

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.

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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 Abnormalities¹ (May Subd Geog)
- \$x Adaptation (May Subd Geog)
- \$x Age (May Subd Geog)
- \$x Age determination (May Subd Geog)
- \$x Aging
- \$x Aging \$x Prevention
- \$x Anatomy
- \$x Artificial insemination (May Subd Geog)
- \$x Artificial spawning (May Subd Geog)
- \$x Autopsy (May Subd Geog)
- \$x Behavior (May Subd Geog)
- \$x Behavior \$x Climatic factors (May Subd Geog)
- \$x Behavior \$x Endocrine aspects
- \$x Behavior \$x Evolution (May Subd Geog)
- \$x Behavior \$x Genetic aspects
- \$v Biography
- \$x Biological control (May Subd Geog)
- \$x Boning (May Subd Geog)
- \$x Breeding² (May Subd Geog)
- \$x Breeding \$x Selection indexes
- \$x Cadmium content (May Subd Geog)
- \$x Cannibalism (May Subd Geog)
- \$x Carcasses (May Subd Geog)
- \$x Carcasses \$x Biodegradation (May Subd Geog)
- \$x Carcasses \$x Grading (May Subd Geog)
- \$x Carcasses \$x Handling (May Subd Geog)
- \$x Cardiovascular system
- \$v Catalogs and collections (May Subd Geog)
- \$x Chemical defenses (May Subd Geog)
- \$x Chemical ecology (May Subd Geog)

- \$v Classification
- \$x Classification \$x Molecular aspects
- \$x Climatic factors (May Subd Geog)
- \$x Cloning (May Subd Geog)
- \$x Collection and preservation (May Subd Geog)
- \$x Collection and preservation \$x Law and legislation³ (May Subd Geog)
- \$x Collection and preservation \$x Licenses (May Subd Geog)
- \$x Colonization (May Subd Geog)
- \$x Color (May Subd Geog)
- \$x Composition
- \$x Condition scoring (May Subd Geog)
- \$x Conformation (May Subd Geog)
- \$x Conservation (May Subd Geog)
- \$x Conservation \$x Law and legislation³ (May Subd Geog)
- \$x Control (May Subd Geog)
- \$x Control \$x Environmental aspects (May Subd Geog)
- \$x Control \$x Law and legislation³ (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 Disease resistance (May Subd Geog)
- \$x Diseases⁴ (May Subd Geog)
- \$x Diseases \$x Alternative treatment⁴ (May Subd Geog)
- \$x Diseases \$x Chemotherapy⁴ (May Subd Geog)
- \$x Diseases \$x Chiropractic treatment⁴ (May Subd Geog)
- \$x Diseases \$x Climatic factors (May Subd Geog)
- \$x Diseases \$x Diagnosis⁴ (May Subd Geog)
- \$x Diseases \$x Diet therapy⁴ (May Subd Geog)
- \$x Diseases \$x Epidemiology⁴ (May Subd Geog)
- \$x Diseases \$x Genetic aspects⁴

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- \$x Diseases \$x Homeopathic treatment⁴ (*May Subd Geog*)
- \$x Diseases \$x Molecular aspects⁴ (*May Subd Geog*)
- \$x Diseases \$x Nursing⁴ (*May Subd Geog*)
- \$x Diseases \$x Nutritional aspects⁴ (*May Subd Geog*)
- \$x Diseases \$x Prevention⁴
- \$x Diseases \$x Treatment⁴ (*May Subd Geog*)
- \$x Dispersal (*May Subd Geog*)
- \$x Dissection (*May Subd Geog*)
- \$x Dormancy⁵ (*May Subd Geog*)
- \$x Ecology (*May Subd Geog*)
- \$x Economic aspects (*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 on⁵ (*May Subd Geog*)
- \$x Effect of chemicals on⁶ (*May Subd Geog*)
- \$x Effect of cold on (*May Subd Geog*)
- \$x Effect of contaminated sediments on (*May Subd Geog*)
- \$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 on⁶ (*May Subd Geog*)
- \$x Effect of energy development on (*May Subd Geog*)
- \$x Effect of exotic animals on (*May Subd Geog*)
- \$x Effect of fires on (*May Subd Geog*)
- \$x Effect of fishing on⁵ (*May Subd Geog*)
- \$x Effect of floods on (*May Subd Geog*)
- \$x Effect of forest management on (*May Subd Geog*)
- \$x Effect of global warming 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 hydrogen sulfide on (*May Subd Geog*)
- \$x Effect of insecticides on⁶ (*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 mining 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 on⁶ (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)
- \$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 Effect of wind power plants 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

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- \$x Embryos (*May Subd Geog*)
- \$x Embryos \$x Anatomy
- \$x Embryos \$x Effect of ultraviolet radiation on (*May Subd Geog*)
- \$x Embryos \$x Effect of water quality 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 Feces (*May Subd Geog*)
- \$x Feces \$x Detection (*May Subd Geog*)
- \$x Feces \$x Molecular aspects (*May Subd Geog*)
- \$x Feed utilization efficiency (*May Subd Geog*)
- \$x Feeding and feeds⁷ (*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 Flight⁵ (*May Subd Geog*)
- \$x Flight \$x Physiological aspects⁵
- \$x Fluorescence⁵ (*May Subd Geog*)
- \$x Food⁸ (*May Subd Geog*)
- \$x Fractures¹ (*May Subd Geog*)
- \$x Functional genomics
- \$x Gastrointestinal system
- \$x Generative organs
- \$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*)

