Pattern Headings: Animals  H 1147

Pattern:  Fishes; Cattle

Types of Headings Covered by the Pattern: Headings for individual animals and groups of animals at all taxonomic levels, established using either common or scientific names, including animals in their natural or wild state, and those raised or cared for by humans. The pattern also covers headings for extinct and fossil animals. Examples: Aedes aegypti; Aquarium fishes; Bigeye tuna; Canada goose; Dinosaurs; Diptera; Dodo; Echinodermata; Fossil; Honeybee; Laboratory animals; Marine animals; Mollusks; Pets; Predatory animals; Sheep. Included are individual breeds or groups of domestic animals, for example, Tennessee walking horse; Poodles; and headings for age and sex groups, for example, Chicks; Foals; Cows. The general headings Animals; Domestic animals; and Livestock are excluded. The category also does not include individually named animals such as Seattle Slew (Race horse) or Morris (Cat). The subdivisions below are also not used under phrase headings of the type [animal] as laboratory animals or [animal] as pets. Instead, these phrase headings are assigned along with headings of the type [animal]–[appropriate subdivision from the list below]. Also excluded are headings for individual microorganisms. If a subdivision from this list is needed for use under a heading for an individual microorganism, it is established editorially rather than assigned as a free-floating subdivision. The category is represented by two pattern headings: Fishes and Cattle. Establish subdivisions appropriate for animals in general under Fishes; establish subdivisions specific to domestic animals under Cattle. Subdivisions having restricted use or needing explanation are explained in endnotes.

Note: In August 1993, the pattern heading list for domestic animals, H 1148, was discontinued. The subdivisions on that list were integrated into this list, and the scope of coverage of this list was expanded to include domestic animals.

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.).

$sx$ Abnormalities\(^1\) (May Subd Geog)
$sx$ Adaptation (May Subd Geog)
$sx$ Age (May Subd Geog)
$sx$ Age determination (May Subd Geog)
$sx$ Aging
$sx$ Aging $sx$ Prevention
$sx$ Anatomy
$sx$ Artificial insemination (May Subd Geog)
$sx$ Artificial spawning (May Subd Geog)
$sx$ Autopsy (May Subd Geog)
$sx$ Behavior (May Subd Geog)
$sx$ Behavior $sx$ Climatic factors (May Subd Geog)
$sx$ Behavior $sx$ Endocrine aspects
$sx$ Behavior $sx$ Evolution (May Subd Geog)
$sx$ Behavior $sx$ Genetic aspects (May Subd Geog)
$sx$ Biography
$sx$ Biological control (May Subd Geog)
$sx$ Boning (May Subd Geog)
$sx$ Breeding\(^2\) (May Subd Geog)
$sx$ Breeding $sx$ Selection indexes
$sx$ Cadmium content (May Subd Geog)
$sx$ Cannibalism (May Subd Geog)
$sx$ Carcasses (May Subd Geog)
$sx$ Carcasses $sx$ Biodegradation (May Subd Geog)
$sx$ Carcasses $sx$ Grading (May Subd Geog)
$sx$ Carcasses $sx$ Handling (May Subd Geog)
$sx$ Cardiovascular system
$sx$ Catalogs and collections (May Subd Geog)
$sx$ Chemical defenses (May Subd Geog)
<table>
<thead>
<tr>
<th>Subject Headings Manual</th>
</tr>
</thead>
<tbody>
<tr>
<td>October 2018</td>
</tr>
</tbody>
</table>
H 1147  Pattern Headings: Animals

