Radiation chemistry: QD651.H93
  Spectra: QC463.H9
Hydrocaryaceae
  Botany: QK495.T66
Hydrochaeridae: QL737.R662
Hydrocharitaceae: QK495.H86
Hydrochloric acid
  Spectra: QC464.H934
Hydrodynamics
  Analytic mechanics: QA911+
  Plasma physics: QC718.5.H9
Hydroelectric power plants
  Effect on plants and animals: QH545.H93
Hydroformylation
  Organic chemistry: QD281.H79
Hydrogen
  Chemical element: Q1 .H1
  Fluid mechanics: QC145.45.H9
  Microbial metabolism: QR92.H8
Hydrogen bonding
  Animal biochemistry: QP517.H93
Hydrogen fluoride
  Spectra: QC464.H936
Hydrogen, Interstellar: QB791.5
Hydrogen-ion concentration
  Bacterial physiology: QR97.A3
Hydrogen-ion concentration
  Effect on plants: QK753.H93
  Electrochemistry: QD562.H93
Hydrogenase
  Animal biochemistry: QP603.H88
Hydrogenation
  Chemistry: QD63.H9
  Organic chemistry: QD281.H8
Hydroids: QL377.H9
Hydrolases
  Animal biochemistry: QP608+
Hydrolysis
  Organic chemistry: QD281.H83
Hydromedusae: QL377.H9
Hydrometers
  Fluid mechanics: QC148.4
  Meteorology: QC916
Hydrometridae: QL523.H93
Hydrophiidae: QL666.O64
Hydrophilidae: QL596.H8
Hydrophyllaceae: QK495.H88
Hydropsychidae: QL518.H94
Hydroptilidae: QL518.H95
Hydroscaphidae: QL596.H85
Hydrosilylation
  Organic chemistry: QD281.H84
Hydrostachyaceae: QK495.H885
Hydrostatics
  Analytic mechanics: QA905+
  Fluid mechanics: QC145.5+
Hydrothermal alteration: QE390.5
Hydrothermal deposits: QE390.5
Hydrothermal vents
  Ecology: QH541.5.D35
  Marine microbiology: QR106.5
  Zoology: QL125.6
Hydroxylases
  Animal biochemistry: QP603.H9
Hydroxylation
  Organic chemistry: QD281.H85
Hydroxymethylglutaryl coenzyme A reductases
  Animal biochemistry: QP603.H92
Hydroxyprogesterone
  Animal biochemistry: QP572.H85
Hydrozoa: QL377.H9
  Paleozoology: QE779
Hydryphantidae: QL458.2.H98
Hyenas
  Zoology: QL737.C24
Hyeniales
  Paleobotany: QE965
Hygrobiidae: QL596.H9
Hygrometry
  Meteorology: QC915+
Hygrophoraceae: QK629.H86
Hyidae: QL458.62.H9
Hylidae: QL668.E24

Hylobatidae: QL737.P943
Hylomorphism
  Philosophy of science: Q175.32.H95
Hymenochaetaceae: QK629.H89
Hymenogastraceae: QK629.H9
Hymenomycetes: QK626+
Hymenophyllaceae: QK524.H9
Hymenopodidae: QL505.9.H94
Hymenoptera
  Paleozoology: QE832.H9
  Zoology: QL563+
Hymenostomatida: QL368.H87
Hynobiidae: QL668.C25
Hyocephalidae: QL523.H96
Hyper-branched polymers
  Organic chemistry: QD382.B73
Hyperbolic tables: QA55+
Hyperelliptic functions: QA345
Hyperfine interactions
  Nuclear magnetism: QC762.6.H94
Hyperfine spectra
  Physics: QC454.H9
Hyperfine structure
  Atomic physics: QC173.4.H95
Hypergeometric functions
  Analysis: QA353.H9
Hypergraphs
  Algebra: QA166.23
Hypermastigida: QL368.H9
Hypermedia
  Computer software: QA76.76.I59
Hyperoliidae: QL668.E244
Hyperons
  Elementary particle physics: QC793.5.H42+
Hyperoscelididae: QL537.C26
Hypersensitivity
  Immunology: QR188
Hyperspace
  Geometry: QA691+
HyperTalk (Computer program language): QA76.73.H96
Hypertext document markup languages: QA76.76.H94
Hypertext systems
  Computer software: QA76.76.H94
Hyphomycetes: QK625.A1
Hypnobryales: QK539.H95
Hypnotic conditions
  Physiology: QP425+
Hypocephalidae: QL596.H95
Hypochilidae: QL458.42.H9
Hypocreaceae: QK623.H86
Hypodermatidae: QL537.O4
Hypogastruridae: QL503.H9
Hypoglycin
  Animal biochemistry: QP552.H9
Hypogoeus fungi: QK604.2.H95
Hypokinesia
  Physiology: QP310.5
Hypomycetaceae: QK623.H87
Hypophthalmidae: QL638.H93
Hypopterygiaceae: QK539.H96
Hypoptychidae: QL638.H935
Hypositttidae: QL696.P2474
Hyposmocomidae: QL561.H97
Hypothalamic hormones
  Animal biochemistry: QP572.H9
Hypothalamic-pituitary-adrenal axis: QP188.H88
Hypothalamo-hypophyseal system
  Physiology: QP188.H9
Hypothalamus
  Anatomy: QL938.H94
  Neurophysiology: QP383.7+
Hypothermia
  Heart physiology: QP114.H94
Hypotheses, Testing of
  Mathematical statistics: QA277+
Hypotrichida: QL368.H95
Hypoxidaceae: QK495.H9
Hypsiprymnodontidae: QL737.M348
Hyracoidea: QL737.H85+
Hyraxes: QL737.H9
Hyriidae: QL430.7.H87
Hysteresigraph: QC755.675.H9
Hysteresis
  Magnetism: QC754.2.H9
Hysteriaceae: QK623.H88
Hystrichopsyllidae: QL599.7.H9
Hystrichothripidae: QL598.3.H9
Hystricidae: QL737.R664

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Ia antigens: QR184.4
Ibaliidae: QL568.I15
Ibises: QL696.C585
  Paleozoology: QE872.T5
IBM 360: QA76.8.I12
Icacinaceae: QK495.I25
Ice
  Freshwater biology: QH100
  Meteorology: QC926.3+
Ice crystals
  Cloud physics: QC921.6.C6
Ice plant
  Botany: QK495.A32
  Plant ecology: QK916
Ice sheets and climate
  Meteorology: QC981.8.I23
Iceland spar
  Mineralogy: QE391.C2
Icelidae: QL638.I13
Ichneumonidae: QL568.I2
Ichnology: QE720.5
Ichthyboridae: QL638.I15
Ichthyodectiformes: QE852.I35

Ichthyoliths: QE851.2
Ichthyology: QL614.8+
Ichthyophiidae: QL668.A65
Ichthyosauria: QE862.I2
Ichthyostegalia: QE868.I25
Icosteidae: QL638.I23
Ictaluridae: QL638.I3
Icteridae: QL696.P2475
Idempotents
  Mathematical physics: QC20.7.I33
Identification
  Botany: QK97.5
  Fungi: QK604.2.I36
Identities
  Algebra: QA164.9
Identity (Philosophical concept)
  Physics: QC6.4.I34
Idéologues (French philosophers)
  Philosophy of science: Q175.32.I34
Ideoroncidae: QL458.62.I3
Idiacanthidae: QL638.I35
Idiotypic networks
  Immunology: QR186.3
Idolothripidae: QL598.3.I3
IgA
  Immunology: QR186.8.A2
IgD: QR186.8.D2
IgE: QR186.8.E2
IgG: QR186.8.G2
IgM: QR186.8.M2
Igneous rocks
  Petrology: QE461+
Ignimbrite: QE462.I35
Iguanidae: QL666.L25
IKe bacteriophage: QR342.2.I43
Ilimaussite
  Mineralogy: QE391.I4
Illiciaceae: QK495.I4
Illinium
  Chemical element: Q1 .P5
Illuminating apparatus for microscopes: QH215
Illumination
  Astronomical instruments: QB115
Ilmenite: QE391.I44
Images
  Optics: QC397.5.I53
Imaging
  Neurophysiology: QP376.6
Imaging systems
  Astronomy: QB51.3.I45
Imbeddings
  Topology: QA611.21
Imidazole
  Spectra: QC463.I44
Imides
  Aliphatic compounds: QD305.I6
Imidoesters
  Aliphatic compounds: QD305.I6
Imino compounds
  Aromatic compounds: QD341.I6
Imino sugars
  Animal biochemistry: QP702.I45
Immersion in water
  Physiological effect: QP82.2.W35
Immersion method
  Determinative mineralogy: QE369.I55
Immidae: QL561.I45
Immobilization
  Cells: QH585.5.I45
  Zoology collecting technique: QL62.5
Immune complexes: QR185.8.I45
Immune recognition
  Immunology: QR185.95
Immune response
  Immunology: QR186+
Immune structures
  Immunology: QR185.7+
Immune system
  Phylogeny: QR184.6
Immunity
  Molecular aspects: QR185.6
Immunity, Acquired: QR185.3+
Immunity, Cellular: QR185.5
Immunity, Humoral: QR185.4
Immunity, Maternally acquired: QR185.33
Immunity, Natural: QR185.2
Immunoadsorption: QR187.I44
Immunoassay
  Animal biochemistry: QP519.9.I42
Immunoblotting
  Animal biochemistry: QP519.9.I43
Immunochemistry: QR183.6
Immunocomputers: QA76.875
Immunocytochemistry
  Immunology: QR187.I45
Immunodeficiency
  Immunology: QR188.35
Immunodiffusion: QR187.I46
Immunoelectrophoresis
  Microbiology: QR187.I47
Immunoenzyme technique
  Animal biochemistry: QP519.9.I44
Immunofluorescence: QR187.I48
Immunogenetics
  Immunology: QR184+
Immunoglobulin A: QR186.8.A2
Immunoglobulin-binding proteins
  Microbial metabolism: QR92.I4
Immunoglobulin D: QR186.8.D2
Immunoglobulin E: QR186.8.E2
Immunoglobulin G: QR186.8.G2
Immunoglobulin M: QR186.8.M2

Immunoglobulins
  Immunology: QR186.7+
Immunogold labeling: QR187.I482
Immunoinformatics: QR182.2.I46
Immunologic adjuvants: QR187.3
Immunologic memory: QR185.35
Immunology
  Fishes: QL638.97
  Insects: QL492.5
  Invertebrates: QL362.85
  Microbiology: QR180+
Immunology, Developmental: QR184.5
Immunology, Reproductive
  Physiology: QP252.5
Immunophenotyping: QR187.I486
Immunosuppression
  Immunology: QR188.45+
Immunotaxonomy: QR183.8
Immunotechnology: QR183.5
IMP dehydrogenase
  Animal biochemistry: QP603.I54
Impact
  Elasticity: QA937
Impact craters
  Geology: QE612+
Impedance spectroscopy
  Electrochemical analysis: QD116.I57
Imprinted polymers: QD382.I43
Imprinting
  Animals: QL763.2
Impulse propagation
  Nervous system: QP363
In situ hybridization: QH452.8
Inactivation
  Microbiology: QR69.I53
Inactivity
  Physiology: QP310.5
Inarticulata
  Paleozoology: QE797.I5
Incense tree
  Botany: QK495.B8
Incidence
  Optics: QC437
Inclusion bodies
  Cytology: QH603.I49
Inclusive interactions
  Nuclear physics: QC794.8.I52
Incompressible fluids
  Fluid dynamics: QC152
Incurvariidae: QL561.I5
Indefinite inner product spaces
  Functional analysis: QA322.5
Index theorems
  Topology: QA614.92
Indexes of plants: QK11
Indianite: QE391.I53
Indican
  Animal biochemistry: QP801.I4
Indicatoridae: QL696.P55
Indicators
  Analytical chemistry: QD77
  Ecology: QH541.15.I5
  Organic chemistry: QD271.3+
Indium
  Chemical element: Q1 .I5
Indium arsenide
  Semiconductor physics: QC611.8.I52
Individual device drivers
  Computer software: QA76.76.D49
Individualized instruction
  Mathematics teaching: QA20.I53
Indocyanine green
  Animal biochemistry: QP801.I43
Indolacetic acid
  Effect on plants: QK753.I5
Indole
  Animal biochemistry: QP801.I45
Indole alkaloids
  Plant constituent: QK898.I53
  Spectra: QC463.I5
Indostomidae: QL638.I4
Indridae: QL737.P945
Induced mutation
  Genetics: QH465.A1+
Induced radioactivity
  Physics: QC795.55.I5
Induced seismicity: QE539.2.I46
Inductance
  Electrodynamics: QC638
Induction
  Electrodynamics: QC638
  Electrostatics: QC581.I5
Induction coils
  Electrodynamics: QC645
Induction machines: QC573
Inductively coupled plasma spectrometry: QD96.I47
Industrial microbiology: QR53+
Inelastic scattering
  Nuclear interactions: QC794.6.S3
Inequalities of the moon's motion: QB392.I5
Inertia
  Descriptive mechanics: QC137
Inertial confinement fusion: QC791.775.P44
Infanticide
  Animals: QL762.5
Inference
  Philosophy of science: Q175.32.I54
Inferior planets: QB606+
Infinitary languages
  Mathematical logic: QA9.37
Infinite groups
  Algebra: QA178

Infinite products
  Mathematical series: QA295
Infinitesimal geometry: QA615+
Infinitesimal transformations: QA385+
Inflationary universe: QB991.I54
Inflorescence
  Spermatophytes: QK653+
Influenza
  Microbiology: QR201.I6
Influenza vaccines: QR189.5.I5
Information centers
  Science: Q223.2+
Information processing
  Neurophysiology: QP396
Information resources
  Climatic change: QC902.92
Information services
  Biology: QH303.15+
  Botany: QK9.3
  Chemistry: QD8.3
  Computer science information: QA76.162
  Ecology: QH541.183
  Fishes: QL614.74
  Geology: QE48.86
  Mathematics: QA41.5
  Natural history: QH13.3
  Paleontology: QE704.2
  Physics: QC5.35
  Planets: QB600.32
  Science: Q223.2+
  Zoology: QL9.3
Information theory
  Biology: QH507
  Cybernetics: Q350+
  Mathematics: QA10.4
  Optics: QC370
Information visualization
  Computer science: QA76.9.I52
INFORMIX-4GL (Computer program language):
  QA76.73.I22
Infrared astronomy: QB470.A1+
Infrared radition
  Planets: QB603.I52
Infrared spectroscopy
  Analytical chemistry: QD96.I5
  Animal biochemistry: QP519.9.I48
  Biological research: QH324.9.I5
Infrared spectrum
  Physics: QC457
Infrasonic waves
  Physiological effect: QP82.2.I45
Infrasonics (Physics): QC243.5
Infusoria
  Invertebrates: QL365
Ingestion
  Cells: QH634
  Physiology: QP147
Inhibin
  Animal biochemistry: QP572.I47
Inhibition
  Neurophysiology: QP365
Inhomogeneous materials
  Atomic physics: QC173.4.I53
Iniidae: QL737.C436
Initial value problems
  Differential equations: QA378
Injured wildlife, Rescue of
  Zoology: QL83.2
Inner Bremsstrahlung: QC484.6.I5
Inner product spaces
  Functional analysis: QA322.4
Inoceliidae: QL513.I5
Inoceramidae
  Paleozoology: QE812.I5
Inorganic acids
  Inorganic chemistry: QD167
Inorganic chemistry: QD146+
Inorganic chemistry, Physical: QD475
Inorganic polymers: QD196
Inorganic reaction mechanisms: QD502.5
Inorganic scintillators
  Radiation physics: QC476.75
Inorganic substances
  Animal biochemistry: QP531+
  Spectra: QC464.A+
Inorganic synthesis: QD156
Inosine
  Animal biochemistry: QP625.I54
Inositol
  Animal biochemistry: QP772.I5
  Plant constituent: QK898.I55
Input design
  Computer science: QA76.9.I55
Insect venoms
  Animal biochemistry: QP632.I57
Insecticides
  Animal biochemistry: QP801.I48
  Effect on plants: QK753.I54
Insectivora: QL737.I5+
Insectivores: QL737.I5+
  Paleozoology: QE882.I5
Insectivorous plants
  Plant ecology: QK917
Insects
  Paleozoology: QE831+
  Zoology: QL461+
Insertion elements, DNA: QH462.I48
Insertional mutagenesis: QH463.13.I57
Instability
  Plasma physics: QC718.5.S7
Install programs
  Computer software: QA76.76.I55
Instinct
  Animals: QL781

Instinct
  Birds: QL698.3
  Hymenoptera: QL569.4
  Insects: QL496
  Lepidoptera: QL562.4
Instrumental analysis
  Analytical chemistry: QD79.I5
Instruments, Mathematical: QA71+
Insulin
  Animal biochemistry: QP572.I5
Insulin-like growth factor-binding proteins
  Animal biochemistry: QP552.I54
Integers, Sequences of
  Number theory
    Algebra: QA246.5
Integral calculus: QA308+
Integral equations
  Analysis: QA431
  Mathematical physics: QC20.7.I58
  Quantum mechanics: QC174.17.I58
Integral field spectroscopy: QC454.I48
Integral geometry: QA672
Integral operators
  Functional analysis: QA329.6
Integrals, Tables of
  Calculus: QA310
Integrated software: QA76.76.I57
Integration
  Integral calculus: QA312+
Integrins
  Animal biochemistry: QP552.I55
Integrity, Ecological
  Biology: QH541.15.E245
Integument
  Anatomy: QL941+
  Human anatomy: QM481+
Intellect
  Neurophysiology: QP398
Intellectual freedom
  Philosophy of science: Q175.32.I58
Intelligence
  Animals: QL785+
Intelligent agents
  Computer software: QA76.76.I58
Intensity of earthquakes: QE539.2.I5
Interaction
  Microbiology: QR96.5
Interactive computer systems: QA76.9.I58
Interactive media
  Computer software: QA76.76.I59
Interdisciplinary research in science: Q180.55.I48
Interfaces
  Atomic physics: QC173.4.I57
  Electrochemistry: QD555.6.I58
  Polymers: QD381.9.S97
Interference
  Optics: QC410.9+
Interference microscopes: QH212.I5
Interferometer: QC410.9+
Interferometry
  Optical measurements: QC367.3.I58
Interferons
  Immunology: QR187.5
Interior of the sun: QB539.I5
Interleukins
  Immunology: QR185.8.I56
Intermediate bosons
  Elementary particle physics: QC793.5.B62+
Intermediates (Meteorites): QB759
Intermedin
  Animal biochemistry: QP572.M75
Internal conversion
  Nuclear interactions: QC794.6.I5
  Radioactive substances: QC795.8.I5
Internal reflection spectroscopy
  Physics: QC454.I5
Internal structure of planets: QB603.I53
Internal structure of the earth: QE509+
International Biological Programme: QH9.5
International cooperation
  Meteorology: QC866.5.I5
  Science: Q172.5.I5
  Space sciences: QB500.26.I58
International Geophysical Committee: QC801.3
International Geophysical Year: QC801.3
International system of units: QC90.8+
International Years of the Quiet Sun: QC801.4
Internet
  Astronomy: QB14.3
  Biology: QH303.5
  Botany: QK9.4
  Chemistry: QD9.3
  Climatic change: QC902.93
  Dinosaurs: QE861.35
  Ecology: QH541.185
  Fishes: QL614.75
  Geology: QE48.87
  Mammals: QL701.8
  Mathematics: QA41.6
    Study and teaching: QA11.5
  Meteorology: QC866.5.C67
  Natural history: QH13.4
  Paleontology: QE704.3
  Physics: QC5.4
  Planets: QB600.34
  Science communication: Q224.5
  Science research: Q179.97
  Science study and teaching: Q182.7
  Zoology: QL9.4
Internet programming
  Digital computers: QA76.625
Interphotoreceptor retinoid-binding protein
  Animal biochemistry: QP552.I56
Interplanetary dust: QB603.I55

Interplanetary medium: QB603.I55
Interpolation
  Mathematics: QA281
Intersection graph theory
  Algebra: QA166.185
Intersection homology theory: QA612.32
Intersensory effects
  Physiology: QP442
Interstellar hydrogen: QB791.5
Interstellar magnetic fields: QB791.7
Interstellar matter: QB790+
Intertidal fishes
  Zoology: QL620.6
Intertidal zones
  Ecology: QH541.5.S35
Interval analysis
  Numerical analysis: QA297.75
Intervention, Response to
  Mathematics teaching: QA20.R47
Intestines
  Anatomy: QL863
  Human anatomy: QM345
  Microbiology: QR171.I6
  Physiology: QP156
Intramercurial planets: QB607
Intranet programming
  Digital computers: QA76.625
Intraocular pressure
  Neurophysiology: QP476.3
Intrinsic factor
  Animal biochemistry: QP552.G35
Introduced animals
  Zoology: QL86
Introduced aquatic organisms
  Aquatic biology: QH90.8.I57
Introduced birds
  Zoology: QL677.79.I58
Introduced freshwater organisms
  Freshwater biology: QH96.8.I57
Introduced organisms
  Biology: QH353
Introduced vertebrates
  Zoology: QL606
Intrusive bodies
  Geology: QE611+
Intuitionistic mathematics
  Mathematical logic: QA9.47
Inulin
  Animal biochemistry: QP702.I5
Invariance
  Elementary particle physics: QC793.3.S9
  Quantum mechanics: QC174.17.S9
Invariant embedding
  Statistical physics: QC175.25.I6
Invariants
  Vector and tensor algebra: QA201
Inverse problems
  Differential equations: QA378.5
Inversion
  Chromosomal mutation: QH462.I5
Inversions
  Modern geometry: QA473+
Invertase
  Animal biochemistry: QP609.F7
Invertebrate embryology: QL958
Invertebrates
  Nervous system: QL935
  Paleozoology: QE770+
  Zoology: QL360+
Iodides
  Mineralogy: QE389.4
Iodine
  Chemical element: Q1 .I1
  Effect on plants: QK753.I6
Iodopsin
  Animal biochemistry: QP671.I5
Ion channels
  Cytology: QH603.I54
Ion cyclotron resonance spectroscopy
  Analytical chemistry: QD96.I54
Ion exchange
  Chemistry: QD63.I55
  Cytology: QH604.5
  Electrochemistry: QD562.I63
Ion exchange chromatography
  Analytical chemistry: QD79.C453
  Animal biochemistry: QP519.9.I54
Ion exchange membranes
  Electrochemistry: QD562.I63
Ion flow dynamics
  Electricity: QC717+
Ion-hydrogen concentration
  Electrochemistry: QD562.H93
Ion implantation
  Electric discharge: QC702.7.I55
Ion mobility spectroscopy: QD96.P62
Ion selective electrodes
  Animal biochemistry: QP519.9.E43
  Cytology: QH585.5.E43
  Electrochemistry: QD572.I66
Ion swarms
  Electric discharge: QC702.7.I57
Ion waves
  Plasma physics: QC718.5.W3
Ionic mobility
  Electricity: QC717.5.I6
Ionization
  Electrochemistry: QD562.I65
  General: QD561+
  Physics: QC701.7+
Ionization chambers: QC787.I6
Ionized air
  Physiological effect: QP82.2.I5

Ionized gases
Physics: QC717.6+
Ionizing radiation
Nuclear physics: QC794.95+
Physiological effect: QP82.2.I53
Ionomers
Organic chemistry: QD382.I45
Ionophores
Animal biochemistry: QP801.I55
Ionosphere
Meteorology: QC881.2.I6
Planets: QB603.I57
Ionospheric influences
Elementary particle physics: QC793.3.C6
Ionospheric radio wave absorption: QC973.4.I6
Ionospheric radio waves
Radio meteorology: QC973.4.I6
Ions
Electrochemistry: QD561+
Physics: QC701.7+
iOS
Computer software
Operating systems: QA76.774.I67
iPad: QA76.8.I63
iPhone: QA76.8.I64
Ipidae: QL596.I7
Ipnopidae: QL638.I6
Ir genes: QR184.4
Irenidae: QL696.P2585
Iridaceae: QK495.I75
Iridium
Chemical element: Q1 .I7
Iridoviruses
Virology: QR401
Iris
Botany: QK495.I75
Iron
Chemical element: Q1 .F4
Effect on plants: QK753.I7
Magnetic materials: QC766.I7
Microbial metabolism: QR92.I7
Mineralogy: QE391.I7
Plant constituent: QK898.I7
Iron alloys
Analytical chemistry: QD133
Iron electrodes: QD572.I76
Iron group
Inorganic chemistry: QD172.I7
Iron meteorites
Astronomy: QB757+
Iron ores
Mineralogy: QE390.2.I76
Iron proteins
Animal biochemistry: QP552.I67
Iron-sulfur proteins
Animal biochemistry: QP552.I7
Ironomyiidae: QL537.I76
Irrational numbers
Algebra: QA247.5
Irreversible processes
Quantum mechanics: QC174.17.I76
Thermodynamics: QC318.I7
Irritability
Cells: QH647
Microbiology: QR96
Physiology: QP310.I7
Irritability in plants
Plant physiology: QK771+
Irrotational motions
Fluid mechanics: QA913
Ischnochitonidae: QL430.14.I83
Ischnopsyllidae: QL599.7.I3
Ischnuridae: QL458.72.H45
Ischyropsalidae: QL458.52.I7
Ising model (Statistical physics): QC174.85.I8
Island arcs
Geology: QE511.2
Island ecology: QH541.5.I8
Islands
Biogeography: QH85
Botany: QK938.I84
Ecology: QH541.5.I8
Zoology: QL111
Islands of Langerhans
Physiology: QP188.P26
Isobars, Nuclear
Radioactive substances: QC795.8.N8
Isobutyric acid
Animal biochemistry: QP752.I8
Isodermidae: QL523.I83
Isoelectric focusing
Animal biochemistry: QP519.9.I8
Isoenzymes
Animal biochemistry: QP601.2
Isoetaceae: QK524.I8
Isoetales
Paleobotany: QE971
Isolation
Heart physiology: QP114.I8
Virology: QR385.5
Isolation perfusion
Biological research: QH324.9.I8
Isomerases
Animal biochemistry: QP615+
Isomerism
Physical chemistry: QD471
Isometopidae: QL523.I85
Isometric projection: QA505
Isometries
Topology: QA611.29
Isomorphism
Chemical crystallography: QD951
Isonidae: QL638.I86

Isopentenoids
  Animal biochemistry: QP752.T47
  Plant constituent: QK898.I76
Isopoda: QL444.M34
  Paleozoology: QE817.I8
Isoprenoid compounds
  Animal biochemistry: QP752.T47
Isoptera
  Paleozoology: QE832.I8
  Zoology: QL529+
Isoquinoline
  Plant constituent: QK898.I78
Isostasy
  Geodesy: QB331
  Geology: QE511
Isotachophoresis
  Animal biochemistry: QP519.9.I84
Isothermic curves: QA567.2.I84
Isotomidae: QL503.I8
Isotone shift
  Nuclear interactions: QC794.6.I8
Isotope dilution analysis
  Nuclear chemistry: QD608
Isotope geology: QE501.4.N9
Isotope shift
  Nuclear interactions: QC794.6.I8
Isotopes
  Animal biochemistry: QP519.9.I87
  Physical chemistry: QD466.5
Isotopic exchange reactions
  Organic chemistry: QD281.I7
Isotropy
  Crystallography: QD941
Isozymes
  Plant constituent: QK898.I8
Issidae: QL527.I8
Istiophoridae: QL638.I88
Isuridae: QL638.95.L3
Iterative methods
  Numerical analysis: QA297.8
Ithonidae: QL513.I8
Iuridae: QL458.72.I95
Ixodidae: QL458.2.I9

J

J# (Computer program language): QA76.73.J2
Jabirus: QL696.C535
Jacamars: QL696.P54
Jacanas: QL696.C457
Jacanidae: QL696.C457
Jackals
  Anecdotes and stories: QL795.J27
Jacks
  Zoology: QL638.C25
Jacobsoniidae: QL596.J3
Jade
  Mineralogy: QE394.J3
Jadeite: QE475.J27
Jaegers
  Zoology: QL696.C46
Jaguars
  Anecdotes and stories: QL795.J3
Janellidae: QL430.5.J3
Janthinidae: QL430.5.J36
Japanese umbrella pine: QK494.5.S35
Japygidae: QL503.4.J3
Jarosite
  Mineralogy: QE391.J25
Jasper
  Mineralogy: QE391.Q2
Jasperoid: QE475.J3
Jassidae: QL527.C49
Jaundice
  Microbiology: QR201.L6
Java (Computer program language): QA76.73.J38
JavaScript
  Computer program languages: QA76.73.J39
Jawfishes: QL638.O65
Jawless fishes: QL638.12+
Jaws
  Regional anatomy: QM535
Jays
  Zoology: QL696.P2367
Jellyfish: QL377.S4
Jenynsiidae: QL638.J4
Jerboas: QL737.R648
Jerusalem crickets
  Zoology: QL508.S7
Jet
  Mineralogy: QE394.J46
Jet stream
  Wind: QC935
Jets
  Astrophysics: QB466.J46
  Differentiable manifolds
    Topology: QA614.4
  Fluid mechanics: QC158
Jets and cavities
  Fluid dynamics: QA924
Jewel caterpillar moths: QL561.D25
Jibal Waqf as Sawwan Crater: QB756.J43
JMP (Computer file)
  Mathematical statistics: QA276.45.J56
Job Control Language (Computer program language):
  QA76.73.J63
Joewood
  Botany: QK495.T457
Joints
  Geology: QE605
  Human anatomy: QM131+
Joppeicidae: QL523.J6
Jordan algebras: QA252.5

Joubiniteuthidae: QL430.3.J68
Joule-Thomson effect
  Thermodynamics: QC318.J6
JR (Computer program language): QA76.73.J7
Juglandaceae: QK495.J85
Julia (Computer program language): QA76.73.J85
Julianiaceae: QK495.J855
Julidae: QL449.65.J8
Juliidae: QL430.5.J8
Jump processes
  Markov processes: QA274.755
Jumping
  Physiology: QP310.J86
Jumping mice: QL737.R648
Jumping plant lice: QL527.P88
Jumping spiders: QL458.42.S24
Juncaceae: QK495.J87
Juncaginaceae: QK495.J875
Junctions
  Semiconductor physics: QC611.6.J85
Jungermanniaceae: QK555.J9
Jungle ecology: QH541.5.J8
Jungles
  Ecology: QH541.5.J8
Jupiter (Planet): QB661+
  Perturbations: QB384
  Satellites: QB404
Jurassic
  Paleobotany: QE923
  Paleontology: QE733
  Stratigraphy: QE681+

K

K-theory
  Topology: QA612.33
Kagus: QL696.G878
Kainic acid
  Animal biochemistry: QP563.K33
Kaleidoscopes
  Optical instruments: QC373.K3
Kalium
  Chemical element: Q1 .K1
Kallikrein
  Animal biochemistry: QP609.K3
Kallymeniaceae: QK569.K3
Kalotermitidae: QL529.3.K35
Kames
  Geology: QE578
Kangaroo rats: QL737.R66
Kangaroos
  Anecdotes and stories: QL795.K3
Kaolinite
  Mineralogy: QE391.K2
Kaons
  Elementary particle physics: QC793.5.M42+
Karschiellidae: QL510.3.K3
Karschiidae: QL458.82.K3
Kasidoridae: QL638.K3
Katabatic winds
  Meteorology: QC939.K37
Katydids
  Zoology: QL508.T4
Kelp bed ecology: QH541.5.K4
Kelp beds
  Ecology: QH541.5.K4
Kepler's equation: QB355.5
Kepler's laws: QB355.3
Keratin
  Animal biochemistry: QP552.K4
Keratophyre: QE462.K44
Kermesidae: QL527.K4
Kernel functions
  Analysis: QA353.K47
  Mathematical physics: QC20.7.K47
Keroplatidae: QL537.K47
Kerr effect: QC673.5.K4
Kerridae: QL527.K44
Ketenes
  Aliphatic compounds: QD305.K2
Ketones
  Aliphatic compounds: QD305.K2
  Animal biochemistry: QP801.K4
  Aromatic compounds: QD341.K2
Keyboarding: QA76.9.K48
Keystone species
  Ecology: QH541.15.K48
Kidneys
  Anatomy: QL873
  Human anatomy: QM404
  Physiology: QP249
Killer cells
  Immunology: QR185.8.K54
Killifishes: QL638.C96
Kimberlite
  Petrology: QE462.K5
Kimchi
  Microbiology: QR129.K56
Kin recognition
  Animals: QL761.5
Kinase, Protein
  Animal biochemistry: QP606.P76
Kindle Fire: QA76.8.K56
Kinematic geometry: QA623
Kinematics
  Analytic mechanics: QA841+
  Elementary particle physics: QC793.3.K5
  Nuclear interactions: QC794.6.K5
  Physics: QC135
Kinematics of fluids: QA913
Kinematics of vibrations: QC231
Kinesin
  Animal biochemistry: QP552.K46

Kinesiology
  Physiology: QP303
Kinetic analysis
  Analytical chemistry: QD98.K5
Kinetic theory of gases: QC175+
Kinetic theory of liquids: QC175.3+
Kinetics
  Analytical chemistry: QD75.4.K54
  Geochemistry: QE515.5.K55
  Plasma physics: QC718.5.T5
Kinetoplastida: QL368.K5
Kingenidae
  Paleozoology: QE797.K5
Kingfishers: QL696.C72
Kinglets: QL696.P27
Kinins
  Animal biochemistry: QP552.K5
Kinnaridae: QL527.K5
Kinorhyncha: QL391.K5
Kinosternide: QL666.C55
Kitefin sharks: QL638.95.D3
Kites
  Meteorology: QC879.3+
Kiwis
  Zoology: QL696.A63
KK-theory
  Topology: QA612.33
Klamath Mountains (Or. and Calif.): QH104.5.K55
Kloosterman sums: QA246.8.K58
Klystrons
  Nuclear physics: QC787.K55
Knemidokoptidae: QL458.2.K5
Kneriidae: QL638.K5
Knot polynomials
  Mathematical physics: QC20.7.K56
Knot theory
  Atomic physics: QC174.52.K56
  Topology: QA612.2+
Knowledge representation
  Information theory: Q387+
Knowledge, Theory of
  Philosophy of science: Q175.32.K45
Koalas
  Anecdotes and stories: QL795.K62
  Zoology: QL737.M384
Kodu (Computer program language): QA76.73.K63
Koebeliidae: QL527.K6
Kolmogorov complexity
  Machine theory: QA267.7
Komatiite: QE462.K66
KornShell (Computer program language): QA76.73.K67
Korsogasteridae: QL638.K6
Kraemeriidae: QL638.K7
Kraken: QL89.2.K73
Krameriaceae: QK495.K7
Krypton
  Chemical element: Q1 .K6
Kuhliidae: QL638.K8
Kuiper Belt: QB695
Kurinelli meteorite: QB756.K87
Kurtidae: QL638.K87
Kynurenic acid
  Animal biochemistry: QP801.K8
Kynurenine
  Animal biochemistry: QP563.K9
Kyphosidae: QL638.K9

L

Labidocarpidae: QL458.2.L3
Labiduridae: QL510.3.L33
Labiidae: QL510.3.L35
Laboratories
  Botany: QK78+
  Chemistry: QD51+
  Computer science: QA76.35+
  Electrochemistry: QD558+
  Limnology: QH96.6+
  Marine biology: QH91.6+
  Nuclear chemistry: QD604.8+
  Physiology: QP51+
  Science teaching: Q183.A1+
  Virology: QR380+
Laboratories, Computation
  Mathematics: QA74
Laboratories, Science: Q180.56+
Laboratory equipment
  Microbiology: QR71
Laboratory manuals
  Animal behavior: QL751.7
  Ecology: QH541.25
  Experimental physiology: QP42
Laboubelniales: QK623.L3
Labracoglossidae: QL638.L115
Labridae: QL638.L12
Labs on a chip
  Chemical laboratories: QD54.L33
Labyrinthodontia
  Paleozoology: QE868.L3
Labyrinths of the ear
  Physiology: QP471+
Labyrinthulida: QL368.L3
Lac scales
  Zoology: QL527.K44
Laccase
  Plant constituent: QK898.L23
Lacciferidae: QL527.K44
Laccoliths
  Geology: QE611+
Lacebugs: QL523.T5
Lacertidae: QL666.L255
Lacertilia: QL666.L2+
  Paleozoology: QE862.L2
Lacewings: QL513.C5

Lachnocladiaceae: QK629.L33
Lacistemaceae: QK495.L152
Lacrimal organs
  Physiology: QP188.T4, QP231
Lactalbumin
  Animal biochemistry: QP552.L3
Lactamases, Beta
  Animal biochemistry: QP609.B46
Lactariidae: QL638.L2
Lactase
  Animal biochemistry: QP609.G3
Lactate dehydrogenase
  Animal biochemistry: QP603.L33
Lactic acid
  Animal biochemistry: QP801.L3
Lactobacillaceae: QR82.L3
Lactoferrins
  Animal biochemistry: QP552.L345
Lactogenic hormones
  Animal biochemistry: QP572.P74
Lactoglobulin
  Animal biochemistry: QP552.L35
Lactoridaceae: QK495.L153
Lactose
  Animal biochemistry: QP702.L3
Lady beetles: QL596.C65
Ladyfishes: QL638.E4
Laelapidae: QL458.2.L33
Laemobothridae: QL540.3.L3
Lagomorpha: QL737.L3+
  Paleozoology: QE882.L3
Lagoon ecology: QH541.5.L27
Lagoons
  Ecology: QH541.5.L27
Lagrange's equations
  Analytic mechanics: QA871
Lagriidae: QL596.L23
Lake ecology: QH541.5.L3
Lakes
  Ecology: QH541.5.L3
  Freshwater biology: QH98
  Zoology: QL146
Lakeshore development
  Effect on plants and animals: QH545.L35
Lambda calculus: QA9.5
Lamé functions (Ellipsoidal harmonics): QA409
Lamellariidae: QL430.5.L2
Lamellibranchia
  Paleozoology: QE811+
  Zoology: QL430.6+
Lamellorthoceratidae
  Paleozoology: QE807.L3
Lametilidae: QL430.7.L35
Lamiaceae: QK495.L25
Lamiidae: QL596.L25
Laminariaceae: QK569.L2
Laminariales: QK569.L34
Lamnidae: QL638.95.L3
Lamniformes: QL638.94.L36
  Paleozoology: QE852.L35
Lamp shells
  Zoology: QL395+
Lampbrush chromosomes: QH600.6
Lamponidae: QL458.42.L3
Lampreys: QL638.2+
Lampridae: QL638.L24
Lampridiformes: QL637.9.L3
Lamproite: QE462.L35
Lamprosomatidae: QL596.L27
Lampryidae: QL596.L28
Lancetfishes: QL638.A34
Land
  Biogeography: QH84.8+
Land breezes
  Meteorology: QC939.L37
Land reclamation
  Effect on plants and animals: QH545.R38
Land-water ecotones
  Ecology: QH541.15.E27
Landscape ecology
  Ecology: QH541.15.L35
Landscape protection: QH75+
Landslides
  Geology: QE599+
Langerhans cells
  Immunology: QR185.8.L35
Langerhans, Islands of
  Physiology: QP188.P26
Language
  Neurophysiology: QP399
  Zoology: QL672.6
Language, Scientific: Q226
Languages, Programming
  Digital computers: QA76.7+
Languriidae: QL596.L29
Laniidae: QL696.P248
Lantern sharks: QL638.95.E85
Lanternfishes: QL638.M9
Lanthanotidae: QL666.L2556
Lanthanum
  Chemical element: Q1 .L2
Lapis lazuli
  Mineralogy: QE394.L37
Laplace functions (Spherical harmonics): QA406
Laplace transformation: QA432
Lardizabalaceae: QK495.L32
Large astronomical telescopes: QB90
Large lemurs
  Zoology: QL737.P95
Large scale structure
  Cosmology: QB991.L37
Laridae: QL696.C46
Larks
  Zoology: QL696.P214

Larridae: QL568.L3
Larvae
  Fishes: QL639.25
  Invertebrates: QL364.18
Larvaevoridae: QL537.T28
Larynx
  Anatomy: QL853
  Human anatomy: QM255
  Physiology: QP306
Laser beam propagation
  Meteorological optics: QC976.L36
Laser electrochemistry: QD555.6.L37
Laser fusion: QC791.775.L37
Laser interferometry
  Optical measurements: QC367.3.L37
Laser manipulation: QC689.5.L35
Laser photochemistry: QD716.L37
Laser physics: QC685+
Laser-produced plasmas
  Plasma physics: QC718.5.L3
Laser pulses: QC689.5.L37
Laser spectroscopy
  Analytical biochemistry: QP519.9.L37
  Analytical chemistry: QD96.L3
  Physics: QC454.L3
Laser techniques
  Chemistry: QD63.L3
Laser velocimetry
  Optical measurements: QC367.3.L38
Lasers
  Biological research: QH324.9.L37
  Cytology: QH585.5.L37
  Physiological effect: QP82.2.L3
Lasiocampidae: QL561.L3
Latent structure analysis
  Mathematical statistics: QA278.6
Laterite
  Petrology: QE495
Latex
  Effect on plants: QK753.L37
  Plant constituent: QK898.L3
Lathridiidae: QL596.L3
Latimeriidae: QL638.L26
Latiniidae: QL505.7.L3
Latite: QE462.L37
Latitude
  Astronomy: QB224.5+
Latridae: QL638.L28
Lattice dynamics
  Solid state physics: QC176.8.L3
Lattice theory
  Algebra: QA171.5
  Computer science: QA76.9.L38
  Statistical physics: QC174.85.L38
Lauraceae: QK495.L375
Laurel
  Botany: QK495.L375
Lauxaniidae: QL537.L3
Lava flows: QE527.73
Lawrencium
  Chemical element: Q1 .L9
Laws of cooling
  Physics: QC331+
Laws of nature
  Philosophy of science: Q175.32.P39
Lawsonite
  Mineralogy: QE391.L28
Lazurite
  Mineralogy: QE391.L3
Lead
  Chemical element: Q1 .P3
  Effect on plants and animals: QH545.L4
Lead chalcogenides
  Semiconductor physics: QC611.8.L4
Lead ores
  Mineralogy: QE390.2.L43
Leadwort: QK495.P725
Leaf
  Plant anatomy: QK649
Leaf beetles: QL596.C5
Leaf-cutting bees: QL568.M4
Leaf-roller moths: QL561.T8
Leaf-skeletonizer moths: QL561.Z9
Leafbirds: QL696.P2344
Leafblotch miners: QL561.G7
Leafhoppers
  Zoology: QL527.C49
Leafminerflies: QL537.A4
Learning
  Animals: QL785+
  Neurophysiology: QP408
Least action
  Analytic mechanics: QA871
Least squares
  Mathematics: QA275
Leatherback turtle: QL666.C546
Leatherwood
  Botany: QK495.C9973
Leaves
  Plant anatomy: QK649
Lebesgue integrals: QA312+
Lebiasinidae: QL638.L3
Lecanoraceae: QK585.L37
Lecidiaceae: QK585.L4
Lecithin
  Animal biochemistry: QP752.L4
Lecithinase
  Animal biochemistry: QP609.L43
Lecithoceridae: QL561.L37
Lectins
  Animal biochemistry: QP552.L42
  Plant constituent: QK898.L42
Lecythidaceae: QK495.L42
Ledidae: QL430.7.L4

Ledridae: QL527.L44
Leeaceae: QK495.L46
Leek: QK495.A42
Leeuwenhoekiidae: QL458.2.L44
Lefteye flounders: QL638.B65
Leg
  Regional anatomy: QM549
Legendre functions (Spherical harmonics): QA406
Legionnaires' disease
  Microbiology: QR201.L44
Legumes: QK495.L52
Leiobunidae: QL458.52.L44
Leioderidae: QL449.65.L4
Leiodidae: QL596.L35
Leiognathidae: QL638.L35
Leiopelmatidae: QL668.E255
Leitneriaceae: QK495.L524
Lejeuneaceae: QK555.L37
Lemaneaceae: QK569.L5
Lemmings: QL737.R666
Lemnaceae: QK495.L527
Lemoniidae: QL561.L4
Lemuridae: QL737.P95
Lemurs, Large
  Zoology: QL737.P95
Length measurement: QC101+
Length standards: QC101
Length/weight relationships
  Fishes: QL639.15
Lennoaceae: QK495.L528
Lens and mirror systems: QC385+
Lens of the eye
  Neurophysiology: QP478
Lenses, Gravitational: QB857.5.G7
Lentibulariaceae: QK495.L53
Lentulidae: QL508.L45
Leopards
  Anecdotes and stories: QL795.L5
Leotiaceae: QK623.L39
Leotichidae: QL523.L45
Lepetidae: QL430.5.L33
Lepidodendrales
  Paleobotany: QE971
Lepidoptera
  Paleozoology: QE832.L5
  Zoology: QL541+
Lepidosirenidae: QL638.L37
Lepidoziaceae: QK555.L4
Lepismatidae: QL503.8.L4
Lepisosteidae: QL638.L4
Leprosy
  Microbiology: QR201.L5
Leptin
  Animal biochemistry: QP572.L48
Leptinidae: QL596.L4
Leptoceridae: QL518.L48
Leptodactylidae: QL668.E257
Leptodiridae: QL596.L43
Leptofoenidae: QL568.L47
Leptolepiformes
  Paleozoology: QE852.L45
Leptomitales: QK621.L44
Leptonacea
  Paleozoology: QE812.V45
Leptonetidae: QL458.42.L4
Leptons
  Elementary particle physics: QC793.5.L42+
Leptoperlidae: QL530.3.L47
Leptophlebiidae: QL505.3.L4
Leptopodidae: QL523.L46
Leptoscopidae: QL638.L47
Leptosomatidae: QL696.C74
Leptospirosis
  Microbiology: QR201.L6
Leptostraca: QL444.M347
  Paleozoology: QE817.L5
Leptostromataceae: QK625.L4
Leptotyphlopidae: QL666.O65
Lernaepodoida: QL444.C75
Lesser apes: QL737.P943
Lessoniaceae: QK569.L53
Lestidae: QL520.3.L45
Lestoideidae: QL520.3.L46
Lethal factors
  Genetic mutation: QH463.5
Lethrinidae: QL638.L48
Leucine
  Animal biochemistry: QP562.L4
Leucite
  Mineralogy: QE391.L4
Leucitite: QE462.L48
Leucocyte adherence inhibition test: QR187.L47
Leucocytes
  Immunology: QR185.8.L48
  Physiology: QP95+
Leucomaines
  Animal biochemistry: QP801.P7
Leucospididae: QL568.L49
Leucotrichaceae: QR82.L4
Leucoxene
  Mineralogy: QE396
Leuctridae: QL530.3.L49
Leukemia
  Microbiology: QR201.L64
Leukolysins
  Immunology: QR185.8.L49
Leukotrienes
  Animal biochemistry: QP801.L47
Level-crossing spectroscopy
  Physics: QC454.L58
Levels
  Astronomical instruments: QB115
Lexell comet: QB723.L6
Libellulidae: QL520.3.L6

Libration of the moon: QB585
Libytheidae: QL561.L5
Lichen-forming fungi: QK604.2.L53
Lichenicolous fungi: QK604.2.L54
Lichenology: QK580.7+
Lichens: QK580.7+
Lichinaceae: QK585.L53
Lie-admissible algebras
  Mathematical physics: QC20.7.L54
Lie algebras: QA252.3
  Elementary particle physics: QC793.3.L53
  Mathematical physics: QC20.7.L54
  Physical chemistry: QD455.3.L53
Lie groups
  Analysis: QA387
Lie superalgebras: QA252.3
Liebigite
  Mineralogy: QE391.L5
Life
  Biology (General): QH501+
Life, Elixer of
  Alchemy: QD26.5.E4
Life, Origins of
  Biology: QH325
Life, Prolongation of
  Developmental physiology: QP85
Life sciences literature: QH303.6
Life spans
  Reptiles and amphibians: QL669.25
Lifetime
  Elementary particle physics: QC793.3.D4
Ligaments
  Anatomy: QL827
  Human anatomy: QM141
Ligand binding
  Animal biochemistry: QP517.L54
Ligand exchange chromatography
  Analytical chemistry: QD79.C4537
Ligases
  Animal biochemistry: QP618+
Light
  Bacterial physiology: QR97.L5
  Effect on cells: QH651
  Effect on plants: QK757
  Physics: QC350+
  Physiological effect: QP82.2.L5
Light-beating spectroscopy
  Physics: QC454.L63
Light discrimination
  Physiology: QP481+
Light filters
  Optical instruments: QC373.L5
Light perception
  Physiology: QP481+
Light pollution
  Astronomy: QB51.3.L53
Light production
  Cells: QH641
  Microbiology: QR95
  Plant physiology: QK844
Light, Velocity of: QC407
Lightfishes: QL638.G8
Lighting, Exterior
  Effect on plants and animals: QH545.E98
Lightning
  Meteorology: QC966+
Lightwood
  Botany: QK495.C965
Lignans
  Animal biochemistry: QP801.L53
Lignin
  Plant constituent: QK898.L5
Liliaceae: QK495.L72
Lily
  Botany: QK495.L72
Limacidae: QL430.5.L4
Limacodidae: QL561.L54
Limbic system
  Anatomy: QL938.L55
  Neurophysiology: QP383.2
Limbs
  Anatomy: QL950.7+
  Regional anatomy: QM548+
Limbs, Lower
  Regional anatomy: QM549
Limbs, Muscles of
  Human anatomy: QM165
Limbs, Upper
  Regional anatomy: QM548
Limestone
  Petrology: QE471.15.L5
Limestone ecology: QK938.L5
Limicolae: QL696.C4+
Limidae: QL430.7.L5
Limit theorems
  Probabilities: QA273.67
Limits of hearing
  Physiology: QP463
Limnaeidae: QL430.5.L85
Limnanthaceae: QK495.L73
Limnephilidae: QL518.L5
Limnichidae: QL596.L55
Limnichthyidae: QL638.L5
Limnocharidae: QL458.2.L54
Limnology
  Aquatic biology: QH96+
Limoniidae: QL537.L5
Limonoids
  Plant constituent: QK898.L54
Limpkins: QL696.G82
Limulodidae: QL596.L58
Linaceae: QK495.L74

