

CLASSIFICATION LIST

Subject Code Index

- A General biology
- AA General zoology
- AAB Communicating science
- AAC Preparation of scientific papers
- AAD Abstracting and indexing
- AAJ Philosophy of biology
- AAX Collections of papers by several authors. Festschriften.
- AAY Collected papers of an author
- AB History of zoology
- ABB Pre-classical zoology
- ABC Classical zoology
- ABD Greek classical zoology
- ABE Roman classical zoology
- ABF Arabic & oriental zoology
- ABG Biblical zoology
- ABI Medieval zoology
- ABK 15th Century zoology
- ABL 16th Century zoology
- ABN 17th Century zoology
- ABO 18th Century zoology
- ABP 19th Century zoology
- ABQ 20th Century zoology
- ABR 21st Century zoology
- AC Biographies (Literal extension by name of subject)
- ACP Portraits
- AD Bibliographies and library catalogues

(Literal extension by individual names)

AE	Fine books & pictures
AF	Methods of research
AFA	Biological laboratories
AFB	Observing animals
AFC	Marking animals
AFD	Ringing animals
AFE	Capture and handling for marking and ringing Immobilisation and restraint
AFF	Radio tagging, GPS tracking
AFG	Quantitative zoology
AFH	Statistical methods
AFI	Biological measurement
AFJ	Biotelemetry
AFK	Analysis
AFL	Acoustic observation methods
AFM	Rontgen techniques
AFN	Spectroscopy
AFO	Chromatography
AFQ	Computer methods
AFS	Freezing and drying
AFT	Line of tracer elements
AFU	Preparation techniques
AFV	Microscopy
AFY	Electrophoresis
AFZ	Stain technology
AG	Zoological Museums, Research Institutes Learned societies, Libraries, Universities
AHD	Import & export of animals

AHG Transport of animals

AJ Zoological gardens and menageries

AJB Zoo architecture

AJD History of zoos

AJF Public aquaria

AJK Zoo management

AJN Death due to captivity

AJT Zoo animals

AK Collection, preservation & illustration of animals

AKA Collecting animals

AKB Preservation of zoological specimens

AKC Taxidermy

AKJ Sale & auction of animal collections

AKL Behavioural enrichment in zoos

AKQ Photographing animals

AKR Drawing and painting animals

AKV Sound recording animals

AKW Careers with animals

AL Keeping animals in captivity

ALC Animals in circuses

ALE Ponds

ALF Aquaria

ALG Vivaria

ALJ Aviaries

ALM Culture methods

ALN Laboratory animals

ALO Breeds of laboratory animals

ALQ Animal experimentation

ALS Housing of laboratory animals

ALU Animal breeding

ALW Animal rearing

AM Pets

AMM Mascots

AMP Animals in war

AMW Animal training and taming

AN Domestic animals

ANB History of domestic animals and domestication

ANQ Breeds of domestic animals

AO Wildlife management

AOC Translocation

AOK Humane killing

AOW Acclimatisation

AP Conservation, Environmental protection

APB Rare animals, endangered species

APC Reintroduction

APD Captive breeding

APF CITES

APG Protective legislation

APH Plans for conservation

APJ Education in conservation

APP National parks, Wildlife reserves

APS Pollution of the environment

APV Conservation & pollution control in aquatic environments

APW Pollution control in fresh water

APX Pollution control in salt water

AQ Economic zoology. Animal products.

AQC Agriculture and zoology

AQG Use of animals in medicine

AQJ Musk

AQP Pearls

AQS Silk

AQW Fur farming
Fur bearing animals

AR Animals as food

ARD Aquaculture

ARF Fish farming

ARG Mollusc farming

ARL Game animals

ARN Hunting

ARO Fishing

ARP Baits

ARQ Whaling

ARR Falconry

ARU Game ranching

AS Control of harmful species. Pests.

ASC Pests of food crops

ASD Pests of grasslands & pastures

ASE Pests of trees and timber

ASH Pests of domestic animals

ASL Pesticides

ASP Disease vectors

AST Dangerous animals

AT Animal Welfare

AU Animal mysteries. Men and animals.

AUD Animal discoveries

AUG Animal anecdotes

AUH Sea monsters

AUX Bird mysteries

AUY Mammal mysteries

AV Myths & legends

AVF Fakes & frauds

AVK Errors & delusions

AVP Phoenix

AVU Unicorn

AVH Heraldic beasts

AVZ Humour & satire

AW Vernacular names & words

AX Technical names & words

AXO Origin of scientific names

AY Bionics (the art of applying knowledge of living systems
to solving technical problems)

AZ Zoology in relation to other subjects

AZA Art

AZC Cybernetics

AZE History of culture

AZL Literature

AZP Philately

AZR Religion

BA Animal body in general – anatomy & physiology of whole body

BAB Form, growth and structure in general.
(See also: ER – Post-embryonic growth and development)

BAC External appearance. Form.

BAD Variation in form.
See also: JEJ – Variation (Evolution)
KG – Variation (Genetics)

BAE Allometry

BAF Left-right asymmetry

BAG Bodily measurement

BAH Body size

BAJ Body weight

BAL Body density

BAQ Aesthetics of animals

BAS Unusual bodily shapes or formations

BAV Defensive forms or functions

BB General principles of anatomy

BBP Symmetry

BBS Practical morphology and anatomy

BBV Illustrations of dissections

BBW Dissection manuals

BC Comparative anatomy

BD Human anatomy

BE Physiology

BED Methods in physiology. Practical physiology.

BEK Animal oils

BEM Body fluids

BEN Water in the organism

BET Biological transport systems

BF Periodic changes in the organism

BFL Sleep

BFN Quiescence

BFO Diapause

BFR Activity rhythms

BFS Physiological clock
(See also: FP – Sense of time)

BFT Annual rhythms

BFV Circadian rhythms

BFW Tidal rhythms

BG Biological control mechanisms

BGQ Osmotic regulation

BH Biophysics, Biomechanics

BHN Bioenergetics

BHT Bioelectricity

BHX Biotechnology

BI Biochemistry

BIG Glycogen

BIJ Serotonin

BIM Biomineralisation

BIP Prostaglandins

BIS Enzymes

BJA Protoplasm

BJS Lipoids

BJU Steroids

BJV Pigments

BJW Carotenoids

BJX Quinones

BK Pathology
(See also: FAX – Neuropathy, FVY – Psychopathology)

BKB Zoonoses

BKC Infectious diseases

BKD Bacterial diseases

BKE Viral diseases

BKF Fungal diseases

BKG Metabolic and nutritional diseases

BKH Tumours and neoplasms

BKK Effects of radioactivity

BKL Injuries, Trauma

BKM Degenerative diseases

BKN Vascular diseases

BKP Allergic disorders

BL Medical parasitology
(See also: GN – Parasitic animals)

BM Veterinary medicine

BME Serologic surveys

BMJ Animal hospitals

BMK Animal nursing

BMM Ultrasound

BMP Pharmacology
(See also: FAY – Neuropharmacology)

BMR Chemotherapy

BMS Surgery

BMT Anaesthesia
(See also: AFE – Immobilisation, Restraint)

BMY Toxicology
(See also: CUH – Poison secretions)

BN Medical ethics

BO Teratology

BP Ultrastructure

BQ Cytology

BQA Cytological techniques

BQC Biological coding

BQH Macrophages

BQN Nuclei

BQO Ribonucleic acid RNA

BQR Deoxyribose nucleic acid DNA

BQU Reticulo-endothelial system

BR Cell division

BRB Mitosis

BS Cell physiology

BSD Cell biochemistry
(See also: BI – Biochemistry)

BSH Mitochondria

BSM Cell membranes

BT Cell differentiation

BU Histology

BUE Methods in histology

BUF Histochemistry

BUG Tissue culture

BUR Connective tissue

BUS Fibroblast

BY Regeneration of tissues

BYG Grafting

BYH Complantation (Growing together of different parts of organism)

BZ Degeneration

BZL Autotomy (Shedding of parts of the body)

CA Major areas of the body

CAA Head, face

CAB Mouth

CAC Neck

CAD Shoulder

CAE Limbs

CAF Hands
(See also: CQY – Manipulation)

CAG Feet

CAI Tracks

CAJ Dermatoglyphs

CAL Appendages, tail

CAP Pedicel

CAQ Trunk

CAR Thorax

CAS Cephalothorax

CAU Abdomen

CAW Pelvis

CB Segmentation

CC Integument

CD Invertebrate exoskeleton

CE Ecdysis, moulting of invertebrates

CG Skin

CGC Morphology of skin

CGF Physiology of skin

CGK Epidermis

CH Growths from skin

CHD Hair

CHE Fur, pelage

CHF Vibrissae
CHH Feathers
CHM Scales
CHO Antlers
CHP Horns
CI Moulting (of vertebrates)
CJ Colour, pigmentation
CJD Pigment cells
CJM Marking of skin
CJV Change of colour
CK Coelom
CN Osteology, bone
CAN Osteometry, measurement of bones
CND Composition and structure of bones
CO Skeleton
COA Head skeleton
COB Skull and cranium
COC Jaws
COD Other bones in head (See also: FT)
COE Limbs
COF Extremities – wrist, ankles, hands, feet, corpus
COG Thorax
COH Discus, clavicle, shoulder, girdle
COI Sternum
COJ Pelvis
COL Caudal extremity, tail
CON Backbone, vertebral column
COO Vertebrae

COS Baculum

COW Joints

CP Cartilage

CQ Myology, muscular system

CQA Musculature of head

CQB Musculature of jaws

CQC Musculature of neck

CQD Musculature of ears

CQE Musculature of limbs

CQG Musculature of feet and hands

CQK Musculature of hip

CQL Appendicular musculature

CQN Skeletal musculature

CQQ Musculature of trunk

CQR Musculature of thorax

CQS Compressor muscles

CQU Flexor muscles

CQV Muscular contraction

CQW Control of muscular contraction

CQY Use of hands, manipulation

CR Locomotion

CRA Flagella motion

CRB Amoeboid motion

CRC Ciliary motion

CRP Swimming

CRQ Floating

CRR Diving

CRT Fins

CRU Swimbladder

CS Movement on land

CSC Speed of animals

CSF Quadrupedal walking

CSG Bipedal walking

CSM Burrowing
(See also: FYU – Burrowing behaviour)

CSR Arboreal locomotion

CSU Climbing

CSY Jumping

CT Flight

CTC Speed in flight

CTG Wings

CTJ Elytra

CTM Gliding

CTS Flying animals, dimensions

CU Glands

CUC Salt glands

CUG Defence glands

CUH Poison secretions, poisonous animals
(See also: BMY – Toxicology)

CUL Skin glands

CUN Sweat glands

CUO Sebaceous glands

CUS Scent glands

CUV Mammary glands, milk

CUY Corpora allata

CV Endocrine glands

CVC Adrenal glands

CVG Pituitary gland, hypophysis
CVJ Thyroid
CVL Parathyroid
CVO Thymus
CVS Sinus gland
CVU Pancreas
CW Pheromones
CX Hormones
CYL Luminous organs, bioluminescence
CYN Electric organs
CYQ Spinnerets, silk production
CYS Suckers, adhesive organs
CZ Metabolism
CZE Carbohydrate metabolism
CZF Fat metabolism, lipid metabolism
CZH Protein metabolism
CZJ Trace elements, metabolism
CZL Calcium metabolism
CZW Energy
(See also: BHN – Bioenergetics)
CZZ Metabolic arrest

DA Circulatory system
DB Blood vessels, blood supply to organs, etc.
DBA Arteries
DBB Aorta
DBN Veins
DC Heart
DCC Heart rate
DCV Electrocardiology
DD Blood
DDA Blood pressure
DDJ Coagulation
DDK Platelets
DDN Leucocytes (white corpuscles)
DDO Erythrocytes (red corpuscles)
DDP Blood pigments
DDZ Antibodies, immunity, immunology
DE Lymphatic system
DF Spleen
DG Respiratory system
DGB Anaerobiosis
DGC Oxygen in the organism
DGD Lack of oxygen
DGE Respiratory rate
DGG Muscular control of respiration
DHA Respiratory chain
DHY Pharynx
DI Gills
DIC Trachea

DJ Lungs
DL Voice, vocalisation
DLI Larynx
DLK Syrinx
DLQ Song
DLS Other sound producing mechanisms
DN Alimentary system
DND Feeding adaptations
DNG Feeding apparatus
DNH Proboscis
DNK Filter feeding animals
DNP Beaks, bills, pecking
DNU Mastication, chewing
DO Digestive organs
DOA Alimentary canal
DOB Salivary glands
DOC Tongue
DOD Jaws
DOG Mandibles
DOH Palpum
DOJ Palate
DOK Throat
DON Gizzard
DOO Oesophagus
DOP Stomach
DOQ Intestinal tract
DOU Anus
DOW Liver

DP Digestive processes

DPC Digestive juices

DPE Digestive enzymes

DPN Ruminant digestive system

DPY Regurgitation, pellets

DQ Nutrition

DQC Composition of foods

DQF Food of animals

DQR Vitamins

DQW Trace elements in diet

DQY Effects of fasting & nutrient deficiency

DR Teeth
(See also: CAB – Mouth)

DRB Baleen plates

DRC Radula

DRQ Teeth as indicators of age
(See also: EQV – Age determination)

DS Urogenital system

DSA Excretory organs

DSC Kidneys

DSD Nephridia

DSL Ureter

DSM Malpighian tubules

DSS Cloaca, urinary sac

DST Urine

DT Reproduction (NB: Not sexual reproduction only, which is DV)

DTQ Metagenesis

DU Asexual reproduction

DUB Germination, budding

DUG Gemmulation

DV Sexual reproduction

DVD Sex determination (See also: KV – Sex determination: genetics)

DVE Secondary sex characters

DVF Sexual differentiation, sexual dimorphism

DVH Intersexuality

DVK Change of sex

DVM Sexual maturity (See also: EU – Maturity, EUC – Puberty)

