

## Update Information 2009 Update Number 1

This package updates the *Subject Headings Manual*, 2008 edition, which was published in 2009. All new instruction sheets and replacement pages in 2009 Update Number 1 are dated February 2009. The table that follows lists the pages included in this package and summarizes the nature of the updates. Users who wish to maintain a permanent record of the history of the additions and changes listed here should file this table behind the **Update Information** tab in Volume 4 of the manual.

With this update, the manual is current through the end of February 2009. 2009 Update Number 2 is scheduled to be published in Autumn 2009.

***Note: This update package cannot be used with the *Subject Cataloging Manual: Subject Headings*, 5th edition, originally published in 1996. That edition is closed, and is no longer being updated. These update sheets are compatible only with the 2008 edition of the *Subject Headings Manual*.***

<i>Instruction Sheet</i>	<i>Page</i>	<i>Addition/Change</i>	<i>Action</i>
H 405	7-8	List updated	Replace
H 405	11-14	List updated	Replace
H 1140	3-4	List updated	Replace
H 1147	3-11	List updated	Replace
H 1151	1-3	List updated	Replace
H 1164	1-5	List updated	Replace
H 1180	1-10	List updated	Replace
H 1188	5	Footnotes 2 and 3 updated	Replace
H 1361	2	Typographical error corrected	Replace
H 1366	1-3	Text deleted from sec. 1; examples updated	Replace
H 1610	3	Sec. 3 revised	Replace
H 1631	2	Example updated in sec. 2.b.	Replace
H 1690	1	Typographical error corrected	Replace



## Establishing Certain Entities in the H 405 Name or Subject Authority File

### *GROUP ONE - NAME AUTHORITY GROUP HEADINGS*

<i>Category</i>	<i>MARC tag</i>
Experiment stations	110
Expositions	111
Factories	110
Fairs	111
Festivals and celebrations	111
Fish hatcheries	110
Folk festivals and celebrations	111
Forest districts	151
Forests (Administrative agencies) <sup>4</sup>	110
Funds	110
Funeral homes, mortuaries	110
Galleries	110
Games (Events)	111
Gangs	110
Halfway houses	110
Helplines, hotlines	110
Herbariums	110
Hospitals	110
Hotels	110
Individual works of art	100, 110, 130
Jurisdictions, Ancient (other than cities)	151
Laboratories	110
Libraries	110
Library districts	110
Markets	110
Military installations (active; also all after 1899)	151
Mining districts	151
Monasteries	110
Morgues	110
Mosques	110

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<sup>4</sup>Headings in this category are always qualified by the term (**Agency**). Headings for forests as geographic entities are in Group 2, established as subject headings, tagged 151, and qualified according to subject cataloging conventions.

## H 405 Establishing Certain Entities in the Name or Subject Authority File

### *GROUP ONE - NAME AUTHORITY GROUP HEADINGS*

<i>Category</i>	<i>MARC tag</i>
Motels	110
Motion pictures	130
Museums	110
Night clubs	110
Nursing homes	110
Observatories	110
Old age homes	110
Opera companies	110
Orphanages	110
Parades	111
Park districts	151
Parks (Administrative agencies) <sup>5</sup>	110
Planetariums	110
Planned communities	151
Plans (Programs)	110
Poorhouses	110
Port authorities	110
Prisons	110
Projects, plans, etc.	110
Public celebrations, pageants, anniversaries	111
Publishers' imprints	110
Pueblos	151
Races (Contests)	111
Radio programs	130
Railroads	110
Recreation districts	151
Refugee camps	110
Religious denominations	110
Research stations	110
Reserves (Administrative agencies) <sup>5</sup>	110
Restaurants	110

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<sup>5</sup>Headings in this category are always qualified by the term (**Agency**). Headings for parks as geographic entities are in Group 2, established as subject headings, tagged 151, and qualified according to subject cataloging conventions.

## Establishing Certain Entities in the H 405 Name or Subject Authority File

### *GROUP TWO - SUBJECT AUTHORITY GROUP HEADINGS*

<i>Category</i>	<i>MARC tag</i>
Cities, Extinct (Pre-1500)	151
City halls	110
Civic centers	110
Clans	100
Club houses	110
Coliseums	110
Collections, Public or Private	110
Collective farms	151
Community centers	110
Computer languages	150
Computer networks	150
Computer systems	150
Convention centers	110
Courthouses	110
Customhouses	110
Details, Building	150
Docks	151
Doors	150
Dwellings	110
Estates	151
Events <sup>9</sup>	150
Exhibition buildings	110
Fairgrounds	151
Families	100
Farms	151
Feasts	150
Ferry buildings	110
Fire stations	110
Forests (Geographic entities) <sup>10</sup>	151

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<sup>9</sup>Events that generally cannot be repeated and have no formal name but are commonly referred to by generic terms only. See H 1592 for a list of types of events to be established in the subject authority file.

<sup>10</sup>Headings in this category are qualified according to subject cataloging conventions. Headings for forests as corporate bodies are in Group 1, established as name headings, tagged 110, and qualified by the term (**Agency**).

## H 405 Establishing Certain Entities in the Name or Subject Authority File

### *GROUP TWO - SUBJECT AUTHORITY GROUP HEADINGS*

<i>Category</i>	<i>MARC tag</i>
Fortresses (Structures)	151
Fountains	150
Gardens	151
Gates	150
Golf courses	151
Grain elevators	110
Gymnasiums	110
Hazardous waste sites	151
Highways	151
Historic sites (including historic districts not in cities)	151
Immigration stations	110
Islands, Nonjurisdictional	151
Land grants	151
Lighthouses	110
Locks (Hydraulic engineering)	151
Locomotives	150
Manors	110
Mansions	110
Market buildings	110
Military installations (before 1900 <i>and</i> inactive)	151
Mine buildings	110
Mines	151
Mints	110
Monuments (Structures, statues, etc.)	150
Music halls	110
Office buildings	110
Official residences	110
Opera houses	110
Palaces	110

## Establishing Certain Entities in the H 405 Name or Subject Authority File

### *GROUP TWO - SUBJECT AUTHORITY GROUP HEADINGS*

<i>Category</i>	<i>MARC tag</i>
Parks (Geographic entities) <sup>11</sup>	151
Pavilions	110
Pipelines	151
Playgrounds	151
Plazas (Open spaces, squares, etc.)	151
Police stations	110
Pools, Public	110
Ports (Physical facilities)	151
Post offices	110
Posthouses	110
Power plants	110
Presidential mansions	110
Public comfort stations	110
Racetracks	110
Railway stations	110
Ranches	151
Recreation areas	151
Remote-controlled vehicles	150
Reservations, Indian	151
Reserves (Parks, forests, etc.)	151
Resorts	110
Roads	151
Rooms	150
Sanitary landfills	151
Satellites (i.e., moons)	151
Schools of artists	150
Shopping centers	110
Shrines ( <i>not</i> churches)	150
Spas	110
Sports arenas	110
Sports facilities	110

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<sup>11</sup>Headings in this category are qualified according to subject cataloging conventions. Headings for parks as corporate bodies are in Group 1, established as name headings, tagged 110, and qualified by the term (**Agency**).

## H 405 Establishing Certain Entities in the Name or Subject Authority File

### *GROUP TWO - SUBJECT AUTHORITY GROUP HEADINGS*

<i>Category</i>	<i>MARC tag</i>
Stadiums	110
Stagecoach stations	110
Streets	151
Structures (Non-geographic, for example, towers)	150
Temples (In ruins)	110
Terminal buildings	110
Theater buildings	110
Theme parks	151
Tombs	150
Towers	150
Trails	151
Tribes (Ethnic groups)	150
Tunnels	151
Villas	110
Walls	150
Waterways	151
Wells	151

## Free-Floating Subdivisions: Names of Places H 1140

**\$x Appropriations and expenditures \$x Effect of inflation on** (H 1580)

**\$x Archival resources** (H 1230)

**\$x Area**

Use for descriptions of the physical area of a place as well as for works on measurement of the area of a place.

**\$x Armed Forces** (*May Subd Geog*)

Use only under countries and under regions larger than countries.

See H 1159 for further subdivisions used under military services.

**\$v Audiocassette catalogs** (H 1361)

**\$v Audiotape catalogs** (H 1361)

**\$v Bathymetric maps**

**\$v Bio-bibliography** (H 1328)

**\$v Biography** (H 1330; H 1845)

See also **–History–[period subdivision]–Biography**

**\$v Biography \$v Anecdotes**

**\$v Biography \$v Caricatures and cartoons**

**\$v Biography \$v Dictionaries**

**\$v Biography \$v Dictionaries \$x French, [Italian, etc.]**

**\$x Biography \$x History and criticism**

**\$v Biography \$v Humor**

**\$v Biography \$v Pictorial works** (H 1935)

**\$v Biography \$v Portraits** (H 1935)

**\$x Biography \$v Sources**

**\$v Book reviews** (H 2021)

**\$x Boundaries** (*May Subd Geog*) (H 1333.5)

**\$x Buildings, structures, etc.** (H 1334; H 1334.5)

Use only under cities and city sections.

**\$x Buildings, structures, etc.–Conservation and restoration**

Use only under cities and city sections.

**\$v Calendars**

**\$x Capital and capitol**

Do not use under cities.

**\$v Census** (H 1366)

**\$x Census \$x Law and legislation** (H 1705)

**\$v Census, [date]** (H 1366)

**\$x Centennial celebrations, etc.**

## H 1140 Free-Floating Subdivisions: Names of Places

### **\$v Charters**

Use only under states, counties, cities, etc., of the United States and under indigenous jurisdictions of the United States.

### **\$v Charters, grants, privileges**

Use only under countries, etc., other than the United States, and under cities other than those of the United States.

### **\$x Church history (H 1845)**

#### **\$x Church history \$y 16th century**

#### **\$x Church history \$y 17th century**

#### **\$x Church history \$y 18th century**

#### **\$x Church history \$y 19th century**

#### **\$x Church history \$y 20th century**

#### **\$x Church history \$y 21st century**

### **\$x Civilization (H 1370)**

#### **\$x Civilization \$y 16th century (H 1370)**

#### **\$x Civilization \$y 17th century (H 1370)**

#### **\$x Civilization \$y 18th century (H 1370)**

#### **\$x Civilization \$y 19th century (H 1370)**

#### **\$x Civilization \$y 20th century (H 1370)**

#### **\$x Civilization \$y 21st century (H 1370)**

#### **\$x Civilization \$x Foreign influences (H 1370)**

#### **\$x Civilization \$x Philosophy**

### **\$x Claims**

#### **\$x Claims vs. ...**

### **\$x Climate**

#### **\$x Climate \$v Observations**

### **\$x Colonial influence**

### **\$x Colonies**

**[name of country]–Colonies** may also be used under topical headings, for example, **Education–Great Britain–Colonies**.