Linden
  Botany: QK495.T5
Line geometry: QA608
Linear accelerators
  Nuclear physics: QC787.L5
Linear algebra: QA184+
Linear algebraic groups: QA179
Linear colliders
  Nuclear physics: QC787.L53
Linear congruences
  Number theory: QA242
Linear dependence: QA187
Linear operators
  Functional analysis: QA329.2
Linear topological spaces: QA322
Linear transport theory
  Statistical physics: QC175.25.L5
Linguatulida: QL447.3
Lingulidae: QL395.8.L7
  Paleozoology: QE797.L7
Link theory
  Topology: QA612.2+
Linkage
  Genetics: QH445.2+
Linnaean system: QK92
Linnaeus: QH44
  Works
    Botany: QK91
    Natural history: QH43+
Linoleic acids
  Animal biochemistry: QP752.L5
Linolenic acids
  Animal biochemistry: QP752.L515
Linophrynidae: QL638.L55
Linux
  Computer software
    Operating systems: QA76.774.L46
Linyphiidae: QL458.42.L55
Liocranidae: QL458.42.L555
Lions
  Anecdotes and stories: QL795.L7
Liopteridae: QL568.L56
Liparidae: QL638.C9
Liparoceratidae
  Paleozoology: QE807.L7
Lipase
  Animal biochemistry: QP609.L5
Liphistiidae: QL458.42.L56
Lipid membranes
  Cytology: QH602
Lipids
  Animal biochemistry: QP751+
  Blood constituents: QP99.3.L5
  Microbial metabolism: QR92.L5
  Plant constituent: QK898.L56
Lipocaic
  Animal biochemistry: QP572.L5
Lipocortins
  Animal biochemistry: QP552.L48
Lipofuscins
  Animal biochemistry: QP671.L52
Lipogenidae: QL638.L57
Lipoic acid
  Animal biochemistry: QP772.T54
Lipolytic enzymes
  Animal biochemistry: QP609.L55
Lipoproteins
  Animal biochemistry: QP552.L5
  Blood constituents: QP99.3.L52
Lipoproteins, High density
  Blood constituents: QP99.3.H53
Lipoproteins, Low density
  Blood constituents: QP99.3.L68
Liposomes
  Cytology: QH602
Lipotidae: QL737.C436
Lipotropin
  Animal biochemistry: QP572.L56
Lipoxins
  Animal biochemistry: QP752.L52
Lipoxygenases
  Animal biochemistry: QP603.L56
Liquid chromatography
  Analytical chemistry: QD79.C454
  Animal biochemistry: QP519.9.L55
  Biological research: QH324.9.L5
  Organic chemistry: QD272.C447
  Quantitative analysis: QD117.C517
Liquid chromatography, Capillary
  Animal biochemistry: QP519.9.C37
Liquid crystals
  Atomic physics: QC173.4.L55
  Crystallography: QD923
Liquid dielectrics: QC585.8.L56
Liquid-liquid interfaces
  Surface chemistry: QD509.L54
Liquid metals
  Atomic physics: QC173.4.L56
Liquid scintillation counting
  Biological research: QH324.9.L53
Liquid-solid interfaces
  Surface chemistry: QD509.S65
Liquid thermometers: QC272
Liquids
  Semiconductor physics: QC611.8.L5
Liriopeidae: QL537.P89
LISP (Computer program language): QA76.73.L23
Lissocarpaceae: QK495.L76
Listeriosis
  Microbiology: QR201.L7
Listrophoridae: QL458.2.L58
Listwanite: QE475.L57
Literature
  Mathematics teaching aid: QA19.L58

Literature, Mathematical: QA41.7
Literature, Scientific: Q225.5
Lithium
  Chemical element: Q1 .L5
Lithium ores
  Mineralogy: QE390.2.L57
Lithobiidae: QL449.55.L5
Lithodermataceae: QK569.L56
Lithosiidae: QL561.A8
Littorinidae: QL430.5.L58
Littorinimorpha
  Paleozoology: QE809.L57
Livebearers: QL638.P73
Liver
  Anatomy: QL867
  Human anatomy: QM351
  Immunology: QR185.9.L58
  Physiology: QP185
Liverworts
  Botany: QK551+
  Paleobotany: QE959
Liviidae: QL523.L58
Living fossils
  Zoology: QL88.5
Living matter
  Comparison with nonliving: QH343
Lizardfishes: QL638.S96
Lizards
  Zoology: QL666.L2+
Lizard's-tail
  Botany: QK495.S27
Llano ecology: QH541.5.L53
Llanos
  Ecology: QH541.5.L53
Loaches: QL638.C647
Loasaceae: QK495.L78
Lobariaceae: QK585.L63
Lobata: QL380.5.T45
Lobosa: QL368.L62
Lobotidae: QL638.L6
Lobsters
  Zoology: QL444.M33
Local Group (Galaxies): QB858.8.L63
Local rings
  Algebra: QA251.38
Localization of functions
  Cerebral neurophysiology: QP385+
Localization of sound
  Neurophysiology: QP469
Location problems
  Mathematical optimization: QA402.6
Loch Ness monsters: QL89.2.L6
Locomotion
  Fishes: QL639.4
Locusts
  Zoology: QL506+
Loess
  Geology: QE579
Loganiaceae: QK495.L785
Logarithmic functions
  Analysis: QA342
Logarithms: QA55+
Logging
  Effect on plants and animals: QH545.L63
Logic
  Philosophy of science: Q175.32.R45
  Plane geometry: QA481
Logic, Computer: QA76.9.L63
Logic, Mathematical: QA8.9+
Logic programming
  Digital computers: QA76.63
LogiQL (Computer program language): QA76.73.L62
LOGO (Computer program language): QA76.73.L63
Loliginidae: QL430.3.L8
Lomariopsidaceae: QK524.L64
Lonchaeidae: QL537.L6
Lonchopteridae: QL537.L63
Long-legged flies: QL537.D6
Long-range weather forecasting: QC997
Long-tailed tits: QL696.P2135
Longevity
  Biology: QH528.5
  Developmental physiology: QP85
  Reptiles and amphibians: QL669.25
Longhorn grasshoppers
  Zoology: QL508.T4
Longitude
  Astronomy: QB224.5+
Loons
  Zoology: QL696.G33
Loop spaces
  Topology: QA612.76
Lophiidae: QL638.L75
Lophiiformes: QL637.9.L6
Lophiostomaceae: QK623.L6
Lophocoleaceae: QK555.L58
Lophopidae: QL527.L6
Lophopoda: QL398.L6
Lophotidae: QL638.L77
Lophoziaceae: QK555.L6
Lopseed
  Botany: QK495.P453
Loranthaceae: QK495.L87
Lordalycidae: QL458.2.L67
Lorentz transformations
  Atomic physics: QC174.52.L6
Loricariidae: QL638.L785
Loricifera: QL391.L67
Lorises: QL737.P955
Lorisidae: QL737.P955
Loss
  Dielectrics: QC585.7.L6
Losses, Optical: QC397.5.O77

LotusScript (Computer program language): QA76.73.L66
Louseflies: QL537.H57
Louvars: QL638.L95
Low density lipoproteins
  Blood constituents: QP99.3.L68
Low-dimensional semiconductors
  Semiconductor physics: QC611.8.L68
Low-dimensional topology: QA612.14+
Low-energy nuclear reactions: QC794.8.L69
Low pressure chemistry: QD538
Low-pressure plasmas
  Plasma physics: QC718.5.L58
Low pressure systems
  Meteorology: QC880.4.L68
Low temperature
  Plasma physics: QC718.5.L6
Low temperature chemistry: QD515
Low temperature research
  Thermochemistry: QD536
Low temperatures
  Physics: QC277.9+
Lower Cretaceous
  Stratigraphy: QE686
Lower extremities
  Physiology: QP335+
Lower Jurassic
  Stratigraphy: QE682
Lower Triassic
  Stratigraphy: QE677
Lowiaceae: QK495.L88
Loxocemidae: QL666.O66
Loxoscelidae: QL458.42.L6
Loxosomatidae: QL400.5.L6
Lua (Computer program language): QA76.73.L82
Lubber grasshoppers
  Zoology: QL508.R65
Lucanidae: QL596.L8
Lucinidae: QL430.7.L8
Luciocephalidae: QL638.L8
Ludwigite
  Mineralogy: QE391.L8
Luminescence
  Auroras: QC972.L8
  Plant physiology: QK844
  Radiation physics: QC476.4+
Luminescence immunoassay
  Animal biochemistry: QP519.9.L82
Luminescence spectroscopy
  Analytical chemistry: QD96.L85
  Animal biochemistry: QP519.9.L84
  Physics: QC476.6
Luminescent materials
  Radiation physics: QC476.7+
Luminosity
  Auroras: QC972.L85
Luminous blue variables: QB843.L85
Lumpsuckers: QL638.C9
Lunar eclipses: QB579
Lunar geology: QB592
Lunar meteorology: QB591
Lunar petrology: QB592
Lunar radiation: QB588
Lunar theory
  Theoretical astronomy: QB391+
Lungless salamanders: QL668.C274
Lungs
  Anatomy: QL848
  Human anatomy: QM261
  Microbiology: QR171.L8
Luteinizing hormone
  Animal biochemistry: QP572.L84
Luteinizing hormone releasing hormone
  Animal biochemistry: QP572.L85
Luteoviridae
  Virology: QR401.5
Luteoviruses
  Virology: QR401.5
Lutetium
  Chemical element: Q1 .L8
Lutjanidae: QL638.L9
Luvaridae: QL638.L95
Lyases
  Animal biochemistry: QP612+
Lycaenidae: QL561.L8
Lycidae: QL596.L9
Lycopene
  Plant constituent: QK898.L9
Lycoperdaceae: QK629.L9
Lycoperdales: QK629.L92
Lycopodiaceae: QK524.L9
Lycopodiales
  Paleobotany: QE971
Lycopsida
  Paleobotany: QE971
Lycoriidae: QL537.S357
Lycosidae: QL458.42.L9
Lyctidae: QL596.L92
Lygaeidae: QL523.L9
Lygistorrhinidae: QL537.L9
Lymantriidae: QL561.L9
Lyme disease
  Microbiology: QR201.L88
Lymexylidae: QL596.L94
Lymnaeidae: QL430.5.L85
Lymph
  Physiology: QP115
Lymphatic system
  Physiology: QP115
Lymphatics
  Anatomy: QL841
  Heart physiology: QP114.L94
  Human anatomy: QM197
  Human histology: QM570.7

Lymphoblastoid cell lines
  Cytology: QH585.457
Lymphocytes
  Immunology: QR185.8.L9
  Physiology: QP95.5
Lymphocytic choriomeningitis
  Microbiology: QR201.L9
Lymphokines
  Immunology: QR185.8.L93
Lynxes
  Anecdotes and stories: QL795.L9
Lyonetiidae: QL561.L95
Lyophilization
  Human histology: QM556.5.L9
Lyrebirds: QL696.P2495
Lysergic acid diethylamide
  Animal biochemistry: QP801.L97
Lysine
  Animal biochemistry: QP562.L8
Lysiopetalidae: QL449.65.L9
Lysogeny
  Virology: QR474
Lysolecithin
  Animal biochemistry: QP752.L8
Lysophospholipids
  Animal biochemistry: QP752.L83
Lysosomes
  Cytology: QH603.L9
Lysozyme
  Animal biochemistry: QP609.L9
  Immunology: QR186.6.L94
Lysyl ribonucleic acid synthetase
  Animal biochemistry: QP619.L9
Lythraceae: QK495.L9
Lytoceratidae
  Paleozoology: QE807.L98

M

M (Computer program language): QA76.73.M15
M stars: QB843.M16
M87 (Galaxy)
  Radio astronomy: QB479.55.M18
Mac OS
  Computer software
    Operating systems: QA76.774.M33
MacBook: QA76.8.M3
Machaerotidae: QL527.M3
Machilidae: QL503.7.M32
Machine learning: Q325.5+
Machine theory
  Algebra: QA267+
Machines, Mathematical: QA71+
Mach's principle: QC137
Macintosh computers: QA76.8.M3
Macintosh OS
  Computer software
    Operating systems: QA76.774.M33
Mackerel
  Zoology: QL638.S35
Mackerel sharks: QL638.95.L3
Macluritidae
  Paleozoology: QE809.M25
Macristiidae: QL638.M13
Macrocephenchelyidae: QL638.M16
Macroceridae: QL537.M3
Macroclimatology: QC981.7.M3
Macrocyclic compounds
  Organic chemistry: QD399+
Macroecology
  Ecology: QH541.15.M23
Macroevolution
  Biology: QH371.5
Macroglobulins, Alpha
  Blood constituents: QP99.3.A45
Macromolecules
  Animal biochemistry: QP801.P64
  Organic chemistry: QD380+
  Virology: QR372.M32
Macronyssidae: QL458.2.M3
Macrophage migration inhibitory factor
  Immunology: QR185.8.M28
Macrophages
  Immunology: QR185.8.M3
Macropsidae: QL527.M32
Macrorhamphosidae: QL638.M165
Macroscelidea: QL737.M24+
  Paleozoology: QE882.M25
Macroscelidide: QL737.M242
Macrouridae: QL638.M2
Macroveliidae: QL523.M3
Macrurocyttidae: QL638.M22
Mactridae: QL430.7.M3
  Paleozoology: QE812.M2
Madder
  Botany: QK495.R85
Madeira vine
  Botany: QK495.B256
Magellanic Clouds: QB858.5.M33
Magic cubes
  Algebra: QA165
Magic labelings
  Algebra: QA166.197
Magic squares
  Algebra: QA165
Magic tricks
  Mathematics teaching aid: QA20.M33
Magnesite
  Mineralogy: QE391.M2
Magnesium
  Chemical element: Q1 .M4
  Effect on plants: QK753.M27

Magnesium alloys
  Analytical chemistry: QD137.M3
Magnesium electrodes: QD572.M34
Magnesium group
  Inorganic chemistry: QD172.M4
Magnetic alloys
  Magnetic materials: QC766.M34
Magnetic analyzers
  Nuclear physics: QC787.M3
Magnetic compass deviation: QC849
Magnetic dipole moment
  Elementary particle physics: QC793.3.S6
Magnetic disturbances
  Geomagnetism: QC835
Magnetic field generation
  Physiology: QP345
Magnetic fields: QB817.5
  Effect on cells: QH656
  Elementary particle physics: QC793.3.M3
  Galaxies: QB857.5.M34
  Geophysics: QC809.M25
  Physics: QC754.2.M3
  Planets: QB603.M26
  Plasma physics: QC718.5.M3
Magnetic fields, Interstellar: QB791.7
Magnetic fields, Solar: QB539.M23
Magnetic fluids: QC766.M36
Magnetic force: QC754.2.M32
Magnetic induction: QC754.2.M33
Magnetic ions: QC754.2.M333
Magnetic materials
  Physics: QC764.5+
Magnetic measurements: QC755.6+
Magnetic monopoles: QC760.4.M33
Magnetic observations
  Geomagnetism: QC830+
Magnetic properties
  Condensed matter physics: QC173.458.M33
  Crystals: QD940
  Dielectrics: QC585.7.M3
  Liquids: QC145.4.M27
  Petrology: QE431.6.M3
  Solid state physics: QC176.8.M3
  Superconductors: QC611.97.M34
  Thin films: QC176.84.M3
Magnetic resonance
  Biological research: QH324.9.M28
Magnetic resonance imaging
  Nuclear magnetism: QC762.6.M34
Magnetic stars: QB843.M3
Magnetic storms
  Geomagnetism: QC835
Magnetic structure: QC754.2.M336
Magnetic substances
  Semiconductor physics: QC611.8.M25
Magnetic superconductors: QC611.98.M34
Magnetic surveys
  Geomagnetism: QC825+
Magnetism: QC750+
  Bacterial physiology: QR97.M34
  Physiological effect: QP82.2.M3
Magnetism of aircraft: QC849
Magnetism of ships: QC849
Magnetite
  Mineralogy: QE391.M22
Magnetization: QC754.2.M34
Magnetocardiography: QP112.5.M33
Magnetochemistry: QD591
Magnetofluid dynamics
  Analytic mechanics: QA920
Magnetohydrodynamics
  Analytic mechanics: QA920
  Geophysics: QC809.M3
Magnetometer
  Geomagnetism: QC819
Magnetooptics: QC675+
Magnetopause
  Geophysics: QC809.M35
Magnetoreceptors: QP447.7
Magnetoresistance: QC610.7
Magnetosphere
  Geophysics: QC809.M35
Magnetospheric radio waves
  Radio meteorology: QC973.4.M33
Magnetostatics: QC754.2.M35
Magnetostriction: QC754.2.M36
Magnetron sputtering
  Solid state physics: QC176.8.M34
Magnets: QC756.7+
Magnifying glasses
  Optical instruments: QC373.M33
Magnitudes
  Stars: QB815
  Variable stars: QB836
Magnolia
  Botany: QK495.M24
Magnoliaceae: QK495.M24
Magnoliophyta
  Paleobotany: QE980+
Magnons
  Elementary particle physics: QC793.5.M32+
Magpie larks: QL696.P2468
Magpies
  Zoology: QL696.P2367
Mahogany
  Botany: QK495.M52
Maintenance, Software: QA76.76.S64
Major histocompatibility complex: QR184.315
Malachiidae: QL596.M2
Malachite
  Mineralogy: QE391.M25
Malacosteidae: QL638.M24
Malacostraca: QL444.M3+

Malacostraca
  Paleozoology: QE817.M3
Malapteruridae: QL638.M246
Malaria
  Microbiology: QR201.M3
Malaria vaccines: QR189.5.M34
Malate dehydrogenase
  Plant constituent: QK898.M25
Male generative organs
  Human anatomy: QM416
Male organs, Accessory: QP257
Male reproductive organs
  Anatomy: QL878
Male sex physiology: QP253+
Malesherbiaceae: QK495.M245
Malignant edema
  Microbiology: QR201.E2
Mallomonadaceae: QK569.M27
Mallophaga
  Paleozoology: QE832.M34
  Zoology: QL540+
Mallow
  Botany: QK495.M27
Malonic acid
  Plant constituent: QK898.M28
Malpighiaceae: QK495.M26
Maluridae: QL696.P2485
Malvaceae: QK495.M27
Mammae
  Anatomy: QL944
  Human anatomy: QM495
Mammalogical literature: QL702
Mammals
  Paleozoology: QE881+
  Zoology: QL700+
Mammary glands
  Physiology: QP188.M3
Man in geology: QE625
Management
  Computer science: QA76.9.M3
Manakins: QL696.P263
Manatees
  Zoology: QL737.S63
Mandibulata
  Paleozoology: QE816+
Manganese
  Chemical element: Q1 .M6
  Effect on plants: QK753.M3
  Effect on plants and animals: QH545.M3
  Plant constituent: QK898.M3
Manganese enzymes
  Animal biochemistry: QP601.75.M35
Manganese ores
  Mineralogy: QE390.2.M35
Manglicolaceae: QK623.M36
Mangrove
  Botany: QK495.R46
Mangrove forests
  Botany: QK938.M27
Mangrove swamps
  Botany: QK938.M27
  Ecology: QH541.5.M27
Manidae: QL737.P5
Manifolds
  Analysis: QA614+
  Mathematical physics: QC20.7.M24
  Topology: QA613+
Manikins
  Human anatomy: QM33
Manipulatives
  Mathematics teaching aid: QA19.M34
Mannosides
  Organic chemistry: QD325
Manometers: QC165
Manometry
  Biological research: QH324.9.M3
Manotidae: QL537.M35
Manpower requirements
  Science: Q148
Manta rays: QL638.85.M6
Mantellidae: QL668.E259
Mantidae: QL505.9.M35
Mantidflies: QL513.M3
Mantids
  Zoology: QL505.9.M35
Mantispidae: QL513.M3
Mantle
  Earth interior: QE509.4
Mantodea
  Zoology: QL505.83+
Manure
  Microbiology: QR171.F4
Many-body methods
  Quantum chemistry: QD462.6.M36
Many body problem
  Theoretical astronomy: QB362.M3
Many-valley semiconductors
  Semiconductor physics: QC611.8.M27
Many-valued logic
  Mathematical logic: QA9.45
Map-coloring problem
  Topology: QA612.18
Maple
  Botany: QK495.A17
Mapping
  Ecology: QH541.15.M26
  Geomagnetism: QC822
Mapping of regions
  Mathematics: QA360
Maps
  Geomagnetism: QC822
Maps of the moon
  Descriptive astronomy: QB595

Maps of the planets
  Descriptive astronomy: QB605
Marantaceae: QK495.M28
Marattiaceae: QK524.M3
Marble
  Petrology: QE475.M3
Marcasite
  Mineralogy: QE391.M3
Marchantiaceae: QK555.M2
Marchflies: QL537.B5
Mare's tail
  Botany: QK495.H67
Margaritiferidae: QL430.7.M37
Margarodidae: QL527.M37
Marginellidae: QL430.5.M3
Mariculture
  Effect on plants and animals: QH545.M34
Marijuana
  Animal biochemistry: QP801.C27
Marine animals
  Paleozoology: QE766
Marine aquariums: QL78.5
Marine biological laboratories: QH91.6+
Marine biology: QH91+
Marine biology as a profession: QH91.45
Marine birds
  Zoology: QL678.52+
Marine borers
  Marine biology: QH91.8.M3
Marine ecology: QH541.5.S3
Marine eutrophication: QH91.8.E87
Marine fishes
  Zoology: QL620+
Marine fouling organisms
  Marine biology: QH91.8.M3
Marine fungi: QK618
Marine insects
  Zoology: QL472.3
Marine meteorological services: QC875.A2+
Marine microbiology: QR106+
Marine parks and reserves: QH91.75.A1+
Marine phytoplankton: QK934
Marine plants: QK931
Marine pollution
  Effect on plants and animals: QH545.W3
Marine productivity
  Marine biology: QH91.8.M34
Marine products
  Nutrition: QP144.F56
Marine radioecology
  Ecology: QH543.6
Marine reptiles: QL665.5
Marine research ships: QH91.57.R47
Marine toxins
  Animal biochemistry: QP632.M37
Marine venoms
  Animal biochemistry: QP632.M37
Maritime climatology: QC993.83+
Maritime meteorology: QC993.83+
Marking
  Reptiles and amphibians: QL645.6+
Markov chains
  Stochastic processes: QA274.7+
Markov processes
  Quantum mechanics: QC174.17.M33
  Stochastic processes: QA274.7+
Marmosets: QL737.P925
Marmots
  Anecdotes and stories: QL795.M3
Marograviaceae: QK495.M285
Marrellidae
  Paleozoology: QE823.M3
Mars (Planet): QB641+
  Perturbations: QB376
  Satellites: QB403
  Solar parallax: QB516
Marsh ecology: QH541.5.M3
Marshes
  Biogeography: QH87.3
  Botany: QK938.M3
  Ecology: QH541.5.M3
  Zoology: QL114
Marsileaceae: QK524.M4
Marsupial cats: QL737.M33
Marsupial mice: QL737.M33
Marsupial moles: QL737.M445
Marsupialia: QL737.M3+
  Paleozoology: QE882.M3+
Marsupials: QL737.M3+
Martingales
  Stochastic processes: QA274.5
Martyniaceae: QK495.M287
Maser physics: QC685+
Masking
  Chemistry: QD63.M3
Mass
  Planets: QB603.M3
  Sun: QB523
Mass and weight measurements: QC105+
Mass loss
  Astrophysics: QB466.M37
Mass movements
  Geology: QE598+
Mass spectrometry
  Animal biochemistry: QP519.9.M3
  Microbiology: QR69.M33
Mass spectroscopy
  Analytical chemistry: QD96.M3
Mass transfer
  Thermodynamics: QC318.M3
Masses, Stellar: QB814
Mast cells
  Immunology: QR185.8.M35
Mastacembelidae: QL638.M28

Mastication
  Physiology: QP149
Mastigophora: QL368.A12
Mastiogophora
  Paleozoology: QE774.F5
Mastitis
  Microbiology: QR201.M4
Mastotermitidae: QL529.3.M3
Mata
  Mathematical statistics: QA276.45.M38
Maternally acquired immunity: QR185.33
Mathematica (Computer program language): QA76.73.M29
Mathematical crystallography
  Chemistry: QD911+
Mathematical geology: QE33.2.M3
Mathematical literature: QA41.7
Mathematical logic: QA8.9+
  Quantum mechanics: QC174.17.M35
Mathematical models
  Animal behavior: QL751.65.M3
  Animal biochemistry: QP517.M3
  Biology: QH323.5
  Botany: QK46.5.M3
  Ecology: QH541.15.M3
  Electrochemistry: QD555.6.M36
  Endocrine glands: QP187.3.M36
  Evolution: QH371.3.M37
  Genetics: QH438.4.M3
  Immune structures: QR185.8.M36
  Immunology: QR182.2.M36
  Marine biology: QH91.57.M38
  Nutrition research: QP143.5.M37
  Philosophy of science: Q175.32.M38
  Physiology: QP33.6.M36
  Polymers: QD381.9.M3
  Scientific research: Q180.55.M38
Mathematical optimization
  Analytical methods used in the solution of physical problems: QA402.5+
  Mathematical physics: QC20.7.M27
Mathematical physics: QC19.2+
  Mathematical theory: QA401+
Mathematical statistics: QA276+
Mathematical theory of sound: QC223
Mathematical writing
  Mathematics teaching aid: QA20.M38
Mathematical writing in mathematical study and teaching: QA20.M38
Mathematics: QA1+
  Analytical chemistry: QD75.4.C45
  Animal behavior: QL751.65.M32
  Astronomy: QB51.3.M38
  Astrophysics: QB462.3
  Chemistry: QD39.3.M3
  Condensed matter physics: QC173.458.M38
  Ecology: QH541.15.M34
  Electromagnetism: QC760.4.M37
Mathematics
  Genetics: QH438.4.M33
  Geophysics: QC809.M37
  Inorganic chemistry: QD152.5.M38
  Organic chemistry: QD255.5.M35
  Philosophy of science: Q175.32.M38
  Physical chemistry: QD455.3.M3
  Quantum chemistry: QD462.6.M39
  Seismology: QE539.2.M37
  Structural geography: QE601.3.M38
  Structural geology: QE501.4.M38
Mathematics as a profession: QA10.5
Mathematics, Computer: QA76.9.M35
Mathematics in astronomy: QB51.3.M38
Mathematics, Reverse: QA9.25+
Mathematics, Use of electronic computers in: QA76.95
Matrices
  Algebra: QA184+
  Linear and multilinear algebra: QA188+, QA188
Matrices, Random
  Algebra: QA196.5
Matrix isolation spectroscopy
  Analytical chemistry: QD96.M33
  Physics: QC454.M32
Matrix logic
  Mathematical logic: QA9.9
Matrix mechanics
  Quantum mechanics: QC174.3+
Matrix theories
  Elementary particle physics: QC793.3.M36
Matrix theory
  Mathematical physics: QC20.7.M3
Matroids
  Algebra: QA166.6
Mats
  Microbial ecology: QR100.8.M37
Matter, Constitution of: QC172+
Matter, Properties of: QC173.28+
Maude (Computer program language): QA76.73.M35
Maxima and minima
  Analytic geometry: QA563
Maximal oxygen uptake
  Physiology: QP120.M39
Maxwell's demon
  Thermodynamics: QC318.M35
Maxwell's equations: QC669+
Mayacaceae: QK495.M3
Mayflies
  Paleozoology: QE832.E65
  Zoology: QL505+
MDX (Computer program language): QA76.73.M39
Meadow beauty
  Botany: QK495.M514
Meadow ecology
  Biology: QH541.5.M4
Meadowfoam
  Botany: QK495.L73

Meadows
  Botany: QK938.M4
  Ecology: QH541.5.M4
  Zoology: QL115.5
Mealybugs
  Zoology: QL527.P83
Mean density of the earth: QB341
Mean field theory
  Statistical physics: QC174.85.M43
Meaning (Philosophy)
  Philosophy of science: Q175.32.M43
Means, Analysis of: QA279+
Measles
  Microbiology: QR201.M43
Measles vaccine: QR189.5.M4
Measure
  Integral calculus: QA312+
Measure theory
  Mathematical physics: QC20.7.M43
  Quantum mechanics: QC174.17.M4
Measurement
  Area: QC104.5
  Elementary geometry: QA465
  Volume: QC104
Measurement of angles
  Weights and measures: QC103
Measurement of length: QC101+
Measurement of software: QA76.76.S65
Measurement of thickness: QC102.5
Measurement uncertainty
  Mathematical statistics: QA276.8
Measurements
  Analytical chemistry: QD75.4.C45
Measuring
  Virology: QR388
Measuring and counting
  Marine biology: QH91.57.C68
Measuring instruments
  Physics: QC100.5+
Meat
  Microbiology: QR117
  Nutrition: QP144.M43
Mechanical advantage: QC73.8.M4
Mechanical chemistry
  Chemistry: QD850
Mechanical equivalent of heat: QC312
Mechanical forces
  Effect on plants: QK759
Mechanical properties
  Cells: QH645.5
  Heart: QP114.M43
  Petrology: QE431.6.M4
Mechanics, Celestial: QB349+
Mechanics of deformable bodies
  Analytic mechanics: QA901+
Mechanics of movement
  Physiology: QP303
Mechanoreceptors
  Anatomy: QL938.M4
Mecicobothriidae: QL458.42.M4
Mecistocephalidae: QL449.55.M4
Mecoptera
  Paleozoology: QE832.M43
  Zoology: QL598.5+
Medial geniculate body
  Anatomy: QL938.M43
Medical botany: QK99.A1+
Medical microbiology: QR46
Medical mycology
  Microbiology: QR245+
Medical parasitology
  Microbiology: QR251+
Medical zoology: QL99
Medicinal use
  Animals: QL756.6
Medieval works on mathematics: QA32
Mediterranean-type ecology: QH541.5.M44
Mediterranean-type plants
  Botany: QK938.M45
Medulla oblongata
  Neurophysiology: QP377
Medusagynaceae: QK495.M5
Medusandraceae: QK495.M51
Meenoplidae: QL527.M4
Meerschaum
  Mineralogy: QE391.M34
Megachasmidae: QL638.95.M44
Megachilidae: QL568.M4
Megadermatidae: QL737.C535
Megakaryocytes
  Physiology: QP97.5
Megalodon
  Cryptozoology: QL89.2.C37
Megalodontacea
  Paleozoology: QE812.M48
Megalodontidae: QL568.M44
Megalonychidae: QL737.E238
Megalopidae: QL638.M33
Megalopodidae: QL596.M3
Megaloptera
  Zoology: QL514.4+
Megalopygidae: QL561.M4
Megalosporaceae: QK585.M44
Megalyridae: QL568.M45
Megamerinidae: QL537.M4
Megamouth shark: QL638.95.M44
Megapodagrionidae: QL520.3.M4
Megapodes
  Zoology: QL696.G25
Megapodiidae: QL696.G25
Megascelidae: QL596.M34
Megathripidae: QL598.3.M44
Megathymidae: QL561.M42
Meinertellidae: QL503.7.M44

Meiosis
  Cytology: QH605.3
Melamphaeidae: QL638.M34
Melampsoraceae: QK627.M44
Melanconiaceae: QK625.M4
Melanconiales: QK625.M4
Melanconidaceae: QK623.M38
Melanges
  Petrology: QE471.15.M44
Melaniidae: QL430.5.T45
Melanin
  Animal biochemistry: QP671.M44
Melanoblossiidae: QL458.82.M4
Melanocetidae: QL638.M35
Melanogastraceae: QK629.M4
Melanommatales: QK623.M39
Melanophyceae: QK569.P5
Melanopsidae: QL430.5.M44
Melanosiderite
  Mineralogy: QE391.M4
Melanostomiatidae: QL638.M3573
Melanostomiidae: QL638.M3573
Melanotaeniidae: QL638.M358
Melanothripidae: QL598.3.M45
Melanthiaceae: QK495.M5135
Melasidae: QL596.E8
Melastomataceae: QK495.M514
Melatonin
  Animal biochemistry: QP572.M44
Meleagrididae: QL696.G27
Meliaceae: QK495.M52
Melianthaceae: QK495.M524
Meliolaceae: QK623.M4
Meliolales: QK623.M4
Meliphagidae: QL696.P249
Melittidae: QL568.M46
Mellates
  Mineralogy: QE389.7
Mellinidae: QL568.M466
Melody
  Neurophysiology: QP467
Meloidae: QL596.M38
Melolonthidae: QL596.M4
Melongenidae: QL430.5.M47
Melting points
  Thermochemistry: QD518
Melusinidae: QL537.S55
Melyridae: QL596.M43
Membracidae: QL527.M45
Membrane lipids
  Animal biochemistry: QP752.M45
Membrane proteins
  Animal biochemistry: QP552.M44
Membranes, Cardiac
  Physiology: QP114.M46
Membranes in sound vibrations: QC241
Memory
  Animals: QL785.2
  Neurophysiology: QP406
Memory, Immunologic: QR185.35
Memory management
  Computer science: QA76.9.M45
Menageries: QL73.A1+
Mendel
  Natural history: QH31.M45
Mendelevium
  Chemical element: Q1 .M3
Mengeidae: QL599.3.M45
Mengenillidae: QL599.3.M46
Menidae: QL638.M37
Meninges
  Human anatomy: QM469
Meningitis
  Microbiology: QR201.M6
Menispermaceae: QK495.M537
Menoponidae: QL540.3.M4
Menstruation
  Physiology: QP263
Menthidae: QL458.62.M4
Menuridae: QL696.P2495
Menyanthaceae: QK495.M5375
Mephitidae: QL737.C248
Mercapto compounds
  Animal biochemistry: QP801.M37
  Radiation chemistry: QD651.M38
Mercury
  Chemical element: Q1 .H6
  Effect on plants and animals: QH545.M4
  Meteorology: QC879.9.M47
Mercury barometers
  Meterology: QC886+
Mercury compounds
  Spectra: QC464.M47
Mercury ores
  Mineralogy: QE390.2.M47
Mercury (Planet): QB611+
  Perturbations: QB371
  Transit: QB515
Mercury telluride
  Semiconductor physics: QC611.8.M38
Mercury thermometers: QC272
Mergers
  Galaxies: QB857.5.M47
Mergers, Stellar: QB818.5
Meridian, Determination of: QB207
Meridian instruments
  Astronomical instruments: QB101
Meridians, Prime
  Astronomy: QB224
Merlucciidae: QL638.M4
Meropeidae: QL598.7.M4
Meropidae: QL696.C754
Merostomata: QL447.7

Merostomata
  Paleozoology: QE825+
Merothripidae: QL598.3.M47
Merumite
  Mineralogy: QE391.M45
Mesencephalon
  Neurophysiology: QP378+
Mesentery
  Anatomy: QL864
  Human anatomy: QM367
  Physiology: QP157
Mesitornithidae: QL696.G85
Mesoclimatology: QC981.7.M4
Mesogastropoda
  Paleozoology: QE809.M4
Mesomerism
  Physical chemistry: QD471
Mesometeorology: QC883.4+
Mesons
  Elementary particle physics: QC793.5.M42+
Mesopause
  Meteorology: QC881.2.M3
Mesoscopic phenomena
  Solid state physics: QC176.8.M46
Mesosphere
  Meteorology: QC881.2.M3
Mesotaeniaceae: QK569.M48
Mesoveliidae: QL523.M4
Mesozoa: QL391.M4
Mesozoic
  Paleobotany: QE921+
  Paleontology: QE731+
  Stratigraphy: QE675+
Messenger RNA
  Animal biochemistry: QP623.5.M47
Metabasite: QE475.M45
Metabolism
  Bacterial physiology: QR88+
  Biology: QH521
  Heart physiology: QP114.M48
  Physiology: QP171+
  Phytochemistry: QK881+
Metachandidae: QL561.M44, QL561.M44
Metal carbonyls
  Spectra: QC463.M38
Metal-insulator transitions
  Solid state physics: QC176.8.M48
Metal oxides
  Semiconductor physics: QC611.8.M4
Metal vapors
  Spectra: QC462.M47
Metallic oxides
  Magnetic materials: QC766.M4
  Spectra: QC464.M48
  Surface chemistry: QD509.M46
Metallic wood borers: QL596.B8
Metalloenzymes
  Animal biochemistry: QP601.7+
Metallofoldamers
  Organic chemistry: QD382.O43
Metallogeny
  Mineralogy: QE364.2.M37
Metalloproteins
  Animal biochemistry: QP552.M46
Metallothionein
  Animal biochemistry: QP552.M47
Metalmark moths: QL561.C47
Metals
  Analytical chemistry: QD132+
  Animal biochemistry: QP532
  Effect on plants: QK753.M47
  Effect on plants and animals: QH545.M45
  Elastic properties: QC191.5.M48
  Geochemistry: QE516.M65
  Microbial degradation: QR135.5.M37
  Microbial metabolism: QR92.M45
  Spectra: QC462.M49
Metals, Free electron theory of
  Solid state physics: QC176.8.F74
Metals, Heavy
  Effect on plants and animals: QH545.H42
Metamathematics
  Mathematical logic: QA9.8
Metamorphic rocks: QE475.A2+
Metamorphism: QE475.A2+
Metamorphosis
  Embryology: QL981
  Insects: QL494.5
  Invertebrates: QL363.5
Metasomatism
  Mineralogy: QE364.2.M4
Meteor Crater (Ariz.)
  Astronomy: QB756.M4
Meteor showers: QB745+
Meteorite craters: QB754.8+
Meteorites: QB754.8+
Meteoritic hypothesis (Cosmogony): QB980+
Meteorological information, Exchange of: QC866.5.E93
Meteorological instruments: QC875.5+
Meteorological optics: QC974.5+
Meteorological phenomena
  Geomagnetism: QC839
Meteorological stations: QC875.A2+
Meteorology: QC851+
  Mars (Planet): QB643.M48
  Venus (Planet): QB623.M48
Meteorology, Planetary: QB603.A85
Meteors: QB740+
Metformin
  Animal biochemistry: QP801.M39
Methacrylate polymers
  Organic chemistry: QD383.A27

Methane
  Microbial metabolism: QR92.M46
Methanol
  Radiation chemistry: QD651.M4
Methionine
  Animal biochemistry: QP562.M4
Methocidae: QL568.M48
Methodology
  Science: Q174+
Methoxyhydroxphenylglycol
  Animal biochemistry: QP801.M42
Methyl groups
  Microbial metabolism: QR92.M47
Methylation
  Animal biochemistry: QP624.5.M46
  Organic chemistry: QD281.M48
Methylenetetrahydrofolate reductase
  Animal biochemistry: QP603.M48
Methylobacteriaceae: QR82.M38
Methylomonadaceae: QR82.M4
Methylotrophic bacteria: QR88.4
Methylotrophy
  Bacterial physiology: QR88.4
Methyltransferases
  Animal biochemistry: QP606.M48
Methylxanthines
  Animal biochemistry: QP801.M425
Metiamide
  Animal biochemistry: QP801.M43
Metopiidae: QL537.S25
Metric spaces
  Topology: QA611.28
Metric system: QC90.8+
Metzgeriaceae: QK555.M4
Mevalonic acid
  Animal biochemistry: QP801.M45
Mexican burrowing pythons: QL666.O66
Mica
  Mineralogy: QE391.M6
  Spectra: QC464.M53
Mice: QL737.R666
  Anecdotes and stories: QL795.M37
  Experimental genetics: QH470.M52
  Laboratory manuals: QL813.M55
Micro:bit: QA76.8.M47
Microbacteriaceae: QR82.M45
Microbial degradation: QR135+
Microbial differentiation: QR73.5
Microbial ecology: QR100+
Microbial genetics
  Biology: QH434
Microbial populations: QR73.8
Microbial respiration: QR89+
Microbial toxins
  Animal biochemistry: QP632.M52
Microbiological assay
  Microbiology: QR69.M48
Microbiological chemistry: QR148
Microbiology: QR1+
Microbiology for nurses: QR46
Microbiology, Pharmaceutical: QR46.5
Microbiotheria: QL737.M43+
  Paleozoology: QE882.M35
Microbiotheriidae: QL737.M435
Microbodies
  Cytology: QH603.M35
Microbursts
  Meteorology: QC880.4.M52
Microcalorimeters: QC293.M5
Microcharmidae: QL458.72.M52
Microchemical analysis
  Analytical chemistry: QD79.M5
  Organic chemistry: QD272.M5
  Qualitative analysis: QD98.M5
  Quantitative analysis: QD117.M5
Microchemistry
  Quantitative analysis: QD117.M5
Microcinematography
  Microscopy: QH255
Microcirculation
  Physiology: QP106.6
Microclimatology
  Climatology: QC981.7.M5
  Ecology: QH543+
Microclusters
  Atomic physics: QC173.4.M48
Micrococcaceae: QR82.M5
Microcomputer workstations: QA76.525
Microdesmidae: QL638.M5
Microhylidae: QL668.E26
Microlensing
  Galaxies: QB857.5.G7
Microlocal analysis
  Mathematical physics: QC20.7.M53
Micromalthidae: QL596.M47
Micromechanics
  Solid state physics: QC176.8.M5
Micrometeorology: QC883.7+
Micrometers
  Astronomical instruments: QB113
  Physical instruments: QC102.5
Micromonosporaceae: QR82.M55
Microorganisms
  Cellulose: QR160
  Development: QR73.4
  Evolution: QR13
  Plant products: QR160
  Recombination genetics: QH448+
Microorganisms in the animal body
  Microbiology: QR171.A1+
Microorganisms of amphibians: QR314
Microorganisms of animals: QR301+
Microorganisms of birds: QR311
Microorganisms of fishes: QR321

Microorganisms of insects: QR327
Microorganisms of invertebrates: QR325+
Microorganisms of mammals: QR303
Microorganisms of microorganisms: QR340+
Microorganisms of plants: QR351
Microorganisms of poikilotherms: QR330
Microorganisms of reptiles: QR315
Microorganisms of vertebrates: QR302+
Micropaleontology: QE719+
Micropeplidae: QL596.M5
Micropezidae: QL537.M43
Microphotometry
  Optics: QC391
Microphoton excitation microscopes: QH212.M84
Microphysics
  Atomic physics: QC173.4.M5
Microphysidae: QL523.M47
Micropipette techniques
  Cytology: QH585.5.M52
Micropolar elasticity
  Analytic mechanics: QA932
Microprobe analysis
  Biological research: QH324.9.M5
Microprogramming
  Digital computers: QA76.635
Micropterygidae: QL561.M48
Microsatellites
  Genetics: QH452.2
Microsauria
  Paleozoology: QE868.M53
Microscope specimen preparation: QH231+
Microscopic analysis
  Petrology: QE434
Microscopic anatomy
  Human histology: QM550+
Microscopic determinations
  Determinative mineralogy: QE369.M5
Microscopy
  Natural history: QH201+
  Plant anatomy: QK673
Microseisms
  Seismology: QE539.2.M5
Microsoft Excel (Computer file)
  Mathematical statistics: QA276.45.M53
Microsoft .NET Framework
  Computer software: QA76.76.M52
Microsoft Network
  Data processing system: QA76.57.M52
Microsoft Visual Basic
  Programming languages: QA76.73.M53
Microsoft Visual Basic for applications
  Programming languages: QA76.73.M53
Microsoft Windows 10
  Computer software
    Operating systems: QA76.774.M435
Microsoft Windows 7
  Computer software
    Operating systems: QA76.774.M43
Microsoft Windows 8
  Computer software
    Operating systems: QA76.774.M434
Microsoft Windows Me
  Computer software
    Operating systems: QA76.774.M48
Microsoft Windows NT
  Computer software
    Operating systems: QA76.774.M53
Microsoft Windows server
  Computer software
    Operating systems: QA76.774.M55
Microsoft Windows Vista
  Computer software
    Operating systems: QA76.774.M56
Microsoft Windows XP
  Computer software
    Operating systems: QA76.774.M58
Microsomes
  Cytology: QH603.M4
Microspectrophotometry
  Cytology: QH585.5.M53
Microsporida: QL368.M5
Microsporidiosis
  Microbiology: QR201.M73
Microstigmatidae: QL458.42.M5
Microtechnique
  MIcroscopy: QH231+
  Plant anatomy: QK673
Microthyriaceae: QK623.M5
Microtomy: QH233
Microtrombidiidae: QL458.2.M53
Microtubules
  Cytology: QH603.M44
Microwave meteorology: QC972.6+
Microwave optics
  Electromagnetic theory: QC675.8
Microwave spectroscopy
  Analytical chemistry: QD96.M5
  Physics: QC454.M5
Microwaves
  Physiological effect: QP82.2.M5
  Plasma physics: QC718.5.M5
  Radio waves: QC677+
Micrurgy
  Microbiology: QR69.M5
Midbrain
  Neurophysiology: QP378+
Middle American killifishes: QL638.P788
Middle atmosphere
  Meteorology: QC881.2.M53
Middle Cretaceous
  Stratigraphy: QE687

Middle Jurassic
  Stratigraphy: QE683
Middle Triassic
  Stratigraphy: QE678
Middleware
  Computer software: QA76.76.M54
Midges
  Paleozoology: QE832.D6
  Zoology: QL537.C456
Mie scattering: QC427.8.M5
Migidae: QL458.42.M53
Migmatite: QE475.M5
Mignonette
  Botany: QK495.R4
Migration
  Animal behavior: QL754
  Birds: QL698.9
  Electrochemistry: QD562.M54
  Fishes: QL639.5
  Gas dynamics: QC168.85.M53
  Insects: QL496.2
  Mammals: QL739.5
Migratory animals
  Animal behavior: QL754
Milichiide: QL537.M5
Milk
  Nutrition: QP144.M54
Milk proteins
  Animal biochemistry: QP552.M54
Milk secretions
  Physiology: QP246
Milkweed
  Botany: QK495.A815
Milkweed butterflies: QL561.D3, QL561.N9
Milkwort
  Botany: QK495.P775
Milky Way galaxy: QB857.7+
Millimeter astronomy: QB479.4
Millimeter waves
  Physiological effect: QP82.2.M54
Millipedes: QL449.6+
Mimallonidae: QL561.M5
Mimetidae: QL458.42.M54
Mimicry
  Ecology: QH546
Mimidae: QL696.P25
Mimosaceae: QK495.M545
Mineral industries
  Effect on plants and animals: QH545.M52
Mineralogical chemistry: QE371
Mineralogical laboratories: QE366.15+
Mineralogy
  Geology: QE351+
Mineralogy, Descriptive: QE372+
Mineralogy, Determinative: QE367+
Minerals
  Animal biochemistry: QP533
Minerals
  Effect on plants: QK753.M56
  Microbial metabolism: QR92.M5
Minima
  Analytic geometry: QA563
Minimal surfaces: QA644
Minimum description length
  Mathematical statistics: QA276.9
Minimum message length
  Mathematical statistics: QA276.9
Mining, Data
  Biological research: QH324.27
Minitab
  Mathematical statistics: QA276.45.M56
Minitel
  Data processing system: QA76.57.M55
Minks
  Anecdotes and stories: QL795.M5
  Laboratory manuals: QL813.M56
Minnows
  Zoology: QL638.C94
Minor histocompatibility antigens: QR184.34+
Minor planets: QB651+
  Perturbations: QB377+
Mint
  Botany: QK495.L25
Miocene
  Paleobotany: QE929
  Paleontology: QE739
  Stratigraphy: QE694
Mirages
  Meteorological optics: QC976.M6
Mirapinnidae: QL638.M57
Miridae: QL523.M5
Mirrors
  Astronomy: QB88+
Miscogastridae: QL568.M55
Miscophidae: QL568.M56
Misodendraceae: QK495.M55
Missing mass: QB791.35
Mississippian
  Paleobotany: QE919.3
  Paleontology: QE729.2
  Stratigraphy: QE672
Mistletoe
  Botany: QK495.L87
Mites
  General: QL451+
  Zoology: QL458+
Mitochondria
  Cytology: QH603.M5
Mitochondrial DNA
  Animal biochemistry: QP624.5.M58
Mitosis
  Cytology: QH605.2
Mitridae: QL430.5.M57
Mitsukurinidae: QL638.95.M58

ML (Computer program language): QA76.73.M6
Mnesarchaeidae: QL561.M55
Mniaceae: QK539.M68
Mobile communication systems
  Mathematics teaching aid: QA20.M63
Mobile computing
  Digital computers: QA76.59
Mobile genetic elements: QH452.3+
Mobulidae: QL638.85.M6
Mochokidae: QL638.M6
Mockingbirds: QL696.P25
Modal logic
  Mathematical logic: QA9.46
Model-based reasoning
  Artificial intelligence: Q339.19
Model theory
  Mathematical logic: QA9.7
Modeling, Geochemical: QE515.5.G43
Modelmaking
  Zoology: QL64
Models
  Paleontology: QE721.2.M63
  Zoology: QL64
Models, Learning
  Stochastic processes: QA274.6
Models, Mathematical
  Philosophy of science: Q175.32.M38
Modern geometry: QA473+
Modular arithmetic: QA247.35
Modular curves: QA567.2.M63
Modular fields
  Algebra: QA247.3+
Modular functions
  Analysis: QA343
Modular programming
  Digital computers: QA76.637
Mogoplistidae: QL508.M6
Mohole project
  Structural geology: QE501.4.M6
Moissanite
  Mineralogy: QE391.M67
Moisture
  Bacterial physiology: QR97.W37
Mojarras: QL638.G43
Mokele-mbembe: QL89.2.M58
Molannidae: QL518.M6
Molas: QL638.M64
Mole crickets
  Zoology: QL508.G87
Mole salamanders: QL668.C23
Mole vipers: QL666.O627
Molecular aspects
  Botany: QK95.6
Molecular astrophysics: QB462.6
Molecular beam epitaxy: QC611.6.M64
Molecular beams
  Atomic physics: QC173.4.M65
Molecular biology
  Biology: QH506
  Fungi: QK604.2.M64
  Heart physiology: QP114.M65
  Plant physiology: QK728
Molecular chaperones
  Animal biochemistry: QP552.M64
Molecular clouds: QB791.4
Molecular clusters
  Atomic physics: QC173.4.M48
Molecular computers: QA76.887
Molecular dimensions
  Physical chemistry: QD461
Molecular dynamics
  Animal biochemistry: QP517.M65
Molecular ecology
  Ecology: QH541.15.M63
Molecular emission cavity analysis
  Analytical chemistry: QD79.P4
Molecular endocrinology: QP187.3.M64
Molecular entomology
  Insects: QL493.5
Molecular genetics
  Biology: QH442+
  Plants: QK981.4
Molecular immunology: QR185.6
Molecular microbiology: QR74
Molecular neurobiology: QP356.2
Molecular orbitals
  Animal biochemistry: QP517.M66
  Physical chemistry: QD461
Molecular probes
  Animal biochemistry: QP519.9.M64
Molecular recognition
  Animal biochemistry: QP517.M67
Molecular rotation
  Physical chemistry: QD481
Molecular spectra
  Analytical chemistry: QD96.M65
Molecular spectroscopy
  Physics: QC454.M6
Molecular structure
  Physical chemistry: QD461
Molecular theory
  Physical chemistry: QD461
Molecular virology: QR389
Molecular weights
  Physical chemistry: QD463+
  Polymers: QD381.9.M64
Molecule models
  Physical chemistry: QD480
Molecules
  Statistical physics: QC175.16.M6
Moles (Animals)
  Anecdotes and stories: QL795.M57
  Zoology: QL737.S76
Molidae: QL638.M64