DVP Sexual cycles

DVR Progestation

DVT Germinal transplants

DVY Reproductive endocrinology, sex hormones

DVZ Gonadotrophins

DW Genitalia

DWS Germ cells

DX Male genitalia

DXC Scrotal sac

DXD Testes (See also: DXQ – Spermatogenesis)

DXE Epididymis

DXF Vasa efferentia

DXG Vas deferens

DXH Accessory sex glands

DXI Prostate gland

DXJ Vesicula seminalis

DXM Penis

DXN Aedeagus

DXQ Spermatogenesis (See also: DXD – Testes)

DXS Male gamete, spermatozoa

DXT Semen

DXZ Rudimentary organs, uterus masculinus
DY Female genitalia, the female sex
DYD Ovary
DYE Fallopian tube
DYF Oviduct
DYG Uterus
DYH Cervix
DYI Vagina
DYJ Vestibule
DYK Cloaca
DYS Follicle
DYT Ovogenesis
DYU Female gamete, ovum
DYV Egg shells
DYW Oviposition, ovulation
DZ Insemination and fertilisation processes, manipulating reproduction
DZB Insemination
DZH Fertilisation
DZK Fecundity
DZL Fertility control mechanisms
DZM Artificial insemination
DZR Sterility
DZS Castration
DZT Parthenogenesis
DZU Pregnancy
DZV Pregnancy diagnosis
DZW Gestation periods
DZY Brooding, Incubation (See also: FXP – Brooding behaviour)
DZZ Hatchability

E Development, embryological and post-embryological

EA Embryology

EAB Embryology and evolution

EB Experimental embryology

EC Morphology of embryos, Morphogenesis

ED Physiology of embryos

EDM Biochemistry of embryos (See also: BI – Biochemistry)

EDT Pathogenesis of embryos

EDV Cell death during development

EE Multiple birth

EEC Clutch size

EEP Chimaeras

EF Embryogeny

EFD Pre-implantation stages

EFI Implantation

EFJ Delayed implantation

EG Early development of embryo

EGA Cleavage

EGC Blastulation

EGD Blastocyst

EGN Gastrulation

EH Foetal development

EI Endodermal development

EIE Endothelium

EJ Mesodermal development

EJA Mesothelium

EJG Cephalogenesis

EK Ectodermal development

EKB Trophoblast

EKJ Neural crest

EM Ontogeny

EMC Notochord

EMD Ontogenetic gills

EML Lung buds

EMS Segmentation

EN Placenta

ENM Umbilicalcord

EO Oviparity and viviparity

EOG Oviparous animals

EOI Incubation

EOP Viviparous animals

EP Birth

EPC Hatching

EPT Neonatal weight

EQ Life cycle, life histories

EQM Dimorphism

EQN Periodomorphism (in diplopoda – oscillation between
adult and larval stages)

EQV Age determination (See also: DRQ – Age determination by teeth)

ER Post-embryonic growth and development of individual
(See also: Form, growth and structure in general)

ERI Allomorhosis

ERJ Allometry (studies in changes in bodily proportions during growth)

ERM Rate of growth

ERP Factors affecting growth

ERQ Nutrition and growth

ERS Control of growth

ES Stages of development

ESC Early development, infant stages

ESG Metamorphosis
ESH Strobilation
ESK Larval stage
ESM Pupal stage
ESR Naiad
ESS Imagines
EU Maturity
EUC Puberty
EUN Senescence
EUQ Rejuvenation
EUX Longevity
EUZ Death
EY Polymorphism
EYC Polychromatism (See also: CJ – Colour)
EYR Epitoky
EYW Workers
EYX Queens
EYY Drones

FA Nervous system
FAX Neuropathy
FAY Neuropharmacology
FB Morphology of nervous system
FBA Innervation of head
FBD Innervation of brachia
FBE Innervation of limbs
FBO Innervation of stomach
FBR Innervation of thorax
FBU Innervation of heart & circulatory system
FC Physiology of nervous system
FCC Neurochemistry
FCF Neurosecretion, Neuroendocrinology
FCJ Cerebrospinal fluid
FCP Pacemakers
FD Nerve cells
FDS Synapses, Synaptic transmission
FE Histology of nerve tissue
FF Brain
FFC Brain size
FFJ Electroencephalography
FFM Optic lobe
FFP Cortex
FFQ Prefrontal cortex
FFR Forebrain
FFS Diencephalon (Thalamus)
FFT Hypothalamus
FFU Midbrain

FFV Parietal organ
FFW Pineal body and epiphyseal complex
FFY Cerebellum
FFZ Medulla oblongata
FG Central nervous system
FGB Ganglia
FGD Spinal cord
FH Afferent nervous system
FI Efferent nervous system
FK Autonomic nervous system (Involuntary, Vegetative nervous system)
FLS Animal sonar
FM Senses
FMA Receptors
FMU Proprioceptors
FMZ Extra-sensory perception
FN Touch, feeling
FNU Electroreceptors
FNX Pain
FO Kinaesthetic senses
FPN Sense of temperature
FQ Chemical senses, chemoreceptors
FR Smell
FRC Olfactory organs
FS Taste
FT Hearing
FTA Ear
FTD Inner ear
FTE Vestibule

FTG Labyrinth

FTL Middle ear

FTO Otolith

FTM External ear

FTS Echolocation

FU Vision (See also: FFM – Optic lobe)

FUA Organs of vision, the eye in general

FUD Compound and faceted eyes

FUE Lenses eyes, vertebrate eye

FUO Iris

FUP Fundus oculi

FUT Retina

FUU Visual pigments

FUV Colour vision

FUW Deformities of the eye

FUZ Extraocular perception

FV Animal psychology

FVA Anatomical and physiological basis of behaviour

FVB Heredity and behaviour

FVC Animal intelligence

FVD Maze studies

FVF Memory

FVG Learning

FVH Imprinting

FVK Motivation

FVM Self-awareness

FVP Selective perception

FVQ Illusory perception

FVR Emotion

FVW Anxiety

FVY Psychopathology

FVZ Control of behaviour (by chemical means etc)

FW Animal behaviour, ethology

FWA Instinct

FWD Tropisms

FWL Orientation

FWN Homing

FWP Ingestive behaviour

FWS Food hoarding

FWR Drinking behaviour

FWU Begging behaviour

FWW Hunting, predatory behaviour

FWX Capture of prey

FWY Foraging behaviour

FXA Kin recognition

FXC Display

FXF Aggressive behaviour

FXG Peace-making

FXI Territorial behaviour

FXK Breeding behaviour

FXL Courtship

FXM Mating

FXP Brooding (See also: DZW – Brooding: sexual reproduction)

FXR Nesting

FXT Maternal behaviour, care of young, mother-young relations

FXV Behaviour of young animals

FXW Play

FXY Exploratory behaviour

FYC Startle behaviour

FYG Postures

FYL Sleeping and rest

FYO Excretory behaviour

FYP Problem-solving behaviour

FYT Tool using behaviour

FYV Burrowing behaviour

FYW Building behaviour

FYY Anting

FYZ Sunning

FZ Social behaviour (See also: GOS – Social animals)

FZA Communication between animals

FZC Acoustic communication

FZE Acoustic behaviour

FZF Acoustic song (See also: DLQ – Song, Physiology)

FZH Dancing

FZJ Visual signals

FZN Chemical signals

FZO Olfactory communication

FZQ Formation of groups, flocks etc)

FZU Grooming behaviour

GA Ecology

GAC Historical ecology

GAE Statistical ecology

GAH Ecological modelling

GAK Microecology

GAN Ecological biochemistry (See also: BI – Biochemistry)

GAP Ecophysiology

GAQ Ecological energetics

GAR Behavioural ecology

GAU Ecology and evolution, Evolutionary ecology
See also: JET – Evolution and environment)

GB Experimental studies, applied ecology

GBM Ecology and metals. Metals in the environment

GBP Ecology and pesticides

GBR Ecology and toxins. Ecotoxicology.

GBT Phenology

GC Relation to environment in general

GCA Measurement of environmental factors

GCL Adaptation to life on land

GCV Relation to stress

GCY Relation to noise

GCZ Relation to man, urbanisation

GD Relation to water and humidity

GDD Desiccation

GE Relation to temperature

GEA Poikilotherms

GEE Thermoregulation

GF Relation to seasons

GFF Winter

GFH Hibernation

GG Relation to light

GGC Rhythmic activity dependent on light, photoperiodism

GGN Nocturnal animals

GGU Relation to radioactivity

GH Saline and alkaline habitats

GI Climate and weather

GIA Global warming

GJ Habitats, home range

GJN Nests

GJX Sessile animals

GK Communities, associations and societies, Biocoenosis, sociobiology

GKN Animal colonies

GKT Niche

GKQ Structure of animal societies

GL Food conditions and relations

GLA Food chains, Food webs

GLF Fungus feeders, fungus dwellers

GLH Vegetation feeding animals, plant dwellers

GLI Seed eaters

GLJ Xylophagous animals and timber dwellers

GLM Grazing animals

GLO Folivores

GLQ Leaf miners

GLR Animals and flowers, Animals and plants

GLS Root-infesting animals

GLU Fungus feeders

GM Predatory animals, carnivores

GMC Predator/prey relations
GME Cannibalism
GMR Insectivores
GN Parasitic animals
GNA Endoparasitic animals
GNB Ectoparasitic animals
GND Blood-sucking animals
GNG Plant galls
GNQ Host selection by parasites, host specificity
GNV Breeding parasites (Cuckoo)
GO Symbiosis, commensalism
GOC Symbiosis between animals and plants
GOE Pollination
GOS Social animals
GP Population dynamics
GPA Population counts, censuses
GPB Sampling
GPL Sex ratio
GPP Factors affecting size of populations
GQ Biochores – Species boundaries
GQM Ecological isolation
GS Competition
GT Protective adaption
GU Mimicry
GV Camouflage
GY Movement – Ecology

HA Zoogeography, distribution

HB Comparative zoogeography

HC Historical zoogeography

HD Dispersion, distribution

HDN Invasions

HE Migrations

HEW Colonisation

HEX Introduced animals (See also: AOW – Acclimatisation)
Reintroduced animals

HEY Animals lost to locality

HF Habitats

HG Terrestrial habitats

HH Forest life

HHC Rain forests, jungles

HHG Bush forests

HHT Taiga

HI Tropical regions

HJ Desert regions

HJC Oases

HJS Dunes

HK Grasslands

HKL Heaths

HKP Prairies

HKU Cerrados

HL Aquatic habitats and fauna

HLC Man-made aquatic habitats
(See also: HY – Man-made habitats)

HLD Harbours, marinas

HLM Anadromous, Catadromous animals, Migration;
Fresh to salt, salt to fresh water

HLP Amphibious animals
HLS Wetlands
HM Freshwater habitats and fauna
HMA Running water
HMB Rivers
HMC Streams
HMD Hot springs
HME Estuaries, deltas
HMJ Lakes
HMK Ponds
HMQ Swamps (Freshwater)
HMW Freshwater plankton
HMX Benthic fauns
HN Littoral and semiaquatic habitats
HNB Rocky shores
HND Sandy shores
HNG Intertidal zones
HNI Seas shore pools
HNL Marine Borers
HNN Reefs, atolls
HNR Reed beds
HNT Mangrove swamps
HNW Fjords
HO Island habitats
HP Plankton in general
HPD Hyponeuston (Organisms dwelling below the surface film)
HQ Brackish waters
HQS Saltwater lakes

HQT Saltmarshes

HR Marine habitats and fauna

HRA Oceanology

HRF Marine ecology

HRG Methods in marine ecology

HRH Marine zoogeography

HRJ Vertical distribution and migration

HRL Marine plankton

HRN Fouling organisms

HRP Benthic fauna

HRS Meiofauna

HRW Hydrography

HSB Coastal shelf

HSD Mesopelagic habitats

HSH Epipelagic habitats

HSN Abyssal habitats

HSS Hadal habitats

HT Subterranean habitats

HTC Cavernicolous animals, Caves

HTD Subterranean waters

HTU Soil zoology

HU Mountain habitats

HUS High altitude zoology

HV Polar regions

HVN Tundra

HW Aerial fauna

HY Man-made habitats (See also: HLC – Man-made aquatic habitats)

HYH Hedges

HYS Rubbish tips

I Faunistic works (divided directly by geographic letters)

J Palaeontology and evolution

JC Origin of life

JD Cladistics

JDP Phenetics

JE Evolution

JEB Theories of evolution

JEC Opposition to evolutionary theories

JEG Convergence

JEJ Variation

JEM Species problem

JEN Evolution and genetics, evolutionary genetics

JEP Evolution and cytology

JET Evolution and environment (See also: GAU – Ecology and evolution)

JEU Evolution and climate

JEX Evolution and sex

JF Natural selection, adaptation

JG History of the theory of evolution

JH Lamarckism

JI Darwinism

JJ Other general theories

JJC Weismann

JJE Eimer

JK Extinction of animals

JKN Living fossils

JL Palaeontology

JLI Fossil tracks

JLK Fossils in amber

JLM Methods in palaeontology
JLO Dating
JLT Palaeopathology
JLW Active palaeontology
JO Pre-Cambrian era
JP Palaeozoic era
JPC Cambrian
JPF Ordovician
JPI Silurian
JPL Devonian
JPM Lower Devonian
JPN Middle Devonian
JPO Upper Devonian
JPV Carboniferous
JPX Permian
JQ Mesozoic era
JQA Triassic
JQE Jurassic
JQF Liassic
JQH Oxford clay
JQJ Cretaceous
JQZ Mesozoic/Cenozoic boundary
JR Cenozoic era, Tertiary
JRC Eocene
JRG London Clay
JRH Oligocene
JRP Miocene
JRV Pliocene

JS Quaternary

JSA Pleistocene, ice ages

JSV Recent

JT Regional palaeontology (divided directly by geographic letters)