See H 1149.5 for further subdivisions.

### **\$x Colonization**

#### **\$x Commerce (May Subd Geog)**

Use for works on foreign or domestic trade of the place. For works on reciprocal trade between countries, cities, etc., assign a combination of headings:

**[place A]–Commerce–[place B]; [place B]–Commerce–[place A]**.

### **\$x Commercial policy**

Use only under countries and regions larger than countries.

## Pattern Headings: Animals H 1147

\$x Conservation (*May Subd Geog*)  
\$x Conservation \$x Law and legislation<sup>3</sup> (*May Subd Geog*)  
\$x Control (*May Subd Geog*)  
\$x Control \$x Environmental aspects (*May Subd Geog*)  
\$x Control \$x Law and legislation<sup>3</sup> (*May Subd Geog*)  
\$x Cooperative marketing (*May Subd Geog*)  
\$x Counting (*May Subd Geog*)  
\$x Cultural control (*May Subd Geog*)  
\$x Cytogenetics  
\$x Cytology  
\$x Defenses (*May Subd Geog*)  
\$x Detection (*May Subd Geog*)  
\$x Development (*May Subd Geog*)  
\$x Development \$x Endocrine aspects  
\$x Digestive organs  
\$x Diseases<sup>4</sup> (*May Subd Geog*)  
\$x Diseases \$x Alternative treatment<sup>4</sup> (*May Subd Geog*)  
\$x Diseases \$x Chemotherapy<sup>4</sup> (*May Subd Geog*)  
\$x Diseases \$x Chiropractic treatment<sup>4</sup> (*May Subd Geog*)  
\$x Diseases \$x Diagnosis<sup>4</sup> (*May Subd Geog*)  
\$x Diseases \$x Diet therapy<sup>4</sup> (*May Subd Geog*)  
\$x Diseases \$x Epidemiology<sup>4</sup> (*May Subd Geog*)  
\$x Diseases \$x Genetic aspects<sup>4</sup>  
\$x Diseases \$x Homeopathic treatment<sup>4</sup> (*May Subd Geog*)  
\$x Diseases \$x Molecular aspects<sup>4</sup> (*May Subd Geog*)  
\$x Diseases \$x Nursing<sup>4</sup> (*May Subd Geog*)  
\$x Diseases \$x Nutritional aspects<sup>4</sup> (*May Subd Geog*)  
\$x Diseases \$x Prevention<sup>4</sup>  
\$x Diseases \$x Treatment<sup>4</sup> (*May Subd Geog*)  
\$x Dispersal (*May Subd Geog*)  
\$x Dissection (*May Subd Geog*)  
\$x Dormancy<sup>5</sup> (*May Subd Geog*)  
\$x Ecology (*May Subd Geog*)  
\$x Ecophysiology (*May Subd Geog*)  
\$x Effect of acid precipitation on (*May Subd Geog*)  
\$x Effect of aircraft on (*May Subd Geog*)  
\$x Effect of altitude on<sup>5</sup> (*May Subd Geog*)  
\$x Effect of chemicals on<sup>6</sup> (*May Subd Geog*)  
\$x Effect of cold on (*May Subd Geog*)  
\$x Effect of contaminated sediments on (*May Subd Geog*)

## H 1147 Pattern Headings: Animals

- \$x Effect of dams on (*May Subd Geog*)
- \$x Effect of dredging on (*May Subd Geog*)
- \$x Effect of drought on (*May Subd Geog*)
- \$x Effect of drugs on<sup>6</sup> (*May Subd Geog*)
- \$x Effect of exotic animals on (*May Subd Geog*)
- \$x Effect of fires on (*May Subd Geog*)
- \$x Effect of fishing on<sup>5</sup> (*May Subd Geog*)
- \$x Effect of floods on (*May Subd Geog*)
- \$x Effect of forest management on (*May Subd Geog*)
- \$x Effect of habitat modification on (*May Subd Geog*)
- \$x Effect of heavy metals on (*May Subd Geog*)
- \$x Effect of human beings on (*May Subd Geog*)
- \$x Effect of hunting on (*May Subd Geog*)
- \$x Effect of insecticides on<sup>6</sup> (*May Subd Geog*)
- \$x Effect of light on (*May Subd Geog*)
- \$x Effect of logging on (*May Subd Geog*)
- \$x Effect of magnetism on (*May Subd Geog*)
- \$x Effect of metals on (*May Subd Geog*)
- \$x Effect of music on (*May Subd Geog*)
- \$x Effect of noise on (*May Subd Geog*)
- \$x Effect of odors on (*May Subd Geog*)
- \$x Effect of off-road vehicles on (*May Subd Geog*)
- \$x Effect of oil spills on (*May Subd Geog*)
- \$x Effect of pesticides on<sup>6</sup> (*May Subd Geog*)
- \$x Effect of poaching on (*May Subd Geog*)
- \$x Effect of pollution on (*May Subd Geog*)
- \$x Effect of predation on (*May Subd Geog*)
- \$x Effect of radiation on (*May Subd Geog*)
- \$x Effect of radioactive pollution on (*May Subd Geog*)
- \$x Effect of roads on (*May Subd Geog*)
- \$x Effect of salt on (*May Subd Geog*)
- \$x Effect of sediments on (*May Subd Geog*)
- \$x Effect of selenium on (*May Subd Geog*)
- \$x Effect of sound on (*May Subd Geog*)
- \$x Effect of storms on (*May Subd Geog*)
- \$x Effect of stray currents on (*May Subd Geog*)
- \$x Effect of stress on (*May Subd Geog*)
- \$x Effect of surface active agents on (*May Subd Geog*)
- \$x Effect of temperature on (*May Subd Geog*)
- \$x Effect of turbidity on (*May Subd Geog*)

## Pattern Headings: Animals H 1147

\$x Effect of ultraviolet radiation on (*May Subd Geog*)  
\$x Effect of volcanic eruptions on (*May Subd Geog*)  
\$x Effect of water acidification on (*May Subd Geog*)  
\$x Effect of water currents on (*May Subd Geog*)  
\$x Effect of water levels on (*May Subd Geog*)  
\$x Effect of water pollution on (*May Subd Geog*)  
\$x Effect of water quality on (*May Subd Geog*)  
\$x Eggs (*May Subd Geog*)  
\$x Eggs \$x Counting (*May Subd Geog*)  
\$x Eggs \$x Dispersal (*May Subd Geog*)  
\$x Eggs \$x Geographical distribution  
\$x Eggs \$x Incubation (*May Subd Geog*)  
\$x Embryology  
\$x Embryos (*May Subd Geog*)  
\$x Embryos \$x Anatomy  
\$x Embryos \$x Effect of ultraviolet radiation on (*May Subd Geog*)  
\$x Embryos \$x Motility  
\$x Embryos \$x Physiology (*May Subd Geog*)  
\$x Embryos \$x Transplantation (*May Subd Geog*)  
\$x Endocrinology  
\$x Environmental enrichment (*May Subd Geog*)  
\$x Equipment and supplies  
\$x Evolution (*May Subd Geog*)  
\$x Exercise (*May Subd Geog*)  
\$x Exercise \$x Physiological aspects  
\$x Feed utilization efficiency (*May Subd Geog*)  
\$x Feeding and feeds<sup>7</sup> (*May Subd Geog*)  
\$x Feeding and feeds \$x Climatic factors (*May Subd Geog*)  
\$x Feeding and feeds \$x Contamination (*May Subd Geog*)  
\$x Feeding and feeds \$v Recipes  
\$x Fertility (*May Subd Geog*)  
\$x Fetuses  
\$x Fetuses \$x Anatomy  
\$x Fetuses \$x Physiology (*May Subd Geog*)  
\$x Flight<sup>5</sup> (*May Subd Geog*)  
\$x Fluorescence<sup>5</sup> (*May Subd Geog*)  
\$x Food<sup>8</sup> (*May Subd Geog*)  
\$x Fractures<sup>1</sup> (*May Subd Geog*)  
\$x Generative organs  
\$x Genetic engineering (*May Subd Geog*)

## H 1147 Pattern Headings: Animals

- \$x Genetics
- \$x Genome mapping (*May Subd Geog*)
- \$x Geographical distribution
- \$x Geographical distribution \$x Climatic factors (*May Subd Geog*)
- \$x Germplasm resources (*May Subd Geog*)
- \$x Germplasm resources \$x Cryopreservation (*May Subd Geog*)
- \$x Germplasm resources \$x Microbiology (*May Subd Geog*)
- \$x Grading (*May Subd Geog*)
- \$x Grooming<sup>9</sup> (*May Subd Geog*)
- \$x Growth
- \$x Habitat (*May Subd Geog*)
- \$x Habitat \$x Conservation (*May Subd Geog*)
- \$x Habitat suitability index models (*May Subd Geog*)
- \$x Habitations<sup>10</sup> (*May Subd Geog*)
- \$x Handling<sup>11</sup> (*May Subd Geog*)
- \$x Health (*May Subd Geog*)
- \$x Hibernation (*May Subd Geog*)
- \$x Histology
- \$x Histopathology
- \$x Home range (*May Subd Geog*)
- \$x Homing (*May Subd Geog*)
- \$x Host plants (*May Subd Geog*)
- \$x Housing<sup>12</sup> (*May Subd Geog*)
- \$x Housing \$x Air conditioning<sup>12</sup> (*May Subd Geog*)
- \$x Housing \$x Decoration<sup>12</sup> (*May Subd Geog*)
- \$x Housing \$x Design and construction<sup>12</sup>
- \$x Housing \$x Disinfection<sup>12</sup> (*May Subd Geog*)
- \$x Housing \$x Environmental engineering<sup>12</sup> (*May Subd Geog*)
- \$x Housing \$x Heating and ventilation<sup>12</sup> (*May Subd Geog*)
- \$x Housing \$x Insulation<sup>12</sup> (*May Subd Geog*)
- \$x Housing \$x Lighting<sup>12</sup> (*May Subd Geog*)
- \$x Housing \$x Odor control<sup>12</sup> (*May Subd Geog*)
- \$x Housing \$x Safety measures<sup>12</sup>
- \$x Housing \$x Sanitation<sup>12</sup> (*May Subd Geog*)
- \$x Housing \$v Specifications<sup>12</sup> (*May Subd Geog*)
- \$x Housing \$x Waste disposal<sup>12</sup> (*May Subd Geog*)
- \$x Hybridization (*May Subd Geog*)
- \$v Identification
- \$x Immunology
- \$x Immunology \$x Genetic aspects