Molluginaceae: QK495.M6
Mollusca
  Paleozoology: QE801+
  Zoology: QL401+
Molossidae: QL737.C54
Molybdates
  Mineralogy: QE389.67
Molybdenite
  Mineralogy: QE391.M7
Molybdenum
  Chemical element: Q1 .M7
  Effect on plants: QK753.M6
  Effect on plants and animals: QH545.M6
Molybdenum enzymes
  Animal biochemistry: QP601.75.M64
Moments
  Elementary particle physics: QC793.3.S6
  Nuclear interactions: QC794.6.M6
Moments of inertia
  Analytic mechanics: QA839
Momentum, Angular
  Physical optics: QC446.3.A54
Momentum distributions
  Atomic physics: QC173.4.M67
Momotidae: QL696.C756
Monamine oxidase
  Animal biochemistry: QP603.M6
Monascaceae: QK623.M63
Monazite
  Mineralogy: QE391.M75
Mongooses
  Anecdotes and stories: QL795.M6
  Zoology: QL737.C235
Moniliaceae: QK625.M7
Moniliales: QK625.M74
Monimiaceae: QK495.M67
Monitor lizards
  Zoology: QL666.L29
Monitoring
  Ecology: QH541.15.M64
Monitoring, Volcanos: QE527.5
Monkeys
  Anecdotes and stories: QL795.M7
Monoblepharidaceae: QK621.M6
Monocanthidae: QL638.M645
Monocentridae: QL638.M65
Monoclinic systems (Crystallography): QD912
Monoclonal antibodies
  Immunology: QR186.85
Monocotyledons: QK495.A14
  Paleobotany: QE981
Monocytes
  Physiology: QP95.7
Monodactylidae: QL638.M653
Monodontidae: QL737.C433
Monoedidae: QL596.M53
Monognathidae: QL638.M654
Monomachidae: QL568.M6
Monomolecular films
  Surface chemistry: QD509.M65
Monooxygenases
  Animal biochemistry: QP603.M65
Monophlebidae: QL527.M37
Monoplacophora: QL430.15
  Paleozoology: QE805
Monotidae
  Paleozoology: QE812.M6
Monotomidae: QL596.M57
Monotremata: QL737.M7+
  Paleozoology: QE882.M6
Monsoons
  Meteorology: QC939.M7
Monstrilloida: QL444.C756
Monte Carlo method
  Mathematical physics: QC20.7.M65
  Numerical analysis: QA298
  Quantum chemistry: QD462.6.M66
  Statistical physics: QC174.85.M64
Monticuliporidae
  Paleozoology: QE799.M6
Monzonite: QE462.M6
Moon
  Capture by the earth: QB392.C3
  Descriptive astronomy: QB580+
Moon motion inequalities: QB392.I5
Mooneyes: QL638.H56
Moonseed
  Botany: QK495.M537
Moor ecology: QH541.5.M6
Moorish idol (Fish)
  Zoology: QL638.Z28
Moors
  Biogeography: QH87.3
  Botany: QK938.M6
  Ecology: QH541.5.M6
Moose
  Anecdotes and stories: QL795.M8
Mopaliidae: QL430.14.M64
Moraceae: QK495.M73
Morag: QL89.2.M6
Moraines
  Geology: QE578
Moral aspects
  Computer science: QA76.9.M65
  Genetics: QH438.7
  Scientific research: Q180.55.M67
Morays: QL638.M875
Morchellaceae: QK623.M65
Mordellidae: QL596.M6
Mordenite
  Mineralogy: QE391.M8
Morehouse comet: QB723.M67
Moridae: QL638.M67
Moringaceae: QK495.M74

Moringuidae: QL638.M675
Mormoopidae: QL737.C543
Mormotomyiidae: QL537.M6
Mormyridae: QL638.M676
Mormyriformes: QL637.9.M6
Morning-glory
  Botany: QK495.C78
Moronidae: QL638.M678
Morphidae: QL561.M6
Morphogenesis
  Biology: QH491+
  Plant anatomy: QK665
Morphology
  Algae: QK565+
  Amphibians: QL669
  Animals: QL799+
  Aperygota: QL504
  Arachnida: QL459
  Arthropoda: QL434.7
  Bacteria: QR75+
  Biology: QH351
  Birds: QL697+
  Blattaria: QL505.8
  Brachiopoda: QL395.9
  Bryozoa: QL399
  Coelenterata: QL378
  Coleoptera: QL597
  Crustacea: QL445
  Ctenophora: QL380.7
  Dermaptera: QL510.4
  Diptera: QL538
  Echinodermata: QL385
  Embioptera: QL539.4
  Ephemeroptera: QL505.4
  Fishes: QL639
  Fungi: QK601
  Hemiptera: QL524
  Homoptera: QL528
  Hymenoptera: QL569
  Insects: QL494
  Invertebrates: QL363
  Isoptera: QL529.4
  Lepidoptera: QL562
  Mallophaga: QL540.4
  Mammals: QL739
  Mecoptera: QL598.8
  Megaloptera: QL514.8
  Mollusca: QL431
  Myriapoda: QL449.9
  Neuroptera: QL514
  Odonata: QL520.4
  Orthoptera: QL509
  Plecoptera: QL530.4
  Porifera: QL374
  Protozoa: QL369
  Raphidioptera: QL514.95
  Reptiles: QL669
Morphology
  Siphonaptera: QL599.8
  Strepsiptera: QL599.4
  Thysanoptera: QL598.4
  Trichoptera: QL519
  Worms: QL393
Morphotectonics: QE511.44
Mortality
  Birds: QL698.25
Mortierellaceae: QK621.M64
Mosaic viruses
  Virology: QR402
Mosaicism
  Genetics: QH445.7
Moschatel
  Botany: QK495.A178
Moschidae
  Zoology: QL737.U575
Mosquitoes
  Paleozoology: QE832.D6
  Zoology: QL536
Mössbauer effect: QC491
Mössbauer spectroscopy: QC491
  Analytical chemistry: QD96.M6
Mosses
  Botany: QK534+
  Paleobotany: QE959
Motacillidae: QL696.P252
Mothflies: QL537.P85
Mothman: QL89.2.M68
Moths
  Paleozoology: QE832.L5
  Zoology: QL541+
Motilin
  Animal biochemistry: QP572.M66
Motility
  Cells: QH647
  Microbiology: QR96
Motion
  Physics: QC133+
Motion in the line of sight
  Astronomy: QB857.5.M67
  Stellar spectroscopy: QB901
Motion of clouds: QC922+
Motion of gases
  Fluid mechanics: QC167.5+
Motion of planets: QB603.M6
Motion of surfaces
  Dynamics of a particle
    Analytic mechanics: QA855
Motion pictures
  Mathematics teaching aid: QA19.M6
Motion pictures in science teaching: Q192
Motion, Stellar: QB810+
Motions
  Kinematics: QA841+

Motivation
  Animals: QL781.3
  Neurophysiology: QP409
Motmots: QL696.C756
Mountain beavers: QL737.R626
Mountain bikes
  Effect on plants and animals: QH545.A42
Mountain biking
  Effect on plants and animals: QH545.A42
Mountain birds
  Zoology: QL677.79.M68
Mountain building: QE621+
Mountain climatology: QC993.6
Mountain ecology: QH541.5.M65
Mountain meteorology: QC993.6
Mountain winds: QC939.M8
Mountains
  Biogeography: QH87
  Ecology: QH541.5.M65
  Plant ecology: QK937
  Zoology: QL113
Mounting of microscope specimens: QH239
Mouse-tailed bats: QL737.C585
Mouth
  Anatomy: QL857
  Human anatomy: QM306
  Physiology: QP146+
Movement
  Biology: QH514
  Physiology: QP301+
Movement in visual space perception
  Neurophysiology: QP493
Movement of the eye
  Neurophysiology: QP477.5
Movement, Sense of
  Physiology: QP454
Movements
  Plant physiology: QK771+
Movements affecting growth
  Plant physiology: QK773+
Moving axes
  Kinematics: QA841+
Moving media
  Electromagnetic theory: QC671
MSH
  Animal biochemistry: QP572.M75
Mu bacteriophage: QR342.2.M82
Mucedinaceae: QK625.M7
Mucilage
  Plant constituent: QK898.M8
Mucins
  Animal biochemistry: QP552.M8
Mucopolysaccharides
  Animal biochemistry: QP702.M8
Mucoraceae: QK621.M94
Mucorales: QK621.M96
Mucous membrane
  Immunology: QR185.9.M83
Mucous membrane secretions
  Physiology: QP215
Mucus
  Physiology: QP215
Mudflows
  Geology: QE599+
Mudminnows: QL638.U5
Muds, Drilling
  Effect on plants and animals: QH545.D74
Mudslides
  Geology: QE599+
Mudstone
  Petrology: QE471.15.M83
Mugilidae: QL638.M8
Mugiloididae: QL638.P613
Mulberry
  Botany: QK495.M73
Mullets
  Zoology: QL638.M8
Mullidae: QL638.M85
Multilayered thin films: QC176.9.M84
Multilinear algebra: QA184+, QA199.5
Multilingual computing
  Computer science: QA76.9.M68
Multimedia computer systems: QA76.575
Multimedia data mining
  Computer science: QA76.9.D343
Multimedia systems
  Digital computers: QA76.575
Multiphase flow
  Fluid dynamics: QA922
Multiple birth
  Embryology: QL971+
Multiple scattering
  Atomic physics: QC173.4.M85
Multiple stars: QB821+
Multiplication
  Elementary mathematics: QA115
Multiplication tables: QA49
Multiplicity
  Nuclear interactions: QC794.6.M85
Multiply charged ions
  Electric discharge: QC702.7.M84
Multiring basins: QB456
Multisensory processing
  Physiology: QP442
Multistage decision procedures
  Mathematical statistics: QA279.7
Multituberculata
  Paleozoology: QE882.M8
Multivariate analysis
  Mathematical statistics: QA278+
Munitions
  Effect on plants and animals: QH545.M86

Muons
  Elementary particle physics: QC793.5.M42+
Muraenesocidae: QL638.M87
Muraenidae: QL638.M875
Muraenolepididae: QL638.M876
Murchisoniata
  Paleozoology: QE809.M8
Muricidae: QL430.5.M9
  Paleozoology: QE809.M85
Muridae: QL737.R666
Muriquis: QL737.P915
Murmidiidae: QL596.M8
Murres: QL696.C42
Mururoa Atoll
  Geology: QE566.M87
Musaceae: QK495.M78
Musales: QK495.A14
Musci: QK534+
Muscicapidae: QL696.P255
Muscidae: QL537.M8
Muscle
  Physiology: QP321+
Muscle nerves
  Physiology: QP369+
Muscle proteins
  Animal biochemistry: QP552.M85
Muscles
  Anatomy: QL831
  Human anatomy: QM151+
  Physiology: QP321+
Muscovite
  Mineralogy: QE391.M85
Muscular sense
  Physiology: QP454
Muscular tissues
  Human histology: QM571
Musculoskeletal system
  Human anatomy: QM100
  Physiology: QP301+
Museums
  Astronomy: QB2.A1+
  Botany: QK79+
  Fungi: QK600.5+
  Physics: QC60.A1+
  Science: Q105.A1+
  Weights and measures: QC81.5.A1+
Mushrooms
  Botany: QK617
Music
  Mathematics teaching aid: QA19.M87
  Science: Q172.5.M87
Musidoridae: QL537.L63
Musk deer
  Zoology: QL737.U575
Musk-oxen
  Anecdotes and stories: QL795.M85
Muskrats
  Anecdotes and stories: QL795.M87
Musophagidae: QL696.C85
Musophagiformes: QL696.C85
Mustard
  Botany: QK495.C9
Mustelidae: QL737.C25
Mutagenesis, Site-specific: QH465.5
Mutation
  Evolution: QH390
Mutations
  Genetics: QH460+
Mutillidae: QL568.M8
Mutualism
  Ecology: QH548.3
MXenes
  Inorganic chemistry: QD172.T6
Myalinidae
  Paleozoology: QE812.M9
Mycelia Sterilia: QK625.M9
Mycetaeidae: QL596.M9
Mycetobiidae: QL537.M9
Mycetophagidae: QL596.M92
Mycetophilidae: QL537.M92
Mycetopodidae: QL430.7.M85
Mycetozoida: QL368.M78
Mycobacteriaceae: QR82.M8
Mycobacterial diseases
  Microbiology: QR201.M96
Mycocaliciales: QK623.M89
Mycology, Diagnostic
  Microbiology: QR248
Mycoparasitism: QK604.2.M89
Mycoplasma diseases
  Microbiology: QR201.M97
Mycoplasmas
  Microbiology: QR352+
Mycoplasmataceae
  Microbiology: QR352.5.M9
Mycorrhizal fungi
  Botany: QK604.2.M92
Mycorrhizas
  Botany: QK604.2.M92
Mycosphaerellaceae: QK623.M93
Mycosphaerellales: QK623.M93
Mycotoxicoses
  Microbiology: QR201.M98
Mycotoxins
  Animal biochemistry: QP632.M9
Myctophidae: QL638.M9
Myctophiformes: QL637.9.M93
Mydaidae: QL537.M93
Myelin
  Animal biochemistry: QP752.M9
Myelin basic protein
  Animal biochemistry: QP552.M88

Myelin proteins
  Animal biochemistry: QP552.M88
Myidae: QL430.7.M9
Myiodactylidae: QL513.M86
Myliobatidae: QL638.85.M9
Mylonite: QE475.M95
Mymaridae: QL568.M94
Mymarommatidae: QL568.M944
Mymarothripidae: QL598.3.M9
Myobatrachidae: QL668.E2615
Myobiidae: QL458.2.M9
Myocardium
  Physiology: QP113.2
Myocastoridae: QL737.R668
Myocoptidae: QL458.2.M93
Myodocopida: QL444.O85
Myogenesis
  Embryology: QL979
Myohemoglobin
  Animal biochemistry: QP552.M9
Myonueral junction
  Physiology: QP369.5
Myoporaceae: QK495.M8
Myosin
  Animal biochemistry: QP552.M93
Myriapoda: QL449+
  Paleozoology: QE828+
Myricaceae: QK495.M83
Myrionemataceae: QK569.M87
Myristicaceae: QK495.M85
Myrmecobiidae: QL737.M335
Myrmecolacidae: QL599.3.M9
Myrmecophagidae: QL737.E24
Myrmecophilidae: QL508.M9
Myrmecophilism: QK924
Myrmeleontidae: QL513.M9
Myrmosidae: QL568.M97
Myrocongridae: QL638.M97
Myrothamnaceae: QK495.M86
Myrsinaceae: QK495.M87
Myrtaceae: QK495.M9
Myrtle
  Botany: QK495.M9
Mysidacea: QL444.M35
Mysmenidae: QL458.42.M97
MySQL (Computer program language): QA76.73.S67
Mystacinidae: QL737.C545
Mystacocarida: QL444.M9
Mysticeti: QL737.C42+
Mythicomyiidae: QL537.M98
Mytilidae: QL430.7.M95
  Paleozoology: QE812.M94
Myxini: QL638.13+
Myxinidae: QL638.15.M9
Myxiniformes: QL638.14+
Myxococcaceae: QR82.M95
Myxomycetes
  Botany: QK635.A1+
Myxophyceae: QR99.6+
Myxosporida: QL368.M8
Myxoviruses
  Virology: QR404
Myzopodidae: QL737.C55

N

N stars: QB843.N12
Nabidae: QL523.N3
Nacellidae: QL430.5.N27
Nacreous clouds: QC921.43.N3
NAD (Coenzyme)
  Animal biochemistry: QP625.N34
Naiadaceae: QK495.N3
Nails
  Anatomy: QL942
  Human anatomy: QM488
Naked singularities (Cosmology): QB991.N34
Names
  Planets: QB600.5
Nandidae: QL638.N25
Nannofossils
  Paleontology: QE955
Nanocrystals
  Semiconductor physics: QC611.8.N33
Nanostructures
  Solid state physics: QC176.8.N35
Naphthalene
  Organic chemistry: QD391
Naphthoquinone
  Spectra: QC463.N35
Napping
  Physiology: QP427
Narrow gap semiconductors: QC611.8.N35
Narrow-mouthed toads: QL668.E26
Narrow operators
  Functional analysis: QA329.5
Narrow-winged damselflies: QL520.3.C64
Narwhal
  Zoology: QL737.C433
Nasopharyngeal system
  Microbiology: QR171.N3
Nassariidae: QL430.5.N3
  Paleozoology: QE809.N3
Nasturtium
  Botany: QK495.T77
Natalidae: QL737.C555
Naticidae: QL430.5.N35
  Paleozoology: QE809.N32
National plants
  Botany: QK84.8+
Native elements
  Mineralogy: QE389.1

Natrium
  Chemical element: Q1 .N2
Natrolite: QE391.N27
Natural areas: QH75+
Natural computation: QA76.9.N37
Natural disasters
  Effect on plants and animals: QH545.N3
Natural history: QH1+
Natural history literature: QH13.45
Natural immunity: QR185.2
Natural language processing
  Computers: QA76.9.N38
Natural selection
  Biology: QH375
  Plants: QK985
Natural systems
  Botany: QK93+
Naturalism
  Philosophy of science: Q175.32.N38
Nature and nurture
  Genetics: QH438.5
Nature books: QH81
Nature conservation: QH75+
Nature of life: QH341
Nature reserves: QH75+
Nature study: QH50.5+
Nature trails
  Study and teaching: QH58
Naucoridae: QL523.N4
Naujakasite: QE391.N3
Nautical almanacs
  Ephimerides: QB8.A+
Nautilidae: QL430.3.N4
Nautiloidea
  Paleozoology: QE807.N4
Naviculaceae: QK569.N37
Navigation
  Animals: QL782
  Birds: QL698.8
NCL (Computer program language): QA76.73.N39
Near-field microscopes: QH212.N43
Nearctodesmidae: QL449.65.N4
Nebulae
  Stellar spectroscopy: QB891
Nebulae, Gaseous: QB855.55
Nebulae, Planetary: QB855.5
Nebulae, Proto-planetary: QB855.5
Nebular hypothesis (Cosmology): QB980+
Neck
  Anatomy: QL950.4
  Regional anatomy: QM535
Neck muscles
  Human anatomy: QM155
Necks
  Geology: QE611+
Necrosis
  Microbiology: QR201.N4
Nectaries: QK657
Nectariniidae: QL696.P257
Nectriaceae: QK623.N43
Nectrioidaceae: QK625.Z9
Needlefishes: QL638.B34
Neelidae: QL503.N4
Neenchelyidae: QL638.N3
Negative ions
  Electric discharge: QC702.7.N4
Negative refraction: QC426.8.N44
Neididae: QL523.N46
Neisseria infections
  Microbiology: QR201.N45
Neisseriaceae: QR82.N4
Nekton
  Aquatic biology: QH90.8.N44
  Marine biology: QH91.8.N37
Nelumbonaceae: QK495.N33
Nemaliales: QK569.N43
Nemastomataceae: QK569.N45
Nemastomatidae: QL458.52.N4
Nematistiidae: QL638.N33
Nematoda: QL391.N4
Nematode-destroying fungi: QK604.2.N45
Nematomorpha: QL391.N5
Nemertina: QL391.N6
Nemesiidae
  Zoology: QL458.42.N37
Nemestrinidae: QL537.N44
Nemichthyidae: QL638.N34
Nemipteridae: QL638.N347
Nemonychidae: QL596.N4
Nemopteridae: QL513.N4
Nemouridae: QL530.3.N4
Neobalaenidae: QL737.C427
Neobisiidae: QL458.62.N4
Neoceratiidae: QL638.N36
Neocortex
  Anatomy: QL938.N45
  Neurophysiology: QP383.12
Neodymium
  Chemical element: Q1 .N4
Neogene
  Paleobotany: QE928.5+
  Paleontology: QE738.5+
  Stratigraphy: QE693.5+
Neogeophilidae: QL449.55.N4
Neogregarinida: QL368.N4
Neolignathidae: QL570.3.N4
Neolobophoridae: QL510.3.N46
Neon
  Chemical element: Q1 .N5
Neopseustidae: QL561.N38
Neopterin
  Animal biochemistry: QP801.N44
Neoscopelidae: QL638.N38
Neostethidae: QL638.N387

Neotectonics: QE511.42
Neottiophilidae: QL537.N46
Nepenthaceae: QK495.N35
Nepheline syenite: QE462.N4
Nephilidae: QL458.42.N38
Nephridia
  Anatomy: QL872.5
Nephrite: QE391.A2
Nepticulidae: QL561.N4
Neptune (Planet): QB691+
  Perturbations: QB388
  Satellites and ring system: QB407
Neptunium
  Chemical element: Q1 .N7
Neriidae: QL537.N47
Neritidae: QL430.5.N5
  Paleozoology: QE809.N45
Nerthridae: QL523.N53
Nerve cells
  Anatomy: QL931
Nerve fibers
  Anatomy: QL931
Nerve growth factor
  Animal biochemistry: QP552.N36
Nerve proteins
  Animal biochemistry: QP552.N37
Nerve tissues
  Human histology: QM575
Nervous control of the heart
  Physiology: QP113.4
Nervous system
  Anatomy: QL921+
  Human anatomy: QM451+
  Human embryology: QM695.N45
  Invertebrates: QL935
  Physiology: QP361+
  Vertebrates: QL937
Nesiotinidae: QL540.3.N4
Nesogastridae: QL510.3.N48
Nessorhamphidae: QL638.N4
Nesticidae: QL458.42.N4
Nests, Birds': QL675
Netcentric computing
  Computer science: QA76.9.N47
Nets of plane curves: QA644
Nettastomatidae: QL638.N46
Nettle
  Botany: QK495.U7
Netwinged beetles: QL596.L9
Network computers: QA76.527
Neuradaceae: QK495.N37
Neural circuitry
  Physiology: QP363.3
Neural computers: QA76.87
Neural crest
  Anatomy: QL938.N48
Neural elements
  Anatomy: QL931
Neural networks: QA76.87
  Physiology: QP363.3
Neural transmission
  Neurophysiology: QP364.5
Neuroanthropology: QP360.6
Neurobiology, Comparative: QP356.15
Neurobiology, Developmental
  Physiology: QP363.5
Neurobiology, Molecular: QP356.2
Neurochemistry: QP356.3
Neuroendocrinology: QP356.4
Neuroergonomics: QP360.7
Neurogenesis
  Physiology: QP363.5
Neurogenetics: QP356.22
Neuroglia: QP363.2
Neuroimmunology: QP356.47
Neurological technique
  Anatomy: QL927
Neuromuscular transmission
  Neurophysiology: QP369.5
Neuropeptide Y
  Animal biochemistry: QP552.N38
Neuropeptides
  Animal biochemistry: QP552.N39
Neurophysins
  Animal biochemistry: QP552.N4
Neurophysiology: QP351+
Neurophysiology, Developmental: QP356.25
Neuropilins
  Animal biochemistry: QP552.N43
Neuropsychology: QP360+
Neuroptera
  Paleozoology: QE832.N5
  Zoology: QL511+
Neuroscience, Cognitive: QP360.5
Neurospora
  Experimental genetics: QH470.N4
Neurotensin
  Animal biochemistry: QP572.N47
Neurotransmitter receptors
  Physiology: QP364.7
Neurotransmitters
  Physiology: QP364.7
Neuston
  Fresh water: QL142
  Freshwater biology: QH96.8.N48
  Marine biology: QH91.8.N4
Neutral proteinases
  Animal biochemistry: QP609.N48
Neutrality
  Plasma physics: QC718.5.N4
Neutrino astrophysics
  Astronomy: QB464.2

Neutrinos
  Elementary particle physics: QC793.5.N42+
Neutrinos, Solar: QB539.S65
Neutron scattering
  Biological research: QH324.9.N48
Neutron stars: QB843.N4
Neutrons
  Elementary particle physics: QC793.5.N462+
  Genetic effects: QH465.N4
Neutrophils
  Immunology: QR185.8.N47
  Physiology: QP95.8
Neutrosphere
  Meteorology: QC881.2.N4
New stars: QB841
New World porcupines: QL737.R652
New World quails
  Zoology: QL696.G259
New World vultures
  Zoology: QL696.C53
New Zealand short-tailed bats: QL737.C545
New Zealand wrens: QL696.P212
Newcastle disease
  Microbiology: QR201.N5
Newcastle disease vaccine: QR189.5.N48
Newton's Principia: QA803
Newton's rings: QC410.9+
Newts
  Caudata: QL668.C2+
  Salamandridae: QL668.C28
Next Generation Space Telescope: QB500.269
NF-kappa B (DNA-binding protein)
  Animal biochemistry: QP552.N46
Niacin
  Animal biochemistry: QP772.N55
Niacin amide
  Animal biochemistry: QP772.N5
Niche
  Ecology: QH546.3
Nickel
  Chemical element: Q1 .N6
  Effect on plants and animals: QH545.N47
Nickel alloys
  Analytical chemistry: QD137.N5
Nickel electrodes: QD572.N53
Nickel ores
  Mineralogy: QE390.2.N53
Nicoletiidae: QL503.8.N5
Nicotinamide
  Animal biochemistry: QP772.N5
Nicotine
  Animal biochemistry: QP801.N48
Nicotinic acid
  Animal biochemistry: QP772.N55
  Microbial metabolism: QR92.N5
  Plant constituent: QK898.N5
Nicotinic acid amide
  Animal biochemistry: QP772.N5
Nidoviruses: QR403
Nidulariaceae: QK629.N5
Nidulariales: QK629.N5
Night monkeys: QL737.P957
Night sky: QC976.N5
Night vision
  Physiology: QP482
Nightshade
  Botany: QK495.S7
Nilionidae: QL596.N54
Niobates
  Mineralogy: QE389.63
Niobium
  Chemical element: Q1 .N3
Niobium superconductors: QC611.98.N54
Nipah virus
  Virology: QR404.2.N55
Nipidae: QL523.N5
Niponiidae: QL596.N57
Nirvanidae: QL527.N5
Nitidulidae: QL596.N58
Niton
  Chemical element: Q1 .R6
Nitrariaceae: QK495.N58
Nitrates
  Effect on plants: QK753.N5
  Mineralogy: QE389.64
  Plant constituent: QK898.N57
  Spectra: QC464.N57
Nitration
  Chemistry: QD63.N5
  Organic chemistry: QD281.N5
Nitric acid
  Spectra: QC464.N574
Nitric oxide
  Plant constituent: QK898.N58
Nitriles
  Aliphatic compounds: QD305.N7
  Aromatic compounds: QD341.N7
Nitro compounds
  Aliphatic compounds: QD305.N8
  Aromatic compounds: QD341.N8
Nitrobacteraceae: QR82.N5
Nitrogen
  Chemical element: Q1 .N1
  Effect on plants: QK753.N54
  Effect on plants and animals: QH545.N5
  Microbial metabolism: QR92.N6
  Plant constituent: QK898.N6
Nitrogen compounds
  Meteorology: QC879.9.N57
Nitrogen cycle: QH344+
  Marine biology: QH91.8.N46
Nitrogen derivatives
  Aliphatic compounds: QD305.N84

Nitrogen derivatives
  Aromatic compounds: QD341.N83
Nitrogen dioxide
  Spectra: QC464.N577
Nitrogen fixation
  Microbiology: QR89.7
Nitrogen organic compounds
  Animal biochemistry: QP801.N55
Nitrogenase
  Animal biochemistry: QP603.N58
Nitroso compounds
  Aliphatic compounds: QD305.N8
  Aromatic compounds: QD341.N8
Nitrous oxide
  Radiation chemistry: QD651.N5
Nobelium
  Chemical element: Q1 .N65
Nocardiaceae: QR82.N6
Nociceptors: QP451.4
Nocticolidae: QL505.7.N62
Noctilionidae: QL737.C56
Noctilucent clouds: QC976.N6
Noctuidae: QL561.N7
Nocturnal animals: QL755.5
Nocturnal birds
  Zoology: QL677.79.N63
Nodules, Root
  Bacteriology: QR113
Noetiidae: QE812.N6, QL430.7.N63
Nogodinidae: QL527.N6
Noise
  Effect on plants and animals: QH545.N65
  Information theory: Q380
  Physiological effect: QP82.2.N6
Noise storms, Solar: QB539.N6
Nolanaceae: QK495.N6
Nolidae: QL561.N74
Nomeidae: QL638.N5
Nomenclature
  Analytical chemistry: QD71.8
  Birds: QL677
  Botany: QK96
  Color
    Plant anatomy: QK669
  Fungi: QK603.3
  Mammals: QL708
  Natural history: QH83
  Reptiles and amphibians: QL645
  Science: Q179
Nomography: QA90
Non-aromatic compounds with ring structure: QD305.H9
Non-enzymatic proteolysis
  Animal biochemistry: QP551.6
Non-Euclidean geometry: QA685
Non-Newtonian fluids
  Fluid dynamics: QA929.5
Non-optical methods of astronomy: QB468+
Non-relational databases: QA76.9.D32
Nonaqueous solvents
  Electrochemistry: QD555.6.N65
  Physical chemistry: QD544.5
Nonassociative algebras
  Mathematical physics: QC20.7.N58
Nonassociative rings and algebras: QA252+
Nonclassical formal systems
  Mathematical logic: QA9.4+
Noncommutative differential geometry: QC20.7.D52
Noncommutative rings and algebras: QA251.4
Noncooperative games
  Algebra: QA272.5
Nondisjunction
  Chromosomal mutation: QH462.N65
Nonequilibrium
  Superconductors: QC611.97.E69
Nonequilibrium statistical mechanics: QC174.86.N65
Nonequilibrium thermodynamics: QC318.I7
Nonferrous alloys
  Analytical chemistry: QD135+
Nonhistone chromosomal proteins
  Animal biochemistry: QP552.N62
Nonholonomic dynamical systems
  Topology: QA614.833
Nonhomogeneous fluids
  Descriptive mechanics: QC153
Nonionizing radiation
  Physiological effect: QP82.2.N64
Nonlinear acoustics: QC244.2
Nonlinear chemical kinetics: QD502.2
Nonlinear control theory
  System analysis: QA402.35
Nonlinear functional analysis: QA321.5
Nonlinear operators
  Functional analysis: QA329.8+
Nonlinear optics: QC446.15+
Nonlinear oscillations
  Analytic mechanics: QA867.5
Nonlinear theories
  Analysis: QA427
  Mathematical physics: QC20.7.N6
Nonlinear wave mechanics: QC174.24.N6
Nonlinearity
  Analysis: QA427
Nonliving matter
  Comparison with living: QH343
Nonmetallic minerals
  Spectra: QC464.N64
Nonmetallic solids
  Solid state physics: QC176.8.N65
Nonmetallic thin films: QC176.9.N64
Nonmonotonic reasoning
  Artificial intelligence: Q339.2
Nonparametric methods
  Mathematical statistics: QA278.8

Nonrelativistic wave mechanics
  Atomic physics: QC174.24.N64
Nonsense mutation: QH463.2
Noradrenalin
  Animal biochemistry: QP572.N6
Norepinephrine
  Animal biochemistry: QP572.N6
Normanichthyidae: QL638.N57
Normed linear spaces
  Functional analysis: QA322.2
Norovirus infections
  Microbiology: QR201.N67
Noroviruses: QR403.5
North American spadefoot toads: QL668.E33
Northeaster storms: QC945
Northern lights: QC972.5.B6
Northern sky
  Astronomy: QB500.28
Northers
  Meteorology: QC939.N8
Nose
  Anatomy: QL947
  Human anatomy: QM505
Nosodendridae: QL596.N6
Nostocaceae: QR99.7.N67
Notacanthidae: QL638.N58
Notacanthiformes: QL637.9.N6
Notation
  Analytical chemistry: QD71.8
  Biology: QH304.5
  Natural history: QH83.5
Notch proteins
  Animal biochemistry: QP552.N67
Nothing (Philosophy)
  Philosophy of science: Q175.32.N68
Nothoblattidae: QL505.7.N68
Nothosauria
  Paleozoology: QE862.N7
Nothridae: QL458.2.N67
Nothybidae: QL537.N6
Notiothaumidae: QL598.7.N6
Notodelphyoida: QL444.C76
Notodontidae: QL561.N8
Notograptidae: QL638.N586
Notoligotomidae: QL539.3.N6
Notonectidae: QL523.N6
Notopteridae: QL638.N5867
Notoryctemorphia: QL737.M44+
  Paleozoology: QE882.M36
Notoryctidae: QL737.M445
Notostigmata: QL458.15.O65
Notostraca: QL444.B86
Notosudidae: QL638.N5873
Nototheniidae: QL638.N6
Notoungulata
  Paleozoology: QE882.N6
Novae, Dwarf: QB843.D85
Novumbridae: QL638.U5
Nowcasting
  Meteorology: QC997.75
Nuclear activation analysis
  Analytical biochemistry: QP519.9.N8
  Nuclear chemistry: QD606
Nuclear astrophysics: QB463+
Nuclear chemistry
  Chemistry: QD601+
Nuclear cluster theory
  Elementary particle physics: QC793.3.S8
Nuclear counters
  Nuclear physics: QC787.C6
Nuclear emulsions: QC787.N78
Nuclear fission: QC789.7+
Nuclear forces: QC793.3.B5
Nuclear fusion: QC790.95+
Nuclear geology: QE501.4.N9
Nuclear interactions
  Elementary particle physics: QC793.9+
Nuclear isobars
  Radioactive substances: QC795.8.N8
Nuclear isomers
  Radioactive substances: QC795.8.N8
Nuclear magnetic resonance
  Biological research: QH324.9.N8
  Heart: QP112.5.N83
  Physics: QC762
Nuclear magnetic resonance spectroscopy
  Analytical biochemistry: QP519.9.N83
  Analytical chemistry: QD96.N8
  Crystallography: QD906.7.N83
  Cytology: QH585.5.N82
  Microbiology: QR69.N83
Nuclear magnetism
  Physics: QC761.9+
Nuclear materials
  Bacteria: QR76.5
Nuclear matrix
  Cytology: QH603.N83
Nuclear matter
  Elementary particle physics: QC793.3.N8
Nuclear measurements: QC784.5
Nuclear membranes
  Cytology: QH601.2
Nuclear models
  Elementary particle physics: QC793.3.S8
Nuclear molecules
  Elementary particle physics: QC793.3.N82
Nuclear orientation
  Elementary particle physics: QC793.3.S6
Nuclear physics: QC770+
Nuclear power plants
  Effect on plants and animals: QH545.N8
Nuclear quadrupole resonance spectroscopy
  Analytical chemistry: QD96.N84
Nuclear reactions, Solar: QB539.N8

Nuclear reactors
  Effect on plants and animals: QH545.N8
  Physics: QC786.4+
Nuclear shapes
  Elementary particle physics: QC793.3.N83
Nuclear spectroscopy
  Physics: QC454.N8
Nuclear track detectors: QC787.N83
Nuclear warfare
  Effect on plants and animals: QH545.N83
Nucleases
  Animal biochemistry: QP609.N78
Nucleic acids
  Animal biochemistry: QP620+
  Biochemistry: QD433+
  Microbial metabolism: QR92.N8
  Plant constituent: QK898.N8
Nuclein
  Animal biochemistry: QP625.N8
Nucleohistones
  Animal biochemistry: QP625.N86
Nucleolus
  Cytology: QH596
Nucleons
  Elementary particle physics: QC793.5.N82+
Nucleopeptides
  Animal biochemistry: QP552.N82
Nucleoproteins
  Animal biochemistry: QP625.N87
Nucleosidases
  Animal biochemistry: QP609.N8
Nucleosides
  Animal biochemistry: QP625.N88
Nucleosynthesis
  Nuclear astrophysics: QB464.3
Nucleotides
  Animal biochemistry: QP625.N89
  Microbial metabolism: QR92.N82
  Organic chemistry: QD436.N85
  Plant constituent: QK898.N83
Nucleus
  Cytology: QH595
Nuclides
  Elementary particle physics: QC793.5.N862+
Nucloidae
  Paleozoology: QE812.N8
Nuculanidae: QL430.7.N85
Nuculidae: QL430.7.N9
Nuda: QL380.5.N8+
Null models
  Ecology: QH541.15.N84
Numbat: QL737.M335
Number concept
  Animals: QL785.24
  Mathematics: QA141+
Number concept (Elementary): QA141.15
Number theory
  Algebra: QA241+
Numeration
  Mathematics: QA141+
Numeration systems
  Mathematics: QA141+
Numerical analysis: QA297+
  Mathematical physics: QC20.7.N86
Numerical approximation: QA297.5
Numerical calculating: QA71+
Numerical differentiation
  Numerical analysis: QA299
Numerical integration
  Numerical analysis: QA299.3+
Numerical simulation: QA298
Numerical solutions
  Theory of equations: QA218
Numididae: QL696.G258
Nurse sharks: QL638.95.G55
Nutation
  Plant movement: QK773
Nutation and precession
  Spherical astronomy: QB165
Nuthatches: QL696.P275
Nutmeg
  Botany: QK495.M85
Nutria: QL737.R668
Nutrient interactions
  Physiology: QP143.7
Nutrition
  Bacterial physiology: QR86
  Biology: QH519
  Physiology: QP141+
  Plant physiology: QK867+
Nutrition adaption
  Plants: QK915+
Nutritional aspects
  Immunology: QR182.2.N86
Nutritive matter
  Plants: QK746
Nyctaginaceae: QK495.N9
Nyctemeridae: QL561.N87
Nycteribiidae: QL537.N9
Nycteridae: QL737.C565
Nyctibiidae: QL696.C25
Nyctiboridae: QL505.7.N9
Nyctipithecidae: QL737.P957
Nymphaeaceae: QK495.N97
Nymphalidae: QL561.N9
Nymphidae: QL513.N9
Nymphomyiidae: QL537.N94
Nyssaceae: QK495.N975
Nyssonidae: QL568.N9

O

O stars: QB843.O12

Oak
  Botany: QK495.F14
Oarfishes: QL638.R4
Oberthuerellidae: QL568.O25
Object monitors
  Computer software: QA76.76.M54
Object-oriented methods
  Computer science: QA76.9.O35
Object-oriented programming
  Digital computers: QA76.64
Object-oriented programs
  Digital computers: QA76.64
Objective-C (Computer program language): QA76.73.O115
Oblique projection: QA507
Obolidae
  Paleozoology: QE797.O2
Observation
  Philosophy of science: Q175.32.O27
Observations
  Atmospheric ozone: QC879.72+
  Atmospheric pressure: QC885.4+, QC889
  Atmospheric temperature: QC901+
  Auroras: QC971.7.A1+
  Clouds: QC921.375+
  Earthquakes: QE532.A+
  Evaporation: QC915.6+
  Geodesy: QB296.A1+
  Mesometeorology: QC883.54+
  Meteorological optics: QC975.9.A1+
  Meteorology: QC871+
  Micrometeorology: QC883.84+
  Perturbations: QB397
  Rain and rainfall: QC925.1+
  Solar radiation: QC911.8+
  Upper atmosphere: QC879.59.A1+
Observatories
  Astronomy: QB81+
  Geomagnetism: QC818.A2+
  Geophysics: QC808.A2+
  Radio astronomy: QB479.A2+
  Seismology: QE540.A2+
Observatory buildings: QB84
Observatory domes: QB84
Observed confidence levels
  Mathematical statistics: QA277.5
Obsidian: QE462.O28
Obstruction theory
  Topology: QA612.79
Occipital lobe
  Neurophysiology: QP382.O22
Occlusion of gases
  Gas mechanics: QC162
Occultations of stars: QB392.O3
Occultations, Prediction of: QB175+
Ocean acidification
  Effect on plants and animals: QH545.O32
Ocean bottom ecology: QH541.5.O24
Ocean climatology: QC993.83+
Ocean currents
  Ecology: QH541.5.O25
Ocean ecology: QH541.5.S3
Ocean fertilization
  Effect on plants and animals: QH545.S43
Ocean meteorology: QC993.83+
Ocean outfalls
  Effect on plants and animals: QH545.O33
Ocean tomography
  Acoustics: QC242.5.O23
Ochnaceae: QK495.O3
Ochodaeidae: QL596.O25
Ochotonidae: QL737.L33
Ochromonadaceae: QK569.O37
Ochsenheimeriidae: QL561.O26
Ochteridae: QL523.O3
Ochyroceratidae: QL458.42.O3
Ocotillo
  Botany: QK495.F6
Octahedrites
  Astronomy: QB757.5.O37
Octal system: QA141.6
Octodontidae: QL737.R67
Octopodidae: QL430.3.O2
Octopuses
  Zoology: QL430.3.O2
Oculosida: QL368.O3
Odacidae: QL638.O2
Odd-toed ungulates: QL737.U6+
Odiniidae: QL537.O3
Odobenidae: QL737.P62
Odonata
  Paleozoology: QE832.O36
  Zoology: QL520+
Odontaspididae: QL638.95.O3
Odontobutidae: QL638.O23
Odontoceridae: QL518.O4
Odontoceti: QL737.C43+
Odontognathae
  Paleozoology: QE872.O2
Odontoholcae
  Paleozoology: QE872.O2
Odontophoridae: QL696.G259
Odontostomatida: QL368.O4
Odor
  Physical chemistry: QD473
Odoriferous glands
  Anatomy: QL943
Oecanthidae: QL508.O4
Oecobiidae: QL458.42.O4
Oecophoridae: QL561.O43
Oedemeridae: QL596.O4
Oedogoniaceae: QK569.O4
Oedogoniales: QK569.O4
Oenothera
  Experimental genetics: QH470.O35

Oestridae: QL537.O4
Off-road vehicles
  Effect on plants and animals: QH545.A43
Official plants
  Botany: QK84.8+
Offshore oil industry
  Effect on plants and animals: QH545.O38
Ogcocephalidae: QL638.O3
Ogopogo: QL89.2.O34
Ohm's law: QC607
Oidiomycosis
  Microbiology: QR201.O6
Oil field brines
  Effect on plants and animals: QH545.O47
Oil pollution
  Effect on plants and animals: QH545.O5
  Marine biology: QH91.8.O4
Oil sands extraction plants
  Effect on plants and animals: QH545.O54
Oil shale extracts
  Genetic effects: QH465.O44
Oil shales
  Effect on plants and animals: QH545.O56
Oil well drilling
  Effect on plants and animals: QH545.O57
Oilbirds: QL696.C28
Oilseeds
  Nutrition: QP144.O44
Oinophilidae: QL561.T55
Olacaceae: QK495.O35
OLAP technology
  Computer science: QA76.9.D343
Old growth forest ecology: QH541.5.F6
Old growth forests
  Natural history: QH86
Old World catfishes
  Zoology: QL638.S6
Old World flycatchers: QL696.P255, QL696.P2585
Old World fruit bats: QL737.C575
Old World leaf-nosed bats: QL737.C533
Old World monkeys: QL737.P93
Old World pigs: QL737.U58
Old World porcupine: QL737.R664
Old World quails
  Zoology: QL696.G27
Old World sucker-footed bats: QL737.C55
Old World vultures: QL696.F32
Old World warblers: QL696.P279
Older people and computers: QA76.9.O43
Oleaceae: QK495.O44
Olefins
  Aliphatic compounds: QD305.H7
Olethreutidae: QL561.O6
Olfactory receptor genes: QH447.8.O43
Oligembiidae: QL539.3.O44
Oligoadenylates
  Animal biochemistry: QP625.O45
Oligocene
  Paleobotany: QE928
  Paleontology: QE738
  Stratigraphy: QE693
Oligomers
  Organic chemistry: QD382.O43
Oligoneuridae: QL505.3.O4
Oligonucleotides
  Animal biochemistry: QP625.O47
Oligosaccharides
  Animal biochemistry: QP702.O44
Oligothiophenes
  Organic chemistry: QD382.C665
Oligotomidae: QL539.3.O46
Oligotrichida: QL368.O5
Oliniaceae: QK495.O446
Olivary nucleus
  Anatomy: QL938.O44
Olive
  Botany: QK495.O44
Olive oil
  Animal biochemistry: QP752.O42
  Plant constituent: QK898.O4
Olividae: QL430.5.O5
  Paleozoology: QE809.O44
Olivinite: QE462.O43
Olpidiaceae: QK621.O4
Olpiidae: QL458.62.O4
Olvine
  Mineralogy: QE391.O45
Olympiads
  Computer science: QA76.9.O59
Olyridae: QL638.O4
Omega-3 fatty acids
  Animal biochemistry: QP752.O44
Omega-6 fatty acids
  Animal biochemistry: QP752.O45
Omentum
  Anatomy: QL864
  Human anatomy: QM367
  Physiology: QP157
Ommastrephidae: QL430.3.O5
Omosudidae: QL638.O45
Omphralidae: QL537.S34
Onagraceae: QK495.O46
Oncogenic DNA viruses
  Virology: QR372.O58
Oncogenic viruses
  Microbiology: QR372.O6
Oncopodidae: QL458.52.O5
Oncopoduridae: QL503.O5
Oncoviruses
  Microbiology: QR372.O6
Oneirodidae: QL638.O5
Onion: QK495.A42
Oniscodesmidae: QL449.65.O6
Online data processing: QA76.55+

Online databases: QA76.9.D32
Ontologies
  Information theory: Q387.4
Ontology
  Philosophy of science: Q175.32.O58
Onychiuridae: QL503.O56
Onychophora: QL448+
Onychoteuthidae: QL430.3.O6
Onygenaceae: QK623.O58
Oocystaceae: QK569.O6
Oocytin
  Blood constituents: QP99.3.O6
Oogenesis
  Embryology: QL965
Oolite: QE471.15.O5
Oonopidae: QL458.42.O6
Opahs: QL638.L24
Opalescence, Critical: QC427.8.C7
Opalinida: QL368.O7
Opals
  Mineralogy: QE394.O7
Opegraphaceae: QK585.O63
OPEN method
  Digital computers: QA76.64
Open source software
  Computer software: QA76.76.O62
Open systems
  Statistical physics: QC174.85.O6
  Thermodynamics: QC318.O63
OpenCL (Computer program language): QA76.73.O213
Operating systems
  Computer software: QA76.77+
Operational calculus: QA432
Operator algebras
  Mathematical physics: QC20.7.O65
Operator theory
  Functional analysis: QA329+
  Mathematical physics: QC20.7.O66
  Quantum field theory: QC174.52.O6
  Quantum mechanics: QC174.17.O63
Ophichthidae: QL638.O633
Ophiclinidae: QL638.O634
Ophidia: QL666.O6+
  Paleozoology: QE862.O6
Ophidiidae: QL638.O637
Ophidiiformes: QL637.9.O63
Ophioglossaceae: QK524.O7
Ophiolites: QE462.O6
Ophiostomataceae: QK623.O6
Ophiuroidea: QL384.O6
  Paleozoology: QE783.O6
Opiliaceae: QK495.O62
Opilioacariformes: QL458.15.O65
Opiliona: QL458.5+
Opiliones: QL458.5+
  Paleozoology: QE826.O63
Opioid peptides
  Animal biochemistry: QP552.O65
Opisthocomidae: QL696.G26
  Paleozoology: QE872.O6
Opisthocosmiidae: QL510.3.O6
Opisthognathidae: QL638.O65
Opisthoproctidae: QL638.O657
Oplegnathidae: QL638.O67
Opluridae: QL666.L265
Opomyzidae: QL537.O7
Opossum shrimps: QL444.M35
Opostegidae: QL561.O7
Opsonin
  Immunology: QR185.8.O7
Optic thalamus
  Neurophysiology: QP383.5
Optical admittance spectroscopy
  Physics: QC454.O65
Optical bistability: QC446.3.O65
Optical constants
  Physics: QC368
Optical detectors: QC373.O59
Optical determinations
  Mineralogy: QE369.O6
Optical effects
  Semiconductor physics: QC611.6.O6
Optical hole burning
  Solid state physics: QC176.8.O58
Optical illusions
  Neurophysiology: QP495
Optical instruments
  Nuclear physics: QC787.O6
  Physics: QC370.5+
Optical interferometers
  Astronomical instruments: QB117
Optical losses: QC397.5.O77
Optical measurements
  Physics: QC367+
Optical phase conjugation: QC446.3.O67
Optical phenomena
  Plasma physics: QC718.5.O6
Optical properties
  Cells: QH642
  Condensed matter physics: QC173.458.O66
  Dielectrics: QC585.7.O6
  Gases: QC165.3
  Liquids: QC145.4.O6
  Physical chemistry: QD473
  Polymers: QD381.9.O66
  Solid state physics: QC176.8.O6
  Thin films: QC176.84.O7
Optical pumping: QC446.3.O68
Optical spectroscopy
  Physics: QC454.O66
Optical tomography
  Physics: QC449.5

Optics
  Physics: QC350+
Optics, Physical: QC392+
Optics, Quantum
  Semiconductor physics: QC611.6.Q36
Optoacoustic spectroscopy
  Analytical chemistry: QD96.O6
Optogalvanic spectroscopy
  Physics: QC454.O68
Orangeite
  Petrology: QE462.O73
Orangutans
  Anecdotes and stories: QL795.O7
Orb weavers (Zoology): QL458.42.A7
Orbit determination
  Astronomy: QB355+
Orbital motion
  Particle dynamics: QA853
Orbitals, Molecular
  Animal biochemistry: QP517.M66
Orbiting astronomical observatories: QB500.267+
Orbits
  Calculation: QB355+
  Comets: QB357
  Meteors: QB748
Orchidaceae: QK495.O64
Orchids
  Botany: QK495.O64
Order-disorder models
  Atomic physics: QC173.4.O73
Order statistics
  Mathematical statistics: QA278.7
Ordered algebraic structures
  Algebra: QA172+
Ordered groups
  Algebra: QA172.4
Ordered sets
  Algebra: QA171.48+
Ordinary differential equations: QA372
Ordovician
  Paleobotany: QE916.5
  Paleontology: QE726.2
  Stratigraphy: QE660
Ore minerals
  Mineralogy: QE390+
  Semiconductor physics: QC611.8.O68
Orectolobidae: QL638.95.O7
Orectolobiformes: QL638.94.O74
Oreohelicidae: QL430.5.O73
Oreosomatidae: QL638.O7
Ores
  Petrology: QE431.6.O7
Orexins
  Animal biochemistry: QP572.O74
Organic acid salts
  Mineralogy: QE389.7
Organic chemistry: QD241+
Organic chemistry, Physical: QD476
Organic compounds
  Meteorology: QC879.9.O73
Organic geochemistry: QE516.5
Organic photochemistry
  Organic compounds: QD275
Organic reaction mechanisms: QD502.5
Organic scintillators
  Radiation physics: QC476.77
Organic substances
  Animal biochemistry: QP550+
  Semiconductor physics: QC611.8.O7
Organic superconductors: QC611.98.O74
Organic synthesis: QD262
Organic thin films: QC176.9.O73
Organochlorine compounds
  Effect on plants and animals: QH545.O72
Organometallic chemistry
  Organic chemistry: QD410+
Organometallic compounds
  Effect on plants and animals: QH545.O74
  Organic chemistry: QD410+
  Spectra: QC463.O7
Organophosphorus compounds
  Effect on plants and animals: QH545.O76
  Spectra: QC463.O72
Organosilicon compounds
  Spectra: QC463.O73
Orgueil meteorite: QB756.O74
Oribatidae: QL458.2.O74
Orientation
  Animals: QL782.5
  Birds: QL698.85
Orientation in space
  Physiology: QP443
Origin
  Cosmic ray physics: QC485.8.O7
Origin of life
  Biology: QH325
Origin of planets: QB603.O74
Origin of solar system: QB503
Origin of the earth
  Astronomy: QB632
Oriolidae: QL696.P2585
Orion Nebula: QB855.9.O75
Ormyridae: QL568.O74
Orneodidae: QL561.A48
Ornithine
  Animal biochemistry: QP563.O7
Ornithine decarboxylase
  Animal biochemistry: QP613.O75
Ornithischia
  Paleozoology: QE862.O65
Ornithological illustration: QL674.4
Ornithological literature: QL672.5
Ornithorhynchidae: QL737.M72