JU Palaeogeography

JUW Rudimentation, vestigial organs
(See also: KS – Vestigial structures and functions: Genetics)

JV Evolution of parts and functions of animals

JW Collections of fossils (divided by taxonomic numbers)

JX Evolution of animal groups (divided by taxonomic numbers)

JXJ Conodonts

JY Man, palaeontology and evolution

JYC Mental development of man

JYG Fossil Man

JYJ Australopithecus

JYM Pithecanthropus

JYN Sinanthropus

JYP Piltdown Man

JYQ Neanderthal Man

JZ History of human culture

JZE Palaeolithic period

JZF Neolithic period

JZF Artefacts

JZY Cave paintings

KA Genetics

KAC Biochemical genetics (See also: BI – Biochemistry)

KAQ Transmission of acquired characteristics

KAU Telegony (Influence of first sire on later sires)

KB Experimental genetics

KD Population genetics

KDS Genetic homeostasis (property of a population to equilibriate its genetic composition and to resist sudden changes)

KE Cytological basis of genetics

KES Genetics of development

KFA Chromosomes

KFH Chromosome numbers

KFN Genes

KFO Chemical basis of genetics, genetic code

KG Variation, genetic diversity

KH Inbreeding

KI Hybrids

KJ Mendelian theory

KJT Non-Mendelian genetics

KJV Lysenko and Soviet genetics

KN Recessive characters

KNQ Albinism

KNS Melanism

KO Linkage

KP Mutations

KT Multiple offspring

KU Applications of genetics, genetic engineering

KV Sex determination

KW Taxonomy

KWC Linnean system
KWF Rules of nomenclature
KWH Nomenclators
KWL Genus
KWR Synonyms
KWT Type specimens
KX Classification, summary classifications
KXA Lists of genera
KXC Lists of species

L	INVERTEBRATES
LA	MICROFAUNA, MICROORGANISMS
*LB	PROTOZOA
LCA	(=FLAGELLATA)
LCB	Phytomastigina
LCG	Euglenoidea
LCL	Dinoflagellata
LCM	Gymnodinina
LCN	Peridinina
LCP	Zoomastigina
LCV	Protomonadida
LCX	Trichomonadida
LCY	Diplomonadida
LCZ	Hypermastigida
LD	RHIZOPODA (=SARCODINA)
LE	Amoebina
LEP	Testacea
LF	Foraminifera
LG	Mycetozoa
LH	Actinipoda
LH	Heliozoa
LI	Radiolaria
LIF	Peripylaria
LIP	Tripylaria
LIS	Acantharia
LJ	SPOROZOA
LK	Telosporidia

* Mackinnon, D L & Hawes, R S J - An introduction to the study of Protozoa.

LL Gregarinida
LM Coccidia
LN Haemosporidia
LO Cnidosporidia
LP Myxosporidia
LQ CILIATA
LR Holotricha
LRC Gymnostomida
LRE Suctorida
LRG Chonotrichida
LRJ Trichostomatida
LRL Hymenostomatida
LRN Thignotrichida
LRP Peritrichida
LRS Astomatida
LRV Apostomatida
LS Spirotricha
LSA Heterotrichida
LSD Oligotrichida
LSG Tintinnida
LSJ Entodiniomorphida
LSM Hypotrichida
LSP Odontostomatida
LT METAZOA
*LU PORIFERA
LV Calcarea
LVA Calcinea

LVC Clathrinida
LVE Leucettida
LVI Calcaronea
LVL Leucosolenida
LVN Sycettida
LVP Pharetronida
LVQ Inozoa
LVS Sphinctozoa
LW Hexactinellida
LWA Amphidisophora
LWC Amphidiscosa
LWH Hexasterophora
LWL Lyssacina
LWN Dictyonina
LY Demospongiae
LYB Homoscleromorpha
LYF Tectractomorpha
LYG Choristida
LYH Spirophorida
LYJ Lithistida
LYK Hadromerida
LYL Axinellida
LYO Ceratinomorpha
LYP Halichondrida
LYQ Poecilosclerida
LYR Haplosclerida
LYT Dictyoceratida

LYU Dendroceratida
LYV Verongida
LYW Sclerospongiae
LYX Certaporellida
LYY Tabulospongida
LZ Archaeocyatha

*M	COELENTERATA
MA	CNIDARIA
MB	HYDROZOA
MBG	Graptolithida
MC	Hydroida
MCD	Anthomedusae
MCL	Hydridae
MCN	Leptomedusae
MD	Milleporina
ME	Stylasterina
MF	Trachylina
MFA	Trachymedusae
MFN	Narcomedusae
MG	Siphonophora
MGA	Calycophora
MGD	Physophorida
MH	SCYPHOZOA
MI	Stauromedusae
MJ	Cubomedusae
MK	Coronatae
ML	Discomedusae (nom. abs.)
MLA	Semaeostomeae
MLN	Rhizostomeae
MM	ANTHOZOA (Corals in general)
MN	Octocorallia (Alcyonaria)
MNA	Stolonifera
MND	Testacea

*Hyman - The invertebrates, Vol. 2. NY, London: McCraw-Hill, 1940

MNG Alcyonacea
MNJ Coenothecalia
MNM Gorgonacea
MNQ Pennatulacea
MO Zoantharia
MOA Actinaria
MOD Madreporia
MOG Zoanthidea
MOJ Antipatharia
MOM Ceriantharia
MR CTENOPHORA
MS Tentaculata
MT Cydippida
MU Lobata
MV Cestida (Cestoida)
MW Platyctenea (Ctenoplana)
MX Nuda
MY Beroida

•N	HELMINTHS
NA	PLATYHELMINTHES
NB	TURBELLARIA
NC	Polycladida
NDA	Proticladida
NDC	Eulecithophora
NDM	Perilecithophora
NDP	Archoophora
NE	Tricladida
NEA	Paludicola
NEB	Planariidae
NEG	Dendrocoelidae
NEL	Maricola
NES	Terricola
NF	TEMNOCEPHALA
NG	TREMATODA
NH	Didymozoides
NI	Digenea
NIA	Strigeatoidea
NIB	Strigeoidea
NID	Schistosomatoidea
NIJ	Echinostomida
NIK	Echinostomatoidea
NIN	Renicolida
NIP	Plagiochiida
NIQ	Plagiorchiodea
NIS	Opisthorchiida

*Grasse - Traite de zoologie. Tome 4. Paris: Masson, 1961-65.

NJ MONOGENEA
NK CESTODARIA
NKA Anphilinoidea
NL CESTODA
NLA Haplobothrioidea
NLC Pseudophyllidea
NLE Tetrarhynchidea
NJL DIPHYLLIDEA
NLL Tetraphyllidea
NLQ Nippotaeniidea
NLS Ichtyotaeniidea
NLU Tetrabothridea
NLW Cyclophyllidea
NLY Aporidea
NM ACANTHOCEPHALA
NMA Eocantoccephala
NMH Palaeaconthocephala
NMS Archiacanthocephala
NN NEMERTINEA
MNA Palaeonemerta
MNE Heteronemerta
NNJ Hoplonemerta
NNR Bdellonemerta
NO NEMATODA
NOA Adenophorea
NOC Araelaimida
NOD Araeolaimoidea
NOE Axonolaimoidea

NOF Leptolaimoidea
NOG Camacolaimoidea
NOH Plectoidea
NOJ Monhysterida
NOK Linhomoeoidea
NOL Monhysteroide
NOM Siphonolaimoidea
NON Desmodorida
NOO Spirinoidea
NOP Desmodoroidea
NOQ Ceramonenatoidea
NOR Monoposthiridea
NOS Draconematina – Draconematoidea
NOT Chromadorida
NOU Chromadorina
NOV Cyatiolaimoides
NOW Choanolaimoidea
NOX Desmoscolecida
NOY Desmocoloicoidea
NOZ Greeffielloidea
NP Enoplia
NOA Enoplida
NPB Tripyloidea
NPC Enoploidea
NPD Oncholaimina
NPF Dorylaimida
NPG Mononchoidea
NPH Nygolaimoidea

NPI Dorylaimoidea
NPJ Diphtherophoidea
NPK Alaimina
NPM Mermithoidea
NPN Trichuroidea
NPO Diactophymatoidea
NPP Muspiceoidea
NQ Secernentes
NQA Rhabditida
NQB Rhabditina
NQE Tylenchida
NQF Tylenchoidea
NQG Aphelenchoidea
NQH Strongylida
NQI Diaphanocephaloidea
NQJ Strongyloidea
NQK Ancylostomatoidea
NQL Trichostrongyloidea
NQM Metastrongyloidea
NQN Ascaridida
NQO Cosmocercoidea
NQP Sueratoidea
NQQ Oxyuroidea
NQR Ascaridoidea
NQS Heterakoidea
NQT Subuluroidea
NQU Spirurida
NQV Camallanoidea

NQW Dracunculoidea
NQX Spiruroidea
NQY Physalopteroidea
NQZ Filarioidea
NR GORDIACEA
NRA Gordioida
NRN Nectonematoida
NS ROTIFERA, ROTATORIA
NSA Monogononta
NSM Digononta, Bdelloidea
NSP Philodinidae
NSV Seidonidea
NSW Seidonidae
NW GASTROTRICHA
NY KINORHYNCHA, ECHINODERA

O COELOMATA
OA BRYOZOA
OB PHYLACTOLAEMATA
OC GYMNOLAEMATA
OCA Ctenostomata
OD Cryptostomata
OE Cheilostomata
OEA Anasca
OEP Ascophora
OF CYCLOSTOMATA
OG PHORONIDA
OH BRACHIOPODA
OI Inarticulata
OIA Linguilida
OIG Acrotretida
OIK Craniidina
OIN Obolellida
OIP Paterinida
OIT Kutorginida
OJ Articulata
OJA Orthida
OJE Strophomenida
OJJ Pentamerida
OJN Rhynchonellida
OJR Atrypida
OJU Spiriferida
OJY Terebratulida
OK CHAETOGNATHA

OL ANNELIDA
OM Annelida polychaeta
ON Polychaeta errantes
ONA Aphroditidae
ONB Chrysopetalidae
ONC Pisionidae
OND Amphinomidae
ONE Phyllodocidae
ONF Alciopidae
ONG Tomopteridae
ONH Typhloscolecidae
ONI Hesionidae
ONJ Syllidae
ONK Nereidae
ONL Nephthydidae
ONM Sphaerodoridae
ONN Glyceridae
ONO Eunicacea
ONP Eunicidae
ONQ Histriobdellidae
ONR Ichthyotomidae
OO Polychaeta sedentaria
OOA Acriciidae
OOB Spionidae
OOC Magelonidae
OOD Dismoidae
OOE Paraonidae
OOF Chaetopyeridae

OOG Cirratulidae
OOH Flabelligeridae
OOI Scalibregmidae
OOJ Opheliidae
OOK Capitellidae
OOL Arenicolidae
OOM Maldanidae
OON Oweniidae
OOO Sabellariidae
OOP Sternaspididae
OOQ Amphictenidae
OOR Ampharetidae
OOS Terebellidae
OOU Serpulidae
OOV Psammodrilidae
OP Archiannelides
OQ Oligochaeta
OQA Aeolosomatina
OQB Maidina
OQC Naididae
OQD Opisthocystidae
OQD Opisthocystidae
OQE Tubificina
OQF Tubificidae
OQG Phreodrilidae
OQH Enchytraeina
OQK Lumbricina
OQL Lumbricidae

OQM Glossoscolecidae
OQN Lumbriculina
OQO Lumbriculidae
OQP Branchiobdellidae
OQQ Haplotaxina
OQR Haplotaxidae
OQS Alluroididae
OQT Syngenodrilidae
OQU Moniligastridae
OQV Megoscolecidae
OQX Eudrilidae
OT Hirudinea
OTA Acanthobdelliformes
OTB Rhynchobdelliformes
OTC Glossiphoniidae
OTD Piscicolidae
OTF Gnathobdelliformes
OTG Hirudidae
OTH Haemadipsidae
OTL Pharyngobdelliformes
OTM Erpobdellidae
OTN Semiscolecidae
OTO Trematobdellidae
OTP Americobdellidae
OTR Xerobdellidae
OU Myzostomatidea
OV ECHIURA
OW SIPUNCULOIDEA

OX PRIAPULIA

OY ENTOPROCTA

P ARTHROPODA
PA ONYCHOPHORA
PB TRILOBITA
PC CRUSTACEA
PCA Cephalocarida
PD Branchiopoda
PE Anostraca
PEC Chirocephalidae
PEG Branchinectidae
PG Notostraca
PH Diplostraca (Entomostraca)
PHC Conchostraca
PHD Limnadioidea
PHG Cladocera
PHO Chydoridae
PHP Daphniidae
PI Ostracoda
PIA Myodocopa
PIB Cypridinidae
PIC Halocypridae
PID Rutidermatidae
PIH Cladocopa
PIM Podocopa
PIQ Platycopa
PIU Mystacocarida
PJ Copepoda
PJC Cyclopoida
PJD Harpacticoida

PJG Calanoida
PJL Lernaepodoidae
PJP Choniostomata
PJQ Notodelphyoida
PJU Caligoida
PJX Poecilostomatoida
PK Branchiura
PL Cirripedia
PLC Thoracica
PLD Lepadomorpha
PLG Balanomorpha
PLJ Verrucomorpha
PLM Acrothoracica
PLQ Ascothoracica
PLT Apoda
PLW Rhizocephala
PM Malacostraca
PMA Leptostraca
PMC Phyllocarida
PMD Nebaliacea
PMM Eumalacostraca
PMN Syncarida
PMR Anaspidacea
PN Peracarida
PNA Thermosbaenacea
PNB Mysidacea
PNC Mysida
PNF Lophogastrida
PNK Cumacea

PNT Tanaidacea
PO Isopoda
POA Gnathiidea
POD Oniscoidea
POF Asellota
POH Anthuridea
POJ Janiroidea
POL Epicaridea
PON Flabellifera
POQ Valvifera
POU Phreatoicidea
PP Amphipoda
PPA Caprellidea
PPF Gammaridea
PPG Gammaridae
PPL Talitridae
PPN Hyperiiidea
PPO Typhidae
PPQ Vibiliidae
PPS Scinidae
PPU Ingolfiellidea
PQ Eucarida
PQA Euphausiacea
PR Decapoda
PRA Natantia
PRB Penaeidea
PRC Caridea
PRD Oplophorida

PRF Stylodactyloida
PRH Pasiphaeoida
PRJ Bresiloida
PRL Palaemonoida
PRN Psalidopodoida
PRP Alphaeoida
PRR Pandaloida
PRT Crangonoida
PRW Stenopodidea
PSA Reptantia – Decapoda
PSB Macrura
PSC Eryonidea
PSG Scyllaridea
PSH Palinuridae
PSI Scyllaridae
PSK Nephropsidea
PSM Parastacidae
PSN Potamobiidae
PSO Homaridae
PSS Thalassinidea
PT Anomura
PTA Paguridea
PTB Paguridae
PTN Galatheidea
PTT Hippidea
PU Brachyura
PUA Gymnopleura
PUC Dromiacea

PUD Dromiidea
PUE Thelxiopeidea
PUG Oxystomata
PUI Brachygnatha
PUJ Brachyrhyncha
PUK Cancridae
PUL Portunidae
PUM Potamonidae
PUN Ocypodidae
PUO Grapsidae
PUR Oxyrhyncha
PUU Hoplocarida
PUV Stomatopoda
*PV MYRIAPODA
PW Symphyla
PWF Scolpendrillidae
PWJ ScutigereUidae
PX Pauropoda
PXC Brachypauropodidae
PXG Pauropodidae
PXM Eurypauropodidae
PY Diplopoda
PYA Pselaphognatha
PYC Chlognatha
PYD Opisthandria
PYE Limacomorpha
PYF Oniscomorpha

*Kukenthal, W - Handbuch der Zoologie 4(1). Berlin: Gruyter, 1926-30.