$\times$ Diseases $\times$ Nursing$^4$  (May Subd Geog)
$\times$ Diseases $\times$ Nutritional aspects$^4$  (May Subd Geog)
$\times$ Diseases $\times$ Prevention$^4$
$\times$ Diseases $\times$ Treatment$^4$  (May Subd Geog)
$\times$ Dispersal  (May Subd Geog)
$\times$ Dissection  (May Subd Geog)
$\times$ Dormancy$^5$  (May Subd Geog)
$\times$ Ecology  (May Subd Geog)
$\times$ Ecophysiology  (May Subd Geog)
$\times$ Effect of acid precipitation on  (May Subd Geog)
$\times$ Effect of aircraft on  (May Subd Geog)
$\times$ Effect of altitude on$^5$  (May Subd Geog)
$\times$ Effect of chemicals on$^6$  (May Subd Geog)
$\times$ Effect of cold on  (May Subd Geog)
$\times$ Effect of contaminated sediments on  (May Subd Geog)
$\times$ Effect of dams on  (May Subd Geog)
$\times$ Effect of dredging on  (May Subd Geog)
$\times$ Effect of drought on  (May Subd Geog)
$\times$ Effect of drugs on$^6$  (May Subd Geog)
$\times$ Effect of energy development on  (May Subd Geog)
$\times$ Effect of exotic animals on  (May Subd Geog)
$\times$ Effect of fires on  (May Subd Geog)
$\times$ Effect of fishing on$^5$  (May Subd Geog)
$\times$ Effect of floods on  (May Subd Geog)
$\times$ Effect of forest management on  (May Subd Geog)
$\times$ Effect of global warming on  (May Subd Geog)
$\times$ Effect of habitat modification on  (May Subd Geog)
$\times$ Effect of heavy metals on  (May Subd Geog)
$\times$ Effect of human beings on  (May Subd Geog)
$\times$ Effect of hunting on  (May Subd Geog)
$\times$ Effect of insecticides on$^6$  (May Subd Geog)
$\times$ Effect of light on  (May Subd Geog)
$\times$ Effect of logging on  (May Subd Geog)
$\times$ Effect of magnetism on  (May Subd Geog)
$\times$ Effect of metals on  (May Subd Geog)
$\times$ Effect of mining on  (May Subd Geog)
$\times$ Effect of music on  (May Subd Geog)
Effect of noise on (May Subd Geog)
Effect of odors on (May Subd Geog)
Effect of off-road vehicles on (May Subd Geog)
Effect of oil spills on (May Subd Geog)
Effect of pesticides on (May Subd Geog)
Effect of poaching on (May Subd Geog)
Effect of pollution on (May Subd Geog)
Effect of predation on (May Subd Geog)
Effect of radiation on (May Subd Geog)
Effect of radioactive pollution on (May Subd Geog)
Effect of roads on (May Subd Geog)
Effect of salt on (May Subd Geog)
Effect of sediments on (May Subd Geog)
Effect of selenium on (May Subd Geog)
Effect of sound on (May Subd Geog)
Effect of storms on (May Subd Geog)
Effect of stray currents on (May Subd Geog)
Effect of stress on (May Subd Geog)
Effect of surface active agents on (May Subd Geog)
Effect of temperature on (May Subd Geog)
Effect of turbidity on (May Subd Geog)
Effect of ultraviolet radiation on (May Subd Geog)
Effect of volcanic eruptions on (May Subd Geog)
Effect of water acidification on (May Subd Geog)
Effect of water currents on (May Subd Geog)
Effect of water levels on (May Subd Geog)
Effect of water pollution on (May Subd Geog)
Effect of water quality on (May Subd Geog)
Effect of wind power plants on (May Subd Geog)
Eggs (May Subd Geog)
Eggs Counting (May Subd Geog)
Eggs Dispersal (May Subd Geog)
Eggs Geographical distribution
Eggs Incubation (May Subd Geog)
Embryology
Embryos (May Subd Geog)
Embryos Anatomy
H 1147  Pattern Headings: Animals

Embryos # Effect of ultraviolet radiation on (May Subd Geog)
Embryos # Effect of water quality on (May Subd Geog)
Embryos # Motility
Embryos # Physiology (May Subd Geog)
Embryos # Transplantation (May Subd Geog)
Endocrinology
Environmental enrichment (May Subd Geog)
Equipment and supplies
Evolution (May Subd Geog)
Exercise (May Subd Geog)
Exercise # Physiological aspects
Feces (May Subd Geog)
Feces # Detection (May Subd Geog)
Feed utilization efficiency (May Subd Geog)
Feeding and feeds7 (May Subd Geog)
Feeding and feeds # Climatic factors (May Subd Geog)
Feeding and feeds # Contamination (May Subd Geog)
Feeding and feeds # Recipes
Fertility (May Subd Geog)
Fetuses
Fetuses # Anatomy
Fetuses # Physiology (May Subd Geog)
Flight5 (May Subd Geog)
Flight # Physiological aspects5
Fluorescence5 (May Subd Geog)
Food8 (May Subd Geog)
Fractures1 (May Subd Geog)
Functional genomics
Generative organs
Genetic engineering (May Subd Geog)
Genetics
Genome mapping (May Subd Geog)
Geographical distribution
Geographical distribution # Climatic factors (May Subd Geog)
Germplasm resources (May Subd Geog)
Germplasm resources # Cryopreservation (May Subd Geog)
Germplasm resources # Microbiology (May Subd Geog)
Pattern Headings: Animals  H 1147