Ornithosauria
  Paleozoology: QE862.P7
Orobanchaceae: QK495.O74
Orogeny: QE621+
Orothripidae: QL598.3.O7
Orotic acid
  Animal biochemistry: QP801.O74
Orphaned wildlife, Rescue of
  Zoology: QL83.2
Orphnidae: QL596.O67
Orthalicidae: QL430.5.O78
Ortheziidae: QL527.O7
Orthida
  Paleozoology: QE797.O7
Orthidae
  Paleozoology: QE797.O75
Orthoceratidae
  Paleozoology: QE807.O8
Orthogonal curves: QA567.2.O76
Orthogonal functions
  Mathematical physics: QC20.7.O75
  Mathematics: QA404.5
Orthogonal polynomials
  Mathematical physics: QC20.7.O75
  Mathematics: QA404.5
Orthogonal projection on two planes: QA503+
Orthogonal series: QA404.5
Orthomyxoviruses
  Virology: QR404
Orthonectida: QL391.M4
Orthoperidae: QL596.O7
Orthopoxviruses
  Virology: QR405+
Orthoptera
  Paleozoology: QE832.O7
  Zoology: QL506+
Orthorhombic systems (Crystallography): QD912
Orthotrichaceae: QK539.O7
Orthotrichales: QK539.O75
Orussidae: QL568.O78
Orycteropodidae: QL737.T8
Oryidae: QL449.55.O7
Oryssidae: QL568.O78
Oryziatidae: QL638.O78
Oscillating chemical reactions: QD502.2
Oscillations
  Analytic mechanics: QA865+
  Electricity: QC660.5+
  Plasma physics: QC718.5.W3
Oscillations, Solar: QB539.O83
Oscillations, Stellar: QB812
Oscillatoriaceae: QR99.7.O82
Osmeridae: QL638.O84
Osmeriformes: QL637.9.O76
Osmium
  Chemical element: Q1 .O7
Osmoregulation
  Physiology: QP90.6
Osmosis
  Cytology: QH615
  Phytochemistry: QK871
Osmotic pressure
  Physical chemistry: QD543
Osmundaceae: QK524.O8
Osmylidae: QL513.O8
Osphronemidae: QL638.O87
Ospreys: QL696.F36
Osteichthyes
  By family: QL638.A+
  By order: QL637.9.A+
  Paleozoology: QE852.O45
Osteoglossidae: QL638.O88
Osteoglossiformes: QL637.9.O8
Osteology
  Anatomy: QL821+
  Human anatomy: QM101+
Osteomyelitis
  Microbiology: QR201.O8
Osteopontin
  Animal biochemistry: QP552.O77
Osteostraci
  Paleozoology: QE852.O5
Ostomatidae: QL596.T8
Ostraciontidae: QL638.O887
Ostracoda: QL444.O8+
  Paleozoology: QE817.O8
Ostreidae: QL430.7.O9
  Paleozoology: QE812.O8
Ostreoida
  Paleozoology: QE812.O87
Ostriches
  Zoology: QL696.S9
Osygenases
  Animal biochemistry: QP603.O85
Otariidae: QL737.P63
Otideaceae: QK623.O75
Otididae: QL696.G86
Otitidae: QL537.O8
Otoliths, Fossil: QE853
Otters
  Anecdotes and stories: QL795.O8
  Zoology: QL737.C25
Ouloterygidae: QL505.7.O8
Outdoor recreation
  Effect on plants and animals: QH545.O87
Outer planets: QB659+
Ovals
  Plane geometry: QA483
Ovary
  Physiology: QP261
  Plant anatomy: QK659
Ovenbirds: QL696.P2464

Overexpression
  Genetics: QH450.4
Overhead projectors
  Mathematics teaching aid: QA19.O9
Ovomucoid
  Animal biochemistry: QP552.O94
Ovoviviparity
  Physiology: QP280
Ovulation
  Physiology: QP261
Ovum
  Embryology: QL965
Ovum implantation
  Physiology: QP275
Owlet frogmouths: QL696.C22
Owlet moths: QL561.N7
Owlflies: QL513.A7
Owls
  Zoology: QL696.S83
Owstoniidae: QL638.O9
Oxaeidae: QL568.O8
Oxalates
  Mineralogy: QE389.7
  Plant constituent: QK898.O88
Oxalic acid
  Animal biochemistry: QP801.O8
Oxalidaceae: QK495.O98
Oxidases
  Animal biochemistry: QP603.O8
  Plant constituent: QK898.O9
Oxidation
  Chemistry: QD63.O9
  Metabolism: QP177
  Organic chemistry: QD281.O9
Oxidation-reduction
  Photochemistry: QD716.O95
Oxide electrodes: QD572.O85
Oxides
  Aliphatic compounds: QD305.E7
  Aromatic compounds: QD341.E7
  Mineralogy: QE389.5
  Spectra: QC463.E7
Oxidoreductases
  Animal biochemistry: QP602+
Oximes
  Aliphatic compounds: QD305.K2
Oximetry
  Analytical chemistry: QD79.O8
Oxudercidae: QL638.G7
Oxybelidae: QL568.O9
Oxychirotidae: QL561.O9
Oxydesmidae: QL449.65.O95
Oxygen
  Bacterial physiology: QR97.O8
  Blood constituents: QP99.3.O9
  Chemical element: Q1 .O1
  Electric discharge: QC711.6.O9
Oxygen
  Plant constituent: QK898.O92
Oxygen and metabolism: QP177
Oxygen electrodes: QD572.O88
Oxygen salts
  Mineralogy: QE389.6+
Oxygen uptake, Maximal
  Physiology: QP120.M39
Oxyhaloidae: QL505.7.O9
Oxymonadida: QL368.O9
Oxyopidae: QL458.42.O9
Oxyruncidae: QL696.P259
Oxysalts
  Inorganic chemistry: QD194
Oxysterols
  Animal biochemistry: QP752.O89
Oxytenididae: QL561.O93
Oxytocin
  Animal biochemistry: QP572.O9
Oystercatchers: QL696.C452
Oysters: QL430.7.O9
Ozone
  Effect on plants and animals: QH545.O94
Ozone layer
  Meteorology: QC881.2.O9
Ozone layer depletion
  Meteorology: QC879.7+
Ozonization
  Organic chemistry: QD281.O95
Ozonolysis
  Organic chemistry: QD281.O95
Ozonosphere
  Meteorology: QC881.2.O9

P

p-adic analysis
  Mathematical physics: QC20.7.P23
p53 protein
  Animal biochemistry: QP552.P25
Pacaranas: QL737.R646
Pacas: QL737.R623
Pachybolidae: QL449.65.P18
Pachycephalidae: QL696.P2595
Pachyneuridae: QL537.P3
Pachypodidae: QL596.P13
packetC (Computer program language): QA76.73.P32
Packing
  Algebra: QA166.7
Paddlefishes: QL638.P755
Padé approximant
  Mathematical physics: QC20.7.P3
Paeoniaceae: QK495.P15
Paeromopidae: QL449.65.P22
Pain
  Neurophysiology: QP401
  Physiology: QP451.4

Painted snipes: QL696.C477
Paired and multiple comparisons
  Mathematical statistics: QA278.4
Palacheite
  Mineralogy: QE391.B75
Palaeonisciformes
  Paleozoology: QE852.P3
Palaeosetidae: QL561.P17
Palaephatidae: QL561.P18
Paleoart: QE714.2
Paleobiogeography: QE721.2.P24
Paleobiology: QE719.8
Paleobiology, Evolutionary: QE721.2.E85
Paleobotany: QE901+
Paleoceanography: QE39.5.P25
Paleocene
  Paleobotany: QE927
  Paleontology: QE736.8
  Stratigraphy: QE692
Paleoclimatology
  Meteorology: QC884+
Paleoecology
  Geology: QE720+
Paleoecology, Evolutionary: QE721.2.E87
Paleogene
  Paleobotany: QE926.5+
  Paleontology: QE736.5+
  Stratigraphy: QE691.5+
Paleogeography: QE501.4.P3
Paleogeophysics
  Geophysics: QC809.P3
Paleohydrology: QE39.5.P27
Paleolimnology: QE39.5.P3
Paleomagnetism
  Geology: QE501.4.P35
Paleontological excavations: QE721.2.P26
Paleontological illustration: QE714.2
Paleontology: QE701+
Paleontology as a profession: QE714.7
Paleopedology: QE473
Paleoseismology: QE539.2.P34
Paleotemperatures: QE721.2.P3
Paleoweathering
  Geology: QE570
Paleozoic
  Paleobotany: QE915+
  Paleontology: QE725+
  Stratigraphy: QE654+
Paleozoology: QE760.8+
Palingeniidae: QL505.3.P3
Palladium
  Chemical element: Q1 .P4
Pallopteridae: QL537.P34
Palm
  Botany: QK495.P17
Palm oil
  Animal biochemistry: QP752.P35
Palmae: QK495.P17
Palmariaceae: QK569.P25
Palmchats: QL696.P2435
Palpigradi: QL458.55+
Palpigradida: QL458.55+
Palpimanidae: QL458.42.P34
Palygorskite
  Mineralogy: QE391.P34
Palynology
  Paleobotany: QE993+
  Perianth: QK658
Pamphagidae: QL508.P34
Pamphiliidae: QL568.P3
Panama-hat palm
  Botany: QK495.C975
Panchaetothripidae: QL598.3.P3
Panchloridae: QL505.7.P33
Pancreas
  Anatomy: QL866
  Human anatomy: QM353
  Physiology: QP188.P26
Pancreatic juice
  Physiology: QP195
Pandaceae: QK495.P175
Pandanaceae: QK495.P18
Pandas
  Anecdotes and stories: QL795.P18
Pandionidae: QL696.F36
Panesthiidae: QL505.7.P34
Pangaea: QE511.5
Pangamic acid
  Animal biochemistry: QP772.P3
Pangasiidae: QL638.P254
Pangolins: QL737.P5
Pannariaceae: QK585.P17
Panorpidae: QL598.7.P3
Pantethine
  Animal biochemistry: QP801.P28
Panthers
  Anecdotes and stories: QL795.P2
Pantodontidae: QL638.P258
Pantophthalmidae: QL537.P35
Pantopoda: QL447
Pantothenic acid
  Animal biochemistry: QP772.P35
Pantotheria
  Paleozoology: QE882.P3
Papain
  Animal biochemistry: QP609.P3
Papaveraceae: QK495.P22
Papaya
  Botany: QK495.C1997
Paper chromatography
  Analytical chemistry: QD79.C46
Paper work
  Mathematics teaching aid: QA19.P34
Papilionidae: QL561.P2

Papillomavirus diseases
  Microbiology: QR201.P26
Papillomavirus vaccines: QR189.5.P36
Papillomaviruses
  Virology: QR406+
Paracrinoidea
  Paleozoology: QE783.P3
Paradisaeidae: QL696.P26
Paradox
  Philosophy of science: Q175.32.P37
  Physics: QC6.4.P37
Paradoxornithidae: QL696.P2612
Paradoxsomatidae: QL449.65.P27
Paraffins
  Aliphatic compounds: QD305.H6
Paraganglia
  Neurophysiology: QP368.8
Paraganglia, Aortic
  Physiology: QP188.A6
Paragenesis
  Mineralogy: QE364.2.P3
Paraiulidae: QL449.65.P273
Paralepididae: QL638.P3
Paralichthyidae: QL638.P313
Parallax
  Astronomy: QB159
  Moon: QB583
Parallax, Annual
  Spherical astronomy: QB167
Parallax, Stellar: QB813
Parallel processing
  Digital computers: QA76.58
Parallel programming
  Digital computers: QA76.642
Parallel projection
  Descriptive geometry: QA502+
Parallel scheduling: QA76.5295.P37
Paramagnetism
  Physics: QC762.9+
Paramos
  Botany: QK938.P3
Paramyxoviruses
  Virology: QR404.15+
Parandridae: QL596.P17
Paraoxonase
  Animal biochemistry: QP609.P35
Parasites
  Plant ecology: QK918
Parasitic birds
  Zoology: QL677.79.P37
Parasitic diseases
  Microbiology: QR201.P27
Parasitic insects: QL496.12
Parasitic wood wasps: QL568.O78
Parasitidae: QL458.2.P3
Parasitiformes: QL458.15.P37
Parasitism
  Ecology: QH547
  Insects: QL496.12
Parasitoids
  Insects: QL496.12
Parasitology
  Animal behavior: QL757
Parasitology, Diagnostic
  Microbiology: QR255
Parasympathetic nervous system
  Neurophysiology: QP368.7
Parathyroid gland
  Physiology: QP188.P3
Parathyroid hormone
  Animal biochemistry: QP572.P3
Parathyroid hormone-related protein
  Animal biochemistry: QP572.P33
Paratropidae: QL458.42.P37
Paratuberculosis
  Microbiology: QR201.P28
Paratyphoid fever
  Microbiology: QR201.P3
Parazenidae: QL638.P315
Parental behavior
  Animals: QL762
Paridae: QL696.P2615
Parietal lobe
  Neurophysiology: QP382.P3
Parisolabidae: QL510.3.P3
Parkeriaceae: QK524.P3
Parmeliaceae: QK585.P2
Parodontidae: QL638.P316
Paropiidae: QL527.P3
Parrotbills: QL696.P2612
Parrotfishes: QL638.S3
Parrots
  Zoology: QL696.P7
Parsley
  Botany: QK495.U48
Parthenogenesis
  Sexual reproduction: QH487
Partial differential equations
  Quantum mechanics: QC174.17.D54
  Topology: QA614.9+
Partial differential equations (first order): QA374
Partial differential equations (second and higher orders): QA377
Partial differential operators
  Functional analysis: QA329.42
Partially ordered sets
  Algebra: QA171.485
Particle acceleration
  Nuclear astrophysics: QB464.15
Particle accelerators
  Nuclear physics: QC787.P3
Particle analyzers
  Nuclear physics: QC787.P34

Particle beams
  Elementary particle physics: QC793.3.B4
Particle dynamics analysis
  Optical measurements: QC367.3.P37
Particle physics: QC770+
Partitions
  Algebra: QA165
Partridges
  Zoology: QL696.G27
Partulidae: QL430.5.P15
Parturition
  Physiology: QP285
Parvovirus infections
  Microbiology: QR201.P33
Parvoviruses
  Virology: QR408+
Pasauridae: QL458.42.P5
Passalidae: QL596.P2
Passandridae: QL596.P25
Passeridae: QL696.P262
Passeriformes: QL696.P2+
  Paleozoology: QE872.P2
Passifloraceae: QK495.P28
Passionflower
  Botany: QK495.P28
Pasteurellaceae: QR82.P25
Pastures
  Botany: QK938.M4
Pataecidae: QL638.P318
Patellariaceae: QK623.P5
Patellaric acid
  Plant constituent: QK898.P2
Patellidae: QL430.5.P18
Paterinidae
  Paleozoology: QE797.P3
Path analysis
  Mathematical statistics: QA278.3
Path integrals
  Quantum field theory: QC174.52.P37
  Quantum mechanics: QC174.17.P27
Pathogenic action
  Microbiology: QR175
Pathogenic fungi
  Microbiology: QR245+
Pathogenic microorganisms (specific): QR201.A+
Pathology
  Cells: QH671
Paths
  Graph theory: QA166.22
Paths and cycles
  Graph theory: QA166.22
Pattern formation
  Plant physiology: QK731+
  Science: Q172.5.C45
Pattern recognition systems
  Artificial intelligence: Q337.5
Patterns, Software
  Computer software: QA76.76.P37
Patulin
  Plant constituent: QK898.P3
Paucituberculata: QL737.M46+
  Paleozoology: QE882.M37
Pauli exclusion principle
  Quantum mechanics: QC174.17.P3
Pauropoda: QL449.7+
Pauropodidae: QL449.75.P3
Pawpaw
  Botany: QK495.A6
Paxillin
  Animal biochemistry: QP552.P39
Peaceful uses of atomic energy: QC792.7
Peafowl
  Anecdotes and stories: QL795.P43
  Zoology: QL696.G27
Pearl oysters: QL430.7.P77
Pearl perches: QL638.G55
Pearleyes: QL638.S374
Pearlfishes
  Zoology: QL638.C26
Peat bogs
  Botany: QK938.P42
Peatlands
  Botany: QK938.P42
Peccaries: QL737.U59
  Anecdotes and stories: QL795.P28
Pecoraite
  Mineralogy: QE391.P44
Pectin
  Plant constituent: QK898.P4
Pectinacea
  Paleozoology: QE812.P38
Pectinadae
  Paleozoology: QE812.P4
Pectinase
  Animal biochemistry: QP609.P6
Pectinidae: QL430.7.P3
Pectins
  Animal biochemistry: QP702.P4
Peculiar stars: QB843.P42
Pedaliaceae: QK495.P42
Pedetidae: QL737.R672
Pedicellinidae: QL400.5.P4
Pediculidae: QL570.3.P4
Pedilidae: QL596.P3
Pedionomidae: QL696.C465
Pedipalpi
  Paleozoology: QE826.P3
Pegasidae: QL638.P32
Pegmatites: QE462.P4
Pegmatoids: QE462.P43
Pelecanidae: QL696.P47
Pelecaniformes: QL696.P4+
Pelecanoididae: QL696.P66

Pelecinidae: QL568.P43
Pelecypoda: QL430.6+
  Paleozoology: QE811+
Pelicaniformes
  Paleozoology: QE872.P4
Pelicans
  Zoology: QL696.P47
Pellegra preventive factor
  Animal biochemistry: QP772.N5
Pellet fusion: QC791.775.P44
Pelobatidae: QL668.E262
  Paleozoology: QE868.P4
Pelodryadidae: QL668.E2626
Pelodytidae: QL668.E263
Pelomedusidae: QL666.C57
Pelonemataceae: QR82.P44
Peloplocaceae: QR82.P45
Peloridiidae: QL527.P44
Peltier effect: QC621+
Peltigeraceae: QK585.P34
Peltoperlidae: QL530.3.P44
Pelvis
  Human anatomy: QM115
Pelycosauria
  Paleozoology: QE862.P3
Pempheridae: QL638.P34
Pemphredonidae: QL568.S7
Pen-based computers: QA76.89
Penaeaceae: QK495.P43
Pendulum
  Rigid dynamics: QA862.P4
Penguins
  Zoology: QL696.S473
Penicillin
  Animal biochemistry: QP801.P36
  Organic chemistry: QD377.P4
Peniophoraceae: QK629.P55
Pennsylvanian
  Paleobotany: QE919.5
  Paleontology: QE729.3
  Stratigraphy: QE673
Pentacerotidae: QL638.P35
Pentachlorophenol
  Effect on plants: QK753.P37
  Effect on plants and animals: QH545.P37
Pentamerida
  Paleozoology: QE797.P39
Pentameridae
  Paleozoology: QE797.P4
Pentaphragmataceae: QK495.P44
Pentaphylacaceae: QK495.P445
Pentapodidae: QL638.P357
Pentastomida: QL447.3
  Paleozoology: QE823.P4
Pentatomidae: QL523.P5
Penthaleidae: QL458.2.P35
Penthimiidae: QL527.P45
Pentoses
  Animal biochemistry: QP702.P45
Pentoxifylline
  Animal biochemistry: QP801.P374
Pepper
  Botany: QK495.P67
Peppershrikes: QL696.P239
Pepsin
  Animal biochemistry: QP609.P4
Peptidases
  Animal biochemistry: QP609.P45
Peptide hormones
  Animal biochemistry: QP572.P4
Peptides
  Animal biochemistry: QP552.P4
  Biochemistry: QD431+
  Microbial metabolism: QR92.P37
Peptidoglycans
  Animal biochemistry: QP702.P47
  Microbial metabolism: QR92.P39
Peptidylprolyl isomerase
  Animal biochemistry: QP616.P46
Peptococcaceae: QR82.P47
Peptones
  Animal biochemistry: QP552.P45
Peramelemorphia: QL737.M47+
  Paleozoology: QE882.M38
Peramelidae: QL737.M475
Perceptron theory: Q327
Perceptual process
  Physiology: QP441+
Perch
  Laboratory manuals: QL813.F57
Perches
  Zoology: QL638.P4
Percichthyidae: QL638.P358
Percidae: QL638.P4
Perciformes: QL637.9.P46
  Paleozoology: QE852.P4
Percolation
  Chemistry: QD63.P4
  Statistical physics: QC174.85.P45
Percophididae: QL638.P464
Percopsidae: QL638.P468
Percopsiformes: QL637.9.P47
Perfect graphs
  Algebra: QA166.16
Perfluorinated chemicals
  Effect on plants and animals: QH545.P38
Pergidae: QL568.P474
Perianth: QK655+
Periaqueductal gray matter
  Neurophysiology: QP378.4
Pericardium
  Human anatomy: QM181
Pericomidae: QL510.3.P4
Peridiniales: QK569.P33

Peridiscaceae: QK495.P446
Peridotite: QE462.P45
Perilampidae: QL568.P475
Perineum
  Human anatomy: QM431
Periodic comets: QB723.A+
Periodic functions
  Analysis: QA353.P4
Periodic law
  Physical chemistry: QD467
Periodicity
  Animal behavior: QL753+
  Biology: QH527
  Developmental physiology: QP84.6
  Effect on plants: QK761
  Geology: QE33.2.P47
  Science: Q176
  Seismology: QE539.2.P4
Peripatidae: QL448.55.P47
Peripatopsidae: QL448.55.P48
Peripheral circulation
  Physiology: QP108.5.P45
Peripheral nervous system
  Anatomy: QL939
  Human anatomy: QM471
  Neurophysiology: QP365.5+
Peripheral vision
  Neurophysiology: QP494
Periphyton
  Freshwater biology: QH96.8.P43
Peripsocidae: QL515.2.P4
Periscelidae: QL537.P4
Perisphaeriidae: QL505.7.P4
Perissodactyla: QL737.U6+
  Paleozoology: QE882.U6
Peritoneum
  Anatomy: QL864
  Human anatomy: QM367
  Physiology: QP157
Peritonitis
  Microbiology: QR201.P4
Peritricha: QL368.A22
Peritrichida: QL368.P4
Peritrophic membranes
  Anatomy: QL863.5
Perlidae: QL530.3.P47
Perlodidae: QL530.3.P48
Permaculture plants
  Botany: QK98.4
Permafrost forests: QH541.5.P47
Permanent magnets: QC757.9
Permeability
  Magnetism: QC754.2.P4
  Polymers: QD381.9.P45
Permian
  Paleobotany: QE920
  Paleontology: QE730
Permian
  Stratigraphy: QE674
Permo-Carboniferous
  Stratigraphy: QE673.5
Permutation groups
  Algebra: QA175
Permutations
  Algebra: QA165
Peronedysidae: QL638.P47
Peronosporaceae: QK621.P45
Peronosporales: QK621.P47
Perovskite
  Mineralogy: QE391.P47
Peroxidase
  Animal biochemistry: QP603.P4
  Plant constituent: QK898.P47
Peroxides
  Meteorology: QC879.9.P47
Peroxisomes
  Cytology: QH603.P47
Persistent pollutants
  Effect on plants and animals: QH545.P39
Personal equation
  Astronomy: QB153
Personality
  Neurophysiology: QP402
Personidae: QL430.5.P2
Perspective
  Central projection
    Descriptive geometry: QA515
Perturbation
  Mathematical physics: QC20.7.P47
  Quantum mechanics: QC174.17.P45
Perturbations
  Theoretical astronomy: QB361+
Pertusariaceae: QK585.P37
Pertussis toxin
  Animal biochemistry: QP632.P47
Pertussis vaccines: QR189.5.P46
Pesticides
  Animal biochemistry: QP801.P38
  Bacterial physiology: QR97.P47
  Microbial degradation: QR135.5.P47
  Physiological effect: QP82.2.P4
Petaflops computers: QA76.885
Petalite
  Mineralogy: QE391.P48
Petaluridae: QL520.3.P4
Petauridae: QL737.M373
Petauristidae: QL537.P42
Petriidae: QL596.P38
Petrofabric analysis: QE440
Petrofabric diagrams: QE440
Petrogenesis
  Petrology: QE431.6.P4
Petroleum
  Effect on plants: QK753.P4

Petroleum
  Microbiology: QR53.5.P48
Petrology
  Geology: QE420+
Petrology, X-ray: QE435
Petromuridae: QL737.R674
Petromyzontidae: QL638.25.P48
Petromyzontiformes: QL638.2+
Peyssonneliaceae: QK569.P35
Pezizaceae: QK623.P5
Pezizales: QK623.P53
Pfaffian problem
  Differentiable manifolds
    Topology: QA614.46
Pfaffian systems
  Differentiable maniforlds
    Topology: QA614.46
Pfiesteriaceae: QK569.P39
Phacidiaceae: QK623.P6
Phacidiales: QK623.P62
Phacopida
  Paleozoology: QE823.P5
Phaenocephalidae: QL596.P4
Phaenomeridae: QL596.P42
Phaeodactylaceae: QK569.P47
Phaeophyta: QK569.P5
Phaethontidae: QL696.P474
Phagocytes
  Immunology: QR185.8.P45
Phagocytosis
  Antigen-antibody reactions: QR187.P4
Phalacridae: QL596.P46
Phalacrocoracidae: QL696.P4745
Phalangeridae: QL737.M38
Phalangida
  Paleozoology: QE826.O63
Phalangiida: QL458.5+
Phalangiidae: QL458.52.P45
Phalangodidae: QL458.52.P46
Phalaropes: QL696.C48
Phalaropodidae: QL696.C48
Phallaceae: QK629.P6
Phallales: QK629.P63
Phallostethidae: QL638.P5
Phaloniidae: QL561.C57
Phanerochaetaceae: QK629.P64
Phanerogams: QK474.8+
Phantom midges: QL537.C43
Pharmaceutical microbiology: QR46.5
Pharynx
  Anatomy: QL861
  Human anatomy: QM331
  Physiology: QP146+
Phascolarctidae: QL737.M384
Phase conjugation, Optical: QC446.3.O67
Phase-contrast microscopes: QH212.P5
Phase rule
  Physical chemistry: QD503
Phase space
  Statistical physics: QC174.85.P48
Phase transformations
  Cosmology: QB991.P45
  Solid state physics: QC176.8.P45
  Statistical physics: QC175.16.P5
Phases of the moon: QB588
Phasianellidae: QL430.5.P23
Phasianidae: QL696.G27
Phasiidae: QL537.P44
Phasmatoptera
  Paleozoology: QE832.P45
  Zoology: QL509.5+
Phasmida
  Zoology: QL509.5+
Phasmodidae: QL508.P53
Pheasants
  Zoology: QL696.G27
Phenacoleachiidae: QL527.P53
Phenanthrene
  Organic chemistry: QD395
Phenethylamines
  Animal biochemistry: QP801.P39
Phenetics
  Evolution: QH408.5
Phenogodidae: QL596.P47
Phenol oxidase
  Animal biochemistry: QP603.P43
Phenology
  Ecology: QH544
  Plant ecology: QK914
Phenols
  Animal biochemistry: QP801.P4
  Aromatic compounds: QD341.P5
  Microbial metabolism: QR92.P4
  Plant constituent: QK898.P57
Phenylalanine
  Animal biochemistry: QP562.P5
Phenylalanine ammonia lyase
  Animal biochemistry: QP613.P54
Pheromones
  Animal biochemistry: QP572.P47
Philanthidae: QL568.P5
Philepittidae: QL696.P2625
Phillipsiidae
  Paleozoology: QE823.P53
Philobryidae: QL430.7.P48
Philodromidae: QL458.42.P39
Philomycidae: QL430.5.P25
Philopotamidae: QL518.P45
Philopteridae: QL540.3.P4
Philosopher's stone: QD25
Philosophy
  Computer science: QA76.167
  Mathematics: QA8+

Philosophy
  Natural history: QH14.3
  Science: Q174+
Philosophy of biology: QH331
Philydraceae: QK495.P45
Phisthobranchia
  Paleozoology: QE809.O6
Phlaeothripidae: QL598.3.P45
Phloeothripidae: QL598.3.P5
Phlogiston
  Chemistry: QD39.3.P45
Phlox
  Botany: QK495.P77
Phocidae: QL737.P64
Phocoenidae: QL737.C434
Phoenicopteridae: QL696.C56
Phoenicopteriformes: QL696.C56
Phoeniculidae: QL696.U66
Pholadidae: QL430.7.P5
  Paleozoology: QE812.P48
Pholadomyoida
  Paleozoology: QE812.P5
Pholcidae: QL458.42.P4
Pholidichthyidae: QL638.P55
Pholididae: QL638.P56
Pholidorphoriformes
  Paleozoology: QE852.P45
Pholidota: QL737.P4+
  Paleozoology: QE882.P45
Phonic wheel: QC544.P5
Phonons
  Solid state physics: QC176.8.P5
Phoridae: QL537.P46
Phoronida: QL391.P5
Phosphatases
  Animal biochemistry: QP609.P5
Phosphate rock: QE471.15.P48
Phosphates
  Microbial metabolism: QR92.P45
  Mineralogy: QE389.64
  Spectra: QC464.P44
Phosphatidate phosphatase
  Animal biochemistry: QP609.P52
Phosphatides
  Animal biochemistry: QP752.P53
Phosphodiesterase
  Animal biochemistry: QP609.P53
Phosphofructokinase
  Animal biochemistry: QP606.P53
Phosphoinositides
  Animal biochemistry: QP752.P52
Phospholipase
  Animal biochemistry: QP609.P55
Phospholipase A2
  Animal biochemistry: QP609.P553
Phospholipase C
  Animal biochemistry: QP609.P555
Phospholipid antibodies
  Immunology: QR186.83.P48
Phospholipids
  Animal biochemistry: QP752.P53
Phosphonic acids
  Animal biochemistry: QP801.P56
Phosphoprotein phosphatases
  Animal biochemistry: QP609.P56
Phosphoproteins
  Animal biochemistry: QP552.P5
  Plant constituents: QK898.P59
Phosphopyruvate hydratase: QP613.E56
Phosphorescence
  Radiation physics: QC477.8+
Phosphorimetry
  Analytical chemistry: QD79.P4
Phosphorite: QE471.15.P48
Phosphors
  Radiation physics: QC476.7+
Phosphorus
  Chemical element: Q1 .P1
  Effect on plants: QK753.P48
  Effect on plants and animals: QH545.P5
  Plant constituent: QK898.P6
Phosphorus compounds
  Spectra: QC464.P46
Phosphorus derivatives
  Aliphatic compounds: QD305.P46
Phosphorus organic compounds
  Animal biochemistry: QP801.P63
Phosphorylation
  Organic chemistry: QD281.P46
Phosphotransferases
  Animal biochemistry: QP606.P55
Photoabsorption
  Electric waves: QC665.P5
Photoaffinity labeling
  Animal biochemistry: QP519.9.P48
Photobiochemistry
  Animal biochemistry: QP517.P45
Photobiology
  Biology: QH515
Photocatalysis
  Photochemistry: QD716.P45
Photochemistry: QD701+
  Polymers: QD381.9.P56
Photochromic polymers
  Organic chemistry: QD382.P45
Photochromism
  Photochemistry: QD716.P47
Photoconductivity
  Electricity: QC612.P5
Photodetachment threshold spectroscopy
  Physics: QC454.P46
Photodissociation
  Photochemistry: QD716.P48

Photoelectric cells
  Electric discharge: QC715.4
  Physics: QC715+
Photoelectricity
  Physics: QC715+
Photoelectrochemistry: QD578
Photoelectromagnetic effects
  Semiconductor physics: QC611.6.P52
Photoelectron spectroscopy
  Analytical chemistry: QD96.P5
  Physics: QC454.P48
Photoemission: QC715.15
Photoferroelectric effect: QC715.17
Photofission
  Nuclear fission: QC790.4.P4
Photographs of earth from space: QB637
Photographs of the moon
  Descriptive astronomy: QB595
Photographs of the planets
  Descriptive astronomy: QB605
Photography
  Aeronomy: QC879.55.P4
  Auroras: QC972.P4
  Meteorology: QC866.5.P4
Photoionization
  Electric discharge: QC702.7.P48
  Photochemistry: QD716.P48
Photoluminescence
  Radiation physics: QC476.8+
Photomagnetic effect
  Magnetism: QC754.2.P45
Photometric catalogs
  Stars: QB815
  Variable stars: QB836
Photometry
  Analytical chemistry: QD79.P46
  Optics: QC391
  Organic chemistry: QD272.P5
  Quantitative analysis: QD117.P5
Photomicrography
  Microscopy: QH251
  Plant anatomy: QK673
Photon detectors
  Nuclear physics: QC787.P46
Photonic crystals: QD924
Photons
  Elementary particle physics: QC793.5.P42+
Photonuclear interactions
  Nuclear physics: QC794.8.P4
Photoperiodism: QK761
Photopolymerization
  Photochemistry: QD716.P5
Photopolymers
  Organic chemistry: QD382.P45
Photoreceptors: QP447.8
Photoreceptors, Encephalic: QP384.3
Photosynthesis
  Bacterial physiology: QR88.5
  Phytochemistry: QK882
Photosynthesis determination
  Marine biology: QH91.57.P4
Photosynthetic bacteria: QR88.5
Photothermal spectroscopy
  Analytical chemistry: QD96.P54
Phototropism
  Physiology: QP310.P5
  Plant physiology: QK776
Photovoltaic effect
  Electric discharge: QC715.4
PHP (Computer program language): QA76.73.P224
Phractolaemidae: QL638.P57
Phryganeidae: QL518.P47
Phrynichida: QL458.3+
Phrynichidae: QL458.32.P56
Phrynidae: QL458.32.P57
Phrynomeridae: QL668.E264
Phrynosomatidae: QL666.L267
Phthaleins
  Organic chemistry: QD441
Phthiaceae: QK621.P9
Phthidae: QL596.P98
Phthiriidae: QL570.3.P5
Phycidae: QL638.P58
Phycitidae: QL561.P9
Phycobiliproteins
  Plant constituent: QK898.P64
Phycomycetes: QK621.A1+
Phyllachoraceae: QK623.P63
Phyllidiidae: QL430.5.P33
Phylliroidae: QL430.5.P35
Phyllite: QE475.P47
Phyllocladaceae: QK494.5.P58
Phyllocnistidae: QL561.P48
Phyllodromiidae: QL505.7.P45
Phyllophoraceae: QK569.P54
Phyllopoda
  Paleozoology: QE817.B7
Phyllostictaceae: QK625.S5
Phyllostictalaes: QK625.S6
Phyllostomidae: QL737.C57
Phylloxeridae: QL527.P56
Phylogeny
  Immune system: QR184.6
  Insects: QL468.7
  Mollusca: QL406.7
  Plants: QK989
  Zoology: QL438.5
Phylogeography: QH84+
Phymatidae: QL523.P53
Phyrmaceae: QK495.P453
Physaraceae: QK635.P5
Physciaceae: QK585.P45
Physeteridae: QL737.C435

Physical agents
  Effect on cells: QH650+
Physical agents affecting plants
  Plant physiology: QK754+
Physical biochemistry: QD476.2
  Animal biochemistry: QP517.P49
Physical chemistry: QD450+
Physical conditions of the solar system: QB505
Physical education
  Mathematics teaching aid: QA20.P49
Physical inorganic chemistry: QD475
Physical laws of science
  Philosophy of science: Q175.32.P39
Physical measurements: QC39
Physical optics: QC392+
Physical organic chemistry: QD476
Physical properties
  Cells: QH611+
  Determinative mineralogy: QE369.P49
  Petrology: QE431.6.P5
Physical properties of crystals
  Crystallography: QD931+
Physics: QC1+
Physics, Atmospheric: QC851+
Physics literature: QC5.45
Physics, Solid state: QC176+
Physics, Statistical: QC174.7+
Physics, Superfluid: QC175.4+
Physidae: QL430.5.P37
Physiographic divisions
  Biogeography: QH84.8+
Physiological acoustics
  Physiology: QP460+
Physiological apparatus: QP55
Physiological properties
  Cells: QH631+
Physiological psychology: QP360+
Physiology: QP1+
  Amphibians: QL669.2
  Apterygota: QL504.2
  Arachnida: QL459.2
  Arthropoda: QL434.72
  Birds: QL698
  Blattaria: QL505.82
  Brachiopoda: QL395.95
  Bryozoa: QL399.2
  Coelenterata: QL378.2
  Coleoptera: QL597.2
  Crustacea: QL445.2
  Ctenophora: QL380.8
  Dermaptera: QL510.42
  Diptera: QL538.2
  Echinodermata: QL385.2
  Embioptera: QL539.42
  Ephemeroptera: QL505.42
  Fishes: QL639.1
  Fungi: QK601
Physiology
  Hemiptera: QL524.2
  Homoptera: QL528.2
  Hornworts: QK563.77
  Hymenoptera: QL569.2
  Insects: QL495+
  Invertebrates: QL364
  Isoptera: QL529.42
  Lepidoptera: QL562.2
  Lichens: QK581
  Mallophaga: QL540.42
  Mammals: QL739.2+
  Mantodea: QL505.96
  Mecoptera: QL598.82
  Megaloptera: QL514.82
  Mollusca: QL431.2
  Myriapoda: QL449.92
  Neuroptera: QL514.2
  Odonata: QL520.42
  Orthoptera: QL509.2
  Plecoptera: QL530.42
  Porifera: QL374.2
  Protozoa: QL369.2
  Raphidioptera: QL514.96
  Reptiles: QL669.2
  Siphonaptera: QL599.82
  Strepsiptera: QL599.42
  Thysanoptera: QL598.42
  Trichoptera: QL519.2
  Worms: QL394
Physiology, Comparative: QP33
Physiology, Experimental: QP42+
Physiology, Human: QP34+
Physiology of work: QP309
Phytalmiidae: QL537.P49
Phytic acid
  Animal biochemistry: QP801.P634
Phytin
  Plant constituent: QK898.P65
Phytoalexins
  Plant constituent: QK898.P66
Phytochemicals: QK861+
  Animal biochemistry: QP801.P636
Phytochrome
  Plant constituent: QK898.P67
Phytoestrogens
  Animal biochemistry: QP572.P48
Phytogeography: QK101+
Phytolaccaceae: QK495.P454
Phytoliths
  Plant constituent: QK898.P677
Phytomastigia: QL368.A12
Phytomelanes
  Plant constituent: QK898.P68
Phytomonadida: QL368.V6
Phytopathogenic fungi: QK604.2.P45

Phytoplankton
  Plant ecology: QK933+
Phytoptidae
  Zoology: QL458.2.P37
Phytosauria
  Paleozoology: QE862.P35
Phytoseiidae: QL458.2.P4
Phytosociology: QK911
Phytotomidae: QL696.P2629
Phytotrons: QK715.5
Picidae: QL696.P56
Piciformes: QL696.P5+
  Paleozoology: QE872.P5
Pickerelweed
  Botany: QK495.P783
Pickeringite
  Mineralogy: QE391.P5
Picodnaviruses
  Virology: QR408+
Picornavirus infections
  Microbiology: QR201.P45
Picornaviruses
  Virology: QR410+
Picrodendraceae: QK495.P5
Picture books
  Mathematics teaching aid: QA19.P53
Pieridae: QL561.P5
Piesmidae: QL523.P55
Piezoelectricity
  Physics: QC595.5
Pigeons
  Zoology: QL696.C63
Pigment
  Human histology: QM559
Pigment cells
  Cytology: QH607.2.C47
Pigments
  Animal biochemistry: QP670+
  Bacteria: QR76.7
  Blood constituents: QP99.3.P5
  Plant constituent: QK898.P7
Pigmy grasshoppers
  Zoology: QL508.T38
Pigmy mole crickets
  Zoology: QL508.T73
Pigs
  Laboratory manuals: QL813.P54
Pikas: QL737.L33
Pike
  Zoology: QL638.E7
Pike congers: QL638.M87
Pile theory
  Nuclear fission: QC790.4.P5
Pili
  Microbiology: QR78.5
Pill bugs: QL444.M34
Pimaricin
  Organic chemistry: QD377.P55
Pimelodidae: QL638.P6
Pimoidae: QL458.42.P47
Pinaceae: QK494.5.P66
Pinch effect
  Plasma physics: QC718.5.P45
Pineal body
  Physiology: QP188.P55
Pineal gland
  Anatomy: QL868
  Human anatomy: QM371
Pinguipedidae: QL638.P613
Pink
  Botany: QK495.C24
Pinnidae: QL430.7.P56
Pinnipedia: QL737.P6+
  Paleozoology: QE882.P5
Pinocytosis: QH634
Pinophyta
  Paleobotany: QE975+
Pionidae: QL458.2.P44
Pions
  Elementary particle physics: QC793.5.M42+
Piophilidae: QL537.P56
Pipefishes
  Zoology: QL638.S9
Pipelines, Gas
  Effect on plants and animals: QH545.G37
Piperaceae: QK495.P67
Pipettes
  Chemical laboratories: QD54.P5
Pipewort
  Botany: QK495.E685
Pipidae: QL668.E265
  Paleozoology: QE868.P5
Pipits: QL696.P252
Pipridae: QL696.P263
Pipunculidae: QL537.P57
Pirate perches: QL638.A63
Piroplasmida: QL368.P52
Piscivorous birds
  Zoology: QL677.79.P57
Pistils
  Perianth: QK659
Pistons
  Rigid dynamics: QA862.P5
Pit scales: QL527.A8
Pit vipers: QL666.O69
Pitch perception
  Neurophysiology: QP465
Pitcher plant
  Botany: QK495.S24
Pitheciidae: QL737.P959
Pittas: QL696.P2634
Pitted-shell turtles: QL666.C52
Pittidae: QL696.P2634

Pittosporaceae: QK495.P7
Pituitary gland
  Anatomy: QL868
  Human anatomy: QM371
  Physiology: QP188.P58
Pituitary hormone releasing factors
  Animal biochemistry: QP572.P5
Pituitary hormones
  Animal biochemistry: QP572.P52
PL/1 (Computer program language): QA76.73.P25
PL-topology: QA613.4
Placenta
  Embryology: QL973
Placental hormones
  Animal biochemistry: QP572.P57
Placenticeratidae
  Paleozoology: QE807.P69
Placodermi
  Paleozoology: QE852.P5
Placodontia
  Paleozoology: QE862.P37
Plages, Solar: QB526.F64
Plagiochilaceae: QK555.P45
Plagioclase
  Mineralogy: QE391.P55
Plagiostomi
  Paleozoology: QE852.C52
Plagiotheciaceae: QK539.P7
Plague
  Microbiology: QR201.P5
Plains
  Zoology: QL115
Plaintain-eaters
  Zoology: QL696.C85
Planaxidae: QL430.5.P46
Planck radiation law: QC318.P6
Plane analytic geometry: QA552
Plane curves: QA567
Plane geometry: QA474
Plane geometry textbooks: QA455
Plane trigonometry: QA533
Planetariums: QB70+
Planetary geology: QB603.G46
Planetary meteorology: QB603.A85
Planetary motion: QB603.M6
Planetary nebulae: QB855.5
Planetary satellites
  Celestial mechanics: QB401+
Planetary theory
  Theoretical astronomy: QB361+
Planetological information, Communication of: QB600.3+
Planetological literature: QB600.35
Planetology
  Descriptive astronomy: QB600+
Planets
  Crust: QB603.C78
  Descriptive astronomy: QB600+
Planets
  Parallax: QB516
Planets, Extrasolar
  Distribution: QB820
Planets, Inferior: QB606+
Planets, Minor: QB651+
Planets, Outer: QB659+
Planets, Superior: QB639+
Planimeters
  Mathematical instruments: QA81
Plankton
  Aquatic biology: QH90.8.P5
  Freshwater biology: QH96.8.P5
  Marine biology: QH91.8.P5
  Paleozoology: QE767
Plankton sampling
  Marine biology: QH91.57.P5
Planorbidae: QL430.5.P48
Plant adaptation
  Botany: QK912+
Plant analysis blanks (Botany): QK57
Plant-animal relationships: QH549.5
Plant canopies: QK924.5
Plant cells
  Physiology: QK725
Plant communities
  Botany: QK911
Plant compounds
  Animal biochemistry: QP529.5
Plant conservation
  Botany: QK86+
Plant diversity conservation: QK86+
Plant ecology: QK900+
Plant ecophysiology: QK717
Plant food: QK867+
Plant lice
  Zoology: QL527.A64
Plant lore
  Botany: QK83
Plant physiology: QK710+
Plant pigments
  Organic chemistry: QD441
Plant prints
  Botany: QK61.4
Plant products
  Microorganisms: QR160
Plant reintroduction: QK86.4
Plant resource allocation
  Plant ecophysiology: QK717
Plant tissues
  Physiology: QK725
Plant-water relationships: QK870+
Plantaginaceae: QK495.P714
Plantain
  Botany: QK495.P714
Plantbugs
  Zoology: QL523.M5

Plantcutters: QL696.P2629
Plants
  Anatomy: QK640+
  Biochemistry: QH345
  Comparison with animals: QH347
  Morphology: QK640+
  Physiology: QK710+
Plants and water: QK870+
Plants in geology: QE625
Plants, Permaculture
  Botany: QK98.4
Plants, Useful
  Botany: QK98.4
Plasma
  Physiology: QP99
Plasma astrophysics: QB462.7+
Plasma chemistry: QD581
Plasma confinement: QC718.5.C65
Plasma effects
  Semiconductor physics: QC611.6.P55
  Solid state physics: QC176.8.P54
Plasma lasers: QC689.55.P53
Plasma physics: QC717.6+
Plasma proteins
  Blood constituents: QP99.3.P7
Plasma reactions with matter
  Plasma physics: QC718.5.P5
Plasma reactions with particles
  Plasma physics: QC718.5.P55
Plasma resonance
  Plasma physics: QC718.5.W3
Plasma spectroscopy
  Analytical chemistry: QD96.P62
Plasma transport
  Plasma physics: QC718.5.T7
Plasmasphere
  Geophysics: QC809.P5
Plasmids
  Genetics: QH452.6
  Microbiology: QR76.6
Plasmodiophoraceae: QK635.P6
Plasmodiophorales: QK635.P65
Plasmodiophorida: QL368.P55
Plasmodroma: QL368.A115
Plasmoids
  Plasma physics: QC718.5.P58
Plasmons
  Solid state physics: QC176.8.P55
Plastic embedding
  Human histology: QM556.5.P53
Plasticity
  Analytic mechanics: QA931+
  Crystallography: QD933
Plasticizers
  Spectra: QC463.P46
Plastoceridae: QL596.P5
Plastocyanin
  Plant constituent: QK898.P73
Platacanthomyidae: QL737.R666
Platanaceae: QK495.P72
Platanistidae: QL737.C436
Plataspidae: QL523.P57
Plate tectonics
  Geology: QE511.4+
Platelet activating factor
  Animal biochemistry: QP752.P62
Platelet-derived growth factor
  Animal biochemistry: QP552.P56
Platelets
  Immunology: QR185.8.P58
  Physiology: QP97+
Plates in sound vibrations: QC241
Platinum
  Chemical element: Q1 .P8
Platinum group
  Inorganic chemistry: QD172.P8
Platinum ores
  Mineralogy: QE390.2.P56
PLATO (Electronic computer system): QA76.8.P53
Platoridae: QL458.42.P6
Platycephalidae: QL638.P62
Platyceratidae
  Paleozoology: QE809.P5
Platycnemididae: QL520.3.P53
Platyctenea: QL380.5.T47
Platydesmidae: QL449.65.P42
Platygastridae: QL568.P55
Platygloeaceae: QK627.7
Platygloeales: QK627.7
Platyhelminthes: QL391.P7
Platylabiidae: QL510.3.P5
Platypezidae: QL537.P63
Platypodidae: QL596.P6
Platypsyllidae: QL596.P62
Platypus
  Zoology: QL737.M72
Platyrrhacidae: QL449.65.P427
Platystictidae: QL520.3.P58
Platystomatidae: QL537.P65
Platystrophiinae
  Paleozoology: QE797.P5
Platytroctidae: QL638.P63
Play behavior
  Animals: QL763.5
Pleasing lacewings: QL513.D5
Pleasure
  Neurophysiology: QP401
Plecoglossidae: QL638.P64
Plecoptera
  Paleozoology: QE832.P55
  Zoology: QL530+
Plectoptera
  Zoology: QL505+

Plectreuridae: QL458.42.P64
Pleidae: QL527.P6
Pleistocene
  Paleobotany: QE931.2
  Paleontology: QE741.2
  Stratigraphy: QE697+
Pleocomidae: QL596.P63
Pleomorphic fungi: QK604.2.P56
Pleosporaceae: QK623.P66
Pleosporales: QK623.P68
Plesiopidae: QL638.P648
Plesiosauria
  Paleozoology: QE862.P4
Plethodontidae: QL668.C274
Pleura
  Anatomy: QL849
  Human anatomy: QM261
Pleurobranchidae: QL430.5.P49
Pleuroceride: QL430.5.P5
Pleuromeiales
  Paleobotany: QE971
Pleuronectidae: QL638.P7
Pleuronectiformes: QL637.9.P5
Pleuropneumonia vaccines: QR189.5.P54
Pliocene
  Paleobotany: QE930
  Paleontology: QE740
  Stratigraphy: QE695
Pliocene-Pleistocene boundary
  Stratigraphy: QE695.5
Ploceidae: QL696.P264
Ploiariidae: QL523.P576
Plotosidae: QL638.P72
Plovers: QL696.C43
Plumage
  Birds: QL697.4
Plumariidae: QL568.P58
Plumbaginaceae: QK495.P725
Plumbline deflections
  Gravity observations: QB338
Plumbum
  Chemical element: Q1 .P3
Plume moths: QL561.P8
Plumieride
  Plant constituent: QK898.P75
Pluripotential theory: QA404.7+
Plushcapped finches: QL696.P228
Pluteaceae: QK629.P67
Plutellidae: QL561.P55
Pluto (Dwarf planets): QB701+
  Satellites: QB408
Plutonium
  Chemical element: Q1 .P9
Pneumatics
  Fluid mechanics: QC161+
Pneumococcal pneumonia
  Microbiology: QR201.P7
Pneumococcal vaccine: QR189.5.P58
Pneumonia, Lobar
  Microbiology: QR201.P7
Pneumoridae: QL508.P6
Poachers (Agonidae): QL638.A316
Pocket gophers: QL737.R654
Pocket mice: QL737.R66
Podapolipodidae: QL458.2.P6
Podargidae: QL696.C26
  Paleozoology: QE872.P6
Podicipedidae: QL696.P586
Podicipediformes: QL696.P58+
Podocarpaceae: QK494.5.P73
Podocopida: QL444.O86
Podogonata: QL458.65+
Podopidae: QL523.P62
Podostemaceae: QK495.P74
Poduridae: QL503.P6
Poeciliidae: QL638.P73
Poecilostomatoida: QL444.C78
Pogonophora: QL391.A6
Point processes
  Stochastic processes: QA274.42
Points and curves, Groups of
  Algebraic geometry: QA603
Poisonous animals
  Zoology: QL100+
Poisonous arthropods: QL434.45
Poisonous fishes: QL618.7
Poisonous fungi: QK617
Poisonous insects
  Zoology: QL468.8
Poisonous plants
  Botany: QK100.A1+
Poisons
  Effect on plants: QK753.P65
Poke
  Botany: QK495.P454
Polar climatology: QC994.75+
Polar ecology: QH541.5.P6
Polar meteorology: QC994.75+
Polar regions
  Biogeography: QH84.1+
  Ecology: QH541.5.P6
Polar wandering
  Structural geology: QE501.4.P6
Polarimetry: QB539.P58
  Optical measurements: QC367.3.P65
Polariscope
  Optical instruments: QC373.P7
Polaritons
  Solid state physics: QC176.8.P6
Polarization
  Electric discharge through gases: QC711.8.P6
  Electric waves: QC665.P6
  Electrochemistry: QD571
  Meteorological optics: QC976.P7