PYJ Proterandria
PYK Eugnatha
PYL Polydesmoidea, Polydesmidea
PYN Nematophora
PYR Juliformia
PYS Juloidea
PYT Spiroboloidea
PYU Spirostretomorpha
PYV Colobognatha
PZ Chilopoda
PZA Epimorpha
PZC Geophilomorpha
PZG Scolopendromorpha
PZK Anamorpha
PZL Lithobiomorpha
PZS Scutigermomorpha

*Q INSECTA
QA APTERYGOTA
QB THYSANURA
QBA Microcoryphia
QBB Machiloidea
QBC Machilidae
QBD Meinertellidae
QBG Zygentoma
QBH Lepismatoidea
QBI Lepidotrichidae
QBJ Nicoletiidae
QBK Lepismatidae
QBN DIPLURA
QBO Rhabdura
QBP Projapygoidea
QBQ Anajapygidae
QBR Projapygidae
QBS Campodeoidea
QBT Procampodeidae
QBU Campodeidae
QBV Dicellurata
QBW Japygoidea
QBX Japygidae
QBY Parajapygidae
QC COLLEMBOLA
QCA Arthropleona
QCB Poduroidea

QCC Poduridae
QCD Hypogastruridae
QCE Neanuridae
QCF Onychiuridae
QCH Entomobryoidea
QCI Isotamidae
QCJ Actaletidae
QCK Entomobryidae
QCL Tomoceridae
QCO Symphypleona
QCP Neelidae
QCQ Sminthuridae
QCR Dicyrtomidae
QCT PROTURA
QD ORTHOPTERA
QDA Ensifera
QDB Gryllacridoidea
QDC Stenopelmatidae
QDD Gryllacrididae
QDE Schizodactylidae
QDF Rhabdophoridae
QDG Tettigonioidea
QDH Prophalangopsidae (= Haglidae)
QDI Tettigoniidae
QDJ Gryllidae
QDK Gryllotalpidae
QDL Caelifera

QDM Acridoidea
QDN Eumasticidae
QDO Pneumoridae
QDP Pamphagidae
QDQ Pyrgomorphidae
QDR Acrididae
QDS Proscopiidae
QDT Tetrigidae
QDU Tridactyloidea
QDV Tridactylidae
QDW Cylindrachetidae
QDX PHASMIDA
QE DERMAPTERA
QEA Forficulina
QEB Pygidicranoidea
QEE Labioidea
QEJ Forficuloidea
QEM Labiduridae
QEN Forficilidae
QEQ Arixeniina
QEV Hemimerina
QF EMBIOPTERA
QFK DICTYOPTERA
QFL Blattaria
QFM Polyphagidae
QFN Blaberidae
QFO Blattidae
QFP Epilampridae

QFS Mantodea
QFT Amorphoscelidae
QFU Eremiaphilidae
QFV Hymenopodidae
QFW Mantidae
QFX Empusidae
QG ISOPTERA
QGA Mastotermitidae
QGC Kalotermitidae
QGE Termopsidae
QGF Hodotermitidae
QGG Rhinotermitidae
QGH Serritermitidae
QGK Termitidae
QGS ZORAPTERA
QH PSOCOPTERA
QHA Trogiomorpha
QHG Troctomorpha
QHL Psocomorpha
QHQ Lachesillidae
QI MALLOPHAGA
QIA Amblycera
QIK Ischnocera
QIS Rhynchophthirina
QJ SIPHUNCULATA, ANEPLURA
QJE Pediculidae
QJJ THYSANOPTERA
QJK Terebrantia

QJL Aeolothripodea
QJO Thripodea
QJQ Thripidae
QJT Merothripodea
QJW Tubulifera
QK HEMIPTERA
QKA Homoptera
QKB Coleorrhyncha
QKC Auchenorrhyncha
QKD Fulgoroidea
QKE Cercopoidea
QKF Cicadoidea
QKG Cicadidae
QKH Cicadelloidea = Jassoidea
QKI Membracidae
QKJ Cicadellidae = Jassidae
QKM Sternorrhyncha = Phytophthires
QKN Psylloidea
QKO Aleyrodoidea
QKP Aphidoidea
QKQ Aphididae
QKR Phylloxeridae
QKS Adelgidae = Chermesidae
QKT Coccoidea
QKU Coccidae
QKV Margarodidae
QKW Lacciferidae
QKX Diaspididae

QL Heteroptera
QLA Geocorisae
QLB Cimicomorpha
QLC Tingoidea
QLD Reduvidae
QLE Reduviidae
QLF Enicocephalidae
QLG Cimicoidea
QLH Miridae
QLJ Cimicidae
QLK Dipsocoroidea
QLL Pentatomomorpha
QLM Saldoidea
QLN Aradoidea
QLO Lygaeoidea
QLP Pyrrhocoroidea
QLQ Coreoidea
QLR Pentatomoidea
QLS Amphibicorisae
QLT Gerroidea
QLU Gerridae
QLV Other Gerroidea
QLW Hydrocarisae = Cryptocerata
QLX Ochteroidea
QLY Notonectoidea
QLZ Corixoidea
QM COLEOPTERA
QMA Archostemata

QMB Myxophaga
QMC Sphaerioidea
QMD Adephaga
QME Caraboidea
QMF Carabidae = Ground beetles
QMG Haliplidae
QMH Dytiscidae
QMI Gyrinidae
QMJ Other Carabidae
QMK Polyphaga
QML Hydrophiloidea
QMM Histeroidea
QMN Staphylinoidea
QMO Staphylinidae
QMP Other Staphylinoidea
QMQ Scarabeoidea
QMR Lucanidae – stag beetles
QMS Scarabeidae
QMT Other Scarabeoidea
QMU Dascilloidea
QMV Eucinetoidae
QMW Byrrhoidea
QMX Dryopoidea
QMY Rhipiceroidea
QMZ Armatopoda
QNA Buprestoidea – Jewel beetles
QNB Elateroidea
QNC Cantharoidea

QND Dermestoidea
QNE Bostrychoidea
QNF Cleroidea
QNG Lymexyloidea
QNH Cucujoidea
QNI Clavicornia
QNJ Erotylidae
QNK Coccinellidae
QNM Other Clavicornia
QNN Heteromera
QNO Tenebrionidae
QNP Meloidae
QNR Other Heteromera
QNS Chrysomeloidea
QNT Cerambycidae
QNU Bruchidae
QNV Chrysomelidae
QNW Curculionoidea
QNX Curculionidae inc. Bark beetles
QNZ Other Curculionoidea
QO STREPSIPTERA
QP EPHEMEROPTERA
QPP PLECOPTERA – stoneflies
QQ ODONATA
QQA Zygoptera
QQG Anisozygoptera
QQJ Anisoptera
QQP Libelluloidea

QR NEUROPTERA
QRA Megaloptera
QRB Sialoidea
QRF Raphidioidea
QRH Planipennia
QRI Coniopterygoidea
QRJ Osmyloidea
QRM Mantispoidea
QRR Hemerobioidea
QRT Chrysopidae
QRU Myrmeleantoidea
QS MECOPTERA
QSA Eumecoptera
QSF Bittidae
QSG Panorpidae
QSK TRICHOPTERA
QSL Annulipalpia
QSM Hydropsychoidea
QSN Hydropsychidae
QSO Xiphocentronidae
QSQ Integripalpia
QSR Rhyacophiloidea
QSS Hydroptilidae
QST Rhyacophilidae
QSU Glossomatidae
QSW Limnephiloidea
QSX Phryganeidae
QSY Limnephilidae

QT LEPIDOPTERA
QTA (Microlepidoptera)
QTB Zeugloptera
QTC Micropterigidae
QTD (Moths – Heterocera)
QTE Dacnonypha
QTF Monotrysia
QTG Hepialoidea
QTH Nepticuloidea
QTI Incurvarioidea
QTJ Ditrysia
QTK Tineoidea
QTL Tineidae
QTM Psychidae
QTN Other Tineoidea
QTO Yponomeutoidea
QTP Gelechioidea
QTQ Copromorpoidea
QTR Cossioidea
QTS Zygaenoidea
QTT Castnioidea
QTU Tortricoidea
QTV Pyraloidea
QTW Thyrididae
QTX Hyblaeidae
QTY Pyralidae
QTZ Pterophoroidea
QU Butterflies

QUA Papilionoidea
QUB Nymphalidae
QUC Riodinidae
QUD Lycaenidae
QUE Pieridae
QUF Papilionidae
QUG Hesperioidea
QUH Geometroidea
QUI Drepanidae
QUJ Geometridae
QUK Other Geometroidea
QUL Calliduloidea
QUM Bombycoidea
QUN Lasiocampidae
QUO Bombycidae
QUP Saturniidae
QUQ Other Bombycoidea
QUR Sphingoidea
QUS Noctuoidea
QUT Notodontidae
QUU Diptidae
QUV Ctenuchidae
QUW Arctiidae
QUX Agaristidae
QUY Noctuidae
QUZ Lymantriidae
QV DIPTERA
QVA Nematocera

QVB Tipuloidea
QVC Psychodoidea
QVD Culicoidea
QVE Dixidae
QVF Culicidae
QVG Blephariceridae
QVH Simuliidae
QVI Ceratopoginidae
QVJ Chironomidae
QVK Anisopidoidea
QVL Bibionoidea
QVM Mycetophiloidea
QVN Mycetophididae
QVO Perissomatidae
QVP Cecidomyidae
QVR Brachycera
QVS Tabanoidea
QVT Asiloidea
QVU Mydidae
QVV Asilidae
QVW Bombyliidae
QVX Empidoidea
QVY Empididae
QVZ Dolichopodidae
QW Cyclorrhapha
QWA Aschiza
QWB Lonchopteroidea
QWC Phoroidea

QWD Syrphoidea
QWE Schozophora
QWF Lonchaeoidea
QWG Lauxanioidea
QWH Drosophiloidea
QWI Nothyboidea
QWJ Tanypozoidea
QWK Muscoidea
QWL Muscidae
QWM Oestridae
QWN Calliphoridae
QWO Tachinidae
QWP Glossinidae
QWQ Hippoboscidae
QWR Nycteribiidae
QWS Micropezoidea
QWT Diopsoidea
QWU Sciomyzoidea
QWV Anthomysoidea
QWW Agromyzoidea
QWX Chloropidae
QWY Agromysidae
QWZ Otitidae
QX SIPHONAPTERA
QXA Pulicoidea
QXB Pulicidae
QXK Tungidae
QXM Ceratophylloidea

QXN Ceratophyllidae
QXP Ischonopsyllidae
QXS Hystrichopsyllidae
QXW Leptopsyllidae
QY HYMENOPTERA
QYA Symphyta
QYB Xyeloidea
QYC Megalodontoidea
QYD Siricoidea
QYE Orussoidea
QYF Cephoidea
QYG Tenthredinoidea
QYJ Apocrita
QYK (Parasitica)
QYL Trigonaloidea
QYM Ichneumonoidea
QYN Ichneumonidae
QYO Braconidae
QYP Stephanidae
QYQ Megalyridae
QYR Evanioidea
QYS Cynipoidea
QYT Chalcidoidea
QYU Proctotrupoidea (Serphoidea)
QYV Scelionoidea
QYW Ceraphronoidea
QYX Bethyloidea
QZ (Aculeata)

QZA Scolioidea
QZB Scoliidae
QZC Tiphiidae
QZD Mutillidae
QZE Sapygidae
QZF Formicidae
QZG Pompiloidea
QZJ Vespoidea
QZK Eumenidae
QZL Vespidae
QZM Masaridae
QZN Sphecoidea
QZO Apoidea
QZP Colletidae
QZQ Halictidae
QZR Andrenidae
QZS Melittidae
QZT Megachilidae
QZU Fideliidae
QZV Anthophoridae
QZW Xylocopidae
QZX Apidae
QZY Apinae
QZZ Bombinae, Englossinae