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- \$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 Grooming⁹ (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 Habitations¹⁰ (May Subd Geog)
- \$x Handling¹¹ (May Subd Geog)
- \$x Health (May Subd Geog)
- \$x Heavy metal content (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 Housing¹² (May Subd Geog)
- \$x Housing \$x Air conditioning¹² (May Subd Geog)
- \$x Housing \$x Decoration¹² (May Subd Geog)
- \$x Housing \$x Design and construction¹²
- \$x Housing \$x Disinfection¹² (May Subd Geog)
- \$x Housing \$x Environmental engineering¹² (May Subd Geog)
- \$x Housing \$x Heating and ventilation¹² (May Subd Geog)
- \$x Housing \$x Insulation¹² (May Subd Geog)
- \$x Housing \$x Lighting¹² (May Subd Geog)
- \$x Housing \$x Odor control¹² (May Subd Geog)
- \$x Housing \$x Safety measures¹²
- \$x Housing \$x Sanitation¹² (May Subd Geog)
- \$x Housing \$v Specifications¹² (May Subd Geog)
- \$x Housing \$x Waste disposal¹² (May Subd Geog)
- \$x Hybridization (May Subd Geog)
- \$v Identification
- \$x Immunology
- \$x Immunology \$x Genetic aspects
- \$x Induced spawning (May Subd Geog)

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- \$x Infancy (*May Subd Geog*)
- \$x Infections¹ (*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 Jumping (*May Subd Geog*)
- \$x Larvae (*May Subd Geog*)
- \$x Larvae \$x Behavior (*May Subd Geog*)
- \$x Larvae \$x Chemical ecology (*May Subd Geog*)
- \$x Larvae \$x Color (*May Subd Geog*)
- \$x Larvae \$x Defenses (*May Subd Geog*)
- \$x Larvae \$x Dispersal (*May Subd Geog*)
- \$x Larvae \$x Ecology (*May Subd Geog*)
- \$x Larvae \$x Effect of temperature on (*May Subd Geog*)
- \$x Larvae \$x Effect of ultraviolet radiation on (*May Subd Geog*)
- \$x Larvae \$x Effect of water pollution on (*May Subd Geog*)
- \$x Larvae \$x Effect of water quality 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 Larvae \$x Physiology (*May Subd Geog*)
- \$x Law and legislation³ (*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 legislation³ (*May Subd Geog*)
- \$x Marking¹³ (*May Subd Geog*)
- \$x Mercury content (*May Subd Geog*)
- \$x Metabolism
- \$x Metabolism \$x Climatic factors (*May Subd Geog*)
- \$x Metamorphosis⁵ (*May Subd Geog*)

\$x Metamorphosis \$x Endocrine aspects⁵
\$x Metamorphosis \$x Genetic aspects⁵
\$x Metamorphosis \$x Molecular aspects⁵
\$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)
\$x Morphogenesis (May Subd Geog)
\$x Morphology
\$x Mortality (May Subd Geog)
\$x Names¹⁴
\$x Nervous system
\$x Nervous system \$x Physiology (May Subd Geog)
\$x Nests (May Subd Geog)
\$x Nests \$x Abandonment (May Subd Geog)
\$x Nests \$x Counting (May Subd Geog)
\$v Nomenclature¹⁵
\$v Nomenclature (Popular)¹⁶
\$v Nomenclature (Popular) \$x French, [Italian, etc.]¹⁶
\$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 Life cycles \$x Climatic factors (May Subd Geog)
\$x Parasites \$x Molecular aspects
\$x Parturition (May Subd Geog)
\$x Pathogens (May Subd Geog)
\$v Pedigrees
\$v Performance records

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- \$x Phenology (*May Subd Geog*)
- \$x Photographic identification (*May Subd Geog*)
- \$x Phylogeny
- \$x Phylogeny \$x Molecular aspects
- \$x Physiology (*May Subd Geog*)
- \$x Political aspects (*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*)
- \$x Psychological aspects¹⁷
- \$x Psychological testing (*May Subd Geog*)
- \$x Psychology¹⁸
- \$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 aspects²¹
- \$x Reproduction¹⁹
- \$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 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 Sex ratio *(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)*
- \$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 Toxicology²⁰ *(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 Utilization *(May Subd Geog)*
- \$x Vaccination *(May Subd Geog)*
- \$x Variation *(May Subd Geog)*
- \$x Venom²⁰ *(May Subd Geog)*
- \$x Venom resistance *(May Subd Geog)*
- \$x Vertical distribution *(May Subd Geog)*
- \$x Virus diseases¹ *(May Subd Geog)*
- \$x Viruses *(May Subd Geog)*
- \$x Vocalization⁵ *(May Subd Geog)*

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§x Vocalization §x Regulation⁵
§x Water requirements (May Subd Geog)
§x Weight
§x Wintering (May Subd Geog)
§x 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.

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

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¹²Use **–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.

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

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

¹⁵Use **–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.

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

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

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

¹⁹Use **–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.

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

²¹May be subdivided topically by a religion or Christian denomination. Editorially establish each heading of the type **[animal]–Religious aspects–[name of religion or denomination]**. For instructions on the use of the subdivision, see H 1998.