Polarization
  Nuclear interactions: QC794.6.S3
  Optics: QC440+
  X-rays: QC482.P6
Polarization, Vacuum
  Electrodynamics: QC648
Polarizibility
  Atomic physics: QC173.4.P64
Polarizing apparatus
  Microscopy: QH217
Polarizing microscopes: QH212.P6
Polarography
  Electrochemical analysis: QD116.P64
Polarons
  Solid state physics: QC176.8.P62
Pole, Position of
  Spherical astronomy: QB169
Polemoniaceae: QK495.P77
Poliomyelitis
  Microbiology: QR201.P73
Poliomyelitis vaccine: QR189.5.P6
Pollen
  Plant anatomy: QK658
Pollination
  Plant ecology: QK926
Pollucite
  Mineralogy: QE391.P56
Pollutants
  Effect on plants: QK750+
Pollution
  Physiological effect: QP82.2.P6
Pollution, Oil
  Effect on plants and animals: QH545.O5
Pollution, Thermal
  Effect on plants and animals: QH545.T48
Polonium
  Chemical element: Q1 .P6
Poly-beta-hydroxyalkanoates
  Microbial metabolism: QR92.P58
Polyamines
  Animal biochemistry: QP801.P638
  Plant constituent: QK898.P756
Polyampholytes
  Organic chemistry: QD382.P64
Polyangiaceae: QR82.P6
Polyblepharidaceae: QK569.P65
Polycentropodidae: QL518.P6
Polychlorinated biphenyls
  Effect on plants and animals: QH545.P6
Polychrotidae: QL666.L268
Polycrystalline semiconductors
  Semiconductor physics: QC611.8.P64
Polycrystalline thin films: QC176.9.P64
Polycrystals
  Crystallography: QD925
Polyctenidae: QL523.P64
Polycyclic aromatic hydrocarbons
  Animal biochemistry: QP801.P639
  Effect on plants: QK753.P67
  Effect on plants and animals: QH545.H92
Polycystida
  Paleozoology: QE774.P6
Polydesmidae: QL449.65.P64
Polyelectrolytes
  Organic chemistry: QD382.P64
Polygalaceae: QK495.P775
Polygalacturonase
  Animal biochemistry: QP609.P6
Polygonaceae: QK495.P78
Polygyridae: QL430.5.P6
Polyketides
  Animal biochemistry: QP752.P65
Polymastigida: QL368.P62
Polymer colloids
  Physical chemistry: QD549.2.P64
Polymer liquid crystals
  Crystallography: QD923
Polymer networks
  Organic chemistry: QD382.P67
Polymerization
  Inorganic chemistry: QD196
  Organic chemistry: QD281.P6
Polymers
  Analytical chemistry: QD139.P6
  Animal biochemistry: QP801.P64
  Atomic physics: QC173.4.P65
  Microbial metabolism: QR92.P59
  Organic chemistry: QD380+
  Photochemistry: QD381.9.P56
  Plant constituent: QK898.P76
  Radiation chemistry: QD651.P6
  Spectra: QC463.P5
Polymitarcidae: QL505.3.P64
Polymixiidae: QL638.P747
Polymorphism
  Chemical crystallography: QD951
Polymorphisms
  Genetics: QH447.6+
Polynemidae: QL638.P75
Polynomials
  Algebra: QA161.P59
Polynucleotides
  Genetic effects: QH465.D55
Polyodontidae: QL638.P755
Polyomavirus infections
  Microbiology: QR201.P732
Polyomaviruses
  Virology: QR406+
Polyominoes
  Algebra: QA166.75
Polypeptides
  Animal biochemistry: QP552.P6
Polyphagidae: QL505.7.P6

Polyphenols
  Plant constituent: QK898.P764
Polyphyromonas gingivalis infections
  Microbiology: QR201.P733
Polyplacophora: QL430.13+
  Paleozoology: QE805
Polyploidy: QH461
Polypodiaceae: QK524.P7
Polypodiophyta
  Paleobotany: QE961
Polyporaceae: QK629.P7
Polypteridae: QL638.P76
Polysaccharides
  Animal biochemistry: QP702.P6
  Microbial metabolism: QR92.P6
  Plant constituent: QK898.P77
Polystoechotidae: QL513.P6
Polythoridae: QL520.3.P6
Polytrichaceae: QK539.P78
Polyurethanes
  Animal biochemistry: QP801.P643
  Spectra: QC463.P55
Polywater
  Fluid mechanics: QC145.48.P6
Polyxenidae: QL449.65.P648
Polyzoa
  Paleozoology: QE798+
  Zoology: QL396+
Polyzoniidae: QL449.65.P649
Pomacanthidae (Marine angelfishes): QL638.P768
Pomacentridae: QL638.P77
Pomadasyidae: QL638.H23
Pomatiasidae: QL430.5.P63
Pomatiidae: QL430.5.P63
Pomatiopsidae: QL430.5.P64
Pomatomidae: QL638.P778
Pomegranate
  Botany: QK495.P958
Pomerons
  Elementary particle physics: QC793.5.P58+
Pomfrets: QL638.B8
Pompanos
  Zoology: QL638.C25
Pompilidae: QL568.P6
Pond ecology: QH541.5.P63
Ponds
  Ecology: QH541.5.P63
  Freshwater biology: QH98
  Zoology: QL146.3
Pondweed
  Botany: QK495.P85
Ponies, Wild
  Anecdotes and stories: QL795.H7
Pons Varolii
  Neurophysiology: QP377.5
Pontarachnidae: QL458.2.P65
Pontederiaceae: QK495.P783
Pontoporiidae: QL737.C436
Poppy
  Botany: QK495.P22
Popular culture: Q172.5.P65
Popular names
  Zoology: QL355
Population biology: QH352+, QH352
Population counts
  Microbiology: QR69.P6
Population dynamics
  Birds: QL677.4
  Chordates: QL607.6
  Fishes: QL618.3
  Insects: QL496.15
  Mammals: QL708.6
Population genetics
  Biology: QH455
Population viability analysis: QH352.5
Populations
  Fungi: QK604.2.P64
Porcupinefishes: QL638.D56
Porcupines
  Anecdotes and stories: QL795.P6
Porellaceae: QK555.P6
Porgies
  Zoology: QL638.S74
Poriales: QK629.P74
Porifera
  Paleozoology: QE775
  Zoology: QL370.7+
Porosity
  Petrology: QE431.6.P6
Porous materials
  Atomic physics: QC173.4.P67
  Electrochemistry: QD575.P67
Porphyridiaceae: QK569.P68
Porphyrin
  Spectra: QC463.P6
Porphyrins
  Animal biochemistry: QP671.P6
Porphyry: QE462.P6
Porpoises
  Zoology: QL737.C434
Port Orford meteorite: QB756.P67
Portable astronomical instruments: QB105
Portfolios
  Mathematics teaching: QA20.P67
Portulacaceae: QK495.P8
Porulosida: QL368.P65
Posidoniaceae: QK495.P83
Position of pole
  Spherical astronomy: QB169
Positive ions
  Electric discharge: QC702.7.P6
Positron emission tomography
  Animal biochemistry: QP519.9.P68
Positronium (Astrophysics): QB466.P67

Positrons: QC793.5.P62+
Post-translational modification of proteins
  Genetics: QH450.6
PostScript (Computer program language): QA76.73.P67
Postulates
  Plane geometry: QA481
Posture
  Physiology: QP310.3
Potamanthidae: QL505.3.P68
Potamididae: QL430.5.P68
Potamogalidae: QL737.S73
Potamogetonaceae: QK495.P85
Potamotrygonidae: QL638.85.P6
Potassium
  Chemical element: Q1 .K1
  Effect on plants: QK753.P7
Potassium hydride
  Spectra: QC464.P68
Potassium phosphates
  Spectra: QC464.P685
Potential
  Magnetism: QC754.2.P6
Potential barrier
  Electricity: QC612.P6
Potential difference
  Electrostatics: QC581.P6
Potential energy surfaces
  Quantum chemistry: QD462.6.P68
Potential theory
  Mathematical physics: QC20.7.P67
  Solution of physical problems: QA404.7+
Potential variation observations: QC963
Potentiometer
  Electricity: QC544.P8
Potentiometry
  Electrochemical analysis: QD116.P68
Potoos: QL696.C25
Potoroidae: QL737.M386
Potoroos: QL737.M386
Pottiaceae: QK539.P8
Pottos: QL737.P955
Potyviridae
  Virology: QR411
Potyviruses
  Virology: QR411
Powderpost beetles: QL596.L92
Power spectra
  Meteorology: QC880.4.P6
PowerShell (Computer program language): QA76.73.W56
Poxviruses
  Virology: QR412
PQQ
  Animal biochemistry: QP801.P654
Practical astronomy: QB140+
Practical geology: QE33.2.P7
Practical geometry: QA464
Practical mathematics: QA71+
Praeheterodonta
  Paleozoology: QE812.P65
Prairie ecology: QH541.5.P7
Prairies
  Biogeography: QH87.7
  Botany: QK938.P7
  Ecology: QH541.5.P7
  Zoology: QL115.3+
Praseodymium
  Chemical element: Q1 .P7
Prasiolaceae: QK569.P9
Pratincoles: QL696.C448
Precambrian
  Paleobotany: QE914+
  Paleontology: QE724+
  Stratigraphy: QE653+
Precession and nutation
  Spherical astronomy: QB165
Precious metals
  Inorganic chemistry: QD172.P88
Precious stones
  Mineralogy: QE392+
Precipitation
  Antigen-antibody reactions: QR187.P7
  Physical chemistry: QD547
Predaceous diving beetles: QL596.D9
Predacious fungi
  Botany: QK604.2.P73
Predation
  Animals: QL758
Predator control
  Effect on plants and animals: QH545.P73
Predatory animals: QL758
Predicate calculus
  Mathematical logic: QA9.35
Prediction analysis
  Mathematical statistics: QA279.2
Prediction of volcanic activity: QE527.5
Prefrontal cortex
  Neurophysiology: QP383.17
Pregnancy proteins
  Animal biochemistry: QP552.P65
Pregnenolone
  Animal biochemistry: QP572.P67
Preparative layer chromatography
  Analytical chemistry: QD79.C52
Preselection, Sex
  Physiology: QP279
Pressed plants
  Botany: QK89
Pressure
  Bacterial physiology: QR97.P7
  Effect on cells: QH658
  Effect on spectra: QC467
  Electric corona: QC643.7.P7
  Gases: QC165
  Liquids: QC145.4.P73

Pressure
  Physiological effect: QP82.2.P7
  Physiology: QP451.2
  Sound waves: QC243.3.P7
Pressure, Intraocular
  Neurophysiology: QP476.3
Priacanthidae: QL638.P785
Priapulida: QL391.P93
Pricklebacks
  Zoology: QL638.S84
Primary cosmic rays: QC485.9.P7
Primary productivity
  Botany: QK909.5
  Freshwater biology: QH96.8.P7
  Marine biology: QH91.8.P7
Primates
  Paleozoology: QE882.P7
  Zoology: QL737.P9+
Prime meridians
  Astronomy: QB224
Primes, Distribution of
  Number theory: QA246
Primrose
  Botany: QK495.P95
Primulaceae: QK495.P95
Principal components analysis
  Mathematical statistics: QA278.5
Prion diseases
  Microbiology: QR201.P737
Prionidae: QL596.P7
Prionopidae: QL696.P265
Prions
  Virology: QR502
Prismatic astrolabe: QB328.P7
Pristidae: QL638.78.P75
Pristiformes: QL638.77+
Pristiglomidae: QL430.7.P7
Pristiophoridae: QL638.95.P7
Private grants
  Science research: Q180.55.G7
Prizes
  Mathematics: QA20.3
Probabilistic automata
  Algebra: QA267.5.P7
Probabilistic number theory: QA241.7
Probabilities
  Mathematical physics: QC20.7.P7
  Mathematics: QA273.A1+
  Quantum mechanics: QC174.17.P68
  Statistical physics: QC174.85.P76
Probability theory on algebraic and topological structures: QA273.43
Problem of many bodies
  Quantum mechanics: QC174.17.P7
Problem solving
  Mathematics: QA63
Proboscidea: QL737.P97+
Proboscidea
  Paleozoology: QE882.P8
Procaviidae: QL737.H9
Procellariformes: QL696.P6+
Procesllariidae: QL696.P665
Process oriented guided inquiry learning: QD49.6.P76
Processed foods
  Microbiology: QR129.P76
Processing (Computer program language): QA76.73.P75
Prochilodontidae: QL638.P786
Prochloraceae: QK569.P93
Proctophyllodidae: QL458.2.P74
Proctotrypidae: QL568.P9
Procyonidae: QL737.C26
Prodidomidae: QL458.42.P7
Prodigy (Online service): QA76.57.P75
Prodoxidae: QL561.P57
Productidae
  Paleozoology: QE797.P9
Productivity
  Computer software: QA76.76.P74
Productivity measurement
  Freshwater biology: QH96.57.P75
Proetida
  Paleozoology: QE823.P75
Proetidae
  Paleozoology: QE823.P76
ProfNet: QA76.57.P77
Profundulidae: QL638.P788
Progesterone
  Animal biochemistry: QP572.P7
Programmed instruction
  Mathematics teaching: QA20.P7
  Probabilities: QA273.27
Programming
  Analytical methods used in the solution of physical problems: QA402.5+
  Digital computers: QA76.6+
Programming languages
  Digital computers: QA76.7+
Programs, Object-oriented
  Digital computers: QA76.64
Projapygidae: QL503.4.P7
Project method
  Mathematics teaching: QA20.P73
Projectiles
  Rigid dynamics: QA862.P76
Projective differential geometry: QA660
Projective geometry: QA471
Projective methods
  Analytic geometry: QA554
Prokaryotes
  Micropaleontology: QE719.5
Prolactin
  Animal biochemistry: QP572.P74
Proline
  Animal biochemistry: QP562.P7

Proline hydroxylase
  Animal biochemistry: QP603.P74
Prolog (Computer program language): QA76.73.P76
Prolongation of life
  Developmental physiology: QP85
Promethium
  Chemical element: Q1 .P5
Prominences, Solar: QB526.P7
Prompt neutrons
  Elementary particle physics: QC793.5.P642+
Pronemeniidae: QL430.12.P76
Pronghorn
  Zoology: QL737.U52
Proof systems
  Mathematical logic: QA9.54
Propagation of sound: QC233
Proper motion in space: QB507
Proper motion of stars: QB811
Properties of antimatter: QC173.28+
Properties of matter: QC173.28+
  Atomic physics: QC170+
Prophaethontiformes
  Paleozoology: QE872.P65
Propionibacteriaceae: QR82.P7
Propionic acid
  Microbial metabolism: QR92.P7
Proportion
  Fractions: QA117
Proportional counters
  Nuclear physics: QC787.P69
Propositional calculus
  Mathematical logic: QA9.3
Proprioception
  Physiology: QP454
Proprioceptors: QP454
Propylite: QE462.P7
Proscopiidae: QL508.P7
Prosecretin
  Animal biochemistry: QP572.P75
Prosencephalon
  Anatomy: QL938.P7
  Human embryology: QM695.P76
Proserpinidae: QL430.5.H45
Prosobranchia
  Paleozoology: QE809.P7
Prosopistomatidae: QL505.3.P76
Prostacyclin
  Animal biochemistry: QP752.P69
Prostaglandin synthase
  Animal biochemistry: QP603.P76
Prostaglandins
  Animal biochemistry: QP801.P68
Protactinium
  Chemical element: Q1 .P2
Protagon
  Animal biochemistry: QP752.P7
Protamines
  Animal biochemistry: QP552.P7
Protarthropoda
  Paleozoology: QE821+
Proteaceae: QK495.P957
Proteases
  Animal biochemistry: QP609.P78
Protection of software: QA76.76.P76
Protective adaption
  Plants: QK921+
Protective mechanisms
  Ecology: QH546
Proteidae: QL668.C277
Protein
  Viruses: QR460
Protein binding
  Animal biochemistry: QP517.P76
Protein C
  Blood: QP93.7.P76
Protein disulfide isomerase
  Animal biochemistry: QP616.P76
Protein hormones
  Animal biochemistry: QP572.P77
Protein kinases
  Animal biochemistry: QP606.P76
  Plant constituent: QK898.P79
Protein-protein interactions
  Animal biochemistry: QP551.5
Protein-tyrosine kinase
  Animal biochemistry: QP606.P78
Proteinases
  Animal biochemistry: QP609.P75
Proteins
  Animal biochemistry: QP551+
  Biochemistry: QD431+
  Blood constituents: QP99.3.P7
  DNA-ligand interactions: QP624.75.P74
  Immunology: QR186.6.P38, QR186.6.P76
  Microbial metabolism: QR92.P75
  Plant constituent: QK898.P8
  RNA-ligand interactions: QP623.8.P75
  Spectra: QC463.P7
Protentomidae: QL503.6.P7
Proteoglycans
  Animal biochemistry: QP552.P73
Proteolysis in general
  Animal biochemistry: QP551.6
Proteolytic enzymes
  Animal biochemistry: QP609.P78
  Plant constituent: QK898.P82
Proteomyxida: QL368.P7
Proterhinidae: QL596.P75
Proterozoic
  Paleobotany: QE914.5
  Paleontology: QE724.5
  Stratigraphy: QE653.5
Prothrombin: QP93.5+

Protista
  Microbiology: QR74.5
  Micropaleontology: QE719.6
Proto-planetary nebulae: QB855.5
Protochlorophyllide
  Plant constituent: QK898.P84
Protochordata: QL610+
Protococcida: QL368.P74
Protolepidodendrales
  Paleobotany: QE971
Protomastigida: QL368.P76
Protomonadida: QL368.P76
Proton accelerators: QC787.P7
Proton antiproton colliders: QC787.P73
Proton magnetic resonance spectroscopy: QD96.P7
Proton microscopes: QH212.P7
Proton synchrotron colliders: QC787.P73
Protoneuridae: QL520.3.P7
Protons
  Elementary particle physics: QC793.5.P72+
Protoplasm
  Bacteria: QR76
  Cytology: QH591
Protoplasts
  Bacteria: QR76.3
Protoschizomidae
  Zoology: QL458.692.P75
Protosiphonaceae: QK569.P97
Prototheoridae: QL561.P58
Prototyping
  Computer software: QA76.76.P77
Protozoa
  Paleozoology: QE771+
  Zoology: QL366+
Protozoan diseases vaccines: QR189.5.P76
Protura: QL503.6.A1+
Provincial plants
  Botany: QK84.8+
Prowfishes
  Zoology: QL638.Z36
Proximity matrices
  Algebra: QA195
Proximity spaces
  Topology: QA611.24
Prunellidae: QL696.P266
Prymnesiophyceae: QK569.P974
Psalididae: QL510.3.P8
Psammobiidae: QL430.7.P75
Psechridae: QL458.42.P8
Pselaphidae: QL596.P8
Psephenidae: QL596.P815
Psettodidae: QL638.P8
Pseudidae: QL668.E268
Pseudoanemoniaceae: QK569.P98
Pseudoborniales
  Paleobotany: QE965
Pseudocaecillidae: QL515.2.P73
Pseudochactidae: QL458.72.P75
Pseudocheiridae: QL737.M387
Pseudochromidae: QL638.P84
Pseudococcidae: QL527.P83
Pseudocode (Computer program language): QA76.73.P79
Pseudodifferential operators
  Functional analysis: QA329.7
Pseudogrammidae: QL638.P844
Pseudogroups
  Topology: QA614.97
Pseudomonadaceae: QR82.P78
Pseudomonas aeruginosa infections
  Microbiology: QR201.P74
Pseudomorphism
  Chemical crystallography: QD951
Pseudophenols
  Aromatic compounds: QD341.P6
Pseudoplesiopidae: QL638.P84
Pseudoscience: Q172.5.P77
Pseudoscorpiones: QL458.6+
  Paleozoology: QE826.C5
Pseudoscorpionida: QL458.6+
Pseudosphaeriaceae: QK623.P8
Pseudostigmatidae: QL520.3.P8
Pseudotriakidae: QL638.95.P8
Pseudotuberculosis
  Microbiology: QR201.P75
Pseudouridine
  Animal biochemistry: QP625.P74
Psilidae: QL537.P83
Psilophyta
  Paleobotany: QE960.5
Psilopsida
  Paleobotany: QE960.5
Psilorhynchidae: QL638.P855
Psilotaceae: QK524.P77
Psitaciformes
  Paleozoology: QE872.P7
Psittaciformes: QL696.P7
Psittacosis
  Microbiology: QR201.P8
Psocoptera
  Paleozoology: QE832.P83
  Zoology: QL515+
Psophiidae: QL696.G874
Psoralens
  Animal biochemistry: QP801.P686
Psoroptidae: QL458.2.P8
Psychidae: QL561.P6
Psychodidae: QL537.P85
Psychological aspects
  Computer science: QA76.9.P75
Psychology
  Animals: QL785+
Psychomyiidae: QL518.P8
Psychoneuroendocrinology: QP356.45
Psychophysiology: QP360+

Psychopsidae: QL513.P8
Psychrolutidae: QL638.P88
Psychrometers
  Meteorology: QC916
Psychrophilic bacteria: QR84.7
Psyllidae: QL527.P88
Ptaeroxylaceae: QK495.P9575
Pteracallidae: QL537.P87
Pteridines
  Animal biochemistry: QP801.P69
Pteridophyta: QK520+
  Paleobotany: QE960+
Pteridospermales
  Paleobotany: QE976.4
Pteriidae: QL430.7.P77
Pterinidae
  Paleozoology: QE812.P7
Pterobranchia
  Paleozoology: QE840.5
Pterobryaceae: QK539.P93
Pteroclidae: QL696.C66
  Paleozoology: QE872.P8
Pterolichidae: QL458.2.P85
Pteromalidae: QL568.P94
Pteronarcyidae: QL530.3.P8
Pterophoridae: QL561.P8
Pterophyta
  Paleobotany: QE961
Pteropoda
  Paleozoology: QE809.P8
Pteropodidae: QL737.C575
Pterosauria
  Paleozoology: QE862.P7
Pterostigmatidae: QL568.P945
Pterothysanidae: QL561.P85
Pteroylglutamic acid
  Animal biochemistry: QP772.F6
Pterygosomatidae: QL458.2.P87
Ptilichthyidae: QL638.P9
Ptiliidae: QL596.P83
Ptilonorhynchidae: QL696.P2675
Ptinidae: QL596.P85
Ptiolgonatidae: QL696.P267
Ptomaines
  Animal biochemistry: QP801.P7
Ptycholepiformes
  Paleozoology: QE852.P8
Ptychopariida
  Paleozoology: QE823.P79
Ptychopteridae: QL537.P89
Puberty
  Developmental physiology: QP84.4
Public aquariums: QL78+
Public opinion
  Science: Q172.5.P82
Pucciniaceae: QK627.P97
Puffbirds: QL696.P52
Puffers (Fishes)
  Zoology: QL638.T32
Puffinidae: QL696.P665
Pulicidae: QL599.7.P8
Pullulanase
  Animal biochemistry: QP609.P85
Pulmonary gas exchange
  Physiology: QP124
Pulmonary surfactant
  Animal biochemistry: QP752.P84
Pulmonary system
  Physiology: QP107
Pulmonata
  Paleozoology: QE809.P9
Pulsars: QB843.P8
Pulsating stars: QB838
Pulse height analyzers
  Nuclear physics: QC787.P8
Pulse radiolysis: QD643.P84
Pulsed-field gel electrophoresis: QP519.9.P84
Pumas
  Anecdotes and stories: QL795.P85
Pumping, Optical: QC446.3.O68
Punctuated equilibrium
  Biology: QH398
Punicaceae: QK495.P958
Pupillidae: QL430.5.P9
Pupinidae: QL430.5.P92
Purine nucleotides
  Animal biochemistry: QP625.P87
Purines
  Animal biochemistry: QP801.P8
  Microbial metabolism: QR92.P87
Putoidae: QL527.P93
Pycnodontiformes
  Paleozoology: QE852.P9
Pycnogonida: QL447
Pycnonotidae: QL696.P268
Pycnothelidae: QL458.42.P9
Pyemotidae: QL458.2.P9
Pygidicranidae: QL510.3.P94
Pygidiidae: QL638.T76
Pygmy possums: QL737.M347
Pygopodes: QL696.P586
Pygopodidae: QL666.L27
Pygothripidae: QL598.3.P9
Pyragridae: QL510.3.P97
Pyralidae: QL561.P9
Pyramidal tract
  Neurophysiology: QP370.5
Pyramidellidae: QL430.5.P95
  Paleozoology: QE809.P95
Pyramodontidae: QL638.P97
Pyrenomycetes: QK623.A1
Pyrenulaceae: QK623.P93
Pyrgomorphidae: QL508.P97
Pyrgotidae: QL537.P97

Pyrheliometers: QC912
Pyridine nucleotides
  Animal biochemistry: QP625.P96
Pyridines
  Spectra: QC463.P92
Pyridoxine
  Animal biochemistry: QP772.P9
Pyrimidines
  Animal biochemistry: QP801.P85
Pyrochroidae: QL596.P96
Pyroelectric detectors
  Physics: QC338.5.P95
Pyroelectricity
  Physics: QC595
Pyroglyphidae: QL458.2.P95
Pyrolaceae: QK495.P997
Pyrolysis
  Organic chemistry: QD281.P9
Pyrometers and pyrometry: QC277
Pyromorphidae: QL561.P96
Pyronemataceae: QK623.P95
Pyrophyllite
  Mineralogy: QE391.P8
Pyroxene
  Mineralogy: QE391.P84
Pyroxmangite
  Mineralogy: QE391.P86
Pyrrhocoridae: QL523.P9
Pyrrhotite
  Mineralogy: QE391.P9
Pyrrolizidines
  Animal biochemistry: QP801.P855
  Plant constituents: QK898.P97
Pyruvate carboxylase
  Animal biochemistry: QP619.P87
Pyruvate decarboxylase
  Animal biochemistry: QP613.P9
Pyruvate oxidase
  Animal biochemistry: QP603.P8
Pyruvic acid
  Animal biochemistry: QP801.P86
Pythagorean theorem: QA460.P8
Pythamidae: QL527.P96
Python (Computer program language): QA76.73.P98
Pythonidae: QL666.O67
Pythonomorpha: QE862.L2
Pythons: QL666.O67

Q

Q fever
  Microbiology: QR201.Q2
Q-machines
  Plasma physics: QC718.5.Q17
Q-switching
  Optical instruments: QC373.Q2
Quadratic equations: QA215
Quadratic forms
  Number theory: QA243
Quadratic residues
  Number theory: QA242
Quadratic transformations: QA602
Quadrature
  Infinitesimal geometry: QA626
Quadric surfaces
  Analytic geometry: QA561
Quadruple lenses: QC544.Q3
Quadruplex nucleic acids
  Animal biochemistry: QP625.Q33
Quadrupole moment
  Electric waves: QC665.Q3
Qualitative analysis
  Analytical chemistry: QD81+
  Organic chemistry: QD271.4
Qualitative reasoning
  Artificial intelligence: Q339.25
Quality control
  Analytical chemistry: QD75.4.Q34
  Computer software: QA76.76.Q35
Quantitative analysis
  Analytical chemistry: QD101+
  Organic chemistry: QD271.7
Quantitative data analysis
  Computer science: QA76.9.Q36
Quantitative genetics: QH452.7
Quantitative magnetic resonance
  Biological research: QH324.9.Q35
Quantitative research
  Computer science: QA76.9.Q36
  Scientific research: Q180.55.Q36
Quantum Bayesianism: QC174.17.Q29
Quantum biochemistry
  Animal biochemistry: QP517.Q34
Quantum chemistry: QD462+
Quantum chromodynamics
  Elementary particle physics: QC793.3.Q35
Quantum computers: QA76.889
Quantum cosmology: QB991.Q36
Quantum dots
  Semiconductor physics: QC611.6.Q35
Quantum electrodynamics: QC679+
Quantum electronics: QC685+
Quantum entanglement
  Quantum mechanics: QC174.17.E58
Quantum entropy
  Statistical physics: QC174.85.Q83
Quantum field theory
  Atomic physics: QC174.45+
Quantum flavor dynamics
  Elementary particle physics: QC793.3.Q37
Quantum graphs
  Algebra: QA166.165
Quantum gravity: QC178

Quantum interference
  Quantum mechanics: QC174.17.Q33
Quantum logic
  Algebraic logic: QA10.35
  Quantum mechanics: QC174.17.M35
Quantum maps
  Quantum mechanics: QC174.17.Q35
Quantum measure theory
  Quantum mechanics: QC174.17.M4
Quantum mechanics
  Atomic physics: QC173.96+
Quantum optics: QC446.15+
  Semiconductor physics: QC611.6.Q36
Quantum statistics
  Quantum mechanics: QC174.4+
Quantum teleportation
  Quantum mechanics: QC174.17.Q38
Quantum theory
  Atomic physics: QC173.96+
  Magnetism: QC754.2.Q34
Quantum trajectories
  Quantum mechanics: QC174.17.Q385
Quantum wells
  Solid state physics: QC176.8.Q35
Quarks
  Elementary particle physics: QC793.5.Q252+
Quartic curves: QA567.2.Q35
Quartic surfaces: QA573
Quartz
  Mineralogy: QE391.Q2
  Spectra: QC464.Q37
Quartz in optical instruments: QC376
Quartzite
  Petrology: QE475.Q3
Quasars: QB860
Quasi-particles
  Elementary particle physics: QC793.5.Q32+
Quasi-uniform spaces
  Topology: QA611.25
Quasicrystals
  Atomic physics: QC173.4.Q36
  Crystallography: QD926
Quasigroups
  Algebra: QA181.5
Quasimolecules
  Atomic physics: QC173.4.Q37
Quaternary
  Paleobotany: QE931+
  Paleontology: QE741+, QE741
  Stratigraphy: QE696+
Quaternions
  Matrices
    Algebra: QA196
Question-answering systems
  Computer science: QA76.9.Q4
Queuing theory
  Stochastic processes: QA274.8
Quiet Sun, International Years of the: QC801.4
Quiinaceae: QK495.Q5
Quillfishes: QL638.P9
Quinary system: QA141.8.Q5
Quinoidation
  Organic chemistry: QD281.Q5
Quinoline
  Spectra: QC463.Q5
Quinone
  Spectra: QC463.Q54
Quinones
  Animal biochemistry: QP801.Q5
  Aromatic compounds: QD341.Q4
Quinoproteins
  Animal biochemistry: QP552.Q55
Quintic curves: QA567.2.Q54

R

R (Computer program language): QA76.73.R3
  Mathematical statistics: QA276.45.R3
R Coronae Borealis stars: QB843.R12
R-matrix theory
  Quantum mechanics: QC174.35.R2
R Scuti stars: QB843.R17
Rabbit bots: QL537.C8
Rabbits
  Laboratory manuals: QL813.R3
  Zoology: QL737.L32
Rabbits, Wild
  Anecdotes and stories: QL795.H35
Rabies
  Microbiology: QR201.R3
Rabies vaccines: QR189.5.R3
Racah algebra
  Quantum mechanics: QC174.17.R32
Raccoons
  Anecdotes and stories: QL795.R15
  Zoology: QL737.C26
Rachycentridae: QL638.R3
Racial analysis
  Fishes: QL639.16
Racket (Computer program language): QA76.73.R33
Radar
  Geology: QE33.2.R33
Radar in astronomy: QB480
Radar meteorological stations: QC973.62.A1+
Radar meteorology: QC973.45+
Radial basis functions
  Algebra: QA223
Radial velocities
  Stellar spectroscopy: QB901
Radiants of meteors: QB743
Radiation
  Bacterial physiology: QR97.R3
  Effect on plants: QK757
  Genetic effects: QH465.R3

Radiation
  Geophysics: QC809.R3
  Heat transfer: QC331+
  Physiological effect: QP82.2.R3
  Planets: QB603.R3
  Plasma physics: QC718.5.R3
Radiation calorimeters: QC293.R3
Radiation chemistry: QD625+
Radiation dosimetry
  Nuclear physics: QC795.32.R3
Radiation effects
  Cardiovascular system: QP110.R3
  Cells: QH652+
  Condensed matter physics: QC173.458.R33
  Dielectrics: QC585.7.R3
  DNA: QP624.5.R33
  Heart physiology: QP114.R3
  Nervous system: QP356.5
  Organic chemistry: QD255.5.R33
  Polymers: QD381.9.R3
  Semiconductor physics: QC611.6.R3
  Solid state physics: QC176.8.R3
  Superconductors: QC611.97.R33
  Thin films: QC176.84.R3
  Virology: QR478.R3
Radiation immunology: QR188.5
Radiation measurement
  Quantitative analysis: QD117.R3
Radiation, Nonionizing
  Physiological effect: QP82.2.N64
Radiation physics: QC474+
Radiation pressure
  Sound waves: QC243.3.R3
Radiation properties
  Cells: QH643
Radiation, Stellar: QB817
Radiation, Transmission of
  Geometrical optics: QC389
Radiation, Ultraviolet
  Physiological effect: QP82.2.U4
Radiative capture
  Nuclear astrophysics: QB464.4
  Nuclear interactions: QC794.6.R25
Radiative transfer
  Statistical physics: QC175.25.R3
Radicals
  Animal biochemistry: QP527
Radio astronomy: QB475+
Radio astrophysics: QB462.5
Radio auroras: QC972.5.R3
Radio effects, Solar: QB539.R3
Radio frequency discharges
  Through gases: QC711.8.R35
Radio Galaxies
  Radio astronomy: QB479.55.R34
Radio in science teaching: Q194
Radio interferometers: QB479.3
Radio meteorology: QC972.6+
Radio noise: QC973.4.R3
Radio refractivity
  Radio meteorology: QC973.4.R35
Radio sources: QB479.5+
Radio telescopes
  Astronomy: QB479.2
Radio tracking
  Animals: QL60.4
Radio waves
  Physics: QC676+
  Physiological effect: QP82.2.R33
Radioactivation analysis
  Biological research: QH324.9.R3
  Nuclear chemistry: QD606
Radioactive dating
  Earth age: QE508
Radioactive fallout
  Atmospheric radioactivity: QC913.2.A8
Radioactive minerals
  Mineralogy: QE364.2.R3
Radioactive substances
  Geochemistry: QE516.R15
  Nuclear physics: QC794.95+
Radioactive tracers
  Animal biochemistry: QP519.9.R28
  Ecology: QH541.15.R34
  Freshwater biology: QH96.57.R33
  Nutrition research: QP143.5.R33
Radioactivity
  Nuclear interactions: QC794.6.R3
  Nuclear physics: QC794.95+
  Physics: QC770+
Radiobiology
  Ecology: QH543.5+
Radiobiology, Space: QH328
Radiochemical analysis
  Nuclear chemistry: QD605+
Radiochemical laboratories
  Nuclear chemistry: QD604.8+
Radiochemistry
  Chemistry: QD601+
Radiochromatography
  Analytical chemistry: QD79.C75
Radioecology
  Ecology: QH543.5+
Radiofrequency spectroscopy
  Analytical chemistry: QD96.R3
  Physics: QC454.R3
Radiography
  Heart: QP112.5.R6
Radioimmunoassay
  Animal biochemistry: QP519.9.R3
Radioisotopes
  Physics: QC795.6+
Radiolaria
  Paleozoology: QE773

Radiolarida: QL368.R2
Radioligand assay
  Animal biochemistry: QP519.9.R34
Radiolitidae
  Paleozoology: QE812.R33
Radiometers
  Physics: QC338.5.R3
Radiometry
  Quantitative analysis: QD117.R3
Radiomicrometers
  Physics: QC338.5.R33
Radionuclides
  Radioactive substances: QC795.8.R3
Radium
  Chemical element: Q1 .R1
Radon
  Atmospheric radioactivity: QC913.2.R3
  Chemical element: Q1 .R6
Rafflesiaceae: QK495.R15
Ragfishes: QL638.I23
Railroads
  Microbiology: QR53.5.R34
Rails (Birds): QL696.G876
Rain
  Meteorology: QC924.5+
Rain band spectrum
  Meteorological optics: QC976.R15
Rain forest ecology: QH541.5.R27
Rain forests
  Biogeography: QH86
  Botany: QK938.R34
  Ecology: QH541.5.R27
Rain gauges: QC926
Rain shadows: QC929.R17
Rain without clouds: QC929.R2
Rainbow
  Meteorological optics: QC976.R2
Raindrop size: QC926.24
Raindrops: QC926.24
Rainfall
  Meteorology: QC924.5+
Rainmaking
  Meteorology: QC928.6
Rajidae: QL638.85.R3
Rajiformes: QL638.8+
  Paleozoology: QE852.R35
Rallidae: QL696.G876
Ralliformes
  Paleozoology: QE872.G8
Ramalinaceae: QK585.R35
Raman spectroscopy
  Analytical biochemistry: QP519.9.R36
  Analytical chemistry: QD96.R34
  Physics: QC454.R36
Ramirite
  Mineralogy: QE391.C94
Ramphastidae: QL696.P57
Random dynamical systems
  Topology: QA614.835
Random fields
  Statistical physics: QC174.85.R36
  Stochastic processes: QA274.45
Random graphs
  Algebra: QA166.17
Random matrices
  Algebra: QA196.5
  Statistical physics: QC174.85.R364
Random measures
  Stochastic processes: QA274.46
Random numbers
  Tables: QA276.25
Random operators
  Stochastic analysis: QA274.28
Random sets
  Probabilities: QA273.5
Random walks
  Markov processes: QA274.73
  Statistical physics: QC174.85.R37
Ranellidae: QL430.5.R35
Rangeland ecology: QH541.5.R3
Rangelands
  Ecology: QH541.5.R3
Ranidae: QL668.E27
Ranking
  Mathematical statistics: QA278.75
Ranunculaceae: QK495.R215
Rapateaceae: QK495.R3
Raphidae: QL696.C67
Raphides
  Plant ecology: QK923
Raphidiidae: QL514.9.R35
Raphidioptera
  Zoology: QL514.86+
Raphidophyceae: QK569.R26
Raphignathidae: QL458.2.R36
Raptors
  Zoology: QL677.78
Rare amphibians: QL644.7+
Rare animals: QL81.5+
Rare birds: QL676.7
Rare bryophytes: QK533.4+
Rare earth metals
  Geochemistry: QE516.R2
  Inorganic chemistry: QD172.R2
  Organometallic chemistry: QD411.8.R37
Rare earth ores
  Mineralogy: QE390.2.R37
Rare earth thin films: QC176.9.R37
Rare earths
  Magnetic materials: QC766.R3
  Semiconductor physics: QC611.8.R37
  Spectra: QC462.R2
Rare fishes: QL617.7+

Rare gas solids
  Solid state physics: QC176.8.R35
Rare gases
  Geochemistry: QE516.R23
Rare insects: QL467.8
Rare invertebrates: QL362.45+
Rare mammals: QL706.8+
Rare mollusks: QL405.4+
Rare plants
  Botany: QK86+
Rare reptiles: QL644.7+
Rarefied gas dynamics: QC168.86
Rarefied gases
  Statistical physics: QC175.16.R3
Raspberry Pi: QA76.8.R15
Rat-kangaroos: QL737.M348, QL737.M386
Rat opossums: QL737.M463
Ratardidae: QL561.R3
Rate distortion theory
  Information theory: Q385
Rate processes
  Quantum mechanics: QC174.17.R37
Ratio
  Fractions: QA117
Ratites
  Paleozoology: QE872.R37
Rats: QL737.R666
  Anecdotes and stories: QL795.R2
  Laboratory manuals: QL813.R37
Rawinsondes: QC973.7
Rayleigh scattering: QC427.8.R3
Rays (Fishes): QL638.8+
Razor clams: QL430.7.S6
Reaction mechanisms: QD502.5
Reaction rates
  Animal biochemistry: QP517.R4
Reactive polymers
  Organic chemistry: QD382.R43
Reactivity, Chemical
  Physical chemistry: QD505.5
Reactor physics: QC786.4+
Reading comprehension
  Mathematics teaching: QA20.R43
Reagents
  Analytical chemistry: QD77
  Organic chemistry: QD271.3+
Real-time data processing
  Computer science: QA76.54+
Real variables, Functions of: QA331.5
Realcompact spaces: QA611.234
Realcompactification: QA611.234
Realcompactness: QA611.234
Realism
  Philosophy of science: Q175.32.R42
Reality
  Physics: QC6.4.R42
Rearrangement reactions
  Organic chemistry: QD281.R35
Rearrangements
  Organic chemistry: QD281.R35
Reasoning
  Philosophy of science: Q175.32.R45
Recent Holocene
  Paleobotany: QE931.3
  Paleontology: QE741.3
  Stratigraphy: QE699
Receptacle (Flowers): QK654
Receptor genes, Olfactory: QH447.8.O43
Receptors
  Heart physiology: QP114.R43
Receptors, Neurotransmitter
  Physiology: QP364.7
Receptors, Sensory
  Physiology: QP447+
Recessiveness
  Genetics: QH447.2
Reciprocals
  Tables: QA49
Recirculating electron accelerators: QC787.R43
Reclamation of land
  Effect on plants and animals: QH545.R38
Recognition, Molecular
  Animal biochemistry: QP517.M67
Recombinant antibodies
  Immunology: QR186.87
Recombinant DNA
  Animal biochemistry: QP624.5.R43
Recombinant toxins
  Animal biochemistry: QP632.R43
Recombination
  Semiconductor physics: QC611.6.R43
Recombination mechanisms
  Genetics: QH443+
Recombination of ions
  Electric discharge: QC702.7.R4
Reconciliation
  Animals: QL758.7
Reconstruction
  Graph theory: QA166.24
Recreation areas
  Effect on plants and animals: QH545.R42
Recreations
  Microscopy: QH278.5
  Physics: QC26
Recreations, Mathematical: QA95
Rectification
  Infinitesimal geometry: QA626
Recursion theory
  Mathematical logic: QA9.6+
Recursive arithmetic: QA9.615
Recursive functions
  Mathematical logic: QA9.615
Recurvirostridae: QL696.C473

Red blood cells
  Physiology: QP96+
Red dwarfs: QB843.R4
Red giants: QB843.R42
Red panda: QL737.C214
Redfieldiiformes
  Paleozoology: QE852.R4
Redlichiida
  Paleozoology: QE823.R4
Reduced gravity effects
  Polymers: QD381.9.R43
Reduced gravity environments
  Scientific research: Q180.55.R43
Reduced nicotinamide adenine dinucleotide dehydrogenase
  Animal biochemistry: QP603.R4
Reduction
  Chemistry: QD63.R4
  Organic chemistry: QD281.R4
Reduction of center of earth
  Astronomy: QB155+
Reduction, Star
  Spherical astronomy: QB168
Reductionism
  Philosophy of science: Q175.32.R47
  Physics: QC6.4.R43
Reductones
  Animal biochemistry: QP801.R4
Reduviidae: QL523.R4
Reed warblers: QL696.P2133
Reefs
  Ecology: QH541.5.C7
Refactoring of software
  Computer software: QA76.76.R42
Reflectance spectroscopy
  Analytical chemistry: QD96.R4
  Physics: QC454.R4
Reflection
  Optics: QC425+
  Sound: QC233
Reflectivity
  Crystallography: QD941
Reflectometers: QC425.4
Reflexes
  Central nervous system: QP372+
Reflexes, Cardiogenic
  Physiology: QP114.C37
Reforestation
  Effect on plants and animals: QH545.R44
Refraction
  Optics: QC425.9+
  Radar meteorology: QC973.8.R4
Refraction, Astronomical: QB155+
Refraction, Double
  Optics: QC426.8.D68
Refraction, Eye
  Physiology: QP477
Refractive indices
  Geometrical optics: QC387
Refractivity
  Crystallography: QD941
Refractometers: QC426.4
Refrigerated foods
  Microbiology: QR129.R44
Regalecidae: QL638.R4
Regeneration
  Biology: QH499
  Heart physiology: QP114.R45
  Physiology: QP90.2
  Plant physiology: QK840
Regge trajectories
  Elementary particle physics: QC793.3.R4
Regional anatomy
  Human anatomy: QM531+
  Zoology: QL950.1+
Regional cerebral blood flow
  Physiology: QP108.5.C4
Regression analysis
  Mathematical statistics: QA278.2
Regulation of respiration
  Physiology: QP123
Regulidae: QL696.P27
Reindeer
  Anecdotes and stories: QL795.R4
Reinforcement learning (Machine learning): Q325.6
Reintroduction, Plant: QK86.4
Rejuvenation
  Physiology: QP90
Relapsing fever
  Microbiology: QR201.R45
Relational calculus
  Mathematical physics: QC20.7.R38
Relative motions
  Kinematics: QA841+
Relativistic astrophysics: QB462.65
Relativistic effects
  Quantum chemistry: QD462.6.R42
Relativistic fluid dynamics: QA912
Relativistic kinematics: QA842
Relativistic mechanics: QA808.5
Relativistic thermodynamics: QC311.7
Relativistic wave mechanics: QC174.24.R4
Relativity physics: QC173.5+
Relativity (Statistical physics): QC175.36.R4
Relaxation
  Dielectrics: QC585.7.R4
  Gas dynamics: QC168.85.R45
  Nuclear magnetism: QC762.6.R44
Relaxation methods
  Mathematical physics: QC20.7.R4
  Numerical analysis: QA297.55
Relaxation phenomena
  Atomic physics: QC173.4.R44
  Quantum chemistry: QD462.6.R44

Relaxation spectroscopy
  Analytical chemistry: QD96.R44
Relaxin
  Animal biochemistry: QP572.R46
Reliability
  Computer software: QA76.76.R44
Relict plants
  Botany: QK86.7+
Remizidae: QL696.P272
Remnant vegetation conservation: QK86+
Remnant vegetation management: QK86+
Remoras
  Zoology: QL638.E2
Remote job entry
  Computer science: QA76.9.R45
Remote sensing
  Ecology: QH541.15.R4
  Freshwater biology: QH96.8.R34
  Geochemistry: QE515.5.R45
  Geology: QE33.2.R4
  Nature conservation: QH77.3.R46
  Seismology: QE539.2.R45
  Structural geology: QE501.4.R45
  Volcanoes: QE527.55
Renin
  Animal biochemistry: QP609.R38
Rennin
  Animal biochemistry: QP609.R4
Renormalization
  Mathematical physics: QC20.7.R43
Renormalization theory
  Quantum mechanics: QC174.17.R46
Reoviruses
  Virology: QR414
Reparative processes
  Plant physiology: QK840
Replication
  Virology: QR470
Replication of DNA
  Animal biochemistry: QP624.5.R48
Reporter genes: QH447.8.R47
Representations of graphs: QA166.242
Representations of groups
  Algebra: QA176
Reproduction
  Bacterial physiology: QR86.5
  Biology (General): QH471+
  Birds: QL698.2
  Fishes: QL639.2
  Invertebrates: QL364.15
  Mammals: QL739.23
  Mollusca: QL431.3
  Physiology: QP251+
  Plant physiology: QK825+
  Reptiles and amphibians: QL669.3
Reproductive endocrinology: QP252+
Reproductive immunology
  Physiology: QP252.5
Reproductive interrelation
  Plant ecology: QK925+
Reproductive organs
  Anatomy: QL876+
  Human anatomy: QM401+
  Spermatophytes: QK652+
Reptile watching: QL645.6+
Reptiles
  Paleozoology: QE861+
  Zoology: QL665+
Reptiles and amphibians: QL640+
Requiem sharks: QL638.95.C3
Research
  Algebra: QA159+
    Group theory: QA174.62.C65
  Calculus: QA303.3
  Computer science: QA76.27+
  Elementary geometry: QA461+
  Mathematical statistics: QA276.18+
  Mathematics: QA10.92+
  Moon: QB582.3
  Probabilities: QA273.2+
  Reptiles and amphibians: QL645.6+
  Topology: QA611.17+
Research ships
  Marine biology: QH91.57.R47
Resedaceae: QK495.R4
Reservoir drawdown
  Freshwater biology: QH96.8.R35
Reservoir ecology: QH541.5.R4
Reservoirs
  Ecology: QH541.5.R4
  Effect on plants and animals: QH545.D35
Reservoirs, Volcanic gas
  Geology: QE527.75
Residues
  Number theory: QA244
Resins
  Biochemistry: QD419+
Resistance
  Antibiosis: QR99.5
  Particle dynamics: QA852
Resistance thermometers: QC274
Resisting medium in the solar system: QB505
Resonance
  Nuclear interactions: QC794.6.R4
  Sound vibrations: QC235
Resonance integral
  Nuclear interactions: QC794.6.R4
Resonance ionization spectroscopy
  Physics: QC454.R47
Resonant ultrasound spectroscopy
  Physics: QC454.R5
Respiration
  Biology: QH518

Respiration
  Cells: QH633
  Microbiology: QR89+
  Physiology: QP121+
  Phytochemistry: QK891
Respiratory organs
  Anatomy: QL845+
  Human anatomy: QM251+
  Physiology: QP121+
Respiratory passages
  Anatomy: QL852
Respiratory regulation
  Physiology: QP123
Response to intervention
  Mathematics teaching: QA20.R47
Restionaceae: QK495.R42
Restoration ecology: QH541.15.R45
Restriction enzymes, DNA
  Animal biochemistry: QP609.R44
Reticles
  Optical instruments: QC373.R4
Reticulocytes
  Physiology: QP96.7
Retina
  Neurophysiology: QP479
Retinoids
  Animal biochemistry: QP801.R47
Retortamonadida: QL368.R43
Retracts
  Topology: QA612.5
Retropinnidae: QL638.R48
Retrovirus infections
  Microbiology: QR201.R47
Retroviruses
  Virology: QR414.5+
Reusability
  Computer software: QA76.76.R47
Reverberation
  Sound waves: QC243.3.R4
Reverberation chambers
  Instruments and apparatus: QC668.A54
Reversal of time (Relativity physics): QC173.59.T53
Reverse mathematics: QA9.25+
Reverse transcriptase
  Animal biochemistry: QP606.R48
Reversible computing
  Computer science: QA76.9.R48
Rhabdoviruses
  Virology: QR415
Rhachitomi
  Paleozoology: QE868.R5
Rhacophoridae: QL668.E274
Rhagidiidae: QL458.2.R45
Rhagionidae: QL537.R4
Rhagodidae: QL458.82.R4
Rhamnaceae: QK495.R45
Rhamphichthyidae: QL638.R5
Rhaphidophoridae
  Zoology: QL508.R45
Rheas: QL696.R4
Rheidae: QL696.R4
Rheiformes: QL696.R37+
  Paleozoology: QE872.R4
Rhenium
  Chemical element: Q1 .R4
Rheology
  Animal biochemistry: QP517.R48
  Matter and antimatter: QC189.5+
  Physiology: QP105.15
  Polymers: QD381.9.R48
Rheumatic fever
  Microbiology: QR201.R5
Rheumatism
  Microbiology: QR201.R53
Rheumatoid factor
  Immunology: QR186.83.R48
Rhinatrematidae: QL668.A67
Rhincodontidae: QL638.95.R4
Rhinencephalon
  Anatomy: QL938.R53
Rhinobatidae: QL638.85.R4
Rhinoceroses
  Anecdotes and stories: QL795.R45
  Zoology: QL737.U63
Rhinocerotidae: QL737.U63
Rhinocricidae: QL449.65.R4
Rhinocryptidae: QL696.P273
Rhinogastra: QL458.65+
Rhinolophidae: QL737.C58
Rhinophoridae: QL537.R457
Rhinophrynidae: QL668.E275
Rhinopomatidae: QL737.C585
Rhinoprenidae: QL638.R55
Rhinopteridae: QL638.85.M9
Rhinoteridae: QL537.R458
Rhinotermitidae: QL529.3.R4
Rhinoviruses
  Virology: QR410.2.R45
Rhipiceridae: QL596.R4
Rhipidiaceae: QK621.R5
Rhipiduridae: QL696.P274
Rhipiphoridae: QL596.R485
Rhizobiaceae: QR82.R45
Rhizocephala: QL444.C57
Rhizoctonia: QK625.R4
Rhizomastigida: QL368.R5
Rhizomes
  Plant anatomy: QK646+
Rhizomyidae: QL737.R666
Rhizophagidae: QL596.R5
Rhizophoraceae: QK495.R46
Rhizopoda: QL368.A14
Rho-associated protein kinases
  Animal biochemistry: QP606.R49