R CHELICERATA
RB MEROSTOMATA
RBA Xiphosura
RBB Aglaspida
RBE Synziphosura
RBJ Xiphosuridae = Limulidae
RC SCORPIONES
RCA Scorpionidae
RCE Diplocentridae
RCJ Chactidae
RCM Bathidae
RCQ Vejoridae
RCS Bothriuridae
RCW Chaerilidae
RD ARACHNIDA
RDA Solifugae
RE Pseudoscorpiones
REA Heterosphyronida
REE Homosphyronida
REX Chermetidae
*RF Araneae
RFA Liphistimorphae
RFL Liphistiidae
RFM Theraphosomorphae
RFN Cteniziformia
RFP Ctenizidae
RFS Pyconothelidormia

* Bonnet, P - Bibliographia araneorum. Tome 2. Toulouse: Douladoure, 1959

RFW Theraphosiformia
RFX Theraphosidae
RG Araneomorphae, Arachnomorpha, Gnaphosomorphae
RGA Cribellatae
RGC Hyppchiliidae
RGR Ecribellatae
RGS Apneumonatae
RHA Dipneumonatae
RHB Sicariiformia
RHF Dysderiformia
RHL Zodariiformia
RHO Lycosiformia
RHQ Argyronetidae
RHT Pisauridae
RHU Lycosidae
RIA Argiopiformia
RIB Argiopidae
RID Theridiidae
RIE Theridiosomatidae
RIG Archaeidae
RIJ Hersiliiformia
RIN Drassiformia
RIO Drassidae
RIS Ammoxeniformia
RJA Clubioniformia
RJB Clubionidae
RJH Homalonychiformia
RJJ Thomisiformia

RJN Salticiformia
RJO Salticidae
RK UROPHYGI
RL Schizomida
RM Amblypygi
RR Opilones
*RT ACARI
RTA Notostigmata
RTB Holothyroidea
RTD Parasitiformes
RTE Mesostigmata
RTF Gamasides
RTL Ixodoidea
RTM Ixodei
RTN Nuttalliellei
RTO Argasides
RTP Trombidiformes
RTQ Tarsoemini
RTR Endeostigmata
RTS Prostigmata
RTT Eleutherengona
RTU Parasitengona
RTV Sarcoptiformes
RTW Acaridiae
RTX Oribatei
RTZ Tetrapodili
RU Rycinulei

RV Palpigradi

RW PYNCOGONIDA

RX PENTASTOMIDA

RY TARDIGRADA

*S MOLLUSCS
SB Amphineura, Aculifera
SBJ Ischnochitonida
SC Aplacophora, Solenogastres
SCN Neomeniidae
SCP Proneomeniidae
SD Polyplacophora
SDM Monoplacophora
SE GASTROPODA
SF PROSOBRANCHIA
SG Archaeogastropoda
SGA Zeugobranchia
SGB Pleurotomariidae
SGC Haliotidae
SGD Scissurellidae
SGE Fissurellidae
SGF Patellacea
SGG Patellidae
SGH Acmaeidae
SGJ Trochacea
SGK Trochidae
SGM Turbinidae
SGN Neritacea
SGO Neritidae
SGP Neritopsidae
SGQ Phenacolepadidae
SGR Titiscaniidae

SGS Hydrocenidae
SGT Helicinidae
SGU Cocculinacea
SGV Cocculinidae
SGW Lepetellidae
SH Mesogastropoda
SHA Archaeotaenioglossa
SHB Valvatacea
SHC Littorinacea
SHD Rissoacea
SHG Cerithiacea
SHH Ptenoglossa
SHI Aglossa
SHJ Amaltheacea
SHL Calyptraeacea
SHN Strombacea
SHO Heteropoda
SHP Naticacea
SHQ Lamellariacea
SHR Cypraeacea
SHS Doliacea
SHU Cassididae
SHV Cymatiidae
SHW Bursidae
SHX Doliidae
SHY Pirulidae
SI Stenoglossa
SIA Muricacea

SIB Muricidae
SIC Magilidae
SIE Buccinacea
SIF Columbellidae
SIG Buccinidae
SIH Galeodidae
SII Nassidae
SIJ Fascioliidae
SIM Volutacea
SIO Olividae
SIP Mitridae
SIQ Vasidae
SIR Harpide
SIS Volutidae
SIT Cancellariidae
SIU Marginellidae
SIV Toxoglossa
SIW Conidae
SIX Terebridae
SJ OPISTHOBRANCHIA
SJA Cephalaspidea
SJF Anaspidea
SJG Pteropoda
SJH Thecosomata
SJI Euthecosomata
SJJ Pseudothecosomata
SJK Pterota, Gymnosomata
SJM Sacoglossa

SJQ Acoela
SJR Notaspidea
SJS Nudibranchia
SJT Doridacea
SJV Aeolidiacea
SJZ Rhodopacea
SK PULMONATA
SKA Basommatophora
SKB Actophila
SKC Amphibolacea
SKD Patelliformia
SKE Hygrophila
SKI Stylommatophora
SKJ Oncidiacea
SKK Soleolifera
SKL Succinacea
SKM Tracheopulmonata
SKN Achatinellacea
SKO Vertiginacea
SKP Achatinacea
SKQ Oeacinacea
SKS Zonitacea
SKT Ariophantacea
SKU Acavacea
SKV Bulimulacea
SKW Helicacea
SKX Streptaxacea
SL SCAPHOPODA

SLA Siphonodentaliidae
SLD Dentaliidae
SM BIVALVIA
SN Protobranchia
SO Filibranchia
SOA Taxodonta
SOC Nuculacea
SOH Arcacea
SOL Anisomyaria
SOM Mytilacea
SON Pteriacea
SOP Pectinacea
SOR Anomiacea
SOU Ostreacea
SQ Eulamellibranchiata
SQA Schizodonta
SQB Trigoniacea
SQC Unionacea
SQG Hterodonta
SQH Tellinacea
SQI Astartacea
SQJ Sphaeriacea
SQK Veneracea
SQL Cardiacea
SQM Isocardiacea
SQN Carditacea
SQO Cyprinacea
SQP Cyamiacea

SQQ Gaimardiacea
SQR Dreisseniaceae
SQS Lucinacea
SQT Erycinacea
SQU Chamacea
SQV Matracea
SRA Adapedonta
SRB Solenacea
SRC Saxicavacea
SRD Myacea
SRE Gastrochaenacea
SRF Adesmacea
SRH Teredinidae
SRL Anomalodesmata
SRM Pandoracea
SRP Clavagellacea
SRQ Poromyacea
SS CEPHALOPODA
ST Tetrabanchia
STA Nautilidae
STM Ammonoidea
SU Decapoda
SUA Sepiacea
SUB Spirulidae
SUC Sepiidae
SUD Sepiadariidae
SUE Sepiolidae
SUF Idiosepiidae

SUG Loliginacea
SUH Loliginidae
SUI Lepidoteuthidae
SUJ Promachoteuthidae
SUK Architeuthacea
SUL Lycoteuthidae
SUM Euoploteuthidae
SUN Octopodoteuthidae
SUO Bathyteuthidae
SUP Ommastrephidae
SV Octopoda
SVT Octopodidae
SVY Argonautidae

•T	ECHINODERMATA
TA	Echinozoa
TAA	Helicoplacoidea
TAK	Edrioasteroidea
TAS	Ophiocystioidea
TC	Holothuroidea
TD	Dendrochirotoacea
TDA	Dendrochirotida
TDM	Dactylochirotida
TE	Aspidochirotoacea
TEA	Aspidochirotida
TEM	Elasipodida
TF	Apodacea
TFA	Apodida
TFM	Molpadida
TG	Echinoidea
TH	Perischoechinoidea
THA	Echinocystitoida
THJ	Bothriocidaroida
THP	Palaechinoidea
THS	Cidaroida
TJ	Euechinoidea
TK	Diadematacea
TKA	Echinothurioida
TKJ	Diadematoida
TKN	Pedinoida
TKS	Pygasteroida

TL Echinacea
TLA Salenioida
TLE Hemicidaroida
TLI Phymosomatoida
TLM Arbacioida
TLQ Temnopleuroida
TLU Echinoida
TM Gnathostomata
TMA Holectypoida
TMM Clypeasteroida
TN Atelostomata
TNA Cassiduloida
TNK Holasteroida
TNP Spatangoida
TO HOMALOZA
TP CRINOZOA
TQ Cystoidea
TR Blastoidea
TS Crinoidea
TSA Inadunata
TSG Camerata
TSM Flexibilia
TSR Articulata
TSS Canulatidae
TST Pentacrinidae
TT ASTEROZOA
TU Stelleroidea
TV Somasteroidea

TW Asteroidea
TWA Platyasterida
TWC Phaneroizonida
TWH Spinulosida
TWJ Acanthasteridae
TWN Euclasterida
TWS Forcipulatida
TY Ophiuroidea
TYA Stenurida
TYJ Oegophiurida
TYN Phrynophiurida
TYS Ophiurida
TZA MACHAERIDIA

*U HEMICHORDATA AND CHORDATA
UA PROTOCHORDATA
UB POGONOPHORA
UC HEMICHORDATA
UE Enteropneusta
UG Pterobranchia
UH Rhabdopleurida
UI Cephalodiscidea
UJ CHORDATA
UK Urochordata (Tunicata)
UM Ascidiacea
UN Thaliacea
UO Pyrosomidea
UP Salpidea
UQ Doliolidea
UR Larvacea (Appendicularia)
US Cephalochordata
USX Amphioxides
UTH Amphioxus
UU Vertebrata (Craniata)
UV Agnatha
UW Ostracodermi
UWA Osterostraci
UWE Anaspida
UWJ Heterostraci
UWR Thelodonti
UWV Palaeospondyli

*Barrington, E J W - The biology of Hemichordata and Protochordata.

UX Cyclostomata
UY Petromyzontia
UZ Myxinoidea

•V	PISCES
VA	ACANTHODII
VB	PLACODERMI
VC	CHONDRICHTHYES
VCA	Selachii
VCM	Protoselachii
VD	Euselachii
VDA	Pleurotremata
VDB	Hexoanchiformes
VDC	Hexanchidae
VDD	Chlamydoselachidae
VDE	Heterodontiformes
VDF	Galeiformes
VDG	Isuroidei
VDJ	Carcharhinoidei
VDK	Scyliorhinidae
VDL	Carcharhinidei
VDM	Squaliformes
VDN	Squaloidei
VDO	Squalidae
VDP	Scymnorhinidae
VDQ	Pristiophoridae
VDR	Squatinoidei
VDS	Hypotremata
VDT	Rajiformes
VDU	Rhinobatoidei
VDV	Rajoidei

VDW Dasyatoidei
VDZ Torpediniformes
VE Bradyodonti
VEA Eubradyonti
VEM Holocephali
VF OSTEICHTHYES
VFA Actinopterygii
VFB Chondrostei
VFC Tarrasiformes
VFX Acipenseriformes
VFY Acipenseridae
VFZ Polyodontidae
VG Holostei
VGA Semionotiformes
VGM Amiiformes
VH Halecostomi
VHA Pholidophoriformes
VHJ Leptolepiformes changed to Lepisosteiformes (11/10)
VHS Aspidorhynchiformes
VI Teleostei
VJ Clupeiformes
VJA Elopoidei
VJF Notopteroidei
VJI Osteoglossiformes
VJM Mormyroidei
VJP Clupeoidei
VJR Engraulidae
VJQ Clupeidae

VKA Chanoidei
VKE Cromeerioidei
VKF Salmonoidei
VKG Salmonidae
VKH Osmeridae
VKJ Opisthoproctoidei
VKP Gonorhynchoidei
VKQ Alepocephaloidei
VKR Stomiatoidei
VKS Gonostomidae
VKT Stermoptychidae
VKU Astronesthidae
VKV Melanostomiatidae
VKW Malacosteidae
VKX Idiacanthidae
VKY Stomiatidae
VKZ Chauliodidae
VLA Bathylaconoidei
VLB Esocoidei
VLC Umbridae
VLD Esocidae
VLE Dallidae
VLF Galaxioidei
VLG Galaxiidae
VLI Alepisauroidae
VLJ Scopelarchidae
VLK Evermanellidae
VLL Omosudidae

VLM Alepisauridae
VLN Anotopteridae
VLO Myctophoidei
VLQ Synodidae
VLU Myctophidae
VLW Miripinnatoidei
VLX Miripinnidae
VLY Taeniophoridae
VLZ Ateleopoidei
VM Tetraodontiformes
VMA Triodontoidei
VMC Tetraodontoidei
VMK Ostracionoidei
VMQ Moloidei
VN Cypriniformes
VNA Characoidei
VNC Gymnatoidei
VND Sternarchidae
VNE Gymnotidae
VNF Cyprinoidei
VNG Catostomidae
VNH Cyprinidae
VNM Siluroidei
VNO Bagridae
VNP Diplomystidae
VNQ Malopteruridae
VNU Siluridae
VNW Clariidae

VNY Callichthyidae
VNZ Loricariidae
VO Anguilliformes
VOA Anguilloidei
VOB Anguillidae
VOC Simenchelyidae
VOI Congroidei
VOL Nettastomidae
VOS Nemichithyoidei
VPA Synbranchiformes
VPB Synbranchidae
VPD Alabiformes
VPE Giganturiformes
VPF Saccopharyngiformes
VPI Monograthiformes
VPJ Bathyclupeiformes
VPK Percopsiformes
VPL Notacanthiformes
VPQ Beloniformes
VPR Belnoidei
VPU Exocoetoidei
VPV Hemiramphidae
VPW Exocoetidae
VQA Gasterosteiformes
VQB Gasterosteidae
VQE Aulostomiformes
VQJ Syngnathiformes
VQK Solenostomidae

VQL Syngnathidae
VQM Cyprinodontiformes
VQN Cyprinodontidae
VQQ Poeciliidae
VQU Amblyopsiformes
VQV Phallostethiformes
VQW Mugiliformes
VQZ Atherinidae
VRA Polynemiformes
VRC Gadiformes
VRD Macrouridae
VRE Gadidae
VRL Lampridiformes
VRS Stephanoberyciformes
VS Acanthopterygii
VSA Beryciformes
VSL Zeiformes
VSS Coryphaeniformes
VST Coryphaenidae
VT Perciformes
VTA Percoidei
VTB Serranidae
VTC Lutianidae
VTD Lobotidae
VTE Dipterygonotidae
VTH Centrarchidae
VTI Percidae
VTK Sciaenidae

VTL Carangidae
VTM Mullidae
VTN Sparidae
VTP Chaetodontidae
VTR Cichlidae
VTV Labroidei
VTW Pomacentridae
VTY Labridae
VTZ Scaridae
VUA Trachinoidei
VUK Chiasmodontoidei
VUL Callionymoidei
VUO Blennioidei
VUP Blenniidae
VUQ Anarhichadidae
VUT Zoarcidae
VUV Ophidioidei
VUZ Ammodytoidei
VVA Siganoidei
VVB Acanthuroidei
VVE Balistroidei
VVH Scombroidei
VVI Scombridae
VVJ Thunnidae
VVM Xiphiidae
VVP Trichuiroidei
VVS Luvaroidei
VVT Stromateoidei

VVW Icosteoidi
VVX Anabantoidei
VYV Anabantidae
VWA Ophicephaloidei
VWB Kurtoidei
VWC Gobioidi
VWE Gobiidae
VWG Batrachoidoidei
VWH Gobiesocoidei
VWI Echeneoidei
VWJ Scorpaenoidei
VWK Anoplopomatidae
VWL Hexagrammidae
VMM Scorpaenidae
VWQ Cottoidei
VWR Cottidae
VWT Cylcopteridae
VWU Dactylopteroidei
VWV Pegasoidei
VX Pleuronectiformes
VXA Psettodoidei
VXC PLEURONECTOIDEI
VXD Bothidae
VXE Pleuronectidae
VXF Soleoidei
VXG Soleidae
VXI Mastacembeliformes
VXJ Mastacembeloidei

VXK Chaudhurioidae
VXL Lophiiformes
VXM Lophioidae
VXN Antennarioidei
VXQ Ogcocephaloidei
VXR Ceratioidei
VY Brachyopterygii
VYA Polypteriformes
VYE Dipneusti
VYF Dipteri
VYG Dipteriformes
VYK Phaneropleuriformes
VYP Ctenodiformes
VYS Ceratodi
VYT Ceratodiformes
VYU Cereatodidae
VZ Crossopterygii
VZA Phipidistii
VZB Osteolepiformes
VZF Porolepiformes
VZM Actinistii
VZN Coelacanthiformes
VZO Coelacanthidae

*W AMPHIBIANS AND REPTILES, HERPETOLOGY
WA AMPHIBIA
WB LABYRINTHODONTIA
WBA Ichthyostegalia
WBJ Temnospondyli
WBS Anthracosauria
WC Lepospondyli (Urodelomorpha)
WCA Nectridia
WCJ Aistopoda
WCS Microsauria
WF Lissamphibia
WG Caudata
WGA Cryptobranchoidea
WGB Hynobiidae
WGC Cryptobranchidae
WGF Sirenoidea
WGG Sirenidae
WGJ Salamandroidea
WGK Salamandridae
WGL Salamandrinae
WGM Triturinae
WGP Proteidae
WGQ Amphiumidae
WGS Anbystomatoidea
WGT Anbystomatidae
WGU Plethodontidae
WH Anura, Batrachia

*Dowling - 1974 yearbook of herpetology.

WI Archeobatrachia
WIA Discoglossoidea
WIB Leiopelmatidae
WIC Discoglossidae
WIP Pipoidea
WIQ Rhinophrynidae
WIR Pipidae
WIU Rheobatrachus
WJ Neobatrachia
WJA Pelobatrachia
WJC Bufonoidea
WJD Leptodactylidae
WJE Centrolenidae
WJF Bufonidae
WJG Brachycephalidae
WJH Rhinodermatidae
WJI Dendrobatidae
WJJ Pseudidae
WJK Hylidae
WJM Microhylidae
WJN Microhylidae
WJO Phrynomeridae
WJR Ranoidea
WJV Ranidae
WJX Hyperoliidae
WK Gymnophiona (Caecilians)
WKA Ichthyophiidae
WKF Typhlonectidae
WKN Caeciliidae

WKS Scolecomorphidae
WL REPTILIA
WM ANAPSIDA
WMA Cotylosauria
WMM Mesosauria
WN Testudines
WNA Proganochelydia
WND Amphicelydia
WNJ Cryptodira
WNK Testudinoidea
WNM Dermatemydidae
WNN Kinosternidae
WNO Chelydridae
WNP Testudinidae
WNQ Chelonioidea
WNR Cheloniidae
WNS Dermochelyidae
WNT Trionychoidea
WNU Trionychidae
WNV Carettochelyidae
WNW Pleurodira
WNX Pelomedusidae
WNY Chelidae
WOK Rhynchocephalia
WOL Sphenadontidae
WOZ Squamata
WP Sauria
WPA Iguania

WPB Iguanidae
WPC Agamidae
WPD Chamileonitidae
WPJ Gekkota
WPK Gekkonidae
WPL Pygopodidae
WQA Scincomorpha
WQH Xantusiidae
WQH Teiidae
WQO Lacertidae
WQR Cordylidae
WQS Scincidae
WQU Dibamidae
WR Anguimorpha
WRA Diploglossa
WRB Xenosauridae
WRC Anguidae
WRD Aniellidae
WRP Platynota
WRQ Helodermatidae
WRR Varanidae
WRS Lanthanotidae
WS Amphisbaenia
WSA Amphisbaenidae
WSM Trogonophidae
WT Serpentes
WTA Booidea
WTB Boidae

WTC Aniliidae
WTD Tropicodphiidae
WTE Bolyeriidae
WTM Typhlopoidea
WTN Uropeltidae
WTO Leptotyphlopidae
WTP Anomalepididae
WTQ Typhlopidae
WU Colubroidea
WUB Colubridae
WUC Colubrinae
WUD Boiginae
WUE Dasypeltinae
WUH Elapidae
WUN Hydrophiinae
WUR Viperidae
WUS Viperinae
WUT Crotalinae
WV Thecodontia
WW Crocodylia
WWA Protosuchia
WWC Archaeosuchia
WWD Mesosuchia
WWO Sebecosuchia
WWS Eusuchia
WWT Crocodylidae
WWU Alligatorinae
WX Dinosaurs

WXA Saurischia
Therapoda
Sauropoda
WXF Ornithischia
WXG Ornithopoda
WXJ Stegosauria
WXM Ankylosauria
WXP Certopsia
WXS Pterosauria
WXT Rhamphorhynchoidea
WXX Pteradactyloidea
WY Synaptosauria
WYA Placodontia
WYG Sauropterygia
WYG Plesiosauria
WYM Mesosauria
WYS Ichthyopterygia
WYT Ichthyosauria
WZ SYNAPSIDA
WZA Pelecosauria
WZG Therapsida
WZH Theriodontia
WZN Anomodontia
WZT Tritylodontia

•X BIRDS

XA ARCHAEOPTERYGIFORMES

XB Fossil Neornithes

XBA Odontognathae (Hesperornithiformes)

XBK Ichthyornithes (Ichthyornithiformes)

XC Ratite birds in general

XCC STRUTHIONIFORMES

XCD Struthionidae

XCH RHEIFORMES

XCJ Rheidae

XCM CASUARIIFORMES

XCN Casuariidae

XCO Dromaiidae

XCS AEPYORNITHIFORMES

XCV DINORNITHIFORMES

XDA APTERYGIFORMES

XDB Apterygidae

XDM TINAMIFORMES

XDN Tinamidae

XE SPHENISCIFORMES

XEA Spheniscidae

XEB Aptenodytes

XEC King penguin

XED Emperor penguin

XEE Pygoscelis

XEF Gentoo penguin

XEG Adelie penguin

XEH Bearded penguin
XEI Eudyptes
XEJ Victoria penguin
XEK Snares Island penguin
XEL Big-crested penguin
XEM Rockhopper penguin
XEN Royal penguin
XEO Macaroni penguin
XEP Megadyptes
XEQ Yellow-eyed penguin
XER Eudyptyla
XES Little penguin
XET White-flipped penguin
XEU Spheniscus
XEV Jackass penguin
XEW Humboldt penguin
XEY Magellanic penguin
XEZ Galapagos penguin
XFA GAVIIFORMES
XFB Gaviidae
XFM PODICIPEDIFORMES
XG PROCELLARIIFORMES
XGD Diomedidae
XGG Procellariidae
XGL Fulmarinae
XGP Puffinus
XGT Hydrobatidae
XGW Pelecanoididae

XGZ ODONTOPTERYGIFORMES

XH PELECANIFORMES

XHB Paethontidae

XHC Sulidae

XHD Phalacrocoracidae

XHE Anhingidae

XHF Fregatidae

XHG Pelecanidae

XHH CICONIIFORMES

XHI Ardeidae

XHJ Ardeinae

XHK BOTAURINAE

XHL Balaenicipitidae

XHO Scopidae

XHQ Ciconiidae

XHS Threskiornithidae

XHV Phoenicopteridae

XI ANSERIFORMES, WATERFOWL

XIB Anhimidae

XIF Anatidae

XIG Anseranatinae

XIH Anerinae

XIJ Dendrocygnini

XIK Anserini

XIM Cygnus

XIN Anser

XIO Branta

XIP Anatinae

- XIR Tadornini, Shelducks, Sheldgeese
- XIS Anatini, dabbling ducks
- XIU Aythiini, Pochards
- XIV Cairinia, perching ducks and geese
- XIW Somaterini, eiders
- XIX Mergini, scoters, golden-eyes, merganisers, goosanders
- XIY Oxyurini, stifftails
- XJ FALCONIFORMES, BIRDS OF PREY IN GENERAL
- XJB Cathartidae
- XJC Vulture
- XJD Condor
- XJG Accipitridae
- XJI Aegypiinae, Old World vultures
- XJJ Gypaetinae, Lammergeier
- XJL Accipitrinae, hawks, buzzards, eagles
- XJM Circaetinae, harrier eagles
- XJN Circinae, harriers
- XJO Polyboroidinae, harrier hawks
- XJP Milvinae, kites and fish eagles
- XJQ Perninae, Honey-buzzards
- XJR Elaninae, White-tailed bustards
- XJU Pandionidae
- XJW Falconidae
- XJX Falco
- XJZ Sagittariidae
- XK GALLIFORMES, GAME BIRDS
- XKA Cracoidea
- XKB Megapodidae

XKK Leiposa Malletfowl
XKO Cracidae
XKP Crax Curassows
XL Phasionoidea
XLA Tetraonidae
XLD Numididae
XLG Meleagrididae
XLJ Phasianidae
XLK Pavo, Afropavo
XLM Syrmaticus
XLN Crossoptilon
XLO Gallus, Poultry
XLR Coturnix
XLS Perdix
XLU Odontophorinae
XLW Opisthocomidae
XLZ Diatrymiformes
XM GRUIFORMES
XMA Mesitornithidae
XMD Turnicidae
XME Pedionomidae
XMI Gruidae
XMJ Aramidae
XMK Psophiidae
XMM Rallidae
XMQ Heliornithidae
XMS Rhynochetidae
XMU Eurypygidae

XMW Cariamidae
XMY Otididae
XN CHARADRIIFORMES, SHORE BIRDS
XNA Jacanidae
XND Charadriidae
XNF Phalaropodidae
XNI Scolopacidae
XNL Dromadidae
XNM Burhinidae
XNN Glareolidae
XNO Thinocoridae
XNP Chionididae
XNR Lari
XNS Stercorariidae
XNT Laridae
XNU Sterninae
XNV Rynchopidae
XNW Alcae
XNY Alcidae
XO COLUMBIFORMES
XOA Pterocletes
XOC Pteroclididae
XOJ Columbae
XOK Columbidae
XOL Columbinae
XON Treroninae
XOV Raphidae, dodo
XP PSITTACIFORMES

XPA Psittacidae
XPB Loriinae
XPK Kakatoeinae
XPM Nestorinae
XPQ Micropsittinae
XPS Psittacinae
XPT Strigopinae
XPU Cuculiformes
XPV Musophagi
XPW Cuculi
XQ STRIGIFORMES
XQA Tytonidae
XQG Strigidae
XQH Strix
XQI Bubo
XQJ Nyctea
XQK Athene
XQL Micrathene
XQM Asio
XQN Otus
XQO Glaucidium
XQP Aegolius
XR CAPROMULGIFORMES
XRA Steatornithes
XRD Caprimulgi
XRE Podargidae
XRF Nyctibiidae
XRG Aegothelidae

XRH Caprimulgidae
XRK APODIFORMES
XRM Apodidae
XRN Chaeturinae
XRO Apodinae
XRP Hemiprocnidae
XRT Trochili
Trochilidae
XRV COLIIFORMES
XRW Coliidae
XRY TROGONIFORMES
XRZ Trogonidae
XS Coraciiformes
XSA Alcedines
XSB Alcedinidae
XSJ Todoidea
XSL Momotoidea
XSM Meropes
XSN Coracii
XSO Leptosomatidae
XSP Coraciidae
XST Upupidae
XSU Phoeniculidae
XSV Bucerotes
Bucerotidae
XT PICIFORMES
XTA Galbulae
XTD Galbuloidae

XTG Galbulidae
XTJ Bucconidae
Capitonoidea
XTK Capitonidae
XTP Indicatoridae
Rhamphastoidea
XTR Rhamphastidae
Pici
XTT Picidae
XTU Picinae
XTW Jynginae
XU PASSERIFORMES
XUB Eurylaimi
XUC Eurylaimidae
XUD Tyranni
XUF Furnarioidea
XUG Dendrocolaptidae
XUH Furnariidae
XUJ Formicariidae
XUK Conopophagidae
XUL Rhinocryptidae
XUO Tyrannoidea
XUP Pittidae
XUS Xenicidae
XUT Tyrannidae
XUU Pipridae
XUV Cotingidae
XUW Phytotomidae