## Pattern Headings: Animals H 1147

\$x Induced spawning (*May Subd Geog*)  
\$x Infancy (*May Subd Geog*)  
\$x Infections<sup>1</sup> (*May Subd Geog*)  
\$x Infertility (*May Subd Geog*)  
\$x Inspection (*May Subd Geog*)  
\$x Integrated control (*May Subd Geog*)  
\$x Judging (*May Subd Geog*)  
\$x Larvae (*May Subd Geog*)  
\$x Larvae \$x Dispersal (*May Subd Geog*)  
\$x Larvae \$x Ecology (*May Subd Geog*)  
\$x Larvae \$x Effect of ultraviolet radiation on (*May Subd Geog*)  
\$x Larvae \$x Endocrinology  
\$x Larvae \$x Food (*May Subd Geog*)  
\$x Larvae \$x Geographical distribution  
\$x Larvae \$x Microbiology (*May Subd Geog*)  
\$x Law and legislation<sup>3</sup> (*May Subd Geog*)  
\$x Life cycles (*May Subd Geog*)  
\$x Locomotion (*May Subd Geog*)  
\$x Longevity (*May Subd Geog*)  
\$x Losses (*May Subd Geog*)  
\$x Manure (*May Subd Geog*)  
\$x Manure \$x Environmental aspects (*May Subd Geog*)  
\$x Manure \$x Handling (*May Subd Geog*)  
\$x Marketing  
\$x Marketing \$x Law and legislation<sup>3</sup> (*May Subd Geog*)  
\$x Marking<sup>13</sup> (*May Subd Geog*)  
\$x Mercury content (*May Subd Geog*)  
\$x Metabolism  
\$x Metabolism \$x Climatic factors (*May Subd Geog*)  
\$x Metamorphosis<sup>5</sup> (*May Subd Geog*)  
\$x Metamorphosis \$x Endocrine aspects<sup>5</sup>  
\$x Metamorphosis \$x Genetic aspects<sup>5</sup>  
\$x Metamorphosis \$x Molecular aspects<sup>5</sup>  
\$x Microbiology (*May Subd Geog*)  
\$x Migration (*May Subd Geog*)  
\$x Migration \$x Climatic factors (*May Subd Geog*)  
\$x Migration \$x Endocrine aspects  
\$x Molecular aspects  
\$x Molecular genetics  
\$x Monitoring (*May Subd Geog*)

## H 1147 Pattern Headings: Animals

- \$x Morphogenesis (*May Subd Geog*)
- \$x Morphology
- \$x Mortality (*May Subd Geog*)
- \$x Names<sup>14</sup>
- \$x Nervous system
- \$x Nests (*May Subd Geog*)
- \$x Nests \$x Abandonment (*May Subd Geog*)
- \$x Nests \$x Counting (*May Subd Geog*)
- \$v Nomenclature<sup>15</sup>
- \$v Nomenclature (Popular)<sup>16</sup>
- \$v Nomenclature (Popular) \$x French, [Italian, etc.]<sup>16</sup>
- \$x Nutrition (*May Subd Geog*)
- \$x Nutrition \$x Requirements (*May Subd Geog*)
- \$x Odor (*May Subd Geog*)
- \$x Orientation (*May Subd Geog*)
- \$x Origin
- \$x Parasites (*May Subd Geog*)
- \$x Parasites \$x Biological control (*May Subd Geog*)
- \$x Parasites \$x Control (*May Subd Geog*)
- \$x Parasites \$x Control \$x Environmental aspects (*May Subd Geog*)
- \$x Parasites \$v Identification
- \$x Parasites \$x Life cycles (*May Subd Geog*)
- \$x Parasites \$x Molecular aspects
- \$x Parturition (*May Subd Geog*)
- \$x Pathogens (*May Subd Geog*)
- \$v Pedigrees
- \$v Performance records
- \$x Photographic identification (*May Subd Geog*)
- \$x Phylogeny
- \$x Phylogeny \$x Molecular aspects
- \$x Physiological genomics
- \$x Physiology (*May Subd Geog*)
- \$x Population viability analysis (*May Subd Geog*)
- \$x Predators of (*May Subd Geog*)
- \$x Predators of \$x Control (*May Subd Geog*)
- \$x Predators of \$x Ecology (*May Subd Geog*)
- \$x Pregnancy (*May Subd Geog*)
- \$x Processing (*May Subd Geog*)
- \$x Productivity (*May Subd Geog*)
- \$x Psychic aspects (*May Subd Geog*)

## Pattern Headings: Animals H 1147

- \$x Psychological aspects<sup>17</sup>
- \$x Psychological testing (*May Subd Geog*)
- \$x Psychology<sup>18</sup>
- \$x Purchasing (*May Subd Geog*)
- \$x Quality (*May Subd Geog*)
- \$x Quarantine (*May Subd Geog*)
- \$x Racial analysis (*May Subd Geog*)
- \$x Radio tracking (*May Subd Geog*)
- \$x Radioactive contamination (*May Subd Geog*)
- \$x Recolonization (*May Subd Geog*)
- \$x Reintroduction (*May Subd Geog*)
- \$x Religious aspects
- \$x Religious aspects \$x Buddhism, [Christianity, etc.]
- \$x Reproduction<sup>19</sup>
- \$x Reproduction \$x Climatic factors (*May Subd Geog*)
- \$x Reproduction \$x Effect of altitude on (*May Subd Geog*)
- \$x Reproduction \$x Effect of light on (*May Subd Geog*)
- \$x Reproduction \$x Effect of temperature on (*May Subd Geog*)
- \$x Reproduction \$x Endocrine aspects
- \$x Reproduction \$x Regulation
- \$x Respiration (*May Subd Geog*)
- \$x Respiratory organs
- \$x Schooling (*May Subd Geog*)
- \$x Seasonal distribution (*May Subd Geog*)
- \$x Seasonal variations (*May Subd Geog*)
- \$x Selection (*May Subd Geog*)
- \$x Sense organs
- \$x Services for (*May Subd Geog*)
- \$x Sexing (*May Subd Geog*)
- \$x Sexual behavior (*May Subd Geog*)
- \$x Showing (*May Subd Geog*)
- \$x Size (*May Subd Geog*)
- \$x Spawning (*May Subd Geog*)
- \$x Speciation (*May Subd Geog*)
- \$x Speed
- \$x Spermatozoa
- \$x Spermatozoa \$x Abnormalities (*May Subd Geog*)
- \$x Spermatozoa \$x Morphology
- \$x Spermatozoa \$x Motility
- \$x Stranding (*May Subd Geog*)

## H 1147 Pattern Headings: Animals

- \$x Summering (*May Subd Geog*)
- \$x Surgery (*May Subd Geog*)
- \$x Surgery \$x Complications (*May Subd Geog*)
- \$x Surgery \$x Nursing (*May Subd Geog*)
- \$x Symbolic aspects (*May Subd Geog*)
- \$x Technological innovations (*May Subd Geog*)
- \$x Territoriality (*May Subd Geog*)
- \$x Testing
- \$x Therapeutic use (*May Subd Geog*)
- \$x Toxicology<sup>20</sup> (*May Subd Geog*)
- \$x Training (*May Subd Geog*)
- \$x Transportation (*May Subd Geog*)
- \$x Trypanotolerance (*May Subd Geog*)
- \$x Type specimens (*May Subd Geog*)
- \$x Vaccination (*May Subd Geog*)
- \$x Variation (*May Subd Geog*)
- \$x Venom<sup>20</sup> (*May Subd Geog*)
- \$x Venom resistance (*May Subd Geog*)
- \$x Vertical distribution (*May Subd Geog*)
- \$x Virus diseases<sup>1</sup> (*May Subd Geog*)
- \$x Viruses (*May Subd Geog*)
- \$x Vocalization<sup>5</sup> (*May Subd Geog*)
- \$x Vocalization \$x Regulation<sup>5</sup>
- \$x Water requirements (*May Subd Geog*)
- \$x Weight
- \$x Wintering (*May Subd Geog*)
- \$x Wounds and injuries<sup>1</sup> (*May Subd Geog*)

### NOTES

<sup>1</sup>Subdivisions on this list that represent specific pathological conditions, for example, –**Abnormalities**, –**Fractures**; –**Infections**; –**Virus diseases**; –**Wounds and injuries**, may be further subdivided by subdivisions listed under the subdivision –**Diseases**, for example, –**Diseases–Diagnosis**; **Diseases–Treatment**.

<sup>2</sup>Use –**Breeding** for the controlled mating and selection of animals by humans, usually for the purpose of improving the species or breed. Use –**Reproduction** for the physiological process by which animals generate offspring of the same kind.

<sup>3</sup>See H 1154.5 for further subdivisions used under legal topics.

<sup>4</sup>Subdivisions listed under –**Diseases** may also be used under subdivisions on this list that represent specific pathological conditions, for example, –**Infections–Diagnosis**; –**Fractures–Treatment**.

## Pattern Headings: Animals H 1147

<sup>5</sup>Not established under **Fishes**. Use under individual animals and groups of animals as appropriate.

<sup>6</sup>Assign additional headings of the type [*individual chemical*]-**Physiological effect** for individual chemicals, drugs, insecticides, pesticides, etc.

<sup>7</sup>Use **-Feeding and feeds** for the nutritional preparations provided for animals by humans as well as for the process of providing nourishment to them. Use **-Food** for the nutritional substances that animals find on their own or provide for themselves as well as for their food habits.

<sup>8</sup>Use **-Food** for the nutritional substances animals find on their own or provide for themselves as well as for their food habits. Use **-Feeding and feeds** for the nutritional preparations provided for animals by humans as well as for the process of providing nourishment to them.

<sup>9</sup>Use **-Grooming** for the human tending, cleaning, brushing, etc., of animals.

<sup>10</sup>Use **-Habitations** for the natural shelters and homes that animals build for themselves, such as burrows, dens, lairs, lodges, etc. Use **-Nests** under nesting animals. Use **-Housing** for the shelters and structures that humans construct and provide for wild or domestic animals.

<sup>11</sup>Not established under **Fishes**; use **Fish handling** instead. Use **-Handling** under other individual animals and groups of animals as appropriate.

<sup>12</sup>Use **-Housing** for the shelters and structures that humans construct and provide for wild or domestic animals. Use **-Habitations** for the natural shelters and homes that animals build for themselves.

<sup>13</sup>Not established under **Fishes**. Use **Fish tagging** instead. Use under individual animals and groups of animals as appropriate.

<sup>14</sup>Use **-Names** for the history, origin, customs, etc., of selecting personal names for individual animals.

<sup>15</sup>Use **-Nomenclature** for systematically derived lists of names or designations that have been formally adopted or sanctioned, or for discussions of the principles involved in the creation or application of those names to taxonomic groupings of animals.

<sup>16</sup>Use **-Nomenclature (Popular)** for lists or discussions of common names for animal groupings.

<sup>17</sup>Use **-Psychological aspects** for the influence of animals on the human mental condition or personality.

<sup>18</sup>Use **-Psychology** for the mental processes or characteristics of animals.

<sup>19</sup>Use **-Reproduction** for the physiological process by which animals generate offspring of the same kind. Use **-Breeding** for the controlled mating and selection of animals by humans, usually for the purpose of improving the species or breed.