Rho GTPases
  Animal biochemistry: QP609.R49
Rhodacaridae: QL458.2.R47
Rhodium
  Chemical element: Q1 .R5
Rhodomelaceae: QK569.R37
Rhodophyceae: QK569.R4
Rhodophyllaceae: QK629.E56
Rhodophyta: QK569.R4
Rhodopidae: QL430.5.R45
Rhodospirillaceae: QR82.R46
Rhodospirillales: QR82.R47
Rhodymeniaceae: QK569.R6
Rhoipteleaceae: QK495.R465
Rhombozoa: QL391.M4
Rhopalidae: QL523.R5
Rhopalomeridae: QL537.R46
Rhopalosomatidae: QL568.R4
Rhyacichthyidae: QL638.R59
Rhyacophilidae: QL518.R4
Rhyacotritonidae: QL668.C278
Rhynchobatidae: QL638.85.R48
Rhynchocephalia: QL666.R4+
  Paleozoology: QE862.R5
Rhynchocoela: QL391.N6
Rhynchonellida
  Paleozoology: QE797.R5
Rhynchonellidae: QL395.8.R5
Rhynochetidae: QL696.G878
Rhyolite: QE462.R4
Rhysodidae: QL596.R57
Rhythm
  Neurophysiology: QP467
Rhythmic movements
  Physiology: QP310.R45
Rhytididae
  Zoology: QL430.5.R48
Rhytidosteidae
  Paleozoology: QE868.R53
Rhytismataceae: QK623.R45
Ribbonfishes: QL638.T69
Ribbonworms: QL391.N6
Riboflavin
  Animal biochemistry: QP772.R5
Ribonucleases
  Animal biochemistry: QP609.R53
Ribonucleate nucleotidyltransferaes
  Animal biochemistry: QP606.R53
Ribonucleic acids
  Animal biochemistry: QP623+
  Organic chemistry: QD434
Ribonucleoside diphosphate reductase
  Animal biochemistry: QP603.R52
Ribonucleosides
  Animal biochemistry: QP625.R53
Ribosomes
  Cytology: QH603.R5
Ribs
  Human anatomy: QM113
Ricaniidae: QL527.R5
Ricciaceae: QK555.R5
Rice
  Nutrition: QP144.R53
Richardiidae: QL537.R5
Ricinidae: QL540.3.R5
Ricinoididae: QL458.67.R5
Ricinulei: QL458.65+
Ricinuleida: QL458.65+
Rickettsiaceae
  Microbiology: QR353.5.R5
Rickettsial diseases
  Microbiology: QR201.R59
Rickettsias
  Microbiology: QR353+
Ridiaschinidae: QL561.R53
Riebeckite
  Mineralogy: QE391.R5
Riemann surfaces: QA333+
Right whales: QL737.C423
Righteye flounders: QL638.P7
Rigid bodies
  Statics: QA831
Rigidity
  Discrete geometry: QA640.77
Ring breaking: QD281.R5
Ring enclosure: QD281.R5
Ring enlargement: QD281.R5
Ring formation
  Organic chemistry: QD281.R5
Ring-opening polymerization: QD281.R5
Ring system of Saturn: QB405
Ring-tailed phalangers
  Anecdotes and stories: QL795.R5
Rings of crystals
  Physical optics: QC445
Rings of planets: QB603.R55
Riodinidae: QL561.R56
Riparian areas in ecology: QH541.5.R52
Ripples, Cosmic: QB991.C64
Risk assessment
  Ecology: QH541.15.R57
Rissoidae: QL430.5.R57
Rivalry, Binocular
  Physiology: QP487.5
River dolphins
  Zoology: QL737.C436
River regulation
  Effect on plants and animals: QH545.R58
Riverweed
  Botany: QK495.P74
RNA
  Editing: QH450.25
RNA interference: QH450.26

RNA-ligand interactions
  Animal biochemistry: QP623.7+
RNA polymerases
  Animal biochemistry: QP606.R53
RNA viruses
  Structure: QR458
  Virology: QR395
Road ecology: QH541.5.R62
Roadrunners
  Zoology: QL696.C83
Roads
  Effect on birds: QL698.26
  Effect on plants and animals: QH545.R62
Roadside ecology: QH541.5.R62
Roatelos: QL696.G85
Robber frogs: QL668.E257
Robberflies: QL537.A85
Roccellaceae: QK585.R7
Rock-forming minerals: QE397
Rock-water interaction
  Petrology: QE431.6.W38
Rockets
  Meteorology: QC879.4+
Rockrose
  Botany: QK495.C5
Rocks
  Botany: QK938.R6
Rocks, Carbonate: QE471.15.C3
Rocks, Metamorphic: QE475.A2+
Rocks, Sedimentary: QE471+
Rocks, Ultrabasic: QE462.U4
Rockslides
  Geology: QE599+
Rocky Mountain spotted fever
  Microbiology: QR201.S65
Rodent bots: QL537.C8
Rodentia: QL737.R6+
  Paleozoology: QE882.R6
Rods in sound vibrations: QC241
Roentgen rays
  Physics: QC480.8+
Roentgenium
  Chemical element: Q1 .R47
Rolled-wing stoneflies: QL530.3.L49
Rollers (Birds): QL696.C73
Romaleidae
  Zoology: QL508.R65
Rondeletiidae: QL638.R65
Ronquils: QL638.B26
Root nodules
  Bacteriology: QR113
Root tubercles
  Plant anatomy: QK644
Roots
  Arithmetic: QA119
  Plant anatomy: QK644
  Theory of equations: QA212
Ropen: QL89.2.R67
Roproniidae: QL568.R6
Roridulaceae: QK495.R468
Rorquals: QL737.C424
Rosaceae: QK495.R78
Rosauridae: QL638.R68
Roscoelite
  Mineralogy: QE391.R7
Rose
  Botany: QK495.R78
Rosensteiniidae: QL458.2.R66
Rossby waves
  Meteorology: QC880.4.R6
Rostratulidae: QL696.C477
Rostroconchia
  Paleozoology: QE814
Rotating fluids
  Celestial mechanics: QB410
  Fluid dynamics: QA925
Rotation groups
  Quantum mechanics: QC174.17.R65
Rotation of crystals
  Crystallography: QD941
Rotation of the earth: QB633
Rotation of the moon: QB585
Rotation of the sun: QB523
Rotavirus infections
  Microbiology: QR201.R67
Rotifera: QL391.R8
Roulettes
  Infinitesimal geometry: QA623
Round fungus beetles: QL596.L35
Round Island boas: QL666.O633
Rounding
  Numerical analysis: QA297.65
Roundoff errors
  Numerical analysis: QA297.7
Roundworms: QL391.N4
Rove beetles: QL596.S75
Royal moths: QL561.C5
RPG (Computer program language): QA76.73.R25
RR Lyrae stars: QB843.R72
Rubella vaccines: QR189.5.R8
Rubella viruses
  Virology: QR416.R8
Rubiaceae: QK495.R85
Rubidium
  Chemical element: Q1 .R3
Rubies
  Mineralogy: QE394.R8
Ruby (Computer program language): QA76.73.R83
Rudista
  Paleozoology: QE812.H573
Rumen
  Microbiology: QR171.R85
Running
  Physiology: QP310.R85

Ruppiaceae: QK495.R956
Rush
  Botany: QK495.J87
Russulaceae: QK629.R87
Rust (Computer program language): QA76.73.R87
Rust flies: QL537.P83
Rust fungi: QK627.A1+
Rutaceae: QK495.R98
Rutelidae: QL596.R8
Ruthenium
  Chemical element: Q1 .R9
  Superconductors: QC611.98.R88
Rutherfordium
  Chemical element: Q1 .R45
Rutile
  Mineralogy: QE391.R88
Rynchopidae: QL696.C479

S

S (Computer program language): QA76.73.S15
S-matrix theory
  Quantum mechanics: QC174.35.S2
Sabiaceae: QK495.S15
Sablefishes
  Zoology: QL638.A567
Sac-winged bats: QL737.C525
Saccharides
  Spectra: QC463.S23
Saccharomyces cerevisiae
  Experimental genetics: QH470.S23
Saccharomycetaceae: QK623.S23
Saccopharyngidae: QL638.S15
Sacrosporida: QL368.T6
Saddlebacks (Birds): QL696.P224
Safety measures
  Biological laboratories: QH323.2
  Chemistry: QD63.5
  Radiation
    For physicists: QC795.32.S3
  Seismology: QE539.2.S34
  Volcanoes: QE527.6
Sagebrush steppes
  Ecology: QH541.5.S18
Sagittariidae: QL696.F38
Sagridae: QL596.S23
Sakis: QL737.P959
Salamanders
  Anecdotes and stories: QL795.S3
  Caudata: QL668.C2+
Salamandridae: QL668.C28
Salangidae: QL638.S18
Saldidae: QL523.S25
Salicaceae: QK495.S16
Salientia: QL668.E2+
Saline water
  Aquatic biology: QH95.9
Saline water conversion plants
  Effect on plants and animals: QH545.S33
Salinity
  Bacterial physiology: QR97.S3
Saliva
  Physiology: QP191
Salivary glands
  Anatomy: QL865
  Human anatomy: QM325
  Physiology: QP188.S2
Salmon
  Zoology: QL638.S2
Salmonella infections
  Microbiology: QR201.S25
Salmonidae: QL638.S2
Salmoniformes: QL637.9.S3
  Paleozoology: QE852.S2
Salt
  Effect on plants: QK753.S3
  Petrology: QE471.15.S2
Salt glands
  Physiology: QP188.S26
Salt lake ecology: QH541.5.S22
Salt lakes
  Ecology: QH541.5.S22
Salt marsh ecology: QH541.5.S24
Salt-marsh plants
  Plant ecology: QK922
Salt marshes
  Botany: QK938.S27
  Ecology: QH541.5.S24
Salt tectonics
  Geology: QE513
Salterellidae
  Paleozoology: QE807.S3
Salticidae: QL458.42.S24
Salts
  Effect on plants: QK753.S32
  Inorganic chemistry: QD189+
  Microbial metabolism: QR92.S3
Salts of organic acids
  Mineralogy: QE389.7
Saltwater aquariums: QL78.5
Saltwater encroachment
  Effect on plants and animals: QH545.S35
Salvadoraceae: QK495.S165
Salviniaceae: QK524.S33
Samarium
  Chemical element: Q1 .S65
Sample introduction
  Analytical chemistry: QD75.4.S24
Sample preparation
  Analytical chemistry: QD75.4.S24
Sampling
  Analytical chemistry: QD75.4.S25
Samsung computers: QA76.8.S25
Samsung Galaxy series smartphones: QA76.8.S25

Sand and gravel industry
  Effect on plants and animals: QH545.S37
Sand barrens
  Botany: QK938.S3
Sand dune ecology: QH541.5.S26
Sand dunes
  Ecology: QH541.5.S26
Sand flounders: QL638.P313
Sand hoppers: QL444.M315
Sand lances: QL638.A4
Sand stargazers: QL638.D35
Sand tigers: QL638.95.O3
Sandalwood
  Botany: QK495.S18
Sandfishes: QL638.T73
Sandgrouses: QL696.C66
Sandperches: QL638.P613
Sandpipers: QL696.C48
Sandstone
  Petrology: QE471.15.S25
Sanitary microbiology: QR48
Santa Ana winds: QC939.M8
Santalaceae: QK495.S18
Sap beetles: QL596.N58
Sap movements
  Phytochemistry: QK871
SAP NetWeaver Gateway: QA76.76.S27
Sapindaceae: QK495.S19
Saponins
  Animal biochemistry: QP702.S28
Sapotaceae: QK495.S2
Sapphires
  Mineralogy: QE394.S3
Sapphirine
  Mineralogy: QE391.S25
Saprolegniaceae: QK621.S24
Saprolegniales: QK621.S25
Saprolites
  Petrology: QE496
Saprophytes
  Plant ecology: QK918
Saprophytic fungi: QK604.2.S25
Sapygidae: QL568.S2
Saraceniaceae: QK495.S24
Sarcocystosis
  Microbiology: QR201.S27
Sarcodina: QL368.A14
Sarcolaenaceae: QK495.S225
Sarcophagidae: QL537.S25
Sarcoplasmic reticulum
  Cytology: QH603.S27
Sarcoptidae: QL458.2.S25
Sarcoscyphaceae: QK623.S26
Sarcosomataceae: QK623.S27
Sarcospermataceae: QK495.S227
Sargassaceae: QK569.S2
Sargentodoxaceae: QK495.S23
SARS (Disease)
  Microbiology: QR201.S28
SAS (Computer program language): QA76.73.S27
  Mathematical statistics: QA276.45.S27
Sasquatch: QL89.2.S2
Satellite DNA
  Animal biochemistry: QP624.5.S26
Satellite geodesy: QB343
Satellites
  Celestial mechanics: QB401+
Satellites and ring system of Neptune: QB407
Satellites of Jupiter: QB404
Satellites of Mars: QB403
Satellites of Pluto: QB408
Satellites of Saturn: QB405
Satellites of Uranus: QB406
Saturated fatty acids
  Animal biochemistry: QP752.S37
Saturated vapors
  Physics: QC304
Saturn (Planet): QB671+
  Perturbations: QB384
  Satellites and ring systems: QB405
Saturniidae: QL561.S2
Satyridae: QL561.S3
Sauria: QL666.L2+
Sauries
  Zoology: QL638.S347
Saurischia
  Paleozoology: QE862.S3
Sauriurae
  Paleozoology: QE872.A8
Sauropterygia
  Paleozoology: QE862.S33
Saururaceae: QK495.S27
Savannas
  Ecology: QH541.5.P7
Saw sharks: QL638.95.P7
Sawfishes: QL638.77+
Sawflies: QL568.T3
Saxifragaceae: QK495.S3
Saxifrage
  Botany: QK495.S3
Saxitoxin
  Animal biochemistry: QP632.S27
SCA statistical system: QA276.45.S28
Scala (Computer program language): QA76.73.S28
Scalar field theory: QA433
Scalariidae: QL430.5.E6
Scales
  Anatomy: QL942
  Shoots: QK650
Scales (Weighing instruments): QC107
Scaling
  Quantum chemistry: QD462.6.S25
  Statistical physics: QC174.85.S34
Scaly-tailed squirrels: QL737.R624

Scandentia: QL737.S25+
  Paleozoology: QE882.S32
Scandium
  Chemical element: Q1 .S4
Scanning Auger electron microscopes: QH212.S24
Scanning electrochemical microscopes: QH212.S28
Scanning electron microscopes: QH212.S3
Scanning force microscopes: QH212.S32
Scanning probe microscopes: QH212.S33
Scanning systems
  Nuclear physics: QC787.S3
Scanning transmission electron microscopes: QH212.S34
Scanning tunneling microscopes: QH212.S35
Scapaniaceae: QK555.S34
Scapanorhynchidae: QL638.95.S3
Scaphidiidae: QL596.S28
Scaphiopodidae: QL668.E33
Scaphopoda: QL430.8
  Paleozoology: QE813
Scapolite
  Mineralogy: QE391.S28
Scarabaeidae: QL596.S3
Scarabs
  Zoology: QL596.S3
Scaridae: QL638.S3
Scarlatina
  Microbiology: QR201.S3
Scatophagidae: QL638.S32
Scatopsidae: QL537.S32
Scats (Fish): QL638.S32
Scattering
  Atomic physics: QC174.52.S32
  Electric discharge: QC702.7.S3
  Electric waves: QC665.S3
  Meteorological optics: QC976.S3
  Nuclear interactions: QC794.6.S3
  Optics: QC427+
  Radio waves: QC676.7.S3
  Sound waves: QC243.3.S3
  X-rays: QC482.S3
Scattering, Critical: QC427.8.C73
Scattering, Mie: QC427.8.M5
Scattering, Rayleigh: QC427.8.R3
Scattering theory
  Mathematical physics: QC20.7.S3
Scelionidae: QL568.S3
Scenedesmaceae: QK569.S32
Scenopinidae: QL537.S34
Scheelite
  Mineralogy: QE391.S3
Scheme (Computer program language): QA76.73.S34
Schendylidae: QL449.55.S25
Scheuchzeriaceae: QK495.S35
Schilbeidae: QL638.S334
Schindleriidae: QL638.S335
Schisandraceae: QK495.S353
Schist
  Petrology: QE475.S3
Schistosomiasis
  Microbiology: QR201.S35
Schizaeaceae: QK524.S35
Schizomida
  Zoology: QL458.69+
Schizomidae
  Zoology: QL458.692.H82
Schizophyceae: QR99.6+
Schizopoda
  Paleozoology: QE817.S3
Schizopteridae: QL523.S3
Schlieren apparatus
  Optical instruments: QC373.S3
Schrödinger operator
  Quantum mechanics: QC174.17.S3
Schungite
  Petrology: QE475.S39
Schwinger action principle
  Quantum mechanics: QC174.17.S32
Sciadoceridae: QL537.S35
Sciadopityaceae: QK494.5.S35
Sciaenidae: QL638.S34
Sciaridae: QL537.S357
Science: Q1+
Science and sociology: Q175.4+
Science and state: Q124.6+
Science and the public: Q225+
Science as a profession: Q147+
Science (Curriculum)
  Secondary education: Q181+
Science experiments: Q182.3
Science experiments at home: Q164
Science experiments for children: Q164
Science fairs: Q182.4
Science indicators: Q172.5.S34
Science information centers: Q223.2+
Science laboratories: Q180.56+
Science museums: Q105.A1+
Science news: Q225+
Science projects: Q182.3
Science readers in English: Q209
Science recreations: Q164
Science secretaries: Q227
Sciences
  Classification: Q177
Scientific atlases: Q161.7
Scientific correspondence: Q227
Scientific curiosa: Q173
Scientific errors: Q172.5.E77
Scientific ethics: Q175.35+
Scientific fraud: Q175.37
Scientific instruments and apparatus: Q184+
Scientific language: Q226
Scientific literature: Q225.5
Scientific voyages and expeditions: Q115+

Scincidae: QL666.L28
Scintillation
  Radio waves: QC676.7.S35
Scintillation counters: QC787.S34
Scintillators
  Radiation physics: QC476.7+
Sciomyzidae: QL537.S365
Sciophilidae: QL537.S367
Scissurellidae: QL430.5.S25
Scitamineae: QK495.A14
Sciuridae: QL737.R68
Sclerodermataceae: QK629.S35
Sclerogibbidae: QL568.S34
Sclerotiniaceae: QK623.S3
Scolecomorphidae: QL668.A68
Scoliidae: QL568.S38
Scolopacidae: QL696.C48
Scolopendrellidae: QL449.85.S25
Scolopendridae: QL449.55.S3
Scolytidae: QL596.S35
Scolytoplatypodidae: QL596.S353
Scomberesocidae: QL638.S347
Scombridae: QL638.S35
Scopelarchidae: QL638.S374
Scopelosauridae: QL638.N5873
Scophthalmidae: QL638.S38
Scopidae: QL696.C58
Scorpaenidae: QL638.S42
Scorpaeniformes: QL637.9.S35
Scorpiones: QL458.7+
Scorpionfishes: QL638.S42
Scorpionflies
  Paleozoology: QE832.M43
  Zoology: QL598.5+
Scorpionida
  Paleozoology: QE826.S4
  Zoology: QL458.7+
Scorpionidae: QL458.72.S3
Scorpions
  General: QL451+
Scraptiidae: QL596.S38
Scratch (Computer program language): QA76.73.S345
Screamers
  Zoology: QL696.A53
Screen savers
  Computer software: QA76.76.S37
Screw pine
  Botany: QK495.P18
Screw theory
  Kinematics: QA841+
Scrophulariaceae: QK495.S43
Scrubbirds: QL696.P218
Scuba diving
  Effect on plants and animals: QH545.S4
Sculpins: QL638.C8
Scutacaridae: QL458.2.S3
Scutelleridae: QL523.S4
Scutigerellidae: QL449.85.S3
Scutigeridae: QL449.55.S37
Scydmaenidae: QL596.S4
Scyliorinidae: QL638.95.S38
Scyphomedusae: QL377.S4
  Paleozoology: QE780
Scyphostegiaceae: QK495.S45
Scyphozoa: QL377.S4
  Paleozoology: QE780
Scytalinidae: QL638.S45
Scythridae: QL561.S35
Scytodidae: QL458.42.S3
Scytonemataceae: QR99.7.S39
Scytopetalaceae: QK495.S47
Scytosiphonaceae: QK569.S36
SDL (Computer program language): QA76.73.S35
Sea basses
  Zoology: QL638.S48
Sea birds
  Zoology: QL678.52+
Sea breezes
  Meteorology: QC939.L37
Sea catfishes: QL638.A755
Sea chubs: QL638.K9
Sea cucumbers: QL384.H7
Sea ecology: QH541.5.S3
Sea-floor spreading: QE511.7
Sea otters
  Anecdotes and stories: QL795.O8
Sea reptiles: QL665.5
Sea salt aerosols
  Meteorology: QC929.S43
Sea serpents: QL89.2.S4
Sea snakes: QL666.O64
Sea urchins: QL384.E2
Seabed ecology: QH541.5.O24
Seaborgium
  Chemical element: Q1 .S55
Seadevils: QL638.C35
Seafood
  Nutrition: QP144.F56
Seahorses
  Zoology: QL638.S9
Seals
  Anecdotes and stories: QL795.S43
  Zoology: QL737.P64
Searobins: QL638.T8
Searsidae: QL638.P63
Seashore biology: QH95.7
Seashore ecology: QH541.5.S35
Seashores
  Botany: QK938.S36
  Ecology: QH541.5.S35
Seasonal habits
  Animal behavior: QL753+
Seasons
  Astronomical geography: QB637.2+

Seasons
  Mars (Planet): QB643.S42
Seawater
  Microbiology: QR106+
Seawater fertilization
  Effect on plants and animals: QH545.S43
Sebaceous glands
  Physiology: QP188.S43
Sebum
  Physiology: QP222
Second messengers
  Animal biochemistry: QP517.C45
  Endocrine glands: QP187.3.S42
Second sound
  Statistical physics: QC175.25.S4
Secondary cosmic rays: QC485.9.S4
Secondary ion emission
  Electric discharge: QC702.7.E4
Secondary ion mass spectroscopy
  Analytical chemistry: QD96.S43
Secretaries
  Science: Q227
Secretarybirds: QL696.F38
Secretin
  Animal biochemistry: QP572.S34
Secretion
  Plant ecology: QK923
Secretions
  Physiology: QP190+
Sectioning of microscope specimens: QH233
Sector focused cyclotrons
  Nuclear physics: QC787.S4
Secular variation
  Geomagnetism: QC828
Security, Computer: QA76.9.A25
Sedge
  Botany: QK495.C997
Sedimentary basins: QE615+
Sedimentary rocks: QE471+
Sedimentary structures
  Petrology: QE472
Sedimentation
  Antigen-antibody reactions: QR187.S4
  Blood physiology: QP99.5.S4
  Geology: QE571+
Sedimentation analysis
  Analytical chemistry: QD79.S4
Sedimentology: QE471+
Sediments, Unconsolidated
  Petrology: QE471.2
Seed
  Reproductive organs or spermatophytes: QK661
Seed beetles: QL596.B7
Seed shrimps: QL444.O8+
Seeds, Fossil: QE996.5
Seedsnipes: QL696.C49
Segmental anatomy: QL950.9
Segmented worms: QL391.A6
Segregation
  Genetics: QH444
Seismic event location: QE539.2.S37
Seismic instruments: QE541
Seismic models: QE539.2.S4
Seismic networks
  Earthquakes: QE540.A2+
Seismic traveltime inversion: QE539.2.S43
Seismic waves: QE538.5
Seismograms: QE541
Seismology
  Geology: QE531+
Seismology, Extraterrestrial: QB455.5
Seismometry: QE541
Selaginellaceae: QK524.S46
Selaginellales
  Paleobotany: QE971
Selection
  Mathematical statistics: QA278.75
Selection, Artificial
  Plants: QK985
Selection, Natural
  Plants: QK985
Selenastraceae: QK569.S43
Selenides
  Mineralogy: QE389.2
Selenium
  Chemical element: Q1 .S5
  Effect on plants and animals: QH545.S45
  Plant constituent: QK898.S45
  Semiconductor physics: QC611.8.S44
Selenium compounds
  Spectra: QC464.S45
Selenomethionine
  Animal biochemistry: QP562.S45
Selenopidae: QL458.42.S44
Seleviniidae: QL737.R682
Self-adaptive software: QA76.76.S375
Self-organization, Geochemical: QE515.5.G45
Self-organizing systems (Science): Q325+
Self-quenching counters
  Nuclear physics: QC787.S45
Self-similar processes
  Stochastic processes: QA274.9
Self-stabilization
  Computer science: QA76.9.S54
Selfish genetic elements: QH447.8.S45
Seligeriaceae: QK539.S46
Semantic computing
  Digital computers: QA76.5913
Semantic networks
  Information theory: Q387.5
Semaphorins
  Animal biochemistry: QP552.S32
Sematuridae: QL561.S44
Semelidae: QL430.7.S43

Semen
  Physiology: QP255
Semiarid regions
  Botany: QK938.S4
Semiconductor lasers: QC689.55.S45
Semiconductor physics: QC610.9+
Semiconductors
  Analytical chemistry: QD139.S44
  Photochemistry: QD730.S35
  Polymers: QD382.S4
Semigroups
  Algebra: QA182
  Quantum mechanics: QC174.17.S36
Semilattices
  Algebra: QA171.49
Semimartingales
  Stochastic processes: QA274.5
Semimetals
  Semiconductor physics: QC611.8.S45
Seminal proteins
  Animal biochemistry: QP552.S35
Semionotiformes
  Paleozoology: QE852.S4
Senescence
  Biology: QH529
  Developmental physiology: QP86
  Plant physiology: QK762.5+
Senoculidae: QL458.42.S45
Sensation
  Physiology: QP431+
Sense of movement
  Physiology: QP454
Sense organs
  Anatomy: QL945+
  Human anatomy: QM501+
  Physiology: QP431+
Senses
  Physiology: QP431+
Sensitization
  Neurophysiology: QP365.2
Sensitized fluorescence: QC477.4
Sensorimotor cortex
  Neurophysiology: QP383.15
Sensory receptors
  Physiology: QP447+
Separation
  Biological research: QH324.9.S4
  Chemistry: QD63.S4
  Polymers: QD381.9.S44
Separation (Technology)
  Animal biochemistry: QP519.9.S45
Sepiida
  Paleozoology: QE807.S4
Sepiidae: QL430.3.S47
Sepiolidae
  Zoology: QL430.3.S49
Sepiolite
  Mineralogy: QE391.M34
Sepsidae: QL537.S4
Septins
  Animal biochemistry: QP552.S37
Septirhynchiidae
  Paleozoology: QE797.S4
Septobasidiaceae: QK626.5
Septobasidiales: QK626.5
Sequences
  Mathematics: QA292
Sequences of integers
  Number theory
    Algebra: QA246.5
Sequential analysis
  Mathematical statistics: QA279.7
Sequential machines
  Algebra: QA267.5.S4
Sequestration, Carbon
  Geochemistry: QE516.C37
Serendipity in science: Q172.5.S47
Sericin
  Animal biochemistry: QP552.S4
Sericostomatidae: QL518.S4
Seriemas: QL696.G827
Series
  Mathematics: QA295
Serine proteinases
  Animal biochemistry: QP609.S47
Serotonin
  Animal biochemistry: QP801.S4
Serpentes
  Paleozoology: QE862.O6
Serpentine
  Mineralogy: QE391.S47
Serpentines
  Botany: QK938.S45
Serpentinite
  Petrology: QE475.S47
Serpents
  Alleged animals: QL89.2.S44
Serranidae: QL638.S48
Serrasalmidae: QL638.C5
Serratia diseases
  Microbiology: QR201.S47
Serritermitidae: QL529.3.S47
Serrivomeridae: QL638.S485
Serropalpidae: QL596.S45
Serum
  Physiology: QP99
Serum albumin
  Blood constituents: QP99.3.A4
Serum-free culture media
  Cytology: QH585.3
Sesiidae: QL561.S47
Sesquiterpene lactones
  Plant constituent: QK898.S48

Sesquiterpenes
  Plant constituent: QK898.S49
Set theory
  Algebra: QA248+
  Statistical physics: QC174.85.S46
Setomorphidae: QL561.T55
Sewage
  Effect on plants and animals: QH545.S49
Sewage sludge
  Effect on plants and animals: QH545.S493
Sex
  Physiology: QP251+
Sex chromosomes
  Cytology: QH600.5
Sex determination
  Physiology: QP278.5
Sex determination, Genetic
  Physiology: QP278.5
Sex determination, Temperature-dependent
  Physiology: QP278.53
Sex differentiation
  Physiology: QP278
Sex hormones
  Animal biochemistry: QP572.S4
Sex linkage
  Genetics: QH445.5
Sex physiology, Female: QP259+
Sex physiology, Male: QP253+
Sex preselection
  Physiology: QP279
Sexadecimal system: QA141.8.S4
Sexagesimal system: QA141.8.S5
Sexual behavior
  Animals: QL761
Sexual orientation
  Animal life: QP81.6
Sexual reproduction
  Biology (General): QH481+
  Plant physiology: QK827+
Sexually transmitted diseases vaccines: QR189.5.S48
Sferics
  Meteorology: QC973.4.A85
Shades and shadows
  Descriptive geometry: QA519
Shadowing systems
  Topology: QA614.84
Shadows
  Descriptive geometry: QA519
Shale
  Petrology: QE471.15.S5
Shape of bacteria: QR75.5
Shape of the moon: QB585
Shape of viruses: QR452
Shareware
  Computer software: QA76.76.S46
Shark attacks: QL638.93
Shark repellents: QL638.93
Sharks
  Anecdotes and stories: QL795.S46
  Laboratory manuals: QL813.F57
  Zoology: QL638.9+
Sharpbills: QL696.P259
Shearwaters: QL696.P665
Sheathbills: QL696.C435
Sheaths
  Plasma physics: QC718.5.S4
Sheaves
  Topology: QA612.36
Shedding of leaves: QK763
Shell stars: QB843.S53
Shellfish
  Microbiology: QR118
Shield bearers (Lepidoptera): QL561.H448
Shield-tailed snakes: QL666.O688
Shigellosis
  Microbiology: QR201.S55
Shikimic acid
  Animal biochemistry: QP801.S44
  Plant constituent: QK898.S55
Shining fungus beetles: QL596.P46
Shock waves
  Gas dynamics: QC168.85.S45
  Plasma physics: QC718.5.W3
Shoebill: QL696.C525
Shoemaker-Levy 9 comet: QB723.S56
Shoot
  Plant anatomy: QK645+
Shore birds
  Zoology: QL678.5+
Shore protection
  Effect on plants and animals: QH545.S498
Shorebugs: QL523.S25
Short-range weather forecasting: QC997.5
Shotgun pellets
  Effect on plants and animals: QH545.S5
Showers
  Cosmic ray physics: QC485.8.S5
Showers, Meteor: QB745+
Showers of miscellaneous matter
  Meteorology: QC929.S5
Shrews: QL737.S75
  Anecdotes and stories: QL795.S47
Shrike vireos: QL696.P294
Shrikes: QL696.P248
Shrimps
  Zoology: QL444.M33
Shrubland ecology: QH541.5.S55
Shrublands
  Botany: QK938.S57
  Ecology: QH541.5.S55
Shrubs
  Botany: QK474.8+
Sialic acid
  Animal biochemistry: QP801.S47

Sialidae
  Zoology: QL514.7.S52
Siamang: QL737.P943
Sicariidae: QL458.42.S5
Sicklefishes: QL638.D73
Sideral time
  Astronomy: QB211
Siderite
  Mineralogy: QE391.S49
Siderites
  Astronomy: QB757+
Siderolites: QB759
Siderophores
  Microbial metabolism: QR92.S53
Siderostats
  Astronomical instruments: QB97
Sierolomorphidae: QL568.S5
Siganidae: QL638.S5
Sigma particles
  Elementary particle physics: QC793.5.H42+
Signal transduction, Cellular
  Animal biochemistry: QP517.C45
Signoretiidae: QL527.S5
Signs, Animal: QL768
Sikhote-Alin meteorite: QB756.S5
Silica
  Dielectrics: QC585.75.S55
Silicates
  Mineralogy: QE389.62+
  Spectra: QC464.S54
Silicoflagellates: QK569.S53
Silicon
  Chemical element: Q1 .S6
  Effect on plants: QK753.S5
  Semiconductor physics: QC611.8.S5
Silicon compounds
  Aliphatic compounds: QD305.S54
Silicon organic compounds
  Analytical chemistry: QD139.S5
Silicon polymers
  Organic chemistry: QD383.S54
Siliculidae: QL430.7.S5
Silk oak
  Botany: QK495.P957
Silktassel bush
  Botany: QK495.G26
Silkworm moths: QL561.B6
Silky flycatchers: QL696.P267
Sillaginidae: QL638.S54
Sillimanite
  Mineralogy: QE391.S5
Silphidae: QL596.S5
Siltstone: QE471.15.S54
Silurian
  Paleobotany: QE917
  Paleontology: QE727
  Stratigraphy: QE661+
Siluridae
  Zoology: QL638.S6
Siluriformes: QL637.9.S5
Silvanidae: QL596.S49
Silver
  Chemical element: Q1 .A3
  Effect on plants and animals: QH545.S55
Silver alloys
  Analytical chemistry: QD137.S5
Silver chloride
  Spectra: QC464.S546
Silver ores
  Mineralogy: QE390.2.S55
Silverbell tree
  Botany: QK495.S9
Silversides: QL638.A8
Silvicolidae: QL537.S54
Silylation
  Organic chemistry: QD281.S5
Simaroubaceae: QK495.S59
Simenchelyidae: QL638.S64
Simian virus 40
  Virology: QR406.2.S56
Simonsiellaceae: QR82.S5
Simulated annealing
  Chemistry: QD39.3.S55
Simulation
  Philosophy of science: Q175.32.S5
Simulation methods
  Animal behavior: QL751.65.S55
  Ecology: QH541.15.S5
Simuliidae: QL537.S55
Simultaneity
  Relativity physics: QC173.59.S56
Simultaneous equations: QA214
Single nucleotide polymorphisms
  Genetics: QH447.63.S56
Singularities
  Mathematical physics: QC20.7.S54
  Meteorology: QC880.4.S56
Sinodendridae: QL596.S53
Siparunaceae: QK495.S62
Siphlonuridae: QL505.3.S5
Siphonaptera
  Paleozoology: QE832.S47
  Zoology: QL599.5+
Siphonariidae: QL430.5.S56
Siphoniulidae: QL449.65.S56
Siphonocladaceae: QK569.S56
Siphonophoridae: QL449.65.S565
Siphonostomatoida: QL444.C79
Sipuncula: QL391.S5
Sirenia
  Paleozoology: QE882.S6
Sirenidae: QL668.C285
Siricidae: QL568.S57
Sironidae: QL458.52.S5

Sisoridae: QL638.S68
Sisyridae: QL513.S65
Site-specific mutagenesis: QH465.5
Sittidae: QL696.P275
Sixgill stingrays: QL638.85.H48
Size effects
  Thin films: QC176.84.S49
Size in visual space perception
  Neurophysiology: QP492
Size of bacteria: QR75.3
Size of raindrops: QC926.24
Size of the sun: QB539.S5
Size of viruses: QR451
Skates (Fishes)
  Zoology: QL638.85.R3
Skeleton
  Anatomy: QL821+
  Human anatomy: QM101+
Skew algebraic curves: QA581
Skiing
  Effect on plants and animals: QH545.S56
Skimmers: QL520.3.L6
Skimmers (Birds): QL696.C479
Skin
  Anatomy: QL941+
  Microbiology: QR171.S5
  Physiology: QP88.5
Skin effect
  Electricity: QC612.S6
Skin, External
  Human anatomy: QM484
Skin glands
  Anatomy: QL943
  Human anatomy: QM491
Skin nerves
  Physiology: QP369+
Skin secretions
  Physiology: QP220+
Skinks
  Zoology: QL666.L28
Skipperflies: QL537.P56
Skippers (Lepidoptera): QL561.H5, QL561.M42
Skipping
  Physiology: QP310.S45
Skuas
  Zoology: QL696.C46
Skull
  Anatomy: QL822
  Human anatomy: QM105
Skunks
  Anecdotes and stories: QL795.S55
  Zoology: QL737.C248
Sky
  Color: QC976.C6
Sky, Southern: QB500.3
Sleep
  Physiology: QP425+
Sleep behavior
  Animal behavior: QL755.3+
Sleeper sharks: QL638.95.D3
Slender blind snakes: QL666.O65
Slide rules (Mathematical instruments): QA73
Slime layers
  Microbiology: QR77.5
Slime molds
  Botany: QK635.A1+
Slit die rheometers: QC189.55.S58
Slit-faced bats: QL737.C565
Sloths
  Anecdotes and stories: QL795.S6
Slow neutrons
  Elementary particle physics: QC793.5.S62+
Slug caterpillar moths: QL561.D25, QL561.L54
Small interfering RNA
  Animal biochemistry: QP623.5.S63
Smallpox
  Microbiology: QR201.S6
Smallpox vaccine: QR189.5.S6
Smectite
  Mineralogy: QE391.S6
Smell
  Physiology: QP458
Smelts
  Zoology: QL638.O84
Smicripidae: QL596.S6
Smilacaceae: QK495.S65
Sminthuridae: QL503.S6
Smoke influences
  Meteorology: QC929.S6
Smoke plumes
  Atmospheric pollutants: QC882.6
Smoky bats: QL737.C53
Smooth affine curves: QA567.2.S56
Smooth muscle
  Physiology: QP321.5
Smoothing
  Numerical analysis: QA297.6
Smut fungi: QK628.A1+
Snailfishes: QL638.C9
Snails: QL430.4+
Snake-birds: QL696.P42
Snake eels: QL638.O633
Snake mackerels: QL638.G4
Snake toxins
  Animal biochemistry: QP632.S65
Snake venoms
  Animal biochemistry: QP632.S65
Snakeflies: QL514.9.R35
Snakes
  Anecdotes and stories: QL795.S65
  Zoology: QL666.O6+
Snapdragon
  Botany: QK495.S43

Snapper
  Zoology: QL638.L9
Sneezing
  Physiology: QP123.8
Snipe eels: QL638.N34
Snipefishes: QL638.C32
Snipeflies: QL537.R4
Snipes: QL696.C48
Snooks: QL638.C34
Snout beetles: QL596.C9
Snow
  Effect on plants: QK754.7.S55
  Freshwater biology: QH100
  Meteorology: QC926.3+
Snow ecology: QH541.5.S57
Snow grooming
  Effect on plants and animals: QH545.S56
Snowmobiles
  Effect on plants and animals: QH545.S6
Soapberry
  Botany: QK495.S19
Soapfishes: QL638.G848
Soapstone
  Petrology: QE475.S6
Social aspects
  Chemistry: QD39.7
  Computers: QA76.9.C66
  Genetics: QH438.7
  Mathematics: QA10.7
  Science: Q175.4+
Social life
  Birds: QL698.3
  Insects: QL496
Social relations
  Animals: QL775
Sociogenomics: QH457.5
Sodium
  Chemical element: Q1 .N2
Sodium fluoride
  Effect on plants: QK753.S57
Sodium halides
  Spectra: QC464.S63
Sodium hydride
  Spectra: QC464.S635
Sodium nitroferricyanide
  Spectra: QC464.S637
Sodium-potassium ATPase
  Animal biochemistry: QP609.S63
Sodium sulfate
  Effect on plants: QK753.S6
Soft computing
  Computer science: QA76.9.S63
Soft condensed matter
  Condensed matter physics: QC173.458.S62
Soft scales
  Zoology: QL527.C6
Softshell turtles
  Zoology: QL666.C587
Software, Computer: QA76.75+
Software ecosystems: QA76.76.S62
Software engineering: QA76.758
Software failures: QA76.76.F34
Software frameworks: QA76.76.S63
Software maintenance: QA76.76.S64
Software measurement: QA76.76.S65
Software patterns: QA76.76.P37
Software reengineering: QA76.758
Software support: QA76.76.S66
Sogonidae: QL449.55.S63
Soil amendments
  Effect on plants and animals: QH545.S63
Soil ecology: QH541.5.S6
Soil erosion
  Effect on plants and animals: QH545.S64
Soil fauna: QL110+
Soil fungi: QR111+
Soil microbiology: QR111+
Soils
  Biogeography: QH84.8
  Microbiology: QR111+
Solanaceae: QK495.S7
Solanine
  Plant constituent: QK898.S64
Solar activity
  Astronomy: QB524+
  Meteorology: QC883.2.S6
Solar atmosphere: QB528
Solar chromosphere: QB528
Solar climate
  Meteorology: QC883.2.S6
Solar compass: QB105
Solar composition: QB539.C6
Solar constant
  Solar radiation: QC912.2.S64
Solar cosmic rays: QC485.9.S6
Solar cycles: QB526.C9
Solar eclipses: QB541+
Solar energetic particles: QB526.S65
Solar flares: QB526.F6
Solar flocculi: QB526.F64
Solar magnetic fields: QB539.M23
Solar neutrinos: QB539.S65
Solar noise storms: QB539.N6
Solar nuclear reactions: QB539.N8
Solar oscillations: QB539.O83
Solar parallax: QB508+
Solar plages: QB526.F64
Solar prominences: QB526.P7
Solar radiation
  Meteorology: QC910.2+
  Sun: QB531
Solar radio effects: QB539.R3

Solar spectrum
  Physics: QC455
Solar system
  Astronomy: QB500.5+
Solar temperature: QB531
Solar-terrestrial relations: QB539.T4
Solar time
  Astronomy: QB211
Solar wind: QB529+
Solar x-rays: QB539.S655
Solaris
  Computer software
    Operating systems: QA76.774.S65
Soldier beetles: QL596.C15
Soldier flies: QL537.S84
Sole
  Zoology: QL638.S7
Soleidae: QL638.S7
Solemyidae: QL430.7.S58
  Paleozoology: QE812.S6
Solemyoida
  Paleozoology: QE812.S62
Solendons: QL737.S74
Solenidae: QL430.7.S6
Solenodontidae: QL737.S74
Solenogasters: QL430.1+
Solenostomidae: QL638.S73
Solid analytic geometry: QA553
Solid geometry: QA475
Solid geometry textbooks: QA457
Solid-liquid interfaces
  Surface chemistry: QD509.S65
Solid state chemistry: QD478
Solid-state physics: QC176+
Solidification
  Physics: QC303
Solidity in visual space perception
  Neurophysiology: QP492
Solids
  Atomic physics: QC176+
  Theoretical chemistry: QD478
  Vaporization: QC309
Solifugae: QL458.8+
  Paleozoology: QE826.S6
Solitaires
  Zoology: QL696.C67
Solitons
  Atomic physics: QC174.26.W28
Solpugida: QL458.8+
Solpugidae: QL458.82.S6
Sols
  Physical chemistry: QD549+
Solubility
  Physical chemistry: QD543
  Polymers: QD381.9.S65
Solution, Heat of
  Physics: QC310
Solution, Theory of
  Physical chemistry: QD540+
Solutions
  Polymers: QD381.9.S65
Solutions, Supersaturated
  Physical chemistry: QD548
Solvent, Universal
  Alchemy: QD26.5.A4
Solvents
  Physical chemistry: QD544+
  Spectra: QC463.S72
Solvidae: QL537.S6
Solvolysis
  Organic chemistry: QD281.S6
Somatic nervous system
  Neurophysiology: QP369+
Somatomedin
  Animal biochemistry: QP552.S65
Somatostatin
  Animal biochemistry: QP572.S59
Somatotropin
  Animal biochemistry: QP572.S6
Somesthesia
  Physiology: QP448+
Sommerfeld polynomial method
  Quantum mechanics: QC174.17.S6
Somniosidae: QL638.95.D3
Song
  Birds: QL698.5
Soniphilidae: QL449.55.S66
Sonneratiaceae: QK495.S74
Sonochemistry
  Chemistry: QD801
Sonoluminescence
  Radiation physics: QC480.2
Sorbitol
  Animal biochemistry: QP702.S6
Sordariaceae: QK623.S6
Soricidae: QL737.S75
Soricomorpha: QL737.S7+
  Paleozoology: QE882.S67
Sound
  Physics: QC221+
Sound, light and heat: QC220+
Sound localization
  Neurophysiology: QP469
Sound production
  Animal behavior: QL765
  Insects: QL496.5
Sound propagation: QC233
Sound waves
  Physics: QC242.8+
Sounding balloons
  Meteorology: QC879.3+
Sour gum
  Botany: QK495.N975
SOURCE (Videotex system): QA76.57.S68

Sources of radiation
  Radiation physics: QC476.S6
Southern sky: QB500.3
Space
  Descriptive astronomy: QB495+
Space and time
  Elementary particle physics: QC793.3.S57
  Relativity physics: QC173.59.S65
Space astronomy: QB136
Space biology
  Biology: QH327+
Space flight
  Effect on plants: QK760
Space microbiology: QR130
Space optics: QB500.26.S67
Space perception
  Physiology: QP443
Space perception, Visual
  Physiology: QP491+
Space plasmas
  Geophysics: QC809.P5
Space radiobiology: QH328
Space sciences
  Descriptive astronomy: QB495+
Spadefishes: QL638.E6
Spaghetti eels: QL638.M675
Spalacidae: QL737.R666
Spallation
  Nuclear physics: QC794.8.S7
Sparassidae: QL458.42.H48
Sparassodonta
  Paleozoology: QE882.M39
Sparattidae: QL510.3.S6
Sparganiaceae: QK495.S745
Sparidae: QL638.S74
Spark chambers
  Nuclear physics: QC787.S55
SPARK (Computer program language): QA76.73.S59
Spark discharge
  Physics: QC703+
Spark spectroscopy
  Physics: QC454.S7
SPARQL (Computer program language): QA76.73.S62
Spatial ecology: QH541.15.S62
Spatial orientation
  Physiology: QP443
Spawning
  Fishes: QL639.2
  Mollusca: QL431.3
Special arc measures
  Geodesy: QB291
Speciation
  Biology: QH380
  Fishes: QL618.2
  Insects: QL468.7
  Mammals: QL708.5
  Mollusca: QL406.7
Speciation
  Reptiles and amphibians: QL645.4
Species diversity
  Ecology: QH541.15.S64
  Marine biology: QH91.8.S64
Specific graving
  Measurement: QC111+
Specific gravity determinations
  Determinative mineralogy: QE369.S6
Specific heat of gases and vapors: QC297
Specific heat of solids and liquids: QC295
Specificity
  Immunology: QR186.9
Specimen catalogs
  Descriptive mineralogy: QE387
  Geology: QE55
Speckle
  Optics: QC427.8.S64
Speckle metrology
  Optical measurements: QC367.3.S64
Spectra
  Auroras: QC972.S6
  Condensed matter physics: QC173.458.S64
  Stellar spectroscopy: QB883
  Superconductors: QC611.97.S64
Spectral geometry: QA614.95
Spectral lines: QC467
Spectral sequences
  Topology: QA612.8
Spectral theory
  Geophysics: QC809.S67
  Mathematical physics: QC20.7.S64
Spectrograph
  Optical instruments: QC373.S7
Spectrometer
  Nuclear physics: QC787.S6
  Optical instruments: QC373.S7
Spectrophotometry
  Animal biochemistry: QP519.9.S58
  Biological research: QH324.9.S53
  Organic chemistry: QD272.S57
  Quantitative analysis: QD117.S64
Spectroscopic observations (Double stars): QB903
Spectroscopy
  Animal biochemistry: QP519.9.S6
  Biological research: QH324.9.S6
  Physics: QC450+
  Planets: QB603.S6
  Plasma physics: QC718.5.S6
  X-rays: QC482.S6
Spectroscopy, Astronomical: QB465
Spectroscopy, Luminescence
  Physics: QC476.6
Spectroscopy of comets: QB780
Spectroscopy of eclipses: QB551
Spectroscopy of meteors: QB785
Spectroscopy of moon: QB770

Spectroscopy of planets: QB775
Spectroscopy of sun: QB551
Spectroscopy, Stellar: QB870+
Spectrum analysis
  Analytical chemistry: QD95+
  Determinative mineralogy: QE369.S65
  Electrochemistry: QD555.6.S65
  Geology: QE33.2.S6
Speech
  Neurophysiology: QP399
  Physiology: QP306
Speed
  Mechanics: QC137.5+
Spelaeogriphacea: QL444.M37
Sperchonidae: QL458.2.S7
Sperm whales
  Zoology: QL737.C435
Spermatogenesis
  Embryology: QL966
  Plant anatomy: QK665
Spermatophyta: QK474.8+
Spermatozoa
  Embryology: QL966
  Immunology: QR186.6.S64
Sphacelariaceae: QK569.S7
Sphaeriaceae: QK623.S73
Sphaeriales: QK623.S76
Sphaeriidae: QL430.7.S65, QL596.S65
Sphaeriodesmidae: QL449.65.S64
Sphaerioidaceae: QK625.S5
Sphaeritidae: QL596.S66
Sphaeroceridae: QL537.S7
Sphaerodactylidae: QL666.L245
Sphaerophoraceae: QK585.S64
Sphaeropsidaceae: QK625.S5
Sphaeropsidales: QK625.S6
Sphaerosepalaceae: QK495.S7455
Sphaerosomatidae: QL596.S68
Sphaerotheridae: QL449.65.S645
Sphagnaceae: QK539.S75
Sphalerite
  Mineralogy: QE391.S65
Sphecidae: QL568.S7
Sphene
  Mineralogy: QE391.S67
Spheniscidae: QL696.S473
Sphenisciformes: QL696.S47+
  Paleozoology: QE872.S4
Sphenocleaceae: QK495.S7456
Sphenodontidae: QL666.R48
Sphenophyllales
  Paleobotany: QE965
Sphenopsida
  Paleobotany: QE965
Spherical astronomy: QB140+
Spherical harmonics
  Mathematical physics: QC20.7.S645
Spherical projection
  Descriptive geometry: QA520
Spherical trigonometry: QA535
Sphincters
  Physiology: QP322
Sphindidae: QL596.S7
Sphingidae: QL561.S7
Sphingolipids
  Animal biochemistry: QP752.S6
Sphinx moths: QL561.S7
Sphyraenidae: QL638.S77
Sphyrnidae: QL638.95.S7
Spicebush
  Botany: QK495.C15
Spider beetles: QL596.P85
Spider mites: QL458.2.T4
Spider monkeys: QL737.P915
Spider wasps: QL568.P6
Spiderflower
  Botany: QK495.C198
Spiders
  General: QL451+
  Zoology: QL458.4+
Spiderwort
  Botany: QK495.C73
Spikefishes: QL638.T695
Spilites: QE462.S65
Spin
  Elementary particle physics: QC793.3.S6
Spin geometry: QA671.5
Spin glasses
  Solid state physics: QC176.8.S68
Spin labels
  Biological research: QH324.9.S62
Spin-lattice relaxation
  Nuclear magnetism: QC762.6.S64
Spin waves
  Nuclear magnetism: QC762.6.S65
Spinal cord
  Anatomy: QL938.S6
  Human anatomy: QM465
  Neurophysiology: QP371
Spinal nerves
  Neurophysiology: QP367
Spine muscles
  Physiology: QP330
Spinel
  Mineralogy: QE391.S68
Spinel group
  Inorganic chemistry: QD172.S6
Spines
  Plant ecology: QK923
  Shoots: QK650
Spinor analysis: QA433
  Mathematical physics: QC20.7.S65
Spinturnicidae: QL458.2.S75
Spiny eels: QL638.N58