XVB Menuræ
XVC Menuridæ
XVD Atrichornithidæ
XVF Oscines
XVG Alaudidæ
XVH Motacillidæ
XVJ Campephagidæ
XVK Pycnonotidæ
XVL Muscicapidæ
XVM Muscicapinæ
XVN Malurinæ
XVO Turdinæ
XVP Pachycephalinæ
XVQ Sylviinæ
XVR Timaliinæ
XVS Cinclosomatinae
XVT Paradoxornithinae
XVU Polioptilinæ
XVV Panurinae
XVW Hirundinidæ
XWB Irenidæ
XWC Laniidæ
XWD Vireonidæ
XWE Paridæ
XWF Parinae
XWG Aegithalinæ
XWH Remizinae
XWI Corvidæ

XWJ Corvus
XWK American jays
XWL Typical jays
XWM Magpies
XWN Ground jays
XWO Nutcrackers
XWP Choughs
XWR Certhiidae
XWS Climacteridae
XWX Callaeidae
XWY Grallinidae
XWZ Artamidae
XXA Cractidae
XXF Bombycilliae
XXH Cinclidae
XXJ Troglodytidae
XXK Mimidae
XXL Prunellidae
XXM Sittidae
XXN Dicaeidae
XXO Nectariniidae
XXP Zosteropidae
XXQ Meliphagidae
XXT Ptilinorhynchidae
XXU Paradiseidae
XXV Icteridae
XXW Oriolidae
XXX Sturnidae

XY Fringilliformes
XYA Estrildidae
XYC Erythrurini
XYF Ploceidae
XYG Ploceinae
XYH Passerinae
XYI Viduinae
XYK Fringillidae
XYL Carduelinae
XYM Fringillinae
XYN Geospizinae
XYQ Emberizinae
XYU Thraupinae
XYX Parulidae
YYY Drepanididae

*Y MAMMALS
YA PROTOTHERIA
YB MONOTREMATA
YBE Tachyglossidae
YBP Ornithorhynchidae
**YD MARSUPIALIA
YDA Extinct marsupials
YDB Didelphidae
YDC Microbiotheriidae
YDD Caempestodae
YDE Dasyuridae
YDF Sminthopsis
YDH Myrmecobiidae
YDI Thylacinidae
YDK Peramelidae
YDM Phalangeridae
YDN Burramyidae
YDO Petauridae
YDS Macropodidae
YDT Macropus
YDV Dendrolagus
YDW Phascolarctidae
YDX Vombatidae
YDY Tarsipedidae
YE EDENTATA
YEK Myrmecophagidae
YEQ Dasypodidae

YER Megatheriidae
YES Bradypodidae
YEV TUBULIDENTATA, ORYCTEROPODIDAE
YEW Pholidota, Manidae
YF INSECTIVORA
YFC Menotyphla
YFF Tupaiidae
YFM Solenodontidae
YFN Tenrecidae
YFP Potamogalidae
YFQ Chrysochloridae
YFR Erinaceidae
YFT Macroscelididae
YFV Soricidae
YFW Talpidae
YFY Nesophontidae
YFZ DERMOPTERA
YG UNGULATES
YGA PAENUNGULATES
YGC SIRENIA
YGD Trichechidae
YGE Dugongidae
YGG Fossil Sirenia
YGO HYRACOIDEA
YGP Dendrohyrax
YGQ Heterohyrax
YGR Procavia

YGT PROBOSCOIDEA
YGU Elephantidae
YGV Elephas, Indian elephant
YGW Loxodonta, African elephant
YGX Mammoth
YGY Fossil elephants, Mastodon
YH PERISSODACTYLA
YHI Fossil Equidae
YHJ Equidae
YHK Przewalsky's horse
YHL Zebra
YHM Quagga
YHN Asses
YHR Tapiridae
YHU Fossil Rhinocerotidae
YHV Rhinocerotidae
YHW Diceros
YHX Rhinoceros
YHY Ceratotherium
YHZ Didermocerus
YI Artiodactyla
YIA Fossil Artiodactyla
YIH Hippopotamidae
YIJ Choeropsis
YIK Hippopotamus
YIL Suidae
YIQ Tayassuidae
YIR Ruminants

YIT Tragulidae
YIX Camelidae
YIY Camelus
YIZ Lama, Vicugna
YJ Pecora
YJB Cervidae
YJC Cervus
YJD Dama
YJE Capreolus
YJF Odocoileus
YJG Alces
YJH Rangifer
YJI Hippocamelus
YJJ Axis
YJL Elaphurus
YJO Mazama
YJP Pudu
YJR Hydropotes
YJS Muntiacus
YJU Giraffidae
YJV Giraffa
YJW Okapia
YJY Antilocapridae
YK Bovidae
YKA Tragelaphus + Boocercus
YKB Taurotragus, Boselaphus + Tetracerus
YKC Bubalus + Anoa
YKD Bos

YKE Syncerus + Bison

YKF Cephalophus + Sylvicapra

YKG Kobus, Redunca + Pelea

YKH Hippotragus + Oryx

YKI Addax, Damaliscus, Alcelophus + Beatragus

YKJ Connochaetes

YKK Oreotragus + Ourebia

YKL Raphicerus, Nesotragus, Neotragus, Madoqua + Dorcatragus

YKM Antilope + Aepyceros

YKN Ammodorcas + Litocranius

YKO Gazella + Antidorcas

YKP Procapra + Pantholops

YKQ Saiga

YKR Nemorhaedus + Capricornis

YKS Oreamnos

YKT Rupicapra

YKU Budorcas

YKV Ovibos

YKW Hemitragus

YKX Capra, Goats in general

YKY Pseudois + Ammotragus

YKZ Ovis, Sheep in general

YL CETACEA

YLA Fossil Cetacea

YLB Mysticeta – Baleen Whales

YLC Balaenopteridae

YLD Balaenoptera

YLE Megaptera

YLG Balaenidae
YLH Balaena
YLK Eschrichtiidae
YLL Odontoceta – Toothed whales
YLM Physteridae
YLN Ziphiidae
YLO Platanistidae
YLQ Monodontidae
YLR Phocoenidae
YLS Delphinidae
YLT Delphinus
YLU Phocaena
YLV Grampus
YLW Orcinus
YLX Tursiops
YLY Pseudorca
YLZ Others
YM CARNIVORA
YMA Fossil carnivora
YMB Canidae
YMC Canis
YMD Domestic dog
YME Dingo – C. dingo
YMF Wolves – C. lupus, C. rufus
YMI Coyotes – C. latrans
YMJ Jackals – C. aureus, C. mesomelas, C. adustus, C. simensis
YMK Foxes – Alopex, Vulpes, Fennecus, Urocyon, Nyctereutes
YMT S. American Canidae, Cerdocyon, Atelocynus, Pseudalopex,
Dusicyon, Chrysocyon, Speothos

YMX Cuon

YMY Lycaon

YMZ Otocyn

YNA Ursidae

YNB Tremarctos

YNC Selenarctos

YND Ursus

YNE Euarctos

YNF Thalarctos

YNG Helarctos

YNH Melursus

YNJ Ailuropoda

YNL Procyonidae

YNN Mustelidae

YNO Mustelinae (Mustela, Vormela, Martes, Eira, Lyncodon,
Ictonyx, Poecilictis, Gulo)

YNP Mink (Mustela lutreola, M. vison)

YNR Melivorinae (Mellivora)

YNT Melinae (Arctonyx Mydaus Suillotaxus Taxidea Melogale
Mephitis Spilogale Conepatus)

YNU Meles

YNW Lutrinae (Lutra Pteronura Amblonyx Aonyx Paraonyx)

YNX Enhydra

YOA Viverridae

YOB Genetta

YOK Mongoose

YOP Suricata

YOR Cryptoprocta

YOS Yaenidae

YOT Proteles

YOU Crocuta
YOY Hyaena
YPA Felidae
YPB Lynx
YPE Felis
YPF Wild cat
YPG Domestic cat
YPH Puma
YPL Jaguar
YPM Leopard
YPN Tiger
YPO Lion
YPW Neofelis
YPX Uncia
YPZ Acinonyx
YQ PINNIPEDIA
YQA Otariidae
YQB Otaria
YQC Eumetopias
YQD Zalophus
YQE Neophoca
YQF Arctocephalus
YQG Callorhinus
YQJ Odobenidae
YQL Phocidae
YQM Phoca
YQN Pusa
YQO Histiophoca

YQP Pagophilus
YQQ Halichorus
YQR Erignathus
YQS Monachus
YQT Lobodon
YQU Ommatophoca
YQV Hydrurga
YQW Leptonychotes
YQX Cystophora
YQY Mirounga
YR RODENTIA
YRA Aplodontidae
YRB Sciuridae
YRD Sciurus
YRE Tamiasciurus
YRG Tamia
YRH Marmota
YRI Spermophilus
YRL Geomyidae
YRQ Heteromyidae
YRU Castoridae
YRV Anomaluridae
YRZ Peditidae
YS Myomorpha
YSA Cricetidae
YSB Cricetinae – New World Tribe
YSC Hamsters
YSD Myospalax

YSE Nesomyinae
YSF Lophiomyinae
YSG Microtinae
YSH Gerbillinae
YSI Spalacidae
YSJ Rhizomyidae
YSK Muridae
YSL Murinae
YSM Rattus
YSN Mus
YSO Micromys
YSP Dendromurinae
YSQ Otomyinae
YSR Phloeomyinae
YSS Rhynchomyinae
YST Hydromyinae
YSU Myoxidae
YSV Platacanthomyidae
YSW Seleviniidae
YSX Zapodidae
YSY Dipodidae
YT Hystricomorpha
YTA Hystricidae
YTD Erethizontidae
YTE Caviidae
YTH Hydrochaeridae
YTI Dinomyidae
YTJ Dasyproctidae

YTM Chinchillidae
YTP Capromyidae
YTQ Octodontidae
YTR Ctnomyidae
YTS Abrocomidae
YTT Echimyidae
YTW Thryonomyidae
YTX Petromyidae
YTY Bathyergidae
YTZ Ctenodactylidae
YU Lagomorpha
YUA Ochotonidae
YUB Leporidae
YUH Leporinae
YUI Caprolagus
YUJ Lepus
YUL Oryctolagus
YV CHIROPTERA
YVA Megachiroptera
YVB Pteropodidae
YVF Microchiroptera
YVN Rhinolophidae
YVQ Phyllostomidae
YVR Desmodontidae
YVU Vespertilionidae
YVZ Molossidae
YW PRIMATES, MONKEYS IN GENERAL
YWD Prosimians

YWF Tarsiidae
YWJ Lemuridae
YWL Lemur
YWN Microcebus
YWO Indriidae
YWQ Daubentoniidae
YWS Lorisidae
YWU Galago
YWV Perodicticus
YWW Nycticebus
YX New World monkeys
YXA Cebidae
YXK Chiropotes
YXM Alouatta
YXN Cubus
YXO Saimiri
YXP Callicebus
YXQ Ateles
YXS Lagothrix
YXV Callitrichidae
YXW Callithrix
YXX Callimico
YXY Saguinis
YXZ Leontideus
YY Old World Monkeys
YYA Cercopithecidae
YYC Macaca
YYG Papio

YYJ Theropithecus
YYK Cercopithecus
YYP Presbytis
YYR Semnopithecus
YYW Colobus
YZ Apes in general
YZA Pongidae
YZC Hoolock
YZB Hylobates
YZL Pan
YZP Gorilla
YZS Pongo
YZV Hominidae
Z Homo (Note – use Exploration or Expedition if applicable instead)

GEOGRAPHICAL SUBDIVISION SCHEDULE

a	America
aa	North America
aab	Canadian Arctic
aag	Greenland
aaj	Baffin Island
aat	Eastern North America
aaw	Western North America
ac	Canada
ad	Eastern Canada
adl	Labrador
adm	St Pierre and Miquielon archipelago
adn	Newfoundland
ae	Maritime Provinces
aee	Prince Edward Island
aej	Magdalen Islands
af	Nova Scotia
afe	Cape Briton Island
ag	New Brunswick
ah	Maine
ai	Quebec (Province)
aim	Montreal
aiq	Quebec (City)
aj	Ontario (Province)
ajc	Ottawa
ajq	Quetico Provincial Park
ajs	Southern Ontario
ajt	Toronto

ak Great Lakes region in Canada
(See also: bl – Great Lakes, USA)

ake Lake Erie

aks Lake Superior

al Prairie Provinces

am Manitoba

an Saskatchewan

ao Alberta

aoc Calgary

aoj Jasper National Park

ap Western Canada

aq British Columbia

aqc Vancouver (City)

ar Vancouver Island

arq Queen Charlotte Islands

as Northern Canada

asb Great Fish River

at Northwest Territories (Canada)

atk Hudson Bay

au Yukon

auk Klondyke

av Alaska

ava Aleution Islands

avp Pribiloff Islands

b United States

ba North Eastern US

bai Maine

ban New Hampshire

bav Vermont

bb New England
bbc Massachusetts
bbg Boston
bbn Nantucket
bbr Rhode Island
bbv Connecticut
bbw Connecticut River
bc New York (State)
bch Hudson River
bcj Adirondacks
bcl Long Island
bcr Buffalo
bd New York (City)
bds Staten Island
be Eastern US
bed New Jersey
beh Delaware
bem Maryland
ben Chesapeake Bay
bep Pennsylvania
ber Philadelphia
bf Washington (City)
bfb District of Columbia
bg Southern States
bgb Virginia
bgf West Virginia
bgh North Carolina
bgk South Carolina