<sup>20</sup>Not established under **Fishes**. Established instead under **Poisonous fishes**. Use under individual animals and groups of animals as appropriate.



## Pattern Headings: Individual Educational Institutions H 1151

**PATTERN:** Harvard University

**TYPES OF HEADINGS COVERED BY THE PATTERN:** Headings for names of individual educational institutions at all levels and of all types, including systems, which are established as corporate bodies in the name authority file. *Examples:* **Anne Arundel Community College; Muleshoe Junior High School; Medical University of South Carolina; Union Theological Seminary (New York, N.Y.); University of California (System).** The category does not include headings for types of educational institutions, which are covered by H 1151.5.

**RELATION TO H 1105:** Subdivisions on the list of free-floating subdivisions used under names of individual corporate bodies, H 1105, are also free-floating under individual educational institutions where there is no conflict. This list contains additional subdivisions appropriate for educational institutions.

**CONFLICTS:** Any subdivision listed here can be used as a free-floating subdivision under any heading belonging to this category if it is appropriate and no conflict exists in the subject authority file. Subject authority records may exist for headings employing variant phrases or subdivisions equivalent to subdivisions on this list.

*LC practice:*

If an exceptional variant form is to be retained, make a UF reference from the equivalent free-floating subdivision form following the procedures in H 195 if the reference does not yet exist. Otherwise, submit a proposal to change the variant form along with all bibliographic records requiring correction following the procedures in H 193.

*Note: Most form subdivisions coded \$v in this list may also be used as topical subdivisions coded \$x when assigned to works **about** the form (see H 1075, sec. 1.d.).*

\$x Administration  
\$x Admission  
\$v Aerial views  
\$x Alumni and alumnae<sup>1</sup> (*May Subd Geog*)  
\$x Bands  
\$x Baseball  
\$x Basketball  
\$x Benefactors<sup>1</sup>  
\$x Buildings

## H 1151 Pattern Headings: Individual Educational Institutions

\$x Buildings \$x Barrier-free design  
\$x Choral organizations  
\$x Curricula  
\$x Curricula \$v Catalogs  
\$x Degrees  
\$x Dissertations  
\$x Dissertations \$v Style manuals  
\$x Employees<sup>1</sup>  
\$x Entrance examinations  
\$x Entrance requirements  
\$x Entrance requirements \$x [*subject*]  
\$x Examinations  
\$x Examinations \$x [*subject*]  
\$x Faculty<sup>1</sup>  
\$x Faculty housing  
\$x Finance  
\$x Football  
\$x Freshmen<sup>1</sup>  
\$x Funds and scholarships  
\$x Golf  
\$x Graduate students<sup>1</sup>  
\$x Graduate work  
\$x Gymnastics  
\$x Hockey  
\$x Honor system  
\$x Language  
\$x Mascots  
\$x Open admission  
\$x Orchestras  
\$x Parking  
\$x Professional staff<sup>1</sup>  
\$x Public services  
\$v Regulations  
\$x Riot, [*date*]<sup>2</sup>  
\$x Riots  
\$x Rowing  
\$x Rugby football  
\$x Sanitary affairs  
\$x Soccer  
\$x Sports

## Pattern Headings: Individual Educational Institutions H 1151

\$x Student housing  
\$x Student strike, [date]<sup>2</sup>  
\$x Students<sup>1</sup>  
\$x Students \$v Yearbooks  
\$x Swimming  
\$x Tennis  
\$x Track and field  
\$x Tuition  
\$x Undergraduates  
\$x Volleyball  
\$x Wrestling

### *NOTES*

<sup>1</sup>See H 1100 for further subdivisions used under classes of persons.

<sup>2</sup>See H 1078 for instructions on dates in subdivisions for specific events.



## Pattern Headings: Organs and Regions of the Body H 1164

**PATTERNS:** Foot; Heart

**TYPES OF HEADINGS COVERED BY THE PATTERN:** Headings for internal or external parts of the human or animal body, including organs and organ systems, tissues, and anatomical regions. *Examples:* **Abdomen; Abdominal aorta; Bill (Anatomy); Central nervous system; Face; Femur; Gums; Hypothalamo-hypophyseal system; Intestine, Small; Middle ear; Nails (Anatomy); Nerves, Peripheral; Urinary organs.** Also included are headings for parts of the body divided by anatomical subdivisions, for example, **Brain–Ventricles; Leg–Blood-vessels.** Not covered are headings for cellular or subcellular constituents, for example, **Erythrocytes; Sex chromosomes;** and the general headings **Human body; Organs (Anatomy);** and **Tissues.**

**CONFLICTS:** Any subdivision listed here can be used as a free-floating subdivision under any heading belonging to the category if it is appropriate and no conflict exists in the subject authority file. Subject authority records may exist for headings employing variant phrases or subdivisions equivalent to subdivisions on this list.

*LC practice:*

If an exceptional variant form is to be retained, make a UF reference from the equivalent free-floating subdivision form following the procedures in H 195 if the reference does not yet exist. Otherwise, submit a proposal to change the variant form along with all bibliographic records requiring correction following the procedures in H 193.

**SPECIAL PROVISION:** Subdivisions on this list that represent diseases, injuries, or other pathological conditions, for example, **–Abnormalities; –Abscess; –Cancer; –Diseases; –Fractures; –Necrosis; –Tumors; –Ulcers; –Wounds and injuries** may be further subdivided, as appropriate, by subdivisions from the pattern list for diseases (H 1150). Further subdivisions established in the subject authority file under **Heart** or **Foot**, for example, **Heart–Diseases–Diagnosis** and **Foot–Wounds and injuries–Chiropractic treatment,** have been removed from the list below.

*Note: Most form subdivisions coded \$v in this list may also be used as topical subdivisions coded \$x when assigned to works **about** the form (see H 1075, sec. 1.d.).*

\$x Abnormalities<sup>1</sup> (*May Subd Geog*)  
\$x Abscess<sup>1</sup> (*May Subd Geog*)  
\$x Acupuncture (*May Subd Geog*)  
\$x Adaptation (*May Subd Geog*)  
\$x Aging  
\$x Aging \$x Molecular aspects  
\$x Anatomy  
\$x Ankylosis<sup>1</sup> (*May Subd Geog*)

## H 1164 Pattern Headings: Organs and Regions of the Body

- \$x Biopsy (*May Subd Geog*)
- \$x Blood-vessels
- \$x Blunt trauma<sup>1</sup> (*May Subd Geog*)
- \$x Calcification (*May Subd Geog*)
- \$x Cancer<sup>1</sup> (*May Subd Geog*)
- \$x Care and hygiene (*May Subd Geog*)
- \$x Contraction (*May Subd Geog*)
- \$x Cross-sectional imaging (*May Subd Geog*)
- \$x Cryopreservation (*May Subd Geog*)
- \$x Cryosurgery (*May Subd Geog*)
- \$x Cultures and culture media (*May Subd Geog*)
- \$x Cysts<sup>1</sup> (*May Subd Geog*)
- \$x Cytochemistry
- \$x Cytology
- \$x Cytopathology
- \$x Differentiation
- \$x Dilatation (*May Subd Geog*)
- \$x Diseases<sup>1</sup> (*May Subd Geog*)
- \$x Dislocation<sup>1</sup> (*May Subd Geog*)
- \$x Displacement<sup>1</sup>
- \$x Dissection (*May Subd Geog*)
- \$x Effect of chemicals on (*May Subd Geog*)
- \$x Effect of cold on (*May Subd Geog*)
- \$x Effect of drugs on (*May Subd Geog*)
- \$x Effect of heat on (*May Subd Geog*)
- \$x Effect of implants on (*May Subd Geog*)
- \$x Effect of magnetism on (*May Subd Geog*)
- \$x Effect of metals on (*May Subd Geog*)
- \$x Effect of radiation on (*May Subd Geog*)
- \$x Effect of space flight on
- \$x Effect of stress on (*May Subd Geog*)
- \$x Effect of vibration on (*May Subd Geog*)
- \$x Electric properties (*May Subd Geog*)
- \$x Endoscopic surgery (*May Subd Geog*)
- \$x Endoscopic surgery \$x Complications<sup>1</sup> (*May Subd Geog*)
- \$x Evolution (*May Subd Geog*)
- \$x Examination (*May Subd Geog*)
- \$x Fibrosis<sup>1</sup> (*May Subd Geog*)
- \$x Foreign bodies<sup>1</sup> (*May Subd Geog*)
- \$x Fractures<sup>1</sup> (*May Subd Geog*)

## Pattern Headings: Organs and Regions of the Body H 1164

- \$x Growth
- \$x Growth \$x Molecular aspects
- \$x Growth \$x Regulation
- \$x Hemorrhage<sup>1</sup> (*May Subd Geog*)
- \$x Histochemistry
- \$x Histology
- \$x Histopathology
- \$x Hydatids<sup>1</sup> (*May Subd Geog*)
- \$x Hypertrophy<sup>1</sup> (*May Subd Geog*)
- \$x Imaging (*May Subd Geog*)
- \$x Immunology
- \$x Infections<sup>1</sup> (*May Subd Geog*)
- \$x Innervation
- \$x Interventional radiology (*May Subd Geog*)
- \$x Laser surgery (*May Subd Geog*)
- \$x Laser surgery \$x Instruments
- \$x Lymphatics
- \$x Magnetic fields
- \$x Magnetic resonance imaging (*May Subd Geog*)
- \$x Massage (*May Subd Geog*)
- \$x Mechanical properties
- \$x Metabolism
- \$x Metabolism \$x Disorders<sup>1</sup> (*May Subd Geog*)
- \$x Metabolism \$x Endocrine aspects
- \$x Metabolism \$x Regulation
- \$x Microbiology (*May Subd Geog*)
- \$x Microscopy (*May Subd Geog*)
- \$x Models (*May Subd Geog*)
- \$x Molecular aspects
- \$x Movements
- \$x Muscles<sup>2</sup>
- \$x Necrosis<sup>1</sup> (*May Subd Geog*)
- \$x Needle biopsy (*May Subd Geog*)
- \$x Paralysis<sup>1</sup> (*May Subd Geog*)
- \$x Parasites (*May Subd Geog*)
- \$x Pathophysiology
- \$x Pathophysiology \$x Animal models
- \$x Permeability<sup>3</sup>
- \$x Phylogeny
- \$x Physiology (*May Subd Geog*)

## H 1164 Pattern Headings: Organs and Regions of the Body

\$x Precancerous conditions<sup>1</sup> (*May Subd Geog*)  
\$x Preservation (*May Subd Geog*)  
\$x Protection (*May Subd Geog*)  
\$x Psychophysiology  
\$x Radiation injuries<sup>1</sup> (*May Subd Geog*)  
\$x Radiography (*May Subd Geog*)  
\$x Radiography \$x Law and legislation<sup>4</sup> (*May Subd Geog*)  
\$x Radiography \$x Positioning (*May Subd Geog*)  
\$x Radionuclide imaging (*May Subd Geog*)  
\$x Regeneration (*May Subd Geog*)  
\$x Reimplantation (*May Subd Geog*)  
\$x Religious aspects  
\$x Religious aspects \$x Buddhism, [Christianity, etc.]  
\$x Reoperation (*May Subd Geog*)  
\$x Rupture<sup>1</sup> (*May Subd Geog*)  
\$x Secretions  
\$x Sex differences (*May Subd Geog*)  
\$x Size (*May Subd Geog*)  
\$x Sounds  
\$x Spectroscopic imaging (*May Subd Geog*)  
\$x Surgery (*May Subd Geog*)  
\$x Surgery \$x Complications<sup>1</sup> (*May Subd Geog*)  
\$x Surgery \$x Instruments  
\$x Surgery \$x Instruments \$x Sterilization (*May Subd Geog*)  
\$x Surgery \$x Nursing (*May Subd Geog*)  
\$x Surgery \$x Nutritional aspects (*May Subd Geog*)  
\$x Surgery \$x Patients<sup>5</sup> (*May Subd Geog*)  
\$x Surgery \$x Risk factors (*May Subd Geog*)  
\$x Symbolic aspects (*May Subd Geog*)  
\$x Syphilis<sup>1</sup> (*May Subd Geog*)  
\$x Thermography (*May Subd Geog*)  
\$x Tomography (*May Subd Geog*)  
\$x Traction (*May Subd Geog*)  
\$x Transplantation (*May Subd Geog*)  
\$x Transplantation \$x Complications<sup>1</sup> (*May Subd Geog*)  
\$x Transplantation \$x Immunological aspects  
\$x Transplantation \$x Law and legislation<sup>4</sup> (*May Subd Geog*)  
\$x Transplantation \$x Nursing (*May Subd Geog*)  
\$x Transplantation \$x Patients<sup>5</sup> (*May Subd Geog*)  
\$x Tuberculosis<sup>1</sup> (*May Subd Geog*)

## Pattern Headings: Organs and Regions of the Body H 1164

- \$x Tumors<sup>1</sup> (*May Subd Geog*)
- \$x Ulcers<sup>1</sup> (*May Subd Geog*)
- \$x Ultrasonic imaging<sup>6</sup> (*May Subd Geog*)
- \$x Ultrastructure
- \$x Variation (*May Subd Geog*)
- \$x Weight
- \$x Wounds and injuries<sup>1</sup> (*May Subd Geog*)

### NOTES

<sup>1</sup>See H 1150 for further subdivisions used under diseases.

<sup>2</sup>Not established under **Heart**. Use **Myocardium** for the muscular substance of the heart.

<sup>3</sup>Not established under **Heart** or **Foot**. Use under other organs and regions of the body as appropriate.

<sup>4</sup>See H 1154.5 for further subdivisions used under legal topics.

<sup>5</sup>See H 1100 for further subdivisions used under classes of persons.

<sup>6</sup>Not established under **Heart**. Use under parts of the body other than **Brain** and **Heart**. For ultrasonic imaging of the brain, use **Ultrasonic encephalography**; for ultrasonic imaging of the heart, use **Echocardiography**.



## Pattern Headings: Plants and Crops H 1180

**PATTERN:** Corn

**TYPES OF HEADINGS COVERED BY THE PATTERN:** Headings for individual plants and crops and groups of plants and crops, including algae, fungi, and lichens, at all taxonomic levels, established using either common or scientific names. The pattern also covers headings for extinct and fossil plants. *Examples:* **Camellias; Eucalyptus alba; Rice; Basidiomycetes; Forage plants; Grain; Fruit; Weeds; Yeast fungi; Davis' peppergrass; Franklinia; Gymnosperms, Fossil.** The category does not include the headings **Plants; Plants, Cultivated; Crops; and Field crops.**

**CONFLICTS:** Any subdivision listed here can be used as a free-floating subdivision under any heading belonging to the category if it is appropriate and no conflict exists in the subject authority file. Subject authority records may exist for headings employing variant phrases or subdivisions equivalent to subdivisions on this list.

*LC practice:*

If an exceptional variant form is to be retained, make a UF reference from the equivalent free-floating subdivision form following the procedures in H 195 if the reference does not yet exist. Otherwise, submit a proposal to change the variant form along with all bibliographic records requiring correction following the procedures in H 193.

*Note: Most form subdivisions coded \$v in this list may also be used as topical subdivisions coded \$x when assigned to works **about** the form (see H 1075, sec. 1.d.).*

- \$x Abnormalities (*May Subd Geog*)
- \$x Adaptation (*May Subd Geog*)
- \$x Age (*May Subd Geog*)
- \$x Age determination (*May Subd Geog*)
- \$x Aging
- \$x Aging \$x Genetic aspects
- \$x Analysis
- \$x Anatomy
- \$x Artificial growing media
- \$x Biological control (*May Subd Geog*)
- \$x Biotechnology (*May Subd Geog*)
- \$x Breeding<sup>1</sup> (*May Subd Geog*)
- \$v Catalogs and collections (*May Subd Geog*)
- \$x Chemical defenses (*May Subd Geog*)
- \$x Chemotaxonomy (*May Subd Geog*)

## H 1180 Pattern Headings: Plants and Crops

- \$x Cladistic analysis (*May Subd Geog*)
- \$v Classification
- \$x Classification \$x Molecular aspects
- \$x Climatic factors (*May Subd Geog*)
- \$x Clones (*May Subd Geog*)
- \$x Clones \$x Selection (*May Subd Geog*)
- \$x Clones \$x Variation (*May Subd Geog*)
- \$x Collection and preservation (*May Subd Geog*)
- \$x Colonization (*May Subd Geog*)
- \$x Color (*May Subd Geog*)
- \$x Color \$x Fading (*May Subd Geog*)
- \$x Color \$x Fading \$x Control (*May Subd Geog*)
- \$x Color \$x Genetic aspects
- \$x Composition
- \$x Conservation<sup>2</sup> (*May Subd Geog*)
- \$x Conservation \$x Law and legislation<sup>2,3</sup> (*May Subd Geog*)
- \$x Control (*May Subd Geog*)
- \$x Control \$x Environmental aspects (*May Subd Geog*)
- \$x Control \$x Law and legislation<sup>3</sup> (*May Subd Geog*)
- \$x Cooling (*May Subd Geog*)
- \$x Cooperative marketing (*May Subd Geog*)
- \$x Counting (*May Subd Geog*)
- \$x Cultural control (*May Subd Geog*)
- \$x Cuttings (*May Subd Geog*)
- \$x Cytochemistry
- \$x Cytogenetics
- \$x Cytology
- \$x Cytotaxonomy (*May Subd Geog*)
- \$x Defenses (*May Subd Geog*)
- \$x Development (*May Subd Geog*)
- \$x Disease and pest resistance (*May Subd Geog*)
- \$x Disease and pest resistance \$x Genetic aspects
- \$x Disease-free stock (*May Subd Geog*)
- \$x Diseases and pests (*May Subd Geog*)
- \$x Diseases and pests \$x Biological control (*May Subd Geog*)
- \$x Diseases and pests \$x Control (*May Subd Geog*)
- \$x Diseases and pests \$x Control \$x Environmental aspects (*May Subd Geog*)
- \$x Diseases and pests \$x Cultural control (*May Subd Geog*)
- \$x Diseases and pests \$v Identification
- \$x Diseases and pests \$x Integrated control (*May Subd Geog*)

## Pattern Headings: Plants and Crops H 1180

- \$x Diseases and pests \$x Monitoring (*May Subd Geog*)
- \$x Diseases and pests \$x Nutritional aspects (*May Subd Geog*)
- \$x Dispersal (*May Subd Geog*)
- \$x Dormancy (*May Subd Geog*)
- \$x Drought tolerance (*May Subd Geog*)
- \$x Drying (*May Subd Geog*)
- \$x Ecology (*May Subd Geog*)
- \$x Ecophysiology (*May Subd Geog*)
- \$x Effect of acid deposition on (*May Subd Geog*)
- \$x Effect of acid precipitation on (*May Subd Geog*)
- \$x Effect of air pollution on (*May Subd Geog*)
- \$x Effect of air pollution on \$x Genetic aspects
- \$x Effect of aluminum sulfate on (*May Subd Geog*)
- \$x Effect of arsenic on (*May Subd Geog*)
- \$x Effect of atmospheric carbon dioxide on (*May Subd Geog*)
- \$x Effect of atmospheric deposition on (*May Subd Geog*)
- \$x Effect of atmospheric nitrogen dioxide on (*May Subd Geog*)
- \$x Effect of atmospheric ozone on (*May Subd Geog*)
- \$x Effect of browsing on<sup>2</sup> (*May Subd Geog*)
- \$x Effect of cadmium on (*May Subd Geog*)
- \$x Effect of cold on (*May Subd Geog*)
- \$x Effect of dichlorophenoxyacetic acid on (*May Subd Geog*)
- \$x Effect of dredging on<sup>2</sup> (*May Subd Geog*)
- \$x Effect of drought on (*May Subd Geog*)
- \$x Effect of ethephon on (*May Subd Geog*)
- \$x Effect of factory and trade waste on (*May Subd Geog*)
- \$x Effect of ferrous sulfate on (*May Subd Geog*)
- \$x Effect of fires on (*May Subd Geog*)
- \$x Effect of fires on \$x Genetic aspects
- \$x Effect of floods on (*May Subd Geog*)
- \$x Effect of fluorides on (*May Subd Geog*)
- \$x Effect of fluorine on (*May Subd Geog*)
- \$x Effect of freezes on (*May Subd Geog*)
- \$x Effect of gamma rays on (*May Subd Geog*)
- \$x Effect of gases on (*May Subd Geog*)
- \$x Effect of global warming on (*May Subd Geog*)
- \$x Effect of glyphosate on (*May Subd Geog*)
- \$x Effect of grazing on (*May Subd Geog*)
- \$x Effect of greenhouse gases on (*May Subd Geog*)
- \$x Effect of heavy metals on (*May Subd Geog*)

## H 1180 Pattern Headings: Plants and Crops

- \$x Effect of ice on (*May Subd Geog*)
- \$x Effect of iron on (*May Subd Geog*)
- \$x Effect of light on (*May Subd Geog*)
- \$x Effect of magnesium on (*May Subd Geog*)
- \$x Effect of manganese on (*May Subd Geog*)
- \$x Effect of minerals on (*May Subd Geog*)
- \$x Effect of off-road vehicles on (*May Subd Geog*)
- \$x Effect of oxygen on (*May Subd Geog*)
- \$x Effect of ozone on (*May Subd Geog*)
- \$x Effect of pesticides on (*May Subd Geog*)
- \$x Effect of poaching on (*May Subd Geog*)
- \$x Effect of pollution on (*May Subd Geog*)
- \$x Effect of potassium on (*May Subd Geog*)
- \$x Effect of radiation on (*May Subd Geog*)
- \$x Effect of radioactive pollution on (*May Subd Geog*)
- \$x Effect of salt on (*May Subd Geog*)
- \$x Effect of soil acidity on (*May Subd Geog*)
- \$x Effect of stress on (*May Subd Geog*)
- \$x Effect of sulfates on (*May Subd Geog*)
- \$x Effect of sulfur on (*May Subd Geog*)
- \$x Effect of temperature on (*May Subd Geog*)
- \$x Effect of thermal pollution on (*May Subd Geog*)
- \$x Effect of trampling on (*May Subd Geog*)
- \$x Effect of trichloroethylene on (*May Subd Geog*)
- \$x Effect of turbidity on (*May Subd Geog*)
- \$x Effect of ultraviolet radiation on (*May Subd Geog*)
- \$x Effect of volcanic eruptions on (*May Subd Geog*)
- \$x Effect of water levels on<sup>2</sup> (*May Subd Geog*)
- \$x Effect of water pollution on (*May Subd Geog*)
- \$x Effect of water waves on<sup>2</sup> (*May Subd Geog*)
- \$x Effect of wind on (*May Subd Geog*)
- \$x Electric properties (*May Subd Geog*)
- \$x Embryology
- \$x Embryos (*May Subd Geog*)
- \$x Embryos \$x Nutrition (*May Subd Geog*)
- \$x Equipment and supplies
- \$x Evolution (*May Subd Geog*)
- \$x Fertilizers (*May Subd Geog*)
- \$x Field experiments
- \$x Flowering

## Pattern Headings: Plants and Crops H 1180

- \$x Flowering time
- \$x Frost damage (*May Subd Geog*)
- \$x Frost protection (*May Subd Geog*)
- \$x Frost resistance (*May Subd Geog*)
- \$x Fumigation (*May Subd Geog*)
- \$x Genetic engineering (*May Subd Geog*)
- \$x Genetics
- \$x Genome mapping (*May Subd Geog*)
- \$x Geographical distribution
- \$x Geographical distribution \$x Climatic factors (*May Subd Geog*)
- \$x Germplasm resources (*May Subd Geog*)
- \$x Germplasm resources \$v Catalogs and collections (*May Subd Geog*)
- \$x Germplasm resources \$x Cryopreservation (*May Subd Geog*)
- \$v Gift books
- \$x Grading (*May Subd Geog*)
- \$x Grafting (*May Subd Geog*)
- \$x Growing media
- \$x Growth
- \$x Habitat (*May Subd Geog*)
- \$x Handling (*May Subd Geog*)
- \$x Hardiness (*May Subd Geog*)
- \$x Harvesting (*May Subd Geog*)
- \$x Harvesting \$x Machinery (*May Subd Geog*)
- \$x Harvesting time (*May Subd Geog*)
- \$x Health (*May Subd Geog*)
- \$x Heirloom varieties (*May Subd Geog*)
- \$x Herbicide injuries (*May Subd Geog*)
- \$x Histochemistry
- \$x Husking (*May Subd Geog*)
- \$x Hybridization (*May Subd Geog*)
- \$v Identification
- \$x Industrial applications (*May Subd Geog*)
- \$x Inoculation (*May Subd Geog*)
- \$x Insect resistance (*May Subd Geog*)
- \$x Insect resistance \$x Genetic aspects
- \$x Inspection (*May Subd Geog*)
- \$x Integrated control (*May Subd Geog*)
- \$x Irrigation (*May Subd Geog*)
- \$x Judging (*May Subd Geog*)
- \$x Law and legislation<sup>3</sup> (*May Subd Geog*)

## H 1180 Pattern Headings: Plants and Crops

- \$x Life cycles (*May Subd Geog*)
- \$x Location (*May Subd Geog*)
- \$x Longevity (*May Subd Geog*)
- \$x Losses (*May Subd Geog*)
- \$x Losses \$x Prevention
- \$x Machinery (*May Subd Geog*)
- \$x Marketing
- \$x Mechanical properties
- \$x Metabolism
- \$x Microbiology (*May Subd Geog*)
- \$x Micropropagation (*May Subd Geog*)
- \$x Microscopy (*May Subd Geog*)
- \$x Milling (*May Subd Geog*)
- \$x Moisture (*May Subd Geog*)
- \$x Molecular aspects
- \$x Molecular genetics
- \$x Monitoring (*May Subd Geog*)
- \$x Morphogenesis (*May Subd Geog*)
- \$x Morphology
- \$x Mortality
- \$x Mulching (*May Subd Geog*)
- \$x Mutation breeding (*May Subd Geog*)
- \$v Nomenclature
- \$v Nomenclature (Popular)
- \$x Nutrition (*May Subd Geog*)
- \$x Organic farming (*May Subd Geog*)
- \$x Origin
- \$x Osmotic potential (*May Subd Geog*)
- \$x Packaging (*May Subd Geog*)
- \$x Packing (*May Subd Geog*)
- \$x Palynotaxonomy (*May Subd Geog*)
- \$x Phenology
- \$x Photomorphogenesis
- \$x Phylogeny
- \$x Phylogeny \$x Molecular aspects
- \$x Physiological effect (*May Subd Geog*)
- \$x Physiology (*May Subd Geog*)
- \$x Planting (*May Subd Geog*)
- \$x Planting time (*May Subd Geog*)
- \$x Pollen (*May Subd Geog*)

## Pattern Headings: Plants and Crops H 1180

\$x Pollen \$x Morphology  
\$x Pollen management (*May Subd Geog*)  
\$x Pollination (*May Subd Geog*)  
\$x Population regeneration<sup>2</sup> (*May Subd Geog*)  
\$x Population viability analysis<sup>2</sup> (*May Subd Geog*)  
\$x Postharvest diseases and injuries (*May Subd Geog*)  
\$x Postharvest diseases and injuries \$x Biological control (*May Subd Geog*)  
\$x Postharvest diseases and injuries \$x Integrated control (*May Subd Geog*)  
\$x Postharvest losses (*May Subd Geog*)  
\$x Postharvest losses \$x Prevention  
\$x Postharvest physiology (*May Subd Geog*)  
\$x Postharvest technology (*May Subd Geog*)  
\$x Precooling (*May Subd Geog*)  
\$x Preharvest sprouting (*May Subd Geog*)  
\$x Preservation (*May Subd Geog*)  
\$x Prices (*May Subd Geog*)  
\$x Processing (*May Subd Geog*)  
\$x Processing \$x Machinery (*May Subd Geog*)  
\$x Propagation (*May Subd Geog*)  
\$x Protection (*May Subd Geog*)  
\$x Protection \$x Law and legislation<sup>3</sup> (*May Subd Geog*)  
\$x Provenance trials (*May Subd Geog*)  
\$x Provenances (*May Subd Geog*)  
\$x Pruning (*May Subd Geog*)  
\$x Psychic aspects (*May Subd Geog*)  
\$x Quality (*May Subd Geog*)  
\$x Radiation preservation (*May Subd Geog*)  
\$x Radioactive contamination (*May Subd Geog*)  
\$x Radiography (*May Subd Geog*)  
\$x Regeneration (*May Subd Geog*)  
\$x Reintroduction<sup>2</sup> (*May Subd Geog*)  
\$x Religious aspects  
\$x Religious aspects \$x Baptists, [Catholic Church, etc.]  
\$x Religious aspects \$x Buddhism, [Christianity, etc.]  
\$x Reproduction<sup>4</sup>  
\$x Research (*May Subd Geog*)  
\$x Research \$x Law and legislation<sup>1</sup> (*May Subd Geog*)  
\$x Residues (*May Subd Geog*)  
\$x Ripening (*May Subd Geog*)  
\$x Roots

## H 1180 Pattern Headings: Plants and Crops

- \$x Roots \$x Anatomy
- \$x Roots \$x Diseases and pests (*May Subd Geog*)
- \$x Roots \$x Physiology (*May Subd Geog*)
- \$x Rootstocks (*May Subd Geog*)
- \$x Sampling (*May Subd Geog*)
- \$x Seasonal variations (*May Subd Geog*)
- \$x Seedlings
- \$x Seedlings \$x Ecophysiology (*May Subd Geog*)
- \$x Seedlings \$x Effect of browsing on<sup>2</sup> (*May Subd Geog*)
- \$x Seedlings \$x Evaluation
- \$x Seedlings \$x Protection (*May Subd Geog*)
- \$x Seedlings \$x Quality (*May Subd Geog*)
- \$x Seedlings \$x Roots
- \$x Seedlings, Bareroot
- \$x Seedlings, Container
- \$x Seeds (*May Subd Geog*)
- \$x Seeds \$x Anatomy
- \$x Seeds \$x Certification (*May Subd Geog*)
- \$x Seeds \$x Climatic factors (*May Subd Geog*)
- \$x Seeds \$x Dispersal (*May Subd Geog*)
- \$x Seeds \$x Dormancy (*May Subd Geog*)
- \$x Seeds \$x Drying (*May Subd Geog*)
- \$x Seeds \$x Handling (*May Subd Geog*)
- \$x Seeds \$x Harvesting (*May Subd Geog*)
- \$x Seeds \$v Identification
- \$x Seeds \$x Marketing
- \$x Seeds \$x Morphology
- \$x Seeds \$x Packaging (*May Subd Geog*)
- \$x Seeds \$x Physiology (*May Subd Geog*)
- \$x Seeds \$x Postharvest technology (*May Subd Geog*)
- \$x Seeds \$x Predators of (*May Subd Geog*)
- \$x Seeds \$x Processing (*May Subd Geog*)
- \$x Seeds \$x Quality (*May Subd Geog*)
- \$x Seeds \$x Storage (*May Subd Geog*)
- \$x Seeds \$x Testing
- \$x Seeds \$x Viability (*May Subd Geog*)
- \$x Selection (*May Subd Geog*)
- \$x Sensory evaluation (*May Subd Geog*)
- \$x Shelling (*May Subd Geog*)
- \$x Shelling \$x Machinery (*May Subd Geog*)

## Pattern Headings: Plants and Crops H 1180

- \$x Showing (*May Subd Geog*)
- \$x Silage (*May Subd Geog*)
- \$x Silica content (*May Subd Geog*)
- \$x Size (*May Subd Geog*)
- \$x Soils (*May Subd Geog*)
- \$x Somatic embryogenesis (*May Subd Geog*)
- \$x Sowing (*May Subd Geog*)
- \$x Spacing (*May Subd Geog*)
- \$x Spores<sup>2</sup> (*May Subd Geog*)
- \$x Spores \$x Morphology<sup>2</sup>
- \$x Speciation (*May Subd Geog*)
- \$x Storage (*May Subd Geog*)
- \$x Storage \$x Climatic factors (*May Subd Geog*)
- \$x Storage \$x Diseases and injuries (*May Subd Geog*)
- \$x Technological innovations (*May Subd Geog*)
- \$x Temperature (*May Subd Geog*)
- \$x Therapeutic use (*May Subd Geog*)
- \$x Therapeutic use \$x Side effects (*May Subd Geog*)
- \$x Thermal properties (*May Subd Geog*)
- \$x Thinning (*May Subd Geog*)
- \$x Threshing (*May Subd Geog*)
- \$x Threshing \$x Machinery (*May Subd Geog*)
- \$x Toxicology (*May Subd Geog*)
- \$x Training (*May Subd Geog*)
- \$x Transplanting (*May Subd Geog*)
- \$x Transplanting \$x Machinery (*May Subd Geog*)
- \$x Transportation (*May Subd Geog*)
- \$x Transportation \$x Diseases and injuries (*May Subd Geog*)
- \$x Type specimens (*May Subd Geog*)
- \$x Ultrastructure
- \$x Utilization (*May Subd Geog*)
- \$x Varieties (*May Subd Geog*)
- \$x Variation<sup>2</sup> (*May Subd Geog*)
- \$x Vegetative propagation (*May Subd Geog*)
- \$x Vertical distribution<sup>2</sup> (*May Subd Geog*)
- \$x Vitality (*May Subd Geog*)
- \$x Water requirements (*May Subd Geog*)
- \$x Weed control (*May Subd Geog*)
- \$x Wounds and injuries (*May Subd Geog*)
- \$x Wounds and injuries \$x Diagnosis (*May Subd Geog*)

## H 1180 Pattern Headings: Plants and Crops

\$.x Yields (*May Subd Geog*)

### NOTES

<sup>1</sup>Use **–Breeding** for the controlled mating and selection of plants by humans, usually for the purpose of improving the species or variety. Use **–Reproduction** for the physiological processes by which plants generate offspring of the same kind.

<sup>2</sup>Not established under **Corn**. Use under other plants as appropriate, for example, **Grasses–Conservation; Forest plants–Effect of browsing on; Aquatic plants–Effect of dredging on; Helophytes–Effect of water levels on; Aquatic plants–Population regeneration; Grasses–Population viability analysis; Grasses–Reintroduction; Trees–Seedlings–Effect of browsing on; Ferns–Spores; Grasses–Variation; Phytoplankton–Vertical distribution.**

<sup>3</sup>See H 1154.5 for further subdivisions used under legal topics.

<sup>4</sup>Use **–Reproduction** for the physiological processes by which plants generate offspring of the same kind. Use **–Breeding** for the controlled mating and selection of plants by humans, usually for the purpose of improving the species or variety.

## Pattern Headings: Sacred Works H 1188

\$x Study and teaching (*May Subd Geog*)  
\$x Study and teaching \$x Baptists, [Catholic Church, etc.]  
\$x Teenagers' use (*May Subd Geog*)  
\$v Terminology  
\$x Terminology \$x Pronunciation  
\$v Textbooks  
\$x Theology  
\$x Titles of books  
\$x Translating (*May Subd Geog*)  
\$x Use  
\$x Use in hymns  
\$x Versions<sup>4</sup>  
\$x Versions \$x Authorized, [Living Bible, Revised Standard, etc.]  
\$x Versions, African, [Indic, Slavic, etc.]<sup>5</sup>  
\$x Versions, Baptist  
\$x Versions, Catholic  
\$x Versions, Catholic vs. Protestant  
\$x Versions, Hussite  
\$x Versions, Jehovah's Witnesses

### NOTES

<sup>1</sup>Use only under **Bible. O.T.** or individual parts or books of the Old Testament.

<sup>2</sup>Use only under individual books or groups of books of the Bible. Make a duplicate entry under the reverse. *Example:*

```
630 00 $a Bible. $p O.T. $p Psalms $x Relation to Jeremiah.  
630 00 $a Bible. $p O.T. $p Jeremiah $x Relation to Psalms.
```

<sup>3</sup>Use only under the New Testament or under individual books or groups of books of the New Testament. Make a duplicate entry under the reverse. *Example:*

```
630 00 $a Bible. $p N.T. $p Matthew $x Relation to the Old Testament.  
630 00 $a Bible. $p O.T. $x Relation to Matthew.
```

<sup>4</sup>See H 1300 for instructions on the use of the subdivision –**Versions**.

<sup>5</sup>Assign the adjectival qualifier for groups of languages only. For works on translations of the Bible into individual languages, assign: **Bible. [language]–Versions**. For works on particular translations, use **Bible. [language]–Versions–[name of version]**, for example, **Bible. English–Versions–Authorized**.



## Catalogs of Library Materials H 1361

**BACKGROUND:** *This instruction sheet provides guidelines for assigning headings to works that are catalogs of various types of library materials. These guidelines follow, whenever possible, the more general principles for catalogs presented in H 1360. For provisions applicable to publishers' catalogs, including publishers' catalogs of works in microform, see H 1965.*

*Note: The order of headings used in the text and examples below is not significant since the arrangement of headings depends largely upon the class number assigned to the work being cataloged (cf. H 80).*

### 1. Library catalogs of printed works on a subject.

**a. General rule.** Assign the following combination of headings to library catalogs of printed works on a specific topic:

650 #0 \$a [topic of the works listed] \$v Bibliography  
\$v Catalogs.

*or, if the catalog is limited to periodicals:*

650 #0 \$a [topic of the works listed] \$x Periodicals  
\$v Bibliography \$v Catalogs.

610 X0 \$a [name of the institution] \$v Catalogs.

6XX X0 \$a [name of the collection, if any] \$v Catalogs.

*Example:*

650 #0 \$a Medicine \$v Bibliography \$v Catalogs.

610 #0 \$a John Smith Medical Library \$v Catalogs.

600 10 \$a Doe, John \$x Library \$v Catalogs.

*Note: Following the provisions of H 1427, the name of a private book collection is normally a personal name with the subdivision –Library.*

## H 1361 Catalogs of Library Materials

### 1. *Library catalogs of printed works on a subject.* (Continued)

**b. Union catalogs.** If the catalog is a union catalog, assign the following two headings:

```
650 #0 $a [topic] $v Bibliography $v Union lists.  
(or 650 #0 $a [topic] $x Periodicals $v Bibliography $v Union  
lists.)  
650 #0 $a Catalogs, Union $z [place]
```

**c. Imprints.** For catalogs listing imprints, that is, works published in a particular place or in a particular language, see H 1660.

### 2. *General library catalogs of printed works.* To library catalogs not limited to a specific topic, assign one or both of the following headings, as appropriate:

```
610 X0 $a [name of the institution] $v Catalogs.  
6XX X0 $a [name of the collection, if any] $v Catalogs.
```

### 3. *Catalogs of specific types or categories of books.* To catalogs limited to a specific type or category of books, assign the heading for the type of books with the subdivision **–Bibliography–Catalogs**. *Examples:*

```
650 #0 $a Early printed books $v Bibliography $v Catalogs.  
650 #0 $a Private press books $v Bibliography $v Catalogs.
```

### 4. *Catalogs of audiovisual materials.*

**a. General rule.** Assign to catalogs of audiovisual materials (all forms treated collectively) on a topic the following combination of headings:

```
650 #0 $a [topic] $x Audio-visual aids $v Catalogs.  
(or 650 #0 $a [topic] $x Study and teaching $x Audio-visual aids  
$v Catalogs.)  
(or 650 #0 $a Audio-visual materials $v Catalogs.)  
[Assign this heading if the catalog is nontopical.]  
610 X0 $a [name of the institution] $v Catalogs.  
6XX X0 $a [name of the collection, if any] $v Catalogs.
```

**BACKGROUND:** Subject headings of the type *[place]–Census* or *[ethnic group]–Census* are assigned to works that consist of, or discuss, data obtained as a result of censuses. Specific censuses are identified by adding the date, or the number and date, to the subdivision. Prior to the implementation of AACR2, descriptive catalogers assigned a related-work added entry to works consisting of data obtained as a result of specific censuses, for example, **United States. Census Office. 10th census, 1880.** However, under AACR2 all census publications are entered under title, related-work added entries are not made, and subject catalogers are always responsible for identifying and designating specific censuses when cataloging census publications.

**1. General rule.** Use the subdivision **–Census** under names of places or ethnic groups for works consisting of official counts of the population of a place or group, generally including vital statistics and other classified information relating to social and economic conditions; or for works that discuss censuses. Code **–Census** as a \$v subfield if the work consists almost entirely of statistical data from a census, such as an official edition of the census. Code it as an \$x subfield if the work consists primarily of analysis and discussion of the census data, even though it may include some actual statistics as well. *Examples:*

*Title: Counting America : the story of the United States census.*  
651 #0 \$a United States \$x Census.

*Title: Population changes among the northern Plains Indians.*  
[an analysis of data from various censuses]  
650 #0 \$a Indians of North America \$z Great Plains  
\$x Census.

For works limited to a specific census add the date of the census to the subdivision. *Examples:*

*Title: Census of India, 1991 : historical and world perspective.*  
651 #0 \$a India \$x Census, 1991.

*Title: Census of population (1990) : Asian and Pacific Islanders in the United States.*  
[work consists of data extracted from the 1990 census and published  
by the Bureau of the Census]  
650 #0 \$a Asian Americans \$v Census, 1990.  
650 #0 \$a Pacific Islander Americans \$v Census, 1990.  
650 #0 \$a United States \$v Census, 1990.

## H 1366 Census

**2. When to assign a census heading.** If a work consists of, or discusses, data abstracted from a census, assign census headings of the above type to the work.

Assign a heading for the jurisdiction conducting the official count. If the locality surveyed is different from the jurisdiction conducting the count, assign a heading for both. Designate the specific census if it is possible to do so. *Example:*

*Title: The 1990 federal census of California : an analysis of the data.*  
651 #0 \$a United States \$x Census, 1990.  
651 #0 \$a California \$x Census, 1990.

**3. Special topic and a census.** If the work contains information abstracted from a particular census on a special topic, assign a heading for the census and for the topic. *Example:*

*Title: Census of housing (1990)*  
650 #0 \$a Housing \$z United States \$v Statistics.  
651 #0 \$a United States \$v Census, 1990.

**4. Special topic, census, and locality.** If the work contains information abstracted from a particular national census on a topic and special locality within the country of the census, assign a heading for all three aspects, the national census, the topic, and the special locality. *Example:*

*Title: Occupations in Virginia : data from the 1970 census.*  
650 #0 \$a Occupations \$z Virginia \$v Statistics.  
651 #0 \$a Virginia \$v Census, 1970.  
651 #0 \$a United States \$v Census, 1970.

**5. Genealogical works.** Works belonging to this genre consist of information taken from individual census returns for the sake of its genealogical value. They are not normally statistical in nature.

To such works assign both the genealogical headings required to bring out their special contents (see, for example, H 1631 and H 1845) and the census headings required by this instruction sheet. These headings include the following:

650 #0 \$a [*typical genealogical headings, such as Registers of births, etc.; Slave records; Military pensions*].  
651 #0 \$a [*locality*] \$v Genealogy.  
651 #0 \$a [*national census heading*].  
651 #0 \$a [*heading for locality of census*].

**5. Genealogical works. (Continued)**

*Examples:*

*Title: Free Black heads of household in the New York State federal census, 1830.*

- 650 #0 \$a African Americans \$z New York (State) \$v Genealogy.
- 650 #0 \$a Heads of households \$z New York (State)
- 651 #0 \$a New York (State) \$v Genealogy.
- 651 #0 \$a New York (State) \$v Census, 1830.
- 651 #0 \$a United States \$v Census, 1830.

*Title: A census of pensioners in Ohio for the Revolutionary War as returned by the marshals during the taking of the 6th federal census in 1840.*

- 650 #0 \$a Military pensions \$z United States \$y Revolution, 1775-1783.
- 651 #0 \$a Ohio \$v Genealogy.
- 651 #0 \$a United States \$x History \$y Revolution, 1775-1783 \$v Registers.
- 651 #0 \$a Ohio \$v Census, 1840.
- 651 #0 \$a United States \$v Census, 1840.



## Fictitious Characters H 1610

3. *Geographic subdivision.* Code headings for fictitious characters as **Not Subdivided Geographically**.

4. *Named groups of characters.* Establish named groups of fictitious characters according to the same pattern as individual characters. Use as a qualifier the term (**Fictitious characters**).  
*Examples:*

```
150 ## $a Hardy Boys (Fictitious characters)
150 ## $a Sartoris family (Fictitious characters)
```

Add 450 fields with references from variant names by which the group is known. *Example:*

```
150 ## $a Cartwright family (Fictitious characters)
450 ## $a Cartwright clan (Fictitious characters)
450 ## $a Cartwrights (Fictitious characters)
```

Do not establish individual characters, including married couples, who appear together in a fictional work, as a group. Instead, establish them as separate characters. *Example:*

```
150 ## $a North, Jerry (Fictitious character)
150 ## $a North, Pam (Fictitious character)
```

[*not* 150 ## \$a North, Mr. and Mrs. (Fictitious characters)]

5. *Assignment of headings.*

*a. Literary texts.* Assign a heading for a fictitious character to collections of literary texts featuring the character, using the subdivisions **–Fiction**, **–Drama**, **–Poetry**, or **–Literary collections** as appropriate.

For individual plays or poems assign a heading only if the character has been borrowed by the author from another author or source and used in the creation of a new work. Do not assign a heading for works that are simply adaptations of another author's work.

*LC practice:*

Do not assign a heading for a fictitious character to an individual work of fiction, except for records that are cataloged according to special provisions for increased access to fiction (see H 1790).

## H 1610 Fictitious Characters

### 5. *Assignment of headings.* (Continued)

**b. Works about the character.** Assign a heading without further subdivision to general works on a fictitious character.

For works limited to specific media, use the heading with an appropriate qualifying phrase such as **... in art, ... in literature, ... in mass media.**

*Exception:* Do not use **... in literature** for literary characters. Use the phrase **... in literature** only for characters borrowed from other media, for example, **Snoopy (Fictitious character) in literature.**

For works on the use of a fictitious character by an individual author, assign also a heading of the type [*name of author*]-**Characters**-[*name of character*] (cf. H 1110).

## Genealogy and Family Names H 1631

**BACKGROUND:** *Genealogy is the study of family history and the accounts and records of the ancestry and descent of persons, families, groups, etc. This instruction sheet provides guidelines for cataloging genealogy materials, including works on individual families. For instructions on establishing names of noble families, royal houses, dynasties, etc., see H 1574. For instructions on cataloging local history and genealogical source materials, see H 1845. For classification of genealogical materials, see F 600.*

**1. The heading *Genealogy*.** Assign the heading **Genealogy** to general works on the study of ancestry not limited to a particular place, including works on methods of locating and using various types of documents in order to create a family tree or write a family history.

Do not subdivide this heading by **–Handbooks, manuals, etc.**, **–History**, **–Methodology**, **–Research**, or **–Sources**.

**2. The subdivision *–Genealogy*.**

**a. General.** Assign the free-floating form subdivision **–Genealogy** under names of places, individual corporate bodies, classes of persons, and ethnic groups to works that contain collections of family records and/or histories of families from the place or belonging to the organization, class of persons, or ethnic group. *Examples:*

```
650 #0 $a African Americans $v Genealogy.  
651 #0 $a California $v Genealogy.  
651 #0 $a France $v Genealogy.  
650 #0 $a Mexican Americans $z Texas $v Genealogy.  
650 #0 $a Kings and rulers $v Genealogy.  
651 #0 $a London (England) $v Genealogy.  
610 20 $a United Empire Loyalists $v Genealogy.
```

Do not subdivide headings of this type by **–History** or by **–Sources**.

## H 1631 Genealogy and Family Names

### 2. *The subdivision –Genealogy.* (Continued)

**b. Additional headings.** Assign an array of headings to bring out place, ethnic group, class of persons, types of documents, etc. If the work includes names with birth and/or death dates, assign also **Registers of births, etc.–[place]**. If the work includes more specific types of documents, assign specific headings, for example, **Marriage records; Death notices; Baptismal records.** *Examples:*

*Title: 1850 census of Tazewell County, Virginia, transcribed and indexed for genealogists.*

651 #0 \$a Tazewell County (Va.) \$v Genealogy.  
650 #0 \$a Registers of births, etc. \$z Virginia  
    \$z Tazewell County.  
651 #0 \$a Tazewell County (Va.) \$v Census, 1850.  
651 #0 \$a United States \$v Census, 1850.  
650 #0 \$a African Americans \$z Virginia \$z Tazewell  
    County \$v Genealogy.

*Title: Marriage and death notices from Wilmington, North Carolina newspapers, 1866-1870.*

651 #0 \$a Wilmington (N.C.) \$v Genealogy.  
650 #0 \$a Marriage records \$z North Carolina  
    \$z Wilmington.  
650 #0 \$a Death notices \$z North Carolina  
    \$z Wilmington.  
650 #0 \$a American newspapers \$z North Carolina  
    \$z Wilmington \$v Abstracts.

**c. Methodology.** Assign the free-floating subdivision **–Genealogy–Methodology** under names of places, individual corporate bodies, classes of persons, and ethnic groups for comprehensive texts on methods of locating genealogical records, tracing family histories, etc., in these places, or pertaining to these groups or classes of persons.

Assign the free-floating subdivision **–Genealogy–Handbooks, manuals, etc.**, under names of places, individual corporate bodies, classes of persons, and ethnic groups to works that present brief information about genealogy on these topics, such as lists of agencies and institutions to consult, types of records to study, etc.

To works containing both comprehensive instructions on methodology and brief information for ready reference, assign only **–Genealogy–Handbooks, manuals, etc.**, under the appropriate heading.

## Juvenile Materials H 1690

**BACKGROUND:** *This instruction sheet presents guidelines on the assignment of Library of Congress subject headings to juvenile materials. These instructions do not apply to the assignment of headings in the Annotated Card Program (AC headings) by children's literature catalogers. For guidelines on the assignment of classification numbers, see F 615.*

**1. Topical juvenile materials.** Assign LC juvenile subject headings and subdivisions to topical materials for juveniles up through age 15 or 9th grade. Use the form subdivisions **–Juvenile literature**, **–Juvenile films**, **–Juvenile sound recordings**, and **–Juvenile software** as the final element in all subject headings assigned to topical juvenile materials unless special form headings or subdivisions have been established, for example, **Children's encyclopedias and dictionaries; –Dictionaries, Juvenile; –Encyclopedias, Juvenile; –Juvenile humor**. With rare exceptions, if a work is assigned any juvenile heading, all headings assigned must reflect the juvenile nature of the work.

*Note: The above paragraph does not apply to belles lettres. For provisions applicable to juvenile belles lettres, see sec. 3, below.*

**2. Textbooks.** Assign the heading [*topic*]**–Textbooks** to textbooks for children up through age 15 or 9th grade. Do not further subdivide **–Textbooks** by **–Juvenile literature** and do not assign duplicate headings divided by **–Juvenile literature**.

*Exception:* For religious education textbooks, use the subdivision **–Textbooks for children**. For foreign language textbooks, use either **–Textbooks**, **–Textbooks for English, [French, etc.] speakers**, or **–Textbooks for foreign speakers**, as appropriate. Do not further subdivide by **–Juvenile literature**. *Examples:*

```
650 #0 $a Jewish religious education $v Textbooks for
children.
650 #0 $a Christian education $v Textbooks for children
$x Lutheran.
650 #0 $a English language $v Textbooks for foreign
speakers.
```

## H 1690 Juvenile Materials

3. *Juvenile belles lettres.* Assign juvenile form headings and subdivisions to belles lettres for children, for example, **Children's stories**; **Nursery rhymes**; **–Juvenile drama**; **–Juvenile fiction**; **–Juvenile poetry**. Where juvenile form headings do not exist and are not deemed appropriate to establish, assign adult headings, for example, **Ghost stories**; **Detective and mystery stories**. Do not further subdivide these adult form headings by the juvenile form subdivisions **–Juvenile drama**, **–Juvenile fiction**, or **–Juvenile poetry**.

Do not assign juvenile form headings to belles lettres for young adults.

Do not use the subdivision **–Juvenile literature** under form headings for juvenile belles lettres. The exceptions to this practice that occurred in the past, for example, **Limericks–Juvenile literature**; **Riddles–Juvenile literature**, have been removed from the subject authority file and should not be used or reestablished.

Do not treat folklore materials as belles lettres. Do not use juvenile form subdivisions under headings for particular genres, such as **Tales**; **Fairy tales**; **Folk literature**; *etc.*, nor under the subdivision **–Folklore**.

4. *Polyglot books.* Establish and assign to both individual works and to collections of juvenile fiction, drama, and poetry presented in three or more languages headings of the type **Children's stories**, **Polyglot**; **Children's plays**, **Polyglot**; **Children's poetry**, **Polyglot**.

5. *Juvenile films and sound recordings.*

*a. General.* Assign headings of the type **[topic]–Juvenile films** or **[topic]–Juvenile sound recordings** for materials with the intellectual level code **a**, **b**, **c**, or **j** in field 008/22. Also assign headings of this type for materials coded **f**, that is, for special audiences, if there is evidence that the material is juvenile in nature. Use the subdivisions **–Juvenile films** and **–Juvenile sound recordings** for either fictional or factual treatment of a topic. For fictional films, use **Children's films** as an additional heading.