Spiny-headed worms: QL391.A2
Spiny rats: QL737.R65
Spiral galaxies: QB858.42
Spiraxidae: QL430.5.S65
Spiriferidae
  Paleozoology: QE797.S7
Spirillaceae: QR82.S6
Spirochaetaceae: QR82.S7
Spirostreptidae: QL449.65.S655
Spirotricha: QL368.A22
Spirulidae: QL430.3.S65
Spittlebugs
  Zoology: QL527.C4
Splachnaceae: QK539.S76
Splashes
  Fluid mechanics: QC156
Spleen
  Anatomy: QL868
  Human anatomy: QM371
  Immunology: QR185.8.S65
  Physiology: QP188.S7
Spline theory
  Algebra: QA224
Spodumene
  Mineralogy: QE391.S7
Spondylidae: QL430.7.S68
Sponges
  Paleozoology: QE775
  Zoology: QL370.7+
Spongillaflies: QL513.S65
Spongiphoridae: QL510.3.S66
Spontaneous mutation
  Genetic mutation: QH464
Spookfishes: QL638.O657
Spoonbills: QL696.C585
  Paleozoology: QE872.T5
Spores
  Microbiology: QR79
Spores, Fossil: QE996
Sporidiales: QK627.8
Sporidiobolaceae: QK627.8
Sporozoa: QL368.A16
Spot tests
  Analytical chemistry: QD98.S6
Spotted fever, Rocky Mountain
  Microbiology: QR201.S65
Spread-winged damselflies: QL520.3.L45
Spreadsheets
  Chemistry: QD39.3.S67
Spring (Season)
  Astronomy: QB637.5
Springback
  Elastic properties: QC191.5.S67
Springhares: QL737.R672
Springs
  Ecology: QH541.5.S65
  Freshwater biology: QH99
Springs
  Zoology: QL147
Springs, Hot
  Geology: QE528
Springtails
  Paleozoology: QE832.C63
Spriobolidae: QL449.65.S65
Spurge
  Botany: QK495.E9
Sputtering
  Solid state physics: QC176.8.S72
Sputtering, Magnetron
  Solid state physics: QC176.8.M34
Spyware: QA76.76.S69
SQL (Computer program language): QA76.73.S67
Squalidae: QL638.95.S84
Squaliformes: QL638.94.S75
Squall lines
  Meteorology: QC880.4.S65
Squalls
  Meteorology: QC880.4.S65
Squamata
  Paleozoology: QE862.S65
  Zoology: QL666.L19+
Square root: QA119
  Tables: QA49
Squares and cubes
  Tables: QA49
Squatinidae: QL638.95.S88
Squeezed light: QC446.3.S67
Squid
  Laboratory manuals: QL813.S69
Squirrel monkeys: QL737.P925
Squirrelfishes: QL638.H64
Squirrels
  Anecdotes and stories: QL795.S7
  Zoology: QL737.R68
St. Johnswort
  Botany: QK495.G87
Stability
  DNA: QP624.5.S73
  Mathematical physics: QC20.7.S68
  Plasma physics: QC718.5.S7
Stability of systems
  Analytic mechanics: QA871
Stable isotope tracers
  Nutrition research: QP143.5.S73
Stable isotopes
  Analytical chemistry: QD75.4.S73
  Ecology: QH541.15.S68
Stachyuraceae: QK495.S76
Stack effect: QC467
Stackhousiaceae: QK495.S765
Staff tree
  Botany: QK495.C385
Stag beetles: QL596.L8

Stagnant water
  Zoology: QL149
Staining
  Microbiology: QR69.S7
  Microscopy: QH237
Stamens
  Plant anatomy: QK658
Standard model
  Nuclear interactions: QC794.6.S75
Standards
  Computer science: QA76.9.S8
  Mathematical physics: QC20.7.S73
Standards and systems of time
  Astronomy: QB223
Standards for software
  Computer science: QA76.76.S73
Standards of length: QC101
Standards of weights and measures: QC100.A2+
Stangeriaceae: QK494.5.S8
Stannite
  Mineralogy: QE391.S73
Stannum
  Chemical element: Q1 .S7
Staphyleaceae: QK495.S77
Staphylinidae: QL596.S75
Staphylococcal infections
  Microbiology: QR201.S68
Staphylococcal protein A
  Microbial metabolism: QR92.S68
Star-branched polymers
  Organic chemistry: QD382.B73
Star catalogs: QB6
Star clusters: QB853+
Star names: QB802
Star occultations: QB392.O3
Star reduction
  Spherical astronomy: QB168
Starbursts: QB806.5
Starch
  Animal biochemistry: QP702.S75
  Organic chemistry: QD320+
  Plant constituent: QK898.S67
Starfishes: QL384.A8
Stargazers: QL638.U7
Stargazers' guides: QB63
Starlings
  Zoology: QL696.P278
Stars
  Astronomy: QB799+
  Color: QB816
  Cosmic ray physics: QC485.8.S8
Stars, New: QB841
Stars, Pulsating: QB838
Stars, Temporary: QB841
Stars, Variable: QB833+
Startle reflex
  Neurophysiology: QP372.6
Starvation
  Physiology: QP138.5
State, Change of
  Physics: QC301+
State plants
  Botany: QK84.8+
Statics
  Analytic mechanics: QA821+
Stationary processes
  Stochastic processes: QA274.3
Statistica
  Mathematical statistics: QA276.45.S83
Statistical astronomy: QB149
Statistical behavior
  Plasma physics: QC718.5.S78
Statistical dynamics
  Atomic physics: QC174.7+
Statistical mechanics
  Atomic physics: QC174.7+
  Elementary particle physics: QC793.3.S77
Statistical methods
  Analytical chemistry: QD75.4.C45
  Animal behavior: QL751.65.S73
  Botany: QK46.5.S7
  Cosmology: QB991.S73
  Ecology: QH541.15.S72
  Freshwater biology: QH96.57.S73
  Genetics: QH438.4.S73
  Geology: QE33.2.S82
  Geometrical and mathematical crystallography: QD919
  Immunology: QR182.2.S7
  Information theory: Q386
  Microbiology: QR72
  Mineralogy: QE364.2.S7
  Nature conservation: QH77.3.S73
  Paleontology: QE721.2.S7
  Seismology: QE539.2.S73
Statistical physics: QC174.7+
Statistical thermodynamics: QC311.5
Statistical weather forecasting: QC996.5
Statistics as a profession: QA276.17
Statistics, Mathematical: QA276+
Staurolite
  Mineralogy: QE391.S75
Steatornithes
  Paleozoology: QE872.S5
Steatornithidae: QL696.C28
Steel alloys
  Analytical chemistry: QD133
Steenrod algebra: QA612.782
Steganopodes: QL696.P4+
  Paleozoology: QE872.P4
Stegocephala
  Paleozoology: QE868.L3
Stegostomatidae: QL638.95.S92
Stellar atmospheres: QB809
Stellar collisions: QB818.5

Stellar diameters: QB818
Stellar distance: QB813
Stellar evolution: QB806
Stellar magnitudes: QB815
Stellar masses: QB814
Stellar mergers: QB818.5
Stellar motion: QB810+
Stellar orbits: QB810+
Stellar oscillations: QB812
Stellar parallax: QB813
Stellar populations
  Distribution: QB819
Stellar spectroscopy: QB870+
Stellar structure: QB808
Stellarators: QC791.77.S7
Stelleroidea
  Paleozoology: QE783.S8
Stem
  Plant anatomy: QK646+
Stem cells
  Cytology: QH588.S83
Stem sawflies: QL568.C373
Stemonaceae: QK495.S78
Stemonitaceae: QK635.S8
Stenochilida: QL458.42.S7
Stenocotidae: QL527.S8
Stenolaemata
  Paleozoology: QE799.S74
Stenomidae: QL561.S8
Stenonite
  Mineralogy: QE391.S77
Stenopelmatidae
  Zoology: QL508.S7
Stephanidae: QL568.S8
Stephanoberycidae: QL638.S785
Stephanocircidae: QL599.7.S8
Steppes
  Ecology: QH541.5.P7
Stercorariidae: QL696.C46
Sterculiaceae: QK495.S8
Stereaceae: QK629.S73
Stereocaulaceae: QK585.S78
Stereochemistry: QD481
  Animal biochemistry: QP517.S83
Stereographic projection
  Structural geography: QE601.3.S83
Stereophyllaceae
  Botany: QK539.S84
Stereoscope
  Optical instruments: QC373.S8
Sterility
  Plant physiology: QK828
Sterilization
  Microbiology: QR69.S75
Sternoptychidae: QL638.S8
Sternopygidae: QL638.S83
Sternum
  Human anatomy: QM113
Steroid-binding proteins
  Animal biochemistry: QP552.S74
Steroid hormones
  Animal biochemistry: QP572.S7, QP752.S7
Steroids
  Animal biochemistry: QP752.S7
  Biochemistry: QD426+
  Microbial metabolism: QR92.S7
  Plant constituent: QK898.S7
  Spectra: QC463.S8
Sterols
  Animal biochemistry: QP752.S75
Stibium
  Chemical element: Q1 .S3
Stichaeidae: QL638.S84
Stichotrematidae: QL599.3.S85
Stichtite
  Mineralogy: QE391.S8
Stick insects
  Paleozoology: QE832.P45
  zoology: QL509.5+
Sticklebacks: QL638.G27
Stictaceae: QK585.S8
Stigmaeidae: QL458.2.S8
Stigonemataceae: QR99.7.S85
Stilbaceae: QK625.S7
Stilbellaceae: QK625.S7
Stilbopterygidae: QL513.S8
Stiliferidae: QL430.5.S74
Stiligeridae: QL430.5.S75
Stilts
  Zoology: QL696.C473
Stingless bees: QL568.A6
Stingrays: QL638.85.D3
Stinkbugs
  Zoology: QL523.P5
Stiphidiidae: QL458.42.S73
Stipules: QK649
Stizidae: QL568.S85
Stochastic analysis: QA274.2+
Stochastic control theory
  System analysis: QA402.37
Stochastic differential equations: QA274.23
Stochastic geometry: QA273.5
Stochastic inequalities
  Mathematical probabilities: QA274.223
Stochastic integral equations: QA274.27
Stochastic integrals: QA274.22
Stochastic partial differential equations: QA274.25
Stochastic processes
  Mathematical physics: QC20.7.S8
  Probabilities: QA274+
  Quantum mechanics: QC174.17.S76
  Statistical physics: QC175.25.S8
Stochastic sequences: QA274.225

Stomach
  Anatomy: QL862
  Human anatomy: QM341
  Microbiology: QR171.S8
  Physiology: QP151
Stomata
  Plant-water relationship: QK873
Stomatopoda: QL444.M375
  Paleozoology: QE817.S8
Stomiatidae: QL638.S86
Stonecrop
  Botany: QK495.C79
Stoneflies
  Paleozoology: QE832.P55
  Zoology: QL530+
Stony-iron meteorites: QB759
Stony meteorites
  Astronomy: QB758+
Stopping power
  Nuclear interactions: QC794.6.S8
Storage rings
  Nuclear physics: QC787.S8
Storks
  Zoology: QL696.C535
Storm petrels: QL696.P64
Storm warnings: QC877
Storms
  Meteorology: QC940.6+
Straight line and circle
  Analytic geometry: QA557
Straight lines
  Plane geometry: QA482
Straminipilous fungi: QK604.2.S86
Strange particles
  Elementary particle physics: QC793.5.S72+
Strasburgeriaceae: QK495.S85
Stratification
  Geology: QE602
Stratified sets
  Differentiable manifolds
    Topology: QA614.42
Stratigraphic correlation: QE652.5+
Stratigraphic paleontology: QE711+
Stratigraphy
  Geology: QE640+
Stratiomyidae: QL537.S84
Stratopause
  Meteorology: QC881.2.S8
Stratosphere
  Meteorology: QC881.2.S8
Stratus clouds: QC921.43.S8
Stream channelization
  Effect on plants and animals: QH545.S8
Stream ecology: QH541.5.S7
Stream plants: QK932.7
Streams
  Ecology: QH541.5.S7
Streams
  Freshwater biology: QH97
  Plants: QK932.7
  Zoology: QL145
Streams of meteors: QB748.2
Streblidae: QL537.S86
Strepsimanidae: QL561.S87
Strepsiptera
  Paleozoology: QE832.S87
  Zoology: QL599+
Streptaxidae: QL430.5.S78
Streptococcaceae: QR82.S78
Streptococcus infections
  Microbiology: QR201.S7
Streptomycetaceae: QR82.S8
Streptomycin
  Organic chemistry: QD377.S8
Streptothricin
  Organic chemistry: QD377.S85
Stress
  Physiological effect: QP82.2.S8
Stretch reflex
  Neurophysiology: QP372.5
Stretching
  Physiology: QP310.S77
Strigidae: QL696.S83
Strigiformes: QL696.S8+
  Paleozoology: QE872.S8
String models
  Nuclear interactions: QC794.6.S85
Stringocephalidae
  Paleozoology: QE797.S8
Strings in sound vibrations: QC241
Strip mining
  Effect on plants and animals: QH545.S84
Stripping voltammetry
  Electrochemical analysis: QD116.V64
Strobilomycetaceae: QK629.S76
Stroboscopes
  Optical instruments: QC373.S85
Stromateidae: QL638.S87
Stromatolites
  Paleontology: QE955
Stromatoporoidea
  Paleozoology: QE779
Strombidae: QL430.5.S8
Strong interactions
  Nuclear physics: QC794.8.S8
Strongly coupled plasmas
  Plasma physics: QC718.5.S83
Strongylophthalmyiidae: QL537.S87
Strongylopsalididae: QL510.3.S8
Strontium
  Chemical element: Q1 .S8
Strophariaceae: QK629.S77
Strophocheilidae: QL430.5.S83

Strophomenida
  Paleozoology: QE797.S89
Strophomenidae
  Paleozoology: QE797.S9
Structural equation modeling
  Mathematical statistics: QA278.3
Structural geology: QE500+, QE601+
Structuralism
  Philosophy of science: Q175.32.S78
Structure
  Biochemistry: QD431.25.S85
  Condensed matter physics: QC173.458.S75
  DNA: QP624.5.S78
  Elementary particle physics: QC793.3.S8
  Nucleic acids: QD433.5.S77
  Polymers: QD381.9.S87
  Stars: QB808
Structure-activity relationships
  Animal biochemistry: QP517.S85
Structured techniques
  Computer science: QA76.9.S84
Struthionidae: QL696.S9
Struthioniformes: QL696.S87+
  Paleozoology: QE872.S9
Study and teaching
  Algebra: QA159+
  Analytic mechanics: QA808.8
  Arithmetic: QA135+
  Calculus: QA303.3
  Computer science: QA76.27+
  Elementary geometry: QA461+
  Mathematical statistics: QA276.18+
  Mathematics: QA10.92+
  Moon: QB582.3
  Probabilities: QA273.2+
  Topology: QA611.17+
Sturgeons
  Zoology: QL638.A25
Sturnidae: QL696.P278
Stygocaridacea: QL444.M378
Stylephoridae: QL638.S88
Stylidiaceae: QK495.S87
Stylodesmidae: QL449.65.S88
Stylophora
  Paleozoology: QE783.S89
Stylopidae: QL599.3.S89
Styracaceae: QK495.S9
Subcellular fractionation
  Cytology: QH585.5.S83
Subconsciousness
  Neurophysiology: QP411
Subduction zones: QE511.46
Subgiant stars: QB843.S85
Subjectivity
  Philosophy of science: Q175.32.S83
Sublimation
  Physics: QC309
Sublittoral ecology: QH541.5.S87
Submarine geology: QE39
Subsidences
  Geology: QE600+
Substance P
  Animal biochemistry: QP552.S9
Substania nigra
  Neurophysiology: QP378.3
Substitution reactions
  Organic chemistry: QD281.S67
Subsurface geology: QE33.2.S9
Subterranean waters
  Zoology: QL118
Subtilisins
  Animal biochemistry: QP609.S93
Subtraction
  Elementary mathematics: QA115
Succinate dehydrogenase
  Animal biochemistry: QP603.S9
Succineidae: QL430.5.S87
Succinic acid
  Animal biochemistry: QP801.S79
  Effect on plants: QK753.S65
Suckers (Fishes): QL638.C27
Sucking lice
  Zoology: QL570+
Sucrose
  Animal biochemistry: QP702.S8
Suctorida: QL368.S9
Sugar
  Microbiology: QR129.S8
  Plant constituent: QK898.S78
Sugar acids
  Animal biochemistry: QP801.S83
Sugars
  Animal biochemistry: QP702.S85
  Effect on plants: QK753.S7
  Microbial metabolism: QR92.S79
  Organic chemistry: QD320+
Suidae: QL737.U58
Sulfantomonites
  Mineralogy: QE389.3
Sulfarsenites
  Mineralogy: QE389.3
Sulfatases
  Animal biochemistry: QP609.S95
Sulfates
  Effect on plants: QK753.S8
  Mineralogy: QE389.66
Sulfides
  Mineralogy: QE389.2
Sulfo salts
  Mineralogy: QE389.3
Sulfobismuthites
  Mineralogy: QE389.3
Sulfonation
  Organic chemistry: QD281.S7

Sulfones
  Aliphatic compounds: QD305.S83
  Aromatic compounds: QD341.S6
Sulfonic acids
  Animal biochemistry: QP801.S85
Sulfonium compounds
  Aromatic compounds: QD341.S8
Sulfotransferases
  Animal biochemistry: QP606.S85
Sulfoxides
  Aromatic compounds: QD341.S6
Sulfur
  Chemical element: Q1 .S1
  Effect on plants: QK753.S84
  Effect on plants and animals: QH545.S9
  Microbial metabolism: QR92.S8
  Plant constituent: QK898.S8
Sulfur compounds
  Effect on plants and animals: QH545.S92
Sulfur derivatives
  Aliphatic compounds: QD305.S84
  Aromatic compounds: QD341.S3
Sulfur dioxide
  Effect on plants: QK753.S85
  Spectra: QC464.S94
Sulfur electrodes: QD572.S95
Sulfur organic compounds
  Spectra: QC463.S9
Sulfuric acid concentrator
  Chemical laboratories: QD54.S8
Sulidae: QL696.P48
Sultriness
  Meteorology: QC981.8.S9
Sum rules
  Quantum mechanics: QC174.17.S77
Summer
  Astronomy: QB637.6
Summer temperatures: QC906
Sun
  Descriptive astronomy: QB520+
  Spectroscopy: QB551
Sun spiders: QL458.8+
Sunbeam snakes: QL666.O694
Sunbirds: QL696.P257
Sunbitterns: QL696.G83
Sundew
  Botany: QK495.D76
Sundials
  Practical astronomy: QB215
Sunfishes: QL638.C3
Sunflower
  Botany: QK495.C74
Sungrebes: QL696.G845
Sunrise
  Time: QB216
Sun's apparent motion: QB374
Sunset
  Time: QB216
Sunshine
  Meteorology: QC910.2+
Sunshine recorders: QC912
Sunspots
  Geomagnetism: QC836
Superantigens
  Immunology: QR186.6.S94
Supercolliders
  Nuclear physics: QC787.S83
Supercomputers: QA76.88
Superconducting magnets
  Physics: QC761.3
Superconducting materials
  Physics: QC611.94+
Superconducting Super Collider: QC787.S83
Superconductivity physics: QC611.9+
Superconductors
  Physics: QC611.94+
Supercooled liquids
  Fluid mechanics: QC145.48.S9
Supercritical fluid chromatography
  Animal biochemistry: QP519.9.S85
Supercritical fluid extraction
  Animal biochemistry: QP519.9.S85
Superelectrophiles
  Organic analysis: QD271.35.E54
Superfluid physics: QC175.4+
Supergiant stars: QB843.S9
Supergravity
  Quantum mechanics: QC174.17.S9
Superheavy elements
  Radioactivity: QC796.2
Superior planets: QB639+
Superlattices
  Semiconductor physics: QC611.8.S86
Superluminal sources
  Radio astronomy: QB479.55.S88
Supermanifolds
  Differentiable manifolds
    Topology: QA614.44
Supermassive stars: QB843.S94
Supernovae: QB843.S95
Superoxide dismutase
  Animal biochemistry: QP603.S94
Superposition
  Quantum mechanics: QC174.17.S78
Superradiance
  Radiation physics: QC476.S86
Supersaturated solutions
  Physical chemistry: QD548
Superstitioniidae: QL458.72.S85
Superstring theories
  Nuclear interactions: QC794.6.S85
Supervised learning
  Cybernetics: Q325.75

Supervolcanoes
  Geology: QE521.5+
Support, Software: QA76.76.S66
Suppressor cells
  Immunology: QR185.8.S96
Suprachiasmatic nucleus
  Neurophysiology: QP383.8
Supramolecular chemistry
  Chemistry: QD875+
Supramolecular organometallic chemistry: QD882
Suprarenal gland
  Anatomy: QL868
  Human anatomy: QM371
Surface active agents
  Spectra: QC463.S94
Surface brightness
  Galaxies: QB857.5.S87
Surface chemistry
  Animal biochemistry: QP517.S87
  Physical chemistry: QD506+
Surface films
  Fresh water: QL142
Surface of the moon: QB591
Surface properties
  Semiconductor physics: QC611.6.S9
  Solid state physics: QC176.8.S8
  Thin films: QC176.84.S93
Surface tension
  Atomic physics: QC183
Surface waves
  Analytic mechanics: QA939
Surfaces
  Atomic physics: QC173.4.S94
  Condensed matter physics: QC173.458.S87
  Infinitesimal geometry: QA631+
  Mineralogy: QE364.2.S87
  Planets: QB603.S95
  Polymers: QD381.9.S97
Surfaces determined by relations of curvature
  Differential geometry: QA645
Surfaces, General theory of: QA641+
Surfbirds: QL696.C43
Surfperches: QL638.E5
Surgeonfishes: QL638.A2
Surgery
  Differential topology: QA613.658
Surgical anatomy
  Human anatomy: QM531+
Surgical microbiology: QR46
Surveys
  Ecology: QH541.15.S95
Survival
  Heart physiology: QP114.I8
Susceptibility
  Magnetism: QC754.2.S8
Suspension feeders
  Zoology
    Water: QL120.5
Suthoras: QL696.P2612
Suture zones: QE511.48
SV40
  Virology: QR406.2.S56
Swallow tanagers: QL696.P28
Swallows
  Zoology: QL696.P247
Swallowtail butterflies: QL561.P2
Swamp ecology: QH541.5.S9
Swamps
  Biogeography: QH87.3
  Botany: QK938.M3
  Ecology: QH541.5.S9
  Zoology: QL114.5
Swans
  Zoology: QL696.A52
Swarm intelligence
  Artificial intelligence: Q337.3
Swarming
  Animals: QL783
Sweat
  Physiology: QP221
Sweat bees: QL568.H3
Sweat glands
  Physiology: QP188.S9
Swedenborg, Emanuel, 1688-1772: Q143.S8
Sweepers
  Zoology: QL638.P34
Sweetleaf
  Botany: QK495.S95
Swift (Computer program language): QA76.73.S95
Swifts
  Zoology: QL696.A552
Swimming
  Physiology: QP310.S95
Swimming bladders
  Anatomy: QL855
Swine
  Anecdotes and stories: QL795.S9
  Laboratory manuals: QL813.P54
Switching theory
  Machine theory: QA268.5
Swordfish
  Zoology: QL638.X5
Syarinidae: QL458.62.S9
Sycamore
  Botany: QK495.P72
Syenite
  Petrology: QE462.S95
Sylvester equations
  Algebra: QA196.7
Sylviidae: QL696.P279
Symbiogenesis
  Biology: QH378

Symbionts
  Plant ecology: QK918
Symbiosis
  Animals: QL756.8
  Ecology: QH548+
  Microbial ecology: QR100.8.S9
Symbiotic stars: QB843.S96
Symbolic dynamics
  Topology: QA614.85
Symmetric functions
  Theory of equations: QA212
Symmetrical fission
  Nuclear fission: QC790.4.S9
Symmetry
  Elementary particle physics: QC793.3.S9
  Group theory: QA174.7.S96
  Quantum mechanics: QC174.17.S9
Symmetry groups
  Quantum chemistry: QD462.6.S94
Symmetry in science: Q172.5.S95
Sympathetic nervous system
  Anatomy: QL939
  Human anatomy: QM471
  Neurophysiology: QP368.5
Sympherobiidae: QL513.S9
Symphyla: QL449.8+
Symphytognathidae: QL458.42.S9
Symplectic and contact topology: QA613.659
Symplectic geometry: QA665
Symplectic manifolds
  Atomic physics: QC174.52.S94
Symplocaceae: QK495.S95
Synancejidae: QL638.S42
Synaphobranchidae: QL638.S892
Synapses
  Neurophysiology: QP364
Synbranchidae: QL638.S893
Synbranchiformes: QL637.9.S9
Synchrocyclotrons
  Nuclear physics: QC787.S85
Synchronization in science: Q172.5.S96
Synchrotron radiation
  Biological research: QH324.9.S95
  Elementary particle physics: QC793.5.E62+
Synchrotrons: QC787.S9
Synchytriaceae: QK621.S9
Synclines
  Geology: QE606.3.S96
Syngnathidae: QL638.S9
Synlestidae: QL520.3.S9
Synneuridae: QL537.S88
Synodontidae: QL638.S96
Synoptic climatology: QC981.7.S8
Synoptic meteorology: QC874+
Synovial fluid
  Physiology: QP246.5
Synteliidae: QL596.S9
Syntexidae: QL568.S96
Synthesis
  Biochemistry: QD431.25.S93
  Heterocyclic and macrocyclic chemistry and compounds: QD400.5.S95
  Organic chemistry
    Carbohydrates: QD322.S95
  Organometallic chemistry: QD411.7.S94
Synthetic antigens
  Immunology: QR186.6.S95
Synthetic vaccines
  Immunology: QR189.2
Synthetonychidae: QL458.52.S9
Synucleins
  Animal biochemistry: QP552.S96
Synxenidae: QL449.65.S95
Syphilis
  Microbiology: QR201.S9
Syringobiidae: QL458.2.S89
Syringophilidae: QL458.2.S9
Syrphidae: QL537.S9
System analysis
  Analytical methods used in the solution of physical problems: QA402+
System design
  Computer science: QA76.9.S88
System failures
  Computer science: QA76.9.F34
System theory
  Science: Q295
Systematics
  Botany: QK95+
  Zoology: QL351+
Systemic system
  Physiology: QP106+, QP106
Systems and standards of time
  Astronomy: QB223
Systems migration
  Computer science: QA76.9.S9
Systems programming
  Digital computers: QA76.66
Systems software: QA76.76.S95

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T cells
  Immunology: QR185.8.T2
T Tauri stars: QB843.T12
T4 bacteriophage: QR342.2.T14
Tabanidae: QL537.T25
Tables, Mathematical: QA47+
Tables of integrals
  Calculus: QA310
Tablet computers: QA76.893
Taccaceae: QK495.T3
Tachardiidae: QL527.K44
Tachinidae: QL537.T28

Tachiniscidae: QL537.T3
Tachyglossidae: QL737.M73
Tachykinins
  Animal biochemistry: QP552.T33
Tachyons
  Elementary particle physics: QC793.5.T32+
Tactite: QE475.T33
Tadpole shrimps: QL444.B86
Taeniodontia
  Paleozoology: QE882.T34
Taeniopterygidae: QL530.3.T3
Tagging
  Reptiles and amphibians: QL645.6+
Tahitocoridae: QL523.T3
Taiga ecology: QH541.5.T3
Taigas
  Botany: QK938.T34
  Ecology: QH541.5.T3
Tail
  Anatomy: QL950.6
Tailed frogs: QL668.E217
Talc
  Mineralogy: QE391.T2
Tallow-wood
  Botany: QK495.O35
Talpidae: QL737.S76
Tamaricaceae: QK495.T35
Tamarins: QL737.P925
Tamarisk
  Botany: QK495.T35
Tanagers: QL696.P282
Tanaidacea: QL444.M38
Tancrediidae
  Paleozoology: QE812.T3
Tannins
  Organic chemistry: QD327
  Plant constituent: QK898.T2
Tantalates
  Mineralogy: QE389.63
Tantalum
  Chemical element: Q1 .T2
Tanyderidae: QL537.T35
Tanypezidae: QL537.T357
Tapaculos: QL696.P273
Taphonomy: QE721.2.F6
Taphrinaceae: QK623.T3
Tapiridae: QL737.U64
Tapirs
  Zoology: QL737.U64
Tarantulas: QL458.42.T5
Tarantulidae: QL458.32.T3
Tardigrada: QL447.5
  Paleozoology: QE823.T2
Targets
  Nuclear physics: QC787.T35
Targioniaceae: QK555.T3
Tarpon
  Zoology: QL638.M33
Tarsiers: QL737.P965
Tarsiidae: QL737.P965
Tarsipedidae: QL737.M3875
Tarsonemidae: QL458.2.T3
Taste
  Physiology: QP456
Taurine
  Animal biochemistry: QP801.T3
Tautomerism
  Physical chemistry: QD471
Taxaceae: QK494.5.T25
Taxales
  Paleobotany: QE977.5
Taxes (Biology): QH514
Taxidermy: QL63
Taxodiaceae: QK494.5.T3
Taxonomy
  Botany: QK95+
  Zoology: QL351+
Tayassuidae: QL737.U59
Tcl (Computer program language): QA76.73.T44
Tea
  Botany: QK495.T4
Teacher training
  Biology: QH315.25
Teaching teams
  Mathematics teaching: QA20.T43
Team teaching
  Mathematics: QA20.T43
Tear glands
  Physiology: QP188.T4
Tears
  Physiology: QP231
Teasel
  Botany: QK495.D56
Technetium
  Chemical element: Q1 .T35
  Effect on plants and animals: QH545.T37
Technical analysis
  Analytical chemistry: QD130+
Technical support
  Computer science: QA76.9.T43
Technique
  Cytology: QH585+
Tectonite: QE475.T43
Teeth
  Anatomy: QL858
  Human anatomy: QM311
  Physiology: QP88.6
Teeth, Fossil: QE846
Teichmüller spaces: QA337
Teiidae: QL666.L285
Tektites
  Mineralogy: QE399

Telechelic polymers
  Organic chemistry: QD382.T44
Telegeusidae: QL596.T16
Telegraph codes
  Astronomy: QB139
Telegraphic codes
  Astronomy: QB139
Teleodesmacea
  Paleozoology: QE812.T34
Teleology
  Nature conservation: QH77.3.T45
Teleostei
  Paleozoology: QE852.O45
Teleportation
  Quantum mechanics: QC174.17.Q38
Teleprocessing monitors
  Computer software: QA76.76.T45
Telescopes
  Astronomy: QB88+
TELETEL (Videotex system): QA76.57.T44
Television
  Mathematics teaching aid: QA19.T4
Television in astronomy: QB125
Television in science teaching: Q196
Teliomycetes: QK626.3+
Tellinidae: QL430.7.T3
  Paleozoology: QE812.T37
Tellurates
  Mineralogy: QE389.66
Tellurides
  Mineralogy: QE389.2
Tellurium
  Chemical element: Q1 .T4
  Semiconductor physics: QC611.8.T44
Tellurium chlorides
  Spectra: QC464.T44
Tellurium ores
  Mineralogy: QE390.2.T42
Tellurometer: QB328.T4
Telmidae: QL458.42.T44
Telomerase
  Animal biochemistry: QP606.T44
Telomere
  Cytology: QH600.3
Telomerization
  Organic chemistry: QD281.P6
Teloschistaceae: QK585.T44
Tempel 1 comet: QB723.T3
Temperate climate: QC993.75+
Temperate forests
  Ecology: QH541.5.T45
Temperate regions
  Biogeography: QH84.3
Temperate zones: QC993.75+
Temperature
  Bacterial physiology: QR97.T4
  Effect on cells: QH653
Temperature
  Effect on plants: QK755+
  Effect on plants and animals: QH545.T4
  Moon: QB588
  Physiological effect: QP82.2.T4
  Physiology: QP451.6
  Sun: QB531
Temperature-dependent sex determination
  Physiology: QP278.53
Temperature effects
  Superconductors: QC611.97.T46
  Virology: QR478.T4
Temperature measurements
  Physics: QC270+
Temperature measuring instruments: QC270+
Temperatures, Summer: QC906
Temperatures, Winter: QC905
Templates, Biochemical
  Animal biochemistry: QP517.B48
Temporal automata
  Algebra: QA267.5.T45
Temporal lobe
  Neurophysiology: QP382.T4
Temporary stars: QB841
Tenascin
  Animal biochemistry: QP552.T37
Tendipedidae: QL537.C456
Tendons
  Human anatomy: QM170
Tendrils
  Physiology: QK773
  Shoots: QK650
Tenebrionidae: QL596.T2
Tengellidae: QL458.42.T45
Tenrecidae: QL737.A357
Tenrecomorpha: QL737.A35+
Tenrecs: QL737.A357
Tensor algebra: QA200+
Tensor analysis: QA433
Tensor products
  Algebra: QA199.5
Tent-caterpillar moths: QL561.L3
Tentaculata: QL380.5.T4+
Tentaculitida
  Paleozoology: QE899.2.T45
Tenthredinidae: QL568.T3
Tenuipalpidae: QL458.2.T36
Tephritidae: QL537.T42
Tephrochronology
  Volcanoes: QE527.56
Tephroite
  Mineralogy: QE391.T3
Teponemataceae: QR82.T7
Terahertz spectroscopy: QC454.T47
Teraponidae: QL638.T27
Teratembiidae: QL539.3.T4

Teratology
  Embryology: QL991
  Human embryology: QM690+
  Plant anatomy: QK664
Teratornis
  Paleozoology: QE872.V9
Terbium
  Chemical element: Q1 .T3
Terebrataliidae: QL395.8.T39
Terebratuladae
  Paleozoology: QE797.T29
Terebratulida
  Paleozoology: QE797.T29
Terebratulidae: QL395.8.T4
Terebridae: QL430.5.T25
Teredinidae: QL430.7.T4
  Paleozoology: QE812.T4
Termatophylidae: QL523.T4
Terminal restriction fragment length polymorphism analysis: QP624.5.T47
Termination
  Computer software: QA76.76.T47
Terminology
  Analytical chemistry: QD71.8
  Biology: QH304.5
  Natural history: QH83.5
Termitaphididae: QL523.T43
Termites
  Paleozoology: QE832.I8
  Zoology: QL529+
Termitidae: QL529.3.T4
Termitoxeniidae: QL537.T447
Termopsidae: QL529.3.T5
Ternary superconductors: QC611.98.T37
Ternary system: QA141.8.T45
Terns
  Zoology: QL696.C46
Terpenes
  Animal biochemistry: QP752.T47
  Biochemistry: QD416+
  Plant constituent: QK898.T4
  Spectra: QC463.T4
Terrariums: QH68
Terrestrial heat flow
  Geophysics: QC809.T38
Terrestrial radiation: QC809.T4
Terrestrial-solar relations: QB539.T4
Territoriality
  Animals: QL756.2
Tersinidae: QL696.P28
Tertiary
  Paleobotany: QE926+
  Paleontology: QE736+
  Stratigraphy: QE691+
Tertiary-Cretaceous boundary
  Stratigraphy: QE689
Tessellation
  Algebra: QA166.8
Test papers
  Analytical chemistry: QD77
  Organic chemistry: QD271.3+
Testacea
  Paleozoology: QE774.T5
Testacellidae: QL430.5.T3
Testacida: QL368.T4
Testes
  Physiology: QP255
Testing of hypotheses
  Mathematical statistics: QA277+
Testing of software: QA76.76.T48
Testosterone
  Animal biochemistry: QP572.T4
Testudinata: QL666.C5+
  Paleozoology: QE862.C5
Testudinidae: QL666.C584
Tetanus
  Microbiology: QR201.T3
Tethinidae: QL537.T448
Tethyidae: QL430.5.T35
Tetrablemmidae: QL458.42.T46
Tetracampidae: QL568.T34
Tetracentraceae: QK495.T355
Tetrachlorodibenzodioxin
  Effect on plants and animals: QH545.T44
Tetracycline
  Organic chemistry: QD377.T45
Tetradymite
  Mineralogy: QE391.T4
Tetragnathidae: QL458.42.T48
Tetragonal systems (Crystallography): QD912
Tetragonuridae: QL638.T3
Tetranychidae: QL458.2.T4
Tetraodontidae: QL638.T32
Tetraodontiformes: QL637.9.T4
  Paleozoology: QE852.T48
Tetras: QL638.C5
Tetratomidae: QL596.T27
Tetrigidae
  Zoology: QL508.T38
Tetrodotoxin
  Animal biochemistry: QP632.T46
Tettigellidae: QL527.C49
Tettigometridae: QL527.T43
Tettigoniidae
  Zoology: QL508.T4
Text editors
  Computer software: QA76.76.T49
Text processing
  Computer science: QA76.9.T48
Textbooks
  Algebra: QA152+
Textbooks, Arithmetic: QA101+
Textbooks, Mathematics: QA36.5+

Textile industry
  Effect on plants and animals: QH545.T45
Th cells: QR185.8.T24
Thaididae
  Paleozoology: QE809.T5
Thalamus
  Anatomy: QL938.T45
  Neurophysiology: QP383.5
Thalassiosiraceae
  Botany: QK569.T47
Thalattosauria
  Paleozoology: QE862.T4
Thallium
  Chemical element: Q1 .T7
  Effect on plants: QK753.T5
Thallium chloride
  Spectra: QC464.T54
Thallus
  Plant anatomy: QK651
Thamnophilidae: QL696.P2816
Thaumaleidae: QL537.T45
Thaumastoscopidae: QL527.T5
Thaumastotheriidae: QL523.T48
Thaumatins
  Animal biochemistry: QP552.T43
Thaumatoxenidae: QL537.T458
Theaceae: QK495.T4
Thecamoebae
  Paleozoology: QE774.T5
Thecidellinidae
  Paleozoology: QE797.T5
Thecodontia
  Paleozoology: QE862.T47
Thelenellaceae: QK585.T48
Thelephoraceae: QK629.T4
Theligonaceae: QK495.T45
Thelotremataceae: QK585.T5
Thelyphonida: QL458.85+
Thelyphonidae: QL458.87.T4
Thelypteridaceae: QK524.T54
Theophrastaceae: QK495.T457
Theoretical astronomy: QB349+
Theoretical chemistry: QD450+
Theory of distributions
  Functional analysis: QA324
    Mathematical physics: QC20.7.T45
Theory of double star systems
  Celestial mechanics: QB421
Theory of errors
  Mathematics: QA275
Theory of functions
  Analysis: QA331+
Theory of solution
  Physical chemistry: QD540+
Theory of tides
  Celestial mechanics: QB414+
Theory of vibrations
  Analytic mechanics: QA865+
Theory of wave motion: QA927
Theraphosidae: QL458.42.T5
Theraponidae: QL638.T27
Therapsida
  Paleozoology: QE862.T5
Therevidae: QL537.T47
Theria
  Paleozoology: QE881
Thericleidae: QL508.T45
Theridiidae: QL458.42.T54
Theridiosomatidae: QL458.42.T55
Thermal analysis
  Analytical chemistry: QD79.T38
  Geology: QE33.2.T45
  Organic chemistry: QD272.T45
  Quantitative analysis: QD117.T4
Thermal analysis, Differential
  Determinative mineralogy: QE369.D5
Thermal diffusivity
  Physics: QC321.7.T55
Thermal electrons
  Elementary particle physics: QC793.5.T37+
Thermal neutrons
  Elementary particle physics: QC793.5.T42+
Thermal pollution
  Effect on plants and animals: QH545.T48
Thermal properties
  Condensed matter physics: QC173.458.T48
  Crystals: QD937
  Gases: QC165.5
  Liquids: QC145.4.T5
  Matter and antimatter: QC192
  Organometallic chemistry: QD411.7.T47
  Petrology: QE431.6.T45
  Polymers: QD381.9.T54
  Radioactive substances: QC795.8.T45
  Semiconductor physics: QC611.6.T4
  Solid state physics: QC176.8.T4
  Superconductors: QC611.97.T54
Thermal radiation: QC331+
Thermionic emission
  Physics: QC701.7+
Thermoascaceae: QK623.T54
Thermobiology
  Biology: QH516
Thermochemistry: QD510+
Thermocouples (Physics): QC274
Thermodynamic equilibrium: QC318.T47
Thermodynamic potentials: QC318.T5
Thermodynamics
  Animal biochemistry: QP517.T48
  Atomic physics: QC173.75.T5
  Cloud physics: QC921.6.T4
  Geochemistry: QE515.5.T46
  Meteorology: QC880.4.T5

Thermodynamics
  Mineralogy: QE364.2.T45
  Physical chemistry: QD504
  Physics: QC310.15+
  Plasma physics: QC718.5.T5
Thermodynamics, Relativistic: QC311.7
Thermodynamics, Statistical: QC311.5
Thermoelasticity
  Analytic mechanics: QA933
Thermoelectricity
  Physics: QC621+
Thermogravimetry
  Analytical chemistry: QD79.T4
Thermoluminescence
  Radiation physics: QC479
Thermomagnetism
  Physics: QC761.8
Thermometers
  Physics: QC270+
Thermometry
  Physics: QC270+
Thermophilic bacteria: QR84.8
Thermopiles: QC274
Thermoreceptors: QP451.6
Thermoregulation
  Physiology: QP135
Thermoresponsive polymers
  Organic chemistry: QD382.T46
Thermosbaenacea: QL444.M384
Thermosphere
  Meteorology: QC881.2.T4
Thermostats
  Chemical laboratories: QD54.T4
Theta functions: QA345
Thiamin pyrophysphate-dependent enzymes
  Animal biochemistry: QP601.8
Thiamine
  Animal biochemistry: QP772.T5
  Effect on plants: QK753.T53
Thiaridae: QL430.5.T45
Thick-knees: QL696.C428
Thickness measurement: QC102.5
Thigmotrichida: QL368.T5
Thin film superconductors: QC611.98.T55
Thin films
  Solid state physics: QC176.82+
Thin films in optical instruments: QC378
Thin layer chromatography
  Analytical chemistry: QD79.C8
  Animal biochemistry: QP519.9.T55
  Organic chemistry: QD272.C45
  Quantitative analysis: QD117.C52
Thin sections
  Petrology: QE434
Thinocoridae: QL696.C49
Thio compounds
  Aliphatic compounds: QD305.T45
Thioctic acid
  Animal biochemistry: QP772.T54
Thiocyanates
  Animal biochemistry: QP801.T4
Thiols
  Animal biochemistry: QP801.M37
  Radiation chemistry: QD651.M38
Thioredoxin
  Animal biochemistry: QP552.T45
Thioureas
  Effect on plants: QK753.T55
Thirst
  Physiology: QP137+
Thixotropy: QC189.8
Thomas-Fermi theory
  Atomic physics: QC173.4.T48
Thomisidae: QL458.42.T56
Thomson effect: QC621+
Thoracica: QL444.C58
Thorax
  Regional anatomy: QM541
Thorictidae: QL596.T35
Thorium
  Chemical element: Q1 .T5
  Magnetic materials: QC766.T56
Thorium ores
  Mineralogy: QE390.2.T45
Thorns
  Shoots: QK650
Thraciidae: QL430.7.T47
Thrashers: QL696.P25
Thraupidae: QL696.P282
Thraustochytriaceae: QK621.T45
Threadfins: QL638.P75
Threads
  Computer software: QA76.76.T55
Three body problem
  Theoretical astronomy: QB362.T5
Three-dimensional imaging
  Biological research: QH324.9.T45
Three-toed tree sloths: QL737.E22
Threonine
  Animal biochemistry: QP562.T5
Thresher sharks: QL638.95.A4
Threskiornithidae: QL696.C585
  Paleozoology: QE872.T5
Thripidae: QL598.3.T4
Thrips
  Paleozoology: QE832.T5
  Zoology: QL598+
Thrombin: QP93.5+
Thrombocytes
  Immunology: QR185.8.P58
Thrombomodulin
  Blood: QP93.7.T45
Thromboplastin: QP93.5+

Thrombospondins
  Animal biochemistry: QP552.T47
Throscidae: QL596.T4
Thrushes: QL696.P288
Thryonomyidae: QL737.R686
Thuathe meteorite: QB756.T58
Thulium
  Chemical element: Q1 .T8
Thunderstorms: QC968+
Thurniaceae: QK495.T46
Thy-1 antigen
  Immunology: QR186.6.T48
Thyasidae: QL458.2.T5
Thyatiridae: QL561.T46
Thylacine: QL737.M336
  Anecdotes and stories: QL795.T47
Thylacinidae: QL737.M336
Thylacomyidae (Bilbies): QL737.M478
Thymelaeaceae: QK495.T48
Thymic hormones
  Animal biochemistry: QP572.T46
Thymus
  Immunology: QR185.8.T48
Thymus gland
  Anatomy: QL868
  Physiology: QP188.T5
Thynnidae: QL568.T4
Thyreophoridae: QL537.T49
Thyrididae: QL561.T48
Thyroglobulin
  Animal biochemistry: QP552.T5
Thyroid gland
  Anatomy: QL868
  Human anatomy: QM371
  Physiology: QP188.T54
Thyroid hormones
  Animal biochemistry: QP572.T5
Thyronines
  Animal biochemistry
    Hormones: QP572.T5
Thyroprotein
  Animal biochemistry: QP552.T55
Thyropteridae: QL737.C59
Thyrotropin
  Animal biochemistry: QP572.T55
Thyrotropin releasing factor
  Animal biochemistry: QP572.T56
Thyroxine
  Animal biochemistry: QP563.T5
    Hormones: QP572.T5
Thysanoptera
  Paleozoology: QE832.T5
  Zoology: QL598+
Thysanura: QL503.8.A1+
Tidal flat ecology: QH541.5.T53
Tidal flats
  Ecology: QH541.5.T53
Tidal pool ecology: QH541.5.S35
Tidal pools
  Ecology: QH541.5.S35
Tide marshes
  Botany: QK938.S27
Tide theory
  Celestial mechanics: QB414+
Tidemarsh ecology: QH541.5.S24
Tidemarshes
  Ecology: QH541.5.S24
  Zoology: QL114
Tides, Theory of
  Celestial mechanics: QB414+
Tiger beetles: QL596.C56
Tiger moths: QL561.A8
Tigers
  Anecdotes and stories: QL795.T5
Tilefishes: QL638.B83
Tiliaceae: QK495.T5
Tiling
  Algebra: QA166.8
Tilletiaceae: QK628.T5
Tillite: QE471.15.T5
Tillodontia
  Paleozoology: QE882.C84
Timaliidae: QL696.P285
Timber beetles: QL596.L94
Time
  Philosophy of science: Q175.32.T56
  Practical astronomy: QB209+
Time dilatation (Relativity physics): QC173.59.T5
Time, Equation of
  Astronomy: QB217
Time, Finding the
  Astronomy: QB213
Time measuring instruments
  Astronomy: QB214
Time perception
  Physiology: QP445
Time-resolved spectroscopy
  Animal biochemistry: QP519.9.T59
Time reversal (Relativity physics): QC173.59.T53
Time series analysis
  Mathematical statistics: QA280
Time service
  Astronomy: QB210.A1+
Time-sharing data processing: QA76.53
Time signals
  Astronomy: QB221
Time standards
  Astronomy: QB223
Time systems
  Astronomy: QB223
Timmiaceae: QK539.T58
Tin
  Chemical element: Q1 .S7

Tin compounds
  Effect on plants and animals: QH545.T55
Tin ores
  Mineralogy: QE390.2.T48
Tinamidae: QL696.T4
Tinamiformes: QL696.T37+
  Paleozoology: QE872.T56
Tinamous: QL696.T4
Tindariidae: QL430.7.T55
Tineidae: QL561.T55
Tineodidae: QL561.T56
Tingidae: QL523.T5
Tingupidae: QL449.65.T56
Tintinnida: QL368.T55
  Paleozoology: QE774.T55
Tiphiidae: QL568.T5
Tipulidae: QL537.T6
Tischeriidae: QL561.T58
Tissue remodeling
  Biology: QH491+
Tissue-specific antigens
  Immunology: QR186.6.T57
Tissues
  Physiology: QP88+
Titanates
  Dielectrics: QC585.75.T58
  Mineralogy: QE389.62+
Titanium
  Chemical element: Q1 .T6
Titanium group
  Inorganic chemistry: QD172.T52
Titanium ores
  Mineralogy: QE390.2.T5
Titis: QL737.P959
Titmice: QL696.P2615
Toadfishes: QL638.B3
Toads
  Zoology: QL668.E2+
Tobacco
  Animal biochemistry: QP801.T57
Tobacco mosaic virus
  Experimental genetics: QH470.T6
Tocopherol
  Animal biochemistry: QP772.T6
Todaridae: QL638.T55
Todidae: QL696.C78
Todies: QL696.C78
Togaviruses
  Virology: QR415.5
Tolerance
  Immunology: QR188.4
Tolerance regions
  Mathematical statistics: QA276.74
Tolylenediamine
  Animal biochemistry: QP801.T6
Tomaspididae: QL527.T6
Tomatoes
  Microbiology: QR129.T65
Tomoceridae: QL503.T6
Tomography, Optical
  Physics: QC449.5
Tone perception
  Neurophysiology: QP465
Tongue
  Anatomy: QL946
  Human anatomy: QM503
Tongue worms: QL447.3
Tonguefishes: QL638.C93
Tonnidae: QL430.5.T63
Tonsils
  Anatomy: QL861
  Human anatomy: QM331
Tonsteins: QE471.15.T64
Toothbrush tree
  Botany: QK495.S165
Toothed whales: QL737.C43+
Top
  Rigid dynamics: QA862.T7
Topaz
  Mineralogy: QE391.T6
Topoclimatology: QC981.7.T64
Topographical anatomy
  Human anatomy: QM531+
  Zoology: QL950.1+
Topological algebras: QA326
Topological defects
  Cosmology: QB991.T67
Topological dynamics: QA611.5
Topological graph theory
  Algebra: QA166.195
Topological groups
  Analysis: QA387
Topological linear spaces
  Functional analysis: QA322
Topological manifolds: QA613.2
Topological transformation groups: QA613.7
Topology: QA611+
  Mathematical physics: QC20.7.T65
  Physical chemistry: QD455.3.T65
Tornadoes: QC955+
Tornidae: QL430.5.T65
Toroidal harmonics: QA411
Torpedinidae: QL638.875.T6
Torpediniformes: QL638.87+
Torpedo electric rays
  Fishes: QL638.875.T6
Torsion
  Analytic mechanics: QA934
  Plant movement: QK773
Tortoises
  Zoology: QL666.C584
Tortricidae: QL561.T8