bgr Georgia
bgs Savannah River
bgt Atlanta
bgv Florida
bgw Florida Keys
bgx Santa Fe River
bgy Miami
bha Alabama
bhe Mississippi
bhl Louisiana
bhn New Orleans
bik Kentucky
bil Louisville
bit Tennessee
bj Central US Mississippi River
bkh Ohio
bki Cincinnati
bkj Cleveland
bkl Columbus
bkn Indiana
bko Indianapolis
bks Illinois
bkv Chicago
bl Great Lakes region
(See also: ak – Great Lakes, Canada)
blm Lake States
bls Isleroyale (Lake Superior)
blt Michigan
blv Detroit

bm Mid-western US
bme Wisconsin
bmg Milwaukee
bmn Minnesota
bna Iowa
bne Missouri
bnf Missouri River
bnh St Louis
bnk Kansas
bnl Kansas City
bnm Topeka
bnn Nebraska
bnq Dakota
bns North Dakota
bnv South Dakota
bo South Central United States
boa Arkansas
boo Oklahoma
bp Texas
bpf Fort Worth
bpr Rio Grande River
bq Western US – The West
bqp Great Plains
bqr Rocky Mountains
br Rocky Mountain states and regions
brc Colorado
brd Denver
brf Colorado Springs

brj Wyoming
brp Yellowstone National Park
bs Great Britain
bsh Utah
bsn Nevada
bt North Western US
btc Montana
btg Yellowstone River
bti Idaho
bv Pacific Coast States US
bve Columbia River
bvh Washington (State)
bvk Seattle
bvl Puget Sound
bvo Oregon
bvp Portland
bw California
bwd Sierra Nevada
bwe Sacramento
bwf San Francisco
bwg San Diego
bwl Los Angeles
bwn San Pedro Basin
bwp Pasadena
bww Hasting Natural History Reserve, Monterey County
bwy Yosemite National Park
bwz Joshua Tree National Monument
by South Western US

bya Arizona
byc Colorado River
byd Grand Canyon National Park
byn New Mexico
bz Mexican border
c Latin America, Neotropic zone (Mexico – Central American,
West Indies – South America)
ca Mexico and Central America
cb Mexico
cba Mexico: East Coast and North Plains
cbf Yucatan Peninsula
cbg Chiapas
cbt Isthmus of Tehuantepec
cbv Sonora
cby Baja California
cbz Pacific Coast
cc Central America
cca Guatamala
ccb Tikal
cce British Honduras
ccf Belize
cch Honduras
ccl Salvador
ccp Nicaragua
cct Costa Rica
ccu Cocos Island
cd West Indies, Caribbean region
cda Hispaniola
cdc Cayman Islands

ce Cuba
ceh Havana
cf Haiti and Dominican Republic
cg Puerto Rico
cgd Virgin Islands
ch Jamaica
chn Lesser Antilles, Barbados
chr Bahama islands and New Providence (added 4/2012)
ci Panama
cia Panama Canal zone
cic Gatun Lake, Barro Colorado Island
cj South America
cja North and North East Coasts
cjb Netherlands Antilles
cjd Trinidad and Tobago
ck Colombia
cka Caribbean Coast of Colombia
ckm Magdalena
cl Venezuela, Margarita Island
clj Orinoco
cm Guyana (British Guiana)
cn Surinam (Dutch Guiana)
co French Guiana
cp Brazil
cpa Amazon region
cpd Para
cpe South eastern Brazil
cpk Parana

cpr Rio de Janeiro
cps Sao Paulo
cpu Rio Grande do Sul
cpw West Brazil
cq Bolivia
cqc Chaco
cr Paraguay
cs Uruguay
csm Montevideo
csw Central South America, Gran Chaco
ct Argentina
cth Buenos Aires
ctj Rio de la Plata
ctn Nahuel Huapi Lake
ctv Patagonia
cu Southern South America
cuc Tierra del Fuego, Cape Horn
cv Chile
cvd Isla de la Mocha
cvk Atacana desert
cw Peru
cy Ecuador
cza Andes Mountains
d Europe
dn Northern Europe
dw Western Europe
e Great Britain, British Isles, England
ec Southern England

ect Thames
ed London
ede Epping
edn Hampstead
ee Southeastern England
eed Middlesex
eef Surrey
eek Kent
eem Maidstone
eet Southeast coast
eeu Maplin Sands
eev Essex
ef Eastern England
eff Suffolk
efg Norfolk
efh Norwich
efj Yarmouth
efk Humber
efl Lincolnshire
efm Fens
efn Isle of Ely
efo The Wash
efq Cambridgeshire
efr Huntingdonshire
eft Bedfordshire
efu Whipsnade
efv Hertfordshire
efy Buckinghamshire

eg South Midland Counties
egd Oxfordshire
ege Oxford
egk Berkshire
egw Wiltshire
ehb Sussex
ehd Brighton
ehk Jersey
ehl Guernsey
ehm Isle of Wight
ehn Hampshire
ehp New Forest
eht Dorset
ei Southwestern England
eid Devonshire
eie Paignton
eif Plymouth
eig Ilfracombe
eih Cornwall
eik Isles of Scilly
eim Somerset
eio Exmoor
eir Gloucestershire
eis Bristol
eiv Monmouthshire
ej Wales
ejg Glamorgan
ejh Cardiff

eji Gower Peninsula
ejk Carmarthenshire
ejp Pembrokeshire
ejs Skokholm
eju Skomer
ejv Cardiganshire, Ceredigion
ek North Wales
ekb Merioneth
ekc Caernarvonshire
ekg Anglesey
ekj Denbighshire
ekl Flintshire
ekm Montgomeryshire
ekr Radnorshire
ekt Breconshire (Brecknockshire)
el River Wye
elh Herefordshire
elm Worcestershire
eln Malvern
elo Wyre Forest
elp Shropshire
elr Cheshire
els Chester
em Midlands
emd Staffordshire
emk Warwickshire
emn Northamptonshire
emp Rutland

emr Leicestershire
emt Nottinghamshire
emv Derbyshire
en Northern England
ep Yorkshire
epa York
epf Sheffield
epl Leeds
eps Scarborough
eq Northwestern England
eqa Lake District
eqd Lancashire
eqe Manchester
eql Liverpool
eqn Morecambe Bay
eqp Westmoreland
eqt Cumberland
eqv Isle of Man
er Northeastern England
erb Teesdale
erd Durham (County)
erf Farne Islands
ern Northumberland
erp Newcastle
erv Scottish Border
esw Tweed
es Scotland
esa Southeast Scotland

esd Berwickshire
esn Dumfriesshire
est Wigtownshire
esv Ayrshire
et Forth, Central Lowlands
eta Argyll
etb Bute
etc Arran, Jura
etd Dumbartonshire, Loch Lomond
ete Renfrew
etf Clyde
etg Glasgow
eth Lothian
eti Midlothian
etj Firth of Forth
etk Edinburgh
etn Stirling
etr Fife
ets Bell Rock, Firth of Tay, Isle of May
ett Perthshire
etw Kincardine
etx Aberdeen
ety Banff, Spey River
eu Highlands, Northern Scotland
eua Central Highlands, Grampians
eub Aberdeenshire, Cairngorms
euc Dee River
eud Ross and Cromarty

eue Moray
eug Invernesshire, Loch Ness
euh Hebrides
eui St Kilda
euk Rhum
eul Lewis
eum Sutherland
eun Rona
euo Orkneys
eup Fair Isle
eus Shetland Islands
ev Ireland
evh Dublin
eww Wexford
ew Southern Ireland
ewb Munster
ewg Cork
ewj Cape Clear Island
ewk Kerry
ewr Clare County
ez Ulster
ezg Donegal
ezt Belfast
ezz Rockall
f France
fa Northern France
fay Northwest France
fb Brittany

fc	Normandy
fct	Artois
fcv	Pas de Calais
fcx	French Flanders
fd	Picardy
ff	Alsace-Lorraine
ffa	Lorraine
ffb	Moselle
ffk	Alsace
fga	Vosges
fgb	Marne
fgc	Champagne
fgd	Ardennes
fhi	Seine, Oise
fi	Paris
fj	Central France
fjf	Allier
fjk	Indre
fk	Western France
fkd	Santhe
fkf	Deux Sevres
flf	Haute Vienne
flk	Auvergne
fln	Loire
flp	Lyon
fmb	Burgundy (Bourgogne)
fmc	Saone et Loire
fmd	Yonne, Arn

fmn Haute-Saone, Doubs
fnm Massif Centrale
fn Jura
fnc Savoie (Savoy)
fod Dauphine, Drome
fp Alpes Maritimes
fpc Provence
fr French Riviera
frn Monaco
frn Nice
fs Southern France
fsc Camargue
fse Rhone
ft Marseilles
fu Aude Gard
fv Aquitaine
fva Guienne
fvg Tarn et Garonne
fvn Perigord
fy Pyrenees
fyb Roussillon
fyn Basse-Pyrenees
fz Corsica
g Spain, Iberian Peninsula
ga Northern Spain
gaf North Western Spain
gag Galicia
gam Zamoura

gan	Asturias
gb	Basque Provinces
gc	Andorra
gca	Pyrenees region
gd	North Eastern Spain
gdg	Aragon
gdn	Navarra
gdp	Catalonia
gdt	Barcelona
ge	Eastern Spain
gef	Valencia
gf	Balearic Islands
gg	Southern Spain, Andalucia
ggb	Guadalajara
ggj	Jerez
ggw	Gibraltar
ghb	Murcia
ghc	Alicante
gi	Central Spain
gk	Madrid
gm	Western Spain
gp	Portugal
gu	Lisbon
gz	Azores
h	Mediterranean Region, Southern Europe
hm	Malta
hmf	Filfla
hp	Eastern Mediterranean

i	Italy
ic	Tyrrhenian coast and islands
id	Rome
idt	Tiber
ie	Lipari Islands
if	Naples
ig	Sardinia
ih	Sicili Egadi islands
ii	Southern Italy
ij	Calabria
il	Apulia, Puglia
im	Abruzzi e Molise
in	Marche
io	Adriatic coasts and islands (west)
ip	Umbria, Perugia
iq	Toscana, Tuscany
ir	Florence
is	Emilia-Romagna
isb	Bologna
it	Liguria
itg	Genoa
iu	Lombardy
ium	Milan
iv	Venezia
iva	Vicenza
ivb	Verona
ivt	Trieste
iw	Veneto

iwa Venice
iy Northern Italy
iya Italian Alps (See also: ja – Alps)
iz Northwest Italy, Piedmont
izt Turin
j Central Europe
ja Alps (See also: iya – Italian Alps)
jb Switzerland
jcg Swiss National Park
jct Ticino
jda Valais
je Bern
jg Geneva
jgl Lake Geneva
jgs Lake Constance (Bodensee)
jh Vaud
jlb Basel
jm Zurich
jng St Gallen
jnl Liechtenstein
jp Belgium
jpc Ostend
jq Anvers (Antwerp)
jr Brussels
jrk Wallonia
js Western Belgium
jsc Louvain
jsy Luxembourg

jt	Netherlands, Holland
jvl	Leyden
jw	Amsterdam
jy	Rotterdam
jzf	Friesland
jzg	Groningen
jzh	Drenthe
jzv	Limberg
jzz	Waddensee
k	Germany
ka	Prussia, North German Plain
kb	Berlin
kc	Central Germany
kcb	Brandenburg
kd	Southern Central Germany
kdh	Halle
ke	Dresden
kf	Leipzig
kg	Thuringen
kh	Southern Germany
ki	Bavaria
kj	Munich
kk	Augsburg
kl	Wurtemberg, Neckar
klm	Stuttgart
kln	Baden
klp	Heidelberg
km	Western Germany, Federal Republic of Germany

kmb Rhein, Rheinland
kmc Saarland
kmd Pfalz, Palatinate
kmf Frankfurt am Main
kmg Darmstadt
kmh Hessen – Nassau-Hessen
kmp Westphalia
kmq Teutoburger Wald
kmt Duisburg, Essen
kmu Wuppertal
kmy Cologne
kn Northwestern Germany
kna German coastline (Baltic and North Sea)
knb Hanover
knh Elbe Estuary Hamburg
knk Frisian Islands
knl Helgoland
knm Mellum
kns Schleswig-Holstein
ko Northern Germany
kob Baltic coasts, Germany
kom Mecklenburg
kop Pomerania
kp Northeastern Germany
kr Eastern Germany (Deutsche Demokratische Republik)
krs Silesia
krv Breslau
ks Czechoslovakia

ksx	Czech Republic
kt	Bohemia
ktl	Liberec
ku	Prague
kuy	Slovak Republic
kvb	Brno
kvs	Bratislava
kw	Austria
kwf	Austrian Tyrol
kwg	Innsbruck
kwk	Corinthia
kwl	Salzburg
kwr	Linz region
kww	Bursenland, Neusiedlersee
ky	Vienna
kz	Slovakia
l	Austria + Hungary
lb	Danube
ld	Hungary
le	Budapest
lf	Yugoslavia
lgf	Slovenia
lh	Croatia
lj	Dalmatia, Adriatic coasts and islands
lk	Bosnia (& Bosnia Herzegovina)
ll	Herzegovina
lm	Montenegro
ln	Serbia, federal republic

Inm Macedonia, federal republic
Ino Lake Ohrid
Io Albania
Ip Greece
Ipd Macedonia
Ipm Pelopponesus (Morea)
Ipn Aegean Islands, Grecian Archipelago
Ipo Cyclades
Ipq Crete
Iq Balkan Countries
Ir Bulgaria
Iu Eastern Central Europe
Iv Romania
Ivc Carpathians
Ivd Transylvania, Siebenburgen
Ivg Bucovina
Ivl Lower Danube
Ivm Moldavia, Dniestr River
Ivr Rodna Mountains
Iy Poland
Iyg Galicia
Iyh Vistula River
Iyk Cracow
Iyq Poznan
Iyw Bialowicz Forest
Iz Warsaw
m Baltic and Scandinavian Countries
ma Baltic Sea