- Grading (May Subd Geog)
- Grooming (May Subd Geog)
- Growth
- Habitat (May Subd Geog)
- Habitat Conservation (May Subd Geog)
- Habitat suitability index models (May Subd Geog)
- Habitations (May Subd Geog)
- Handling (May Subd Geog)
- Health (May Subd Geog)
- Heavy metal content (May Subd Geog)
- Hibernation (May Subd Geog)
- Histology
- Histopathology
- Home range (May Subd Geog)
- Homing (May Subd Geog)
- Host plants (May Subd Geog)
- Housing (May Subd Geog)
- Housing Air conditioning (May Subd Geog)
- Housing Decoration (May Subd Geog)
- Housing Design and construction
- Housing Disinfection (May Subd Geog)
- Housing Environmental engineering (May Subd Geog)
- Housing Heating and ventilation (May Subd Geog)
- Housing Insulation (May Subd Geog)
- Housing Lighting (May Subd Geog)
- Housing Odor control (May Subd Geog)
- Housing Safety measures (May Subd Geog)
- Housing Sanitation (May Subd Geog)
- Housing Specifications (May Subd Geog)
- Housing Waste disposal (May Subd Geog)
- Hybridization (May Subd Geog)
- Identification
- Immunology
- Immunology Genetic aspects
- Induced spawning (May Subd Geog)
- Infancy (May Subd Geog)
- Infections (May Subd Geog)
- Infertility (May Subd Geog)
Pattern Headings: Animals

- Inspection (May Subd Geog)
- Integrated control (May Subd Geog)
- Judging (May Subd Geog)
- Jumping (May Subd Geog)
- Larvae (May Subd Geog)
- Larvae Behavior (May Subd Geog)
- Larvae Color (May Subd Geog)
- Larvae Defenses (May Subd Geog)
- Larvae Dispersal (May Subd Geog)
- Larvae Ecology (May Subd Geog)
- Larvae Effect of temperature on (May Subd Geog)
- Larvae Effect of ultraviolet radiation on (May Subd Geog)
- Larvae Effect of water pollution on (May Subd Geog)
- Larvae Effect of water quality on (May Subd Geog)
- Larvae Endocrinology
- Larvae Food (May Subd Geog)
- Larvae Geographical distribution
- Larvae Microbiology (May Subd Geog)
- Larvae Physiology (May Subd Geog)
- Law and legislation (May Subd Geog)
- Life cycles (May Subd Geog)
- Locomotion (May Subd Geog)
- Longevity (May Subd Geog)
- Losses (May Subd Geog)
- Manure (May Subd Geog)
- Manure Environmental aspects (May Subd Geog)
- Manure Handling (May Subd Geog)
- Marketing
- Marketing Law and legislation (May Subd Geog)
- Marking (May Subd Geog)
- Mercury content (May Subd Geog)
- Metabolism
- Metabolism Climatic factors (May Subd Geog)
- Metamorphosis (May Subd Geog)
- Metamorphosis Endocrine aspects (May Subd Geog)
- Metamorphosis Genetic aspects (May Subd Geog)
- Metamorphosis Molecular aspects (May Subd Geog)
Pattern Headings: Animals  H 1147

sx Microbiology  (May Subd Geog)
sx Migration  (May Subd Geog)
sx Migration sx Climatic factors  (May Subd Geog)
sx Migration sx Endocrine aspects
sx Molecular aspects
sx Molecular genetics
sx Monitoring  (May Subd Geog)
sx Morphogenesis  (May Subd Geog)
sx Morphology
sx Mortality  (May Subd Geog)
sx Names14
sx Nervous system
sx Nests  (May Subd Geog)
sx Nests sx Abandonment  (May Subd Geog)
sx Nests sx Counting  (May Subd Geog)
sv Nomenclature15
sv Nomenclature (Popular)16
sv Nomenclature (Popular) sx French, [Italian, etc.]16
sx Nutrition  (May Subd Geog)
sx Nutrition sx Requirements  (May Subd Geog)
sx Odor  (May Subd Geog)
sx Orientation  (May Subd Geog)
sx Origin
sx Parasites  (May Subd Geog)
sx Parasites sx Biological control  (May Subd Geog)
sx Parasites sx Control  (May Subd Geog)
sx Parasites sx Control sx Environmental aspects  (May Subd Geog)
sx Parasites sv Identification
sx Parasites sx Life cycles  (May Subd Geog)
sx Parasites sx Life cycles sx Climatic factors  (May Subd Geog)
sx Parasites sx Molecular aspects
sx Parturition  (May Subd Geog)
sx Pathogens  (May Subd Geog)
sv Pedigrees
sv Performance records
sx Phenology  (May Subd Geog)
sx Photographic identification  (May Subd Geog)
sx Phylogeny

Subject Headings Manual  

H 1147 Page 9

October 2018
H 1147  Pattern Headings: Animals

sX Phylogeny sX Molecular aspects
sX Physiology (May Subd Geog)
sX Population viability analysis  (May Subd Geog)
sX Predators of  (May Subd Geog)
sX Predators of sX Control  (May Subd Geog)
sX Predators of sX Ecology  (May Subd Geog)
sX Pregnancy  (May Subd Geog)
sX Processing  (May Subd Geog)
sX Productivity  (May Subd Geog)
sX Psychic aspects  (May Subd Geog)
sX Psychological aspects17
sX Psychological testing  (May Subd Geog)
sX Psychology18
sX Purchasing  (May Subd Geog)
sX Quality  (May Subd Geog)
sX Quarantine  (May Subd Geog)
sX Racial analysis  (May Subd Geog)
sX Radio tracking  (May Subd Geog)
sX Radioactive contamination  (May Subd Geog)
sX Recolonization  (May Subd Geog)
sX Reintroduction  (May Subd Geog)
sX Religious aspects
sX Religious aspects sX Buddhism, [Christianity, etc.]
sX Reproduction19
sX Reproduction sX Climatic factors  (May Subd Geog)
sX Reproduction sX Effect of altitude on  (May Subd Geog)
sX Reproduction sX Effect of light on  (May Subd Geog)
sX Reproduction sX Endocrine aspects
sX Reproduction sX Regulation
sX Respiration  (May Subd Geog)
sX Respiratory organs
sX Schooling  (May Subd Geog)
sX Seasonal distribution  (May Subd Geog)
sX Seasonal variations  (May Subd Geog)
sX Selection  (May Subd Geog)
sX Sense organs
sX Services for  (May Subd Geog)
H 1147  Pattern Headings: Animals

sx  Water requirements  (May Subd Geog)
sx  Weight
sx  Wintering  (May Subd Geog)
sx  Wounds and injuries¹  (May Subd Geog)

NOTES

¹Subdivisions 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.

²Use –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.

³See H 1154.5 for further subdivisions used under legal topics.

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

⁵Not established under Fishes.  Use under individual animals and groups of animals as appropriate.

⁶Assign additional headings of the type [individual chemical]–Physiological effect for individual chemicals, drugs, insecticides, pesticides, etc.

⁷Use –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.

⁸Use –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.

⁹Use –Grooming for the human tending, cleaning, brushing, etc., of animals.

¹⁰Use –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.
11 Not established under Fishes; use Fish handling instead. Use –Handling under other individual animals and groups of animals as appropriate.

12 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.

13 Not established under Fishes. Use Fish tagging instead. Use under individual animals and groups of animals as appropriate.

14 Use –Names for the history, origin, customs, etc., of selecting personal names for individual animals.

15 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.

16 Use –Nomenclature (Popular) for lists or discussions of common names for animal groupings.

17 Use –Psychological aspects for the influence of animals on the human mental condition or personality.

18 Use –Psychology for the mental processes or characteristics of animals.

19 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.

20 Not established under Fishes. Established instead under Poisonous fishes. Use under individual animals and groups of animals as appropriate.