Torulosis
  Microbiology: QR201.T5
Torymidae: QL568.T6
Toucans
  Zoology: QL696.P57
Touch
  Physiology: QP451
Touch-me-not
  Botany: QK495.B25
Touracos
  Zoology: QL696.C85
Tourmaline
  Mineralogy: QE391.T7
Tovariaceae: QK495.T6
Toxicity testing
  Ecology: QH541.15.T68
Toxicology
  Aquatic biology: QH90.8.T68
Toxins
  Animal biochemistry: QP631+
  Immunology: QR186.6.T6
Toxodontia
  Paleozoology: QE882.U8
Toxoids
  Immunology: QR186.6.T65
Toxopidae: QL458.42.T6
Toxoplasmida: QL368.T6
Toxoplasmosis
  Microbiology: QR201.T53
Toxotidae: QL638.T6
Trace elements
  Analytical chemistry: QD139.T7
  Animal biochemistry: QP534
  Blood constituents: QP99.3.T72
  Effect on plants: QK753.T7
  Effect on plants and animals: QH545.T7
  Geochemistry: QE516.T85
  Spectra: QC462.T85
Trace fossils: QE720.5
Tracer techniques
  Immunology: QR183.2
  Nuclear chemistry: QD607
Tracers
  Biological research: QH324.3+
  Radioactive substances: QC798.T7
Trachea
  Anatomy: QL854
  Human anatomy: QM257
  Physiology: QP125
Tracheae
  Arthropoda: QL847
Trachichthyidae: QL638.T68
Trachinidae: QL638.T685
Trachipteridae: QL638.T69
Trachoma
  Microbiology: QR201.T54
Trachyte: QE462.T73
Trachytidae: QL458.2.T7
Tracks
  Elementary particle physics: QC793.3.T67
Tracks, Animal: QL768
Tracks, Dinosaur: QE861.6.T72
Trade winds
  Meteorology: QC939.T7
Tradescantia
  Experimental genetics: QH470.T68
Tragulidae: QL737.U595
Trajectories
  Quantum mechanics: QC174.17.Q385
Trans fatty acids
  Animal biochemistry: QP752.T63
Trans-Neptunian objects: QB694+
Transaction systems
  Digital computers: QA76.545
Transactional interpretation
  Quantum mechanics: QC174.17.T67
Transaminases: QP606.A43
Transborder data flow
  Computer science: QA76.9.T7
Transcendental curves
  Infinitesimal geometry: QA628
Transcendental functions
  Analysis: QA353.T7
  Curves and surfaces: QA605
Transcendental numbers
  Algebra: QA247.5
Transcendental surfaces
  Infinitesimal geometry: QA638
Transcription
  Genetic regulation: QH450.2
Transcription factors
  Animal biochemistry: QP552.T68
Transduction
  Genetics: QH448.3
Transfer factor
  Immunology: QR185.8.T67
Transfer learning
  Cybernetics: Q325.787
Transfer RNA
  Animal biochemistry: QP623.5.T73
Transferases
  Animal biochemistry: QP605+
Transferrin
  Animal biochemistry: QP552.T7
Transfinite numbers
  Algebra: QA248+
Transformation
  Genetics: QH448.4
  Virology: QR472
Transformations
  Quantum mechanics: QC174.17.T7
Transformations for algebraic configurations: QA601+
Transforming growth factors
  Animal biochemistry: QP552.T72

Transgenic animals
  Biology: QH442.6
Transgenic organisms
  Biology: QH442.6
Transglutaminases
  Animal biochemistry: QP606.T73
Transit circle
  Astronomical instruments: QB101
Transit instruments: QB105
Transit of Mercury: QB515
Transit of Venus: QB509+
Transit out of meridian
  Astronomical instruments: QB103
Transition metal compounds
  Photochemistry: QD730.T73
Transition metal oxides: QC611.98.T73
Transition metals
  Inorganic chemistry: QD172.T6
  Organometallic chemistry: QD411.8.T73
  Spectra: QC462.T86
Transition temperature
  Superconductors: QC611.97.T46
Transitions
  Nuclear interactions: QC454.N8
Transits, Prediction of: QB175+
Transketolase
  Animal biochemistry: QP606.T75
Translating
  Ecology: QH541.187
Translating services
  Chemistry: QD9.2
  Geology: QE33.2.T7
  Science: Q124
Translational motion: QC762.6.T73
Translators
  Computer software: QA76.76.T83
Translocation
  Chromosomal mutation: QH462.T7
  Phytochemistry: QK871
Transmission
  Electric waves: QC665.T7
  Radio waves: QC676.7.T7
  Sound: QC233
Transmission electron microscopes: QH212.T7
Transmission of radiation
  Geometrical optics: QC389
Transparent ceramics in optical instruments: QC378.5
Transpiration
  Plant-water relationship: QK873
Transplantation immunology: QR188.8
Transplantation of organs, tissues, etc.
  Physiology: QP89
Transplutonium elements
  Inorganic chemistry: QD172.T65
Transport
  Plasma physics: QC718.5.T7
Transport phenomena
  Meteorology: QC880.4.T7
Transport theory
  Elementary particle physics: QC793.3.T7
  Mathematical physics: QC20.7.T73
  Statistical physics: QC175.2+
Transportation problems
  Mathematical optimization: QA402.6
Transuranium elements
  Effect on plants and animals: QH545.T74
  Inorganic chemistry: QD172.T7
Trapaceae
  Botany: QK495.T66
Trapped ions
  Electric discharge: QC702.7.T73
Traveltime inversion, Seismic: QE539.2.S43
Traverse surveying
  Geodetic surveying: QB325
Travertine: QE471.15.T73
Trawls and trawling
  Effect on plants and animals: QH545.T743
Tree frogs
  Zoology: QL668.E24
Tree of heaven
  Botany: QK495.S59
Tree shrews: QL737.S254
Tree trunks: QK646.7
Treehoppers
  Zoology: QL527.M45
Trees
  Botany: QK474.8+
  Graph theory: QA166.2
Tremandraceae: QK495.T7
Tremellaceae: QK629.T67
Tremellales: QK629.T7
Trentepohliaceae: QK569.T73
Trepostomata
  Paleozoology: QE799.T7
Triaenonychidae: QL458.52.T75
Triakidae: QL638.95.T75
Triangle
  Analytic geometry: QA557
  Plane geometry: QA482
Triangularization
  Matrices
    Algebra: QA197
Triassic
  Paleobotany: QE922
  Paleontology: QE732
  Stratigraphy: QE676+
Tributyrin
  Animal biochemistry: QP752.T7
Tricanthidae: QL638.T695
Trichechidae: QL737.S63
Trichiidae: QL596.T7
Trichiuridae: QL638.T7
Trichoceridae: QL537.T7

Trichocomaceae: QK623.T75
Trichodectidae: QL540.3.T7
Trichodontidae: QL638.T73
Trichogrammatidae: QL568.T7
Tricholomataceae: QK629.T73
Trichomas
  Shoots: QK650
Trichomatidae: QL513.T7
Trichomonadida: QL368.T7
Trichomoniasis
  Microbiology: QR201.T55
Trichomycteridae: QL638.T76
Trichonotidae: QL638.T78
Trichophilopteridae: QL540.3.T72
Trichopolydesmidae: QL449.65.T75
Trichoptera
  Paleozoology: QE832.T8
  Zoology: QL516+
Trichopterygidae: QL596.P83
Trichostomatida: QL368.T76
Trichothecenes
  Animal biochemistry: QP632.T75
Triclopyr
  Effect on plants and animals: QH545.T75
Tricoliidae: QL430.5.T67
Trictenotomidae: QL596.T75
Tridacnidae: QL430.7.T7
Tridactylidae
  Zoology: QL508.T73
Tridenchthoniidae: QL458.62.T7
Triggerfishes: QL638.B15
Triglidae: QL638.T8
Triglycerides
  Animal biochemistry: QP752.T74
Trigonalidae: QL568.T74
Trigoniaceae: QK495.T73
Trigonidiidae: QL508.T74
Trigoniidae
  Paleozoology: QE812.T74
Trigonioida
  Paleozoology: QE812.T74
Trigonometric sums: QA246.8.T75
Trigonometric tables: QA55+
Trigonometry: QA531+
Trigonometry and geometry (combined): QA529
Triiodothyronine
  Animal biochemistry
    Hormones: QP572.T5
Trilliaceae: QK495.T735
Trillium
  Experimental genetics: QH470.T7
Trilobitomorpha
  Paleozoology: QE821+
Trimeniaceae: QK495.T74
Trimenoponidae: QL540.3.T74
Trimerellidae
  Paleozoology: QE797.T8
Triodontidae: QL638.T85
Trionychidae: QL666.C587
Triple-helix-forming oligonucleotides
  Animal biochemistry: QP625.T75
Tripletails: QL638.L6
Tripterygiidae: QL638.T87
Triptopause
  Meteorology: QC881.2.T7
Triptosphere
  Meteorology: QC881.2.T7
Trisection of the angle
  Elementary geometry: QA468
Tritium
  Effect on plants: QK753.T75
  Effect on plants and animals: QH545.T76
Tritoniidae: QL430.5.T7
Triuridaceae: QK495.T745
Trixoscelidae: QL537.T75
Trochidae: QL430.5.T75
Trochilidae: QL696.A558
Trochodendraceae: QK495.T75
Trogidae: QL596.T78
Troglodytidae: QL696.P287
Troglotaoysicidae: QL458.72.T75
Trogonidae: QL696.T7
Trogoniformes: QL696.T67+
Trogons: QL696.T7
Trogositidae: QL596.T8
Trogulidae: QL458.52.T76
Trombiculidae: QL458.2.T75
Trombidiidae: QL458.2.T76
Trona
  Mineralogy: QE391.T8
Trondhjemite: QE462.T74
Tropaeolaceae: QK495.T77
Trophoblast
  Immunology: QR185.8.T7
Tropical climatology: QC993.5
Tropical cyclones: QC945
Tropical dry forests
  Ecology: QH541.5.T66
Tropical ecology: QH541.5.T7
Tropical geometry: QA582
Tropical meteorology: QC993.5
Tropical plants: QK936
Tropicbirds
  Zoology: QL696.P474
Tropics
  Biogeography: QH84.5
  Ecology: QH541.5.T7
Tropidophiidae: QL666.O68
Tropiduchidae: QL527.T7
Tropiduridae: QL666.L287
Tropisms
  Biology: QH514
Tropopause
  Meteorology: QC881.2.T75

Troposphere
  Meteorology: QC881.2.T75
Tropospheric radio wave propagation: QC973.4.T76
Tropospheric radio waves
  Radio meteorology: QC973.4.T76
Troupials: QL696.P2475
Trout
  Zoology: QL638.S2
Trout-perches: QL638.P468
TRP channels
  Animal biochemistry: QP552.T77
True bugs
  Paleozoology: QE832.H4
True starfish
  Paleozoology: QE783.A7
Trumpeters (Birds): QL696.G874
Trumpetfishes: QL638.A848
Truncatellidae: QL430.5.T78
Trunk
  Anatomy: QL950.3+
  Regional anatomy: QM540+
Trunk muscles
  Human anatomy: QM161
Trunks, Tree: QK646.7
Truth
  Philosophy of science: Q175.32.T78
Truth maintenance systems
  Artificial intelligence: Q338
Trypauchenidae: QL638.T95
Trypetheliaceae: QK585.T7
Trypetidae: QL537.T42
Trypoxylidae: QL568.T79
Trypsin
  Animal biochemistry: QP609.T7
Trypsinogen
  Animal biochemistry: QP609.T7
Tryptophan
  Animal biochemistry: QP562.T7
Tryptophan oxygenase
  Animal biochemistry: QP603.T78
Tuatara: QL666.R48
Tube-eyes: QL638.S88
Tuberaceae: QK623.T8
Tubercularaceae: QK625.T8
Tuberculosis
  Microbiology: QR201.T6
Tuberculosis vaccines: QR189.5.T7+
Tubeshoulders: QL638.P63
Tubulidentata: QL737.T75+
  Paleozoology: QE882.T8
Tubulins
  Animal biochemistry: QP552.T82
Tucu-tucos: QL737.R642
Tuff
  Petrology: QE461+
Tuftsin
  Animal biochemistry: QP552.T83
Tugtupite
  Mineralogy: QE391.T85
Tularemia
  Microbiology: QR201.T8
Tulasnellaceae: QK629.T8
Tumbling flower beetles: QL596.M6
Tumor immunology: QR188.6
Tumor necrosis factor
  Immunology: QR185.8.T84
Tumors
  Microbiology: QR201.T84
Tuna
  Zoology: QL638.S35
Tundra ecology: QH541.5.T8
Tundras
  Botany: QK938.T8
  Ecology: QH541.5.T8
Tungidae: QL599.7.T8
Tungstates
  Mineralogy: QE389.67
Tungsten
  Chemical element: Q1 .W1
Tungsten ores
  Mineralogy: QE390.2.T85
Tunguska meteorite: QB756.T8
Tunicata
  Paleozoology: QE840.5
  Zoology: QL613
Tuning forks in sound vibrations: QC241
Tunneling
  Solid state physics: QC176.8.T8
  Superconductors: QC611.97.T86
Tunneling spectroscopy
  Physics: QC454.T75
Tupaiidae: QL737.S254
Turbidites: QE471.15.T8
Turbidity
  Effect on plants and animals: QH545.T87
  Meteorological optics: QC976.T8
Turbinellidae: QL430.5.T85
Turbinidae: QL430.5.T9
Turbulence
  Meteorology: QC880.4.T8
  Plasma physics: QC718.5.T8
Turdidae: QL696.P288
Turgescence
  Cytology: QH621
Turing test
  Artificial intelligence: Q341
Turkeys
  Zoology: QL696.G27
Turneraceae: QK495.T8
Turnicidae: QL696.G89
Turnstones: QL696.C43
Turquoise
  Mineralogy: QE394.T8
Turretsnails: QL430.5.T96

Turridae: QL430.5.T95
  Paleozoology: QE809.T88
Turritellidae: QL430.5.T96
  Paleozoology: QE809.T9
Turtles
  Anecdotes and stories: QL795.T8
  Zoology: QL666.C5+
Tusk shells: QL430.8
Tussock moths: QL561.L9
Tuttle comet: QB723.T8
Twilight phenomena
  Meteorological optics: QC976.T9
Twins
  Embryology: QL971+
Twisted cubics: QA581
Twisted-winged parasites
  Zoology: QL599+
Twistor theory
  Atomic physics: QC173.75.T85
Two body problem
  Theoretical astronomy: QB362.T9
Two-dimensional electrophoresis
  Animal biochemistry: QP519.9.T84
Two-phase flow
  Fluid dynamics: QA922
Two-toed tree sloths: QL737.E238
Tylidae: QL537.M43
Type I superconductors: QC611.98.T86
Type II superconductors: QC611.98.T87
TypeScript (Computer program language): QA76.73.T97
Typewriting
  Physiology: QP310.T9
Typhaceae: QK495.T9
Typhlopidae: QL666.O685
Typhoid fever
  Microbiology: QR201.T9
Typhoid vaccine: QR189.5.T9
Typhoons: QC948
Typhus fever
  Microbiology: QR201.T95
Typical antbirds: QL696.P2816
Tyrannidae: QL696.P289
Tyrant flycatchers: QL696.P289
Tyrminase
  Animal biochemistry: QP603.M6
Tyrosine
  Animal biochemistry: QP562.T9
Tytonidae: QL696.S85

U

Uakaris: QL737.P959
Ubiquinones
  Animal biochemistry: QP801.U24
Ubiquitin
  Animal biochemistry: QP552.U24
Ubiquitous computing
  Digital computers: QA76.5915
Ubuntu
  Computer software
    Operating systems: QA76.774.U28
Udeonychophora: QL448.5+
Udoteaceae
  Botany: QK569.U46
Ulidiidae: QL537.U4
Ulmaceae: QK495.U4
Uloboridae: QL458.42.U4
Ulopidae: QL527.U4
Ulotrichaceae: QK569.U5
Ultra-Neptunian planets
  Perturbations: QB389
Ultrabasic rocks: QE462.U4
Ultracentrifugation
  Animal biochemistry: QP519.9.U47
Ultracold neutrons: QC793.5.C64+
Ultrahigh vacuum
  Fluid mechanics: QC166.5
Ultrasonic rays
  Physiological effect: QP82.2.U37
Ultrasonic waves
  Analytical chemistry: QD75.4.U48
Ultrasonics
  Physics: QC244
Ultrastructural studies
  Virology: QR387.5
Ultrastructure
  Bacteria: QR75+
  Human histology: QM550+
Ultratrace analysis
  Animal biochemistry: QP519.9.U48
Ultraviolet
  Determinative mineralogy: QE369.U4
Ultraviolet astronomy: QB474
Ultraviolet microscopes: QH212.U48
Ultraviolet radiation: QH543.95
  Effect on cells: QH652.4
Ultraviolet rays
  Effect on plants: QK757
  Genetic effects: QH465.U4
  Meteorological optics: QC976.U4
  Physiological effect: QP82.2.U4
Ultraviolet spectroscopy
  Analytical chemistry: QD96.U4
Ultraviolet spectrum
  Physics: QC459+
Ulvaceae: QK569.U55
Ulvales: QK569.U6
Ulvophyceae: QK569.U66
Umbelliferae: QK495.U48
Umbilicariaceae: QK585.U5
Umbridae: QL638.U5
UMI Online (Videotex system): QA76.57.U43

Uncertainty, Measurement
  Mathematical statistics: QA276.8
Uncertainty theory
  Information theory: Q375
Unconsciousness
  Neurophysiology: QP411
Unconsolidated sediments
  Petrology: QE471.2
Underclay
  Petrology: QE471.38
Underground cosmic rays: QC485.9.U6
Underground ecology: QH541.5.U55
Underwater acoustics: QC242+
Underwater physiology
  Animals: QP82.2.U45
Underwings (Lepidoptera): QL561.N7
Undulant fever
  Microbiology: QR201.B8
Ungulata: QL737.U4+
Ungulates
  Paleozoology: QE882.U2+
Unified field theories
  Atomic physics: QC173.68+
Uniform flow
  Fluid dynamics: QA922.5
Uniform spaces
  Topology: QA611.25
Unionicolidae: QL458.2.U5
Unionidae: QL430.7.U6
  Paleozoology: QE812.U6
Unit method of teaching
  Mathematics teaching: QA20.U55
United States Geological Survey: QE75+
Units of measurement: QC81+
Univac: QA76.8.U6
Universal algebra: QA251
Universal solvent
  Alchemy: QD26.5.A4
Universalities
  Condensed matter physics: QC173.458.U54
Universe
  Descriptive astronomy: QB495+
UNIX
  Computer software
    Operating systems: QA76.774.U64
Unsolvability
  Recursion theory
    Mathematical logic: QA9.63
UPC (Computer program language): QA76.73.U63
Uplands ecology: QH541.5.U64
Upper atmosphere
  Meteorology: QC878.5+
Upper Cretaceous
  Stratigraphy: QE688
Upper currents
  Wind: QC935
Upper extremities
  Physiology: QP333+
Upper Jurassic
  Stratigraphy: QE684
Upper mantle project
  Structural geology: QE501.4.U6
Upper Triassic
  Stratigraphy: QE679
Upupidae: QL696.U68
Upupiformes: QL696.U6+
Uraeotyphlidae: QL668.A69
Ural computer: QA76.8.U7
Uranates
  Mineralogy: QE389.65
Uraniidae: QL561.U7
Uraninite
  Mineralogy: QE391.U65
Uranium
  Chemical element: Q1 .U7
Uranium alloys
  Analytical chemistry: QD137.U73
Uranium compounds
  Spectra: QC464.U73
Uranium mining
  Effect on plants and animals: QH545.U7
Uranium ores
  Mineralogy: QE390.2.U7
Uranoscopidae: QL638.U7
Uranothallite
  Mineralogy: QE391.L5
Uranus (Planet): QB681+
  Perturbations: QB387
  Satellites: QB406
Urate oxidase
  Animal biochemistry: QP603.U7
Urban climatology: QC981.7.U7
Urban ecology
  Biology: QH541.5.C6
Urban geology: QE39.5.U7
Urban growth
  Effect on plants and animals: QH545.C545
Urban insects
  Zoology: QL472.7
Urban sprawl
  Effect on plants and animals: QH545.C545
Urea
  Aliphatic compounds: QD315
  Animal biochemistry: QP801.U7
Urease
  Animal biochemistry: QP609.U7
Uredinales: QK627.A1+
Ureters
  Human anatomy: QM408
  Physiology: QP250
Urethra
  Anatomy: QL875
  Human anatomy: QM413

Urethra
  Physiology: QP250.8
Uric acid
  Plant constituent: QK898.U68
Uricase
  Animal biochemistry: QP603.U7
Uridine diphosphoglucurono-syltransferase
  Animal biochemistry: QP606.U7
Urinary organs
  Human anatomy: QM401+
  Human embryology: QM695.U74
  Physiology: QP248+
Urinary organs secretions: QP211
Urinary system
  Microbiology: QR171.U7
Urine
  Physiology: QP211
Urnatellidae: QL400.5.U7
Urochordata
  Zoology: QL613
Urocoptidae: QL430.5.U68
Urocteidae: QL458.42.U7
Urocyclidae: QL430.5.U7
Urodacidae: QL458.72.S3
Urodela: QL668.C2+
Urodontidae
  Zoology: QL596.U75
Urogenital system
  Anatomy: QL871+
Urolophidae: QL638.85.D3
Uronic acids
  Plant constituent: QK898.U7
Uropeltidae: QL666.O688
Uropodidae: QL458.2.U7
Uropygi: QL458.85+
Urothripidae: QL598.3.U7
Ursidae: QL737.C27
Urticaceae: QK495.U7
User interfaces
  Computer science: QA76.9.U83
Ustilaginaceae: QK628.U8
Ustilaginales: QK628.A1+
Ustomycetes: QK627.3+
Uteroglobin
  Animal biochemistry: QP552.U86
Uterus
  Physiology: QP262
Utilities
  Computer software: QA76.76.U84

V

Vacant lot ecology: QH541.5.V27
Vaccines
  Immunology: QR189+
Vacuum
  Atomic physics: QC174.52.V33
Vacuum
  Gas mechanics: QC166+
Vacuum calorimeters: QC293.V3
Vacuum polarization
  Electrodynamics: QC648
Vacuum techniques
  Chemistry: QD63.V33
Vaejovidae: QL458.72.V4
Vaginulidae: QL430.5.V4
Valence fluctuations
  Solid state physics: QC176.8.V34
Valencienniidae
  Paleozoology: QE809.V2
Valerianaceae: QK495.V3
Validation
  Computer software: QA76.76.V47
Valine
  Animal biochemistry: QP562.V3
Valley ecology: QH541.5.V3
Valley winds: QC939.M8
Valleys
  Biogeography: QH87.2
  Ecology: QH541.5.V3
  Zoology: QL113.77
Valloniidae: QL430.5.V34
Valoniaceae: QK569.V3
Valsaceae: QK623.V35
Values
  Philosophy of science: Q175.32.V35
Valvatidae: QL430.5.V36
Vampires
  Zoology: QL737.C52
Vampyroteuthidae: QL430.3.V35
Van Allen radiation belts: QC809.V3
Van Biesbroeck comet: QB723.V35
Van de Graaff generators
  Nuclear physics: QC787.V3
Vanadates
  Mineralogy: QE389.64
Vanadinite
  Mineralogy: QE391.V35
Vanadium
  Chemical element: Q1 .V2
  Effect on plants and animals: QH545.V3
  Superconductors: QC611.98.V35
Vanadium ores
  Mineralogy: QE390.2.V36
Vandicidae: QL510.3.V3
Vangas: QL696.P29
Vangidae: QL696.P29
Vanhoeffeniidae: QL449.65.V34
Vanhorniidae: QL568.V3
Vapor densities
  Thermochemistry: QD533
Vapor pressure
  Physical chemistry: QD545
  Physics: QC304

Vaporization of solids
  Physics: QC309
Vapors
  Thermochemistry: QD531
Varanidae: QL666.L29
Variable stars: QB833+
Variable stars, Cataclysmic: QB837.5
Variables
  Stellar spectroscopy: QB895
Variance, Analysis of: QA279+
Variation
  Evolution: QH401+
  Fungi: QK602
  Microbiology: QR73
  Paleontology: QE721.2.V3
  Plants: QK983
  Reptiles and amphibians: QL645.5
  Virology: QR392
Variation of latitude
  Astronomy: QB237
Variational principles
  Quantum mechanics: QC174.17.V35
  Science: Q172.5.V37
Variations
  Climatology: QC902.8+
Variations, Diurnal
  Cosmic ray physics: QC485.8.V3
Varicella-zoster virus
  Virology: QR400.2.V37
Varroidae: QL458.2.V37
Vascular endothelium
  Physiology: QP110.V34
Vascular muscle
  Cardiovascular system: QP110.V37
Vascular resistance
  Cardiovascular system: QP110.V38
Vascular system
  Anatomy: QL835+
  Human anatomy: QM178+
Vasidae: QL430.5.T85
  Paleozoology: QE809.V3
Vasoactive intestinal peptides
  Animal biochemistry: QP572.V28
Vasomoter control
  Physiology: QP109
Vasopressin
  Animal biochemistry: QP572.V3
Vaucheriaceae: QK569.V35
VBScript (Computer program language): QA76.73.V27
Vector algebra: QA200+
Vector analysis: QA433
  Mathematical physics: QC20.7.V4
  Quantum mechanics: QC174.17.V4
Vector bundles
  Topology: QA612.63
Vector fields
  Differential topology: QA613.619
Vector spaces
  Linear and multilinear algebra: QA186
Vector theory
  Electricity: QC528.V4
Vegetable oils
  Nutrition: QP144.O44
Vegetables
  Nutrition: QP144.V44
Vegetales
  Microbiology: QR122
Vegetation dynamics: QK910
Vegetation mapping
  Botany: QK63
Vegetation monitoring
  Botany: QK46.5.V44
Vegetation productivity: QK909.5
Vegetation surveys
  Botany: QK62
Vegetative interrelation: QK911
Vegetative organs
  Physiology: QK720
  Plant anatomy: QK644+
Veillonellaceae: QR82.V4
Veins
  Geology: QE611+
  Human anatomy: QM191
  Physiology: QP106.4
Velds
  Botany: QK938.P7
Veliferidae: QL638.V4
Veliidae: QL523.V45
Velloziaceae: QK495.V4
Velocimetry
  Optical measurements: QC367.3.V45
Velocipedidae: QL523.V46
Velocities, Stellar: QB810+
Velocity
  Electric waves: QC665.V4
  Electrochemistry: QD562.M54
  Mechanics: QC137.5+
  Plasma physics: QC718.5.T7
  Sound: QC233
  Wind: QC933
Velocity of light: QC407
Velutinidae: QL430.5.V385
Velvet ants: QL568.M8
Velvet spiders: QL458.42.E7
Velvet worms: QL448+
Veneridae: QL430.7.V5
  Paleozoology: QE812.V4
Veneroida
  Paleozoology: QE812.V45
Venom
  Animal biochemistry: QP632.V46
  Physiology: QP235
Venous system
  Physiology: QP106.4

Venturiaceae: QK623.V46
Venus (Planet)
  Descriptive astronomy: QB621+
  Perturbations: QB372
  Transit: QB509+
Verbena
  Botany: QK495.V48
Verbenaceae: QK495.V48
Verification
  Computer software: QA76.76.V47
Vermiculite
  Mineralogy: QE391.V5
Vermiform invertebrates
  Paleozoology: QE791
  Zoology: QL386+
Veronicellidae: QL430.5.V4
Verrucariaceae: QK585.V4
Vertebral column
  Human anatomy: QM111
Vertebrate embryology: QL959
Vertebrates
  Nervous system: QL937
  Paleozoology: QE841+
  Zoology: QL605+
Vertex detectors
  Nuclear physics: QC787.V45
Vertical circle
  Astronomical instruments: QB103
Vertical distribution
  Fishes: QL639.6
Vesperidae: QL596.V47
Vespertilionidae: QL737.C595
Vespidae: QL568.V5
Vesuvianite
  Mineralogy: QE391.V55
Viability counts
  Microbiology: QR69.V53
Vibration
  Physiological effect: QP82.2.V5
Vibrational spectra
  Analytical chemistry: QD96.V53
  Physics: QC454.V5
Vibrations
  Acoustics: QC235+
  Physics: QC136
  Sound: QC231
Vibrations of elastic bodies
  Analytic mechanics: QA935+
Vibrionaceae: QR82.V53
Video astronomy: QB126
Video microscopy: QH222
Videotex systems: QA76.55+
Vigesimal system: QA141.8.V54
Villiaumite
  Mineralogy: QE391.V6
Vinegarflies: QL537.D76
Vineyards
  Botany: QK938.V5
Vinyl polymers
  Organic chemistry: QD383.V56
Violaceae: QK495.V5
Violations
  Elementary particle physics: QC793.3.V5
Violet
  Botany: QK495.V5
Viomycin
  Organic chemistry: QD377.V5
Viperfishes: QL638.C534
Viperidae: QL666.O69
Vipers: QL666.O69
Viral antigens
  Immunology: QR186.6.V57
Viral diarrhea
  Microbiology: QR201.V53
Viral hepatitis
  Microbiology: QR201.H46
Vireolaniidae: QL696.P294
Vireonidae: QL696.P2945
Vireos: QL696.P2945
Virgo Cluster: QB858.8.V57
Viroids
  Virology: QR500
Virology
  Microbiology: QR355+
Virtual computer systems: QA76.9.V5
Virtual humans
  Artificial intelligence: Q343
Virtue epistemology
  Philosophy of science: Q175.32.V57
Virulence
  Microbiology: QR175
Virus diseases
  Microbiology: QR201.V55
Virus function
  Virology: QR465
Virus-host interaction
  Virology: QR482
Virus-induced immunosuppression
  Immunology: QR188.46
Virus structure
  Virology: QR450+
Virus vaccines: QR189.5.V5
Virus-vector interaction
  Virology: QR484
Virus-virus interaction
  Virology: QR480
Viruses, Computer: QA76.76.C68
Viscaceae: QK495.V53
Viscera
  Human embryology: QM695.V55
Visceral reflex
  Neurophysiology: QP372.8

Viscosity
  Descriptive fluid mechanics: QC167
  Liquids: QC145.4.V5
  Matter and antimatter: QC189+
Viscous fluids
  Descriptive fluid dynamics: QC154
  Fluid dynamics: QA929
Visibility
  Meteorological optics: QC976.V5
Vision, Binocular
  Physiology: QP487+
Vision, Peripheral
  Neurophysiology: QP494
Vista
  Computer software
    Operating systems: QA76.774.M56
Visual Basic
  Programming languages: QA76.73.M53
Visual Basic for applications
  Programming languages: QA76.73.M53
Visual pigments
  Animal biochemistry: QP671.V5
Visual programming
  Digital computers: QA76.65
Visual space perception
  Physiology: QP491+
Visualization, Information
  Computer science: QA76.9.I52
Vitaceae: QK495.V55
Vital force (Biology): QH341
Vitalism
  Philosophy of science: Q175.32.V65
Vitamin A
  Animal biochemistry: QP772.V5
Vitamin B complex
  Animal biochemistry: QP772.V52
Vitamin B1
  Animal biochemistry: QP772.T5
Vitamin B12
  Animal biochemistry: QP772.C9
Vitamin B15
  Animal biochemistry: QP772.P3
Vitamin B2
  Animal biochemistry: QP772.R5
Vitamin B5
  Animal biochemistry: QP772.P35
Vitamin B6
  Animal biochemistry: QP772.P9
Vitamin BT
  Animal biochemistry: QP772.C3
Vitamin C
  Animal biochemistry: QP772.A8
  Effect on plants: QK753.V58
Vitamin D
  Animal biochemistry: QP772.V53
Vitamin D2
  Animal biochemistry: QP772.E74
Vitamin E
  Animal biochemistry: QP772.T6
Vitamin G
  Animal biochemistry: QP772.R5
Vitamin H
  Animal biochemistry: QP772.B55
Vitamin K
  Animal biochemistry: QP772.V55
Vitamin K-dependent proteins
  Animal biochemistry: QP552.V58
Vitamin K2
  Animal biochemistry: QP772.V56
Vitamin M
  Animal biochemistry: QP772.F6
Vitamin P
  Animal biochemistry: QP772.B5
Vitamin PP
  Animal biochemistry: QP772.N5
Vitamins
  Animal biochemistry: QP771+
  Microbial metabolism: QR92.V5
  Plant constituent: QK898.V5
Vitronellidae: QL430.5.V65
Vivariums: QH68
Viverridae: QL737.C28
Vivianite
  Mineralogy: QE391.V64
Viviparidae: QL430.5.V7
Viviparity
  Physiology: QP280
Vivisection: QP45
VLF emissions
  Radio meteorology: QC973.4.V2
VLF radio wave propagation
  Radio meteorology: QC973.4.V2
Vocalization
  Animal behavior: QL765
  Birds: QL698.5
Vocational guidance: QH314
  Animal biochemistry: QP517.5
  Aquatic biology: QH90.45
  Astronomy: QB51.5
  Biological chemistry: QP517.5
  Botany: QK50.5
  Chemistry: QD39.5
  Computer science: QA76.25
  Entomology: QL468.4
  Freshwater biology: QH96.45
  Genetics: QH439
  Geodesy: QB281.5
  Geology: QE34
  Marine biology: QH91.45
  Mathematics: QA10.5
  Meteorology: QC869.5
  Natural history: QH49
  Physics: QC29
  Science: Q147+

Vocational guidance
  Statistics: QA276.17
  Zoology: QL50.5
Voice
  Human anatomy: QM251+
  Physiology: QP306
Voice computing
  Computer science: QA76.9.V65
Volcanic activity, Prediction of: QE527.5
Volcanic ash, tuff, etc.
  Petrology: QE461+
Volcanic eruptions
  Effect on plants: QK759.5
Volcanic gas reservoirs
  Geology: QE527.75
Volcanic gases and vapors: QE527.75
Volcanic hazard analysis: QE527.6
Volcanic plumes: QE527.7
Volcanism
  Geology: QE521.5+
  Mars (Planet): QB643.V65
  Planets: QB603.V65
  Venus (Planet): QB623.V65
Volcanite: QE462.V64
Volcano monitoring: QE527.5
Volcanoes
  Geology: QE521.5+
  Mars (Planet): QB643.V65
  Venus (Planet): QB623.V65
Volcanoes and earthquakes: QE521+
Volcanoes and weather
  Meteorology: QC981.8.V65
Voldo
  Botany: QK495.M67
Voles: QL737.R666
Volition
  Neurophysiology: QP405
Volkonskoite
  Mineralogy: QE391.V68
Volta effect
  Electrostatics: QC581.V6
Voltage-sensitive dyes
  Animal biochemistry: QP519.9.V65
Voltameters
  Physics: QC615
Voltammetry
  Electrochemical analysis: QD116.V64
Voltmeters
  Physics: QC618
Volume
  Measurement: QC104
Volumetric analysis
  Analytical chemistry: QD111
  Organic chemistry: QD272.V6
Volutidae: QL430.5.V75
  Paleozoology: QE809.V7
Volutomitridae: QL430.5.V77
Volvocaceae: QK569.V9
Volvocales: QK569.V93
Volvocida: QL368.V6
Vombatidae: QL737.M39
Von Willebrand factor: QP93.7.V65
Vortex flows
  Fluid mechanics: QC159
Vortex motion
  Fluid dynamics: QA925
Vorticity
  Meteorology: QC880.4.V6
Voshysiaceae: QK495.V6
Voyages
  Natural history: QH11
Voyages and expeditions
  Botany: QK5
Voyages and expeditions, Scientific: Q115+
Vredefort Dome (South Africa): QB756.V74
Vultures (General): QL696.C53
Vulturidae
  Paleozoology: QE872.V9

W

W bosons
  Elementary particle physics: QC793.5.B62+
Wagnerite
  Mineralogy: QE391.W3
Wagtails: QL696.P252
Walking
  Physiology: QP310.W3
Walnut
  Botany: QK495.J85
Walrus
  Zoology: QL737.P62
War
  Effect on plants and animals: QH545.W26
War and mathematics: QA10.8
Warbleflies: QL537.O4
Wart snakes: QL666.O62
Wasps
  Paleozoology: QE832.H9
  Zoology: QL563+
Waste disposal
  Chemistry: QD64
  Effect on plants and animals: QH545.W28
Water
  Analytical chemistry: QD142
  Bacterial physiology: QR97.W37
  Biogeography: QH90+
  Chemistry: QD39.3.W37
  Ecology: QH541.5.W3
  Inorganic chemistry: QD169.W3
  Mars (Planet): QB643.W38
  Microbial ecology: QR105+
  Radiation chemistry: QD651.W3
  Spectra: QC464.W37

Water and plants: QK870+
Water bears: QL447.5
Water birds
  Zoology: QL678.5+
Water boatmen
  Zoology: QL523.C75
Water chestnut
  Botany: QK495.T66
Water fleas: QL444.B83
Water immersion
  Physiological effect: QP82.2.W35
Water milfoil
  Botany: QK495.H2
Water plantain
  Botany: QK495.A4
Water pollution
  Effect on plants and animals: QH545.W3
  Physiological effect: QP82.2.W36
Water reptiles: QL665.3+
Water resources development
  Effect on plants and animals: QH545.W33
Water-rock interaction
  Petrology: QE431.6.W38
Water scavenger beetles: QL596.H8
Water scorpions: QL523.N5
Water shrews: QL737.S73
Water-soluble polymers
  Organic chemistry: QD382.W3
Water-soluble vitamins
  Animal biochemistry: QP772.W38
Water starwort
  Botany: QK495.C1155
Water striders
  Zoology: QL523.G4
Water surface
  Fresh water: QL142
Waterleaf
  Botany: QK495.H88
Waterlily
  Botany: QK495.N97
Waterspouts: QC957
Waterwort
  Botany: QK495.E37
Watobiidae: QL449.55.W3
Wattled crows: QL696.P224
Wave equations
  Atomic physics: QC174.26.W28
Wave functions
  Atomic physics: QC174.26.W3
Wave mechanics
  Elementary particle physics: QC793.3.W3
  Quantum mechanics: QC174.2+
Wave motions
  Acoustics: QC231
Wave-particle duality
  Radiation physics: QC476.W38
Wave propagation
  Solid state physics: QC176.8.W3
Wave propagation in elastic solids
  Analytic mechanics: QA935+
Wave propagation in fluids: QA927
Wave theory of light: QC403
Wavelets
  Geology: QE33.2.W38
  Harmonic analysis (General): QA403.3
  Mathematical physics: QC20.7.W38
Waves
  Fluid dynamics: QC157
  Meteorology: QC880.4.W3
  Plasma physics: QC718.5.W3
Waves, Electric
  Physics: QC660.5+
Waves, Sound (Physics): QC242.8+
Wax moths: QL561.G3
Wax myrtle
  Botany: QK495.M83
Waxbills: QL696.P244
Waxes
  Animal biochemistry: QP752.W3
Waxwings: QL696.P22
Weak interactions
  Nuclear physics: QC794.8.W4
Weapons, Animal
  Anatomy: QL940
Wearable computers
  Digital computers: QA76.592
Weasels
  Anecdotes and stories: QL795.W4
  Zoology: QL737.C25
Weather
  Physiological effect: QP82.2.C5
Weather almanacs: QC999
Weather broadcasting
  Meteorology: QC877.5
Weather charts: QC878
Weather control
  Meteorology: QC926.6+
Weather forecasting: QC994.95+
Weather lore: QC998
Weather maps: QC878
Weather modification
  Meteorology: QC926.6+
Weather radar networks
  Radar meteorology: QC973.8.W4
Weather satellites
  Meteorology: QC879.4+
Weather services: QC875.A2+
Weather signals: QC877
Weathering
  Geology: QE570
Weaverbirds: QL696.P264
Web-based instruction
  Mathematics teaching: QA20.W43

Web databases
  Computer science: QA76.9.W43
Web geometry: QA648.5
Web spinners
  Zoology: QL539+
Web-spinning sawflies: QL568.P3
Weed control
  Effect on plants and animals: QH545.W43
Weighing instruments: QC107
Weight diagrams
  Elementary particle physics: QC793.3.W4
Weightlessness
  Physiological effect: QP82.2.W4
Weights and measures: QC81+
Wells
  Zoology: QL148
Weltwitschiaceae: QK494.5.W4
Western immunoblotting
  Analytical biochemistry: QP519.9.W47
Wetland ecology: QH541.5.M3
Wetlands
  Biogeography: QH87.3
  Ecology: QH541.5.M3
  Zoology: QL113.8+
Wetting, Heat of
  Physics: QC310
Whale lice: QL444.M315
Whale shark: QL638.95.R4
Whales
  Anecdotes and stories: QL795.W5
Whip scorpions: QL458.85+
Whirligig beetles: QL596.G8
Whiskers
  Anatomy: QL942
Whistlers
  Radio meteorology: QC973.4.W5
White blood cells
  Physiology: QP95+
White dwarfs (Astronomy): QB843.W5
White-eyes: QL696.P298
White mangrove
  Botany: QK495.C7
White matter
  Physiology: QP364.7
White noise theory
  Stochastic analysis: QA274.29
White whale
  Zoology: QL737.C433
Whitefishes
  Zoology: QL638.M2, QL638.S2
Whiteflies
  Zoology: QL527.A5
Whole brain learning
  Mathematics teaching: QA20.W46
Whooping cough
  Microbiology: QR201.W6
Wide gap semiconductors
  Semiconductor physics: QC611.8.W53
Wiggler magnets: QC757.92
Wild asses
  Anecdotes: QL795.A8
Wild boars
  Anecdotes and stories: QL795.W6
Wild flowers
  Botany: QK85.5
Wild food gathering: QH82+
Wild horses
  Anecdotes and stories: QL795.H7
Wild ponies
  Anecdotes and stories: QL795.H7
Wild rabbits
  Anecdotes and stories: QL795.H35
Wilderness areas: QH75+
Wildlife attracting: QL59
Wildlife conservation
  Zoology: QL81.5+
Wildlife marking: QL60.5
Wildlife monitoring: QL83.17
Wildlife refuges
  Zoology: QL81.5+
Wildlife reintroduction: QL83.4
Wildlife relocation
  Zoology: QL83.2
Wildlife replacement
  Zoology: QL83.2
Wildlife rescue
  Zoology: QL83.2
Wildlife viewing sites: QL60
Wildlife watching: QL60
Willow
  Botany: QK495.S16
Wilting
  Phytochemistry: QK871
Wind
  Effect on plants: QK754.7.W55
  Meteorology: QC930.5+
Wind and atmospheric pressure: QC934
Wind and atmospheric temperature: QC934.2
Wind chill: QC934.2
Wind direction: QC933
Wind erosion
  Mars (Planet): QB643.W56
Wind scorpions: QL458.8+
Window functionality
  Computer software: QA76.76.W56
Windows
  Computer software: QA76.76.W56
Windows 10
  Computer software
    Operating systems: QA76.774.M435
Windows 7
  Computer software
    Operating systems: QA76.774.M43

Windows 8
  Computer software
    Operating systems: QA76.774.M434
Windows Me
  Computer software
    Operating systems: QA76.774.M48
Windows NT
  Computer software
    Operating systems: QA76.774.M53
Windows PowerShell (Computer program language): QA76.73.W56
Windows server
  Computer software
    Operating systems: QA76.774.M55
Windows Vista
  Computer software
    Operating systems: QA76.774.M56
Windows XP
  Computer software
    Operating systems: QA76.774.M58
Winds
  Venus (Planet): QB623.W56
Wings
  Anatomy: QL950.8
Winter
  Astronomy: QB637.8
Winter craneflies: QL537.T7
Winter temperatures: QC905
Winteraceae: QK495.W5
Witch hazel
  Botany: QK495.H3
WKB approximation
  Mathematical physics: QC20.7.W53
Wnt proteins
  Animal biochemistry: QP552.W58
Wobbegongs: QL638.95.O7
Wolf-Rayet stars: QB843.W6
Wolf spiders: QL458.42.L9
Wolffian body
  Anatomy: QL872.7
Wolffishes: QL638.A54
Wolfram
  Chemical element: Q1 .W1
Wolfram language (Computer program language): QA76.73.W65
Wolframite
  Mineralogy: QE391.W6
Wollastonite
  Mineralogy: QE391.W66
Wolves
  Anecdotes and stories: QL795.W8
Wombats
  Anecdotes and stories: QL795.W83
  Zoology: QL737.M39
Women and computers: QA76.9.W65
Women astronomers: QB34.5
Women biologists: QH305.5
Women chemists: QD20
Women in astronomy: QB34.5
Women in chemistry: QD20
Women in mathematics: QA27.5
Women in physics: QC14
Women in science: Q130
Women life scientists: QH305.5
Women mathematicians: QA27.5
Women physicists: QC14
Women scientists: Q130
Wood
  Plant anatomy: QK647
Wood-decaying fungi: QK604.2.W65
Wood hoopoes: QL696.U66
Wood lice: QL444.M34
Wood sorrel
  Botany: QK495.O98
Wood-staining fungi: QK604.2.W66
Wood warblers
  Zoology: QL696.P2438
Wood wasps
  Zoology: QL568.X5
Woodcocks: QL696.C48
Woodhewers: QL696.P24
Woodpeckers
  Zoology: QL696.P56
Woodshrikes: QL696.P265
Woodswallows: QL696.P216
Wool
  Physiology: QP88.3
Woolly monkeys: QL737.P915
Work
  Physiology: QP309
Work (Force and energy): QC73.8.W65
Wormfishes: QL638.M5
Worms
  Paleozoology: QE791
  Zoology: QL386+
Wormsnails: QL430.5.T96
Woroniaceae: QK621.W6
Wrasses: QL638.L12
Wrens: QL696.P287
Wrenthrushes: QL696.P296
Wrentits: QL696.P234
Writing
  Physiology: QP310.W7
Writing, Mathematical
  Mathematics teaching aid: QA20.M38
Wulff construction
  Statistical physics: QC174.85.W85
Wutinoceratidae
  Paleozoology: QE807.W8

X

X-ray astronomy: QB472+
X-ray binaries: QB830

X-ray crystallography: QD945
  Animal biochemistry: QP519.9.X72
X-ray microanalysis
  Biological research: QH324.9.X2
X-ray microscopes: QH212.X2
X-ray petrology: QE435
X-ray powder
  Determinative mineralogy: QE369.X2
X-ray spectroscopy
  Analytical biochemistry: QP519.9.X73
  Analytical chemistry: QD96.X2
X-rays
  Effect on plants: QK757
  Genetic effects: QH465.X2
  Physics: QC480.8+
X-rays, Solar: QB539.S655
X86 assembly language (Computer program language): QA76.73.X16
Xanthan gum
  Microbial metabolism: QR92.X35
Xanthomonadida: QL368.H53
Xanthopterin
  Animal biochemistry: QP671.X3
Xanthorrhoeaceae: QK495.X3
Xantusiidae: QL666.L293
Xenarthra: QL737.E2+
  Paleozoology: QE882.E2
Xenobiotics
  Animal biochemistry: QP529+, QP801.X45
  Bacterial physiology: QR97.X46
  Effect on plants: QK753.X45
  Effect on plants and animals: QH545.X44
Xenocephalidae: QL638.X4
Xenocongridae: QL638.X45
Xenon
  Chemical element: Q1 .X4
Xenopeltidae: QL666.O694
Xenophoridae: QL430.5.X46
Xenophyophorida: QL368.X4
Xenosauridae: QL666.L295
Xeric ecology: QH541.5.X45
Xerophytes
  Plant ecology: QK922
Xiphiidae: QL638.X5
Xiphocentronidae: QL518.X5
Xiphosura: QL447.7
Xiphosurida
  Paleozoology: QE826.X5
Xiphydriidae: QL568.X5
XML (Document markup language): QA76.76.H94
Xolalgidae: QL458.2.X65
XPath (Computer program language): QA76.73.X57
XQuery (Computer program language): QA76.73.X575
XSLT (Computer program language): QA76.73.X58
Xyelidae: QL568.X7
Xylans
  Animal biochemistry: QP702.X87
Xylariaceae: QK623.X9
Xylitol
  Animal biochemistry: QP702.X89
Xylophagidae: QL537.X9
Xylorictidae: QL561.X9
Xylose
  Animal biochemistry: QP702.X9
Xyridaceae: QK495.X9
Xystodesmidae: QL449.65.X9

Y

Y-particles
  Elementary particle physics: QC793.5.H42+
Yam
  Botany: QK495.D54
Yang-Baxter equation
  Atomic physics: QC174.52.Y36
Yang-Mills theory
  Atomic physics: QC174.52.Y37
Year 2000 date conversion: QA76.76.S64
Yeast fungi
  Botany: QK617.5
Yellow fever
  Microbiology: QR201.Y4
Yelloweyed grass
  Botany: QK495.X9
Yersinia infections
  Microbiology: QR201.Y45
Yeti: QL89.2.Y4
Ylides
  Aliphatic compounds: QD305.C3
Yponomeutidae: QL561.Y7
Ytterbium
  Chemical element: Q1 .Y3
Yttrium
  Chemical element: Q1 .Y1
Yucca moths: QL561.P57
Yuccas: QK495.A83

Z

Z bosons
  Elementary particle physics: QC793.5.B62+
Z (Computer program language): QA76.73.Z2
Z-DNA
  Animal biochemistry: QP624.5.Z33
Zamiaceae: QK494.5.Z35
Zanclidae
  Zoology: QL638.Z28
Zaniolepididae: QL638.Z3
Zannichelliaceae: QK495.Z3
Zapodidae: QL737.R648
Zaproridae
  Zoology: QL638.Z36
Zebra shark: QL638.95.S92

Zebras
  Anecdotes and stories: QL795.Z42
Zeeman effect: QC675.5.Z4
Zeidae: QL638.Z4
Zeiformes: QL637.9.Z4
Zeilleriidae
  Paleozoology: QE797.Z4
ZEKE spectroscopy
  Physics: QC454.Z44
Zeledoniidae: QL696.P296
Zenith telescope
  Astronomical instruments: QB101
Zeolites
  Mineralogy: QE391.Z5
Zerconidae: QL458.2.Z4
Zero-point field
  Atomic physics: QC174.52.Z47
Zeta functions
  Mathematical physics: QC20.7.Z47
Zika virus infection: QR201.Z45
Zinc
  Chemical element: Q1 .Z6
  Effect on plants: QK753.Z5
  Effect on plants and animals: QH545.Z56
  Superconductors: QC611.98.Z56
Zinc alloys
  Analytical chemistry: QD137.Z5
Zinc enzymes
  Animal biochemistry: QP601.75.Z54
Zinc ores
  Mineralogy: QE390.2.Z54
Zinc proteins
  Animal biochemistry: QP552.Z55
Zingiberaceae: QK495.Z65
Ziphiidae: QL737.C438
Zircon
  Mineralogy: QE391.Z7
Zirconium
  Chemical element: Q1 .Z7
Zirconium oxide
  Spectra: QC464.Z57
Zoantharia: QL377.C7
Zoarcidae: QL638.Z6
Zodariidae: QL458.42.Z63
Zodiac
  Astronomy: QB803
Zodiacal light: QB761
Zoisite
  Mineralogy: QE391.Z8
Zones, Ecological: QH541.15.E248
Zones of climate
  Meteorology: QC981.8.Z6
Zonitidae: QL430.5.Z6
  Paleozoology: QE809.Z9
Zoo animals: QL77.5
Zooflagellates: QL368.Z66
Zoological illustrating: QL46.5
Zoology: QL1+
  Secondary education: QL51+
Zoology as a profession: QL50.5
Zoology, Medical: QL99
Zoomastigia: QL368.A12
Zoophyta
  Coelenterata: QL379
Zooplankton: QL123
  Freshwater: QL143
Zoosporic fungi: QK604.2.Z66
Zopfiaceae: QK623.Z64
Zopheridae (Ironclad beetles): QL596.Z66
Zoraptera
  Zoology: QL515.5
Zoropsidae: QL458.42.Z67
Zosteraceae: QK495.Z7
Zosteropidae: QL696.P298
Zygaenidae: QL561.Z9
Zygnemataceae: QK569.Z8
Zygnematales: QK569.Z82
Zygophyllaceae: QK495.Z9
Zythiaceae: QK625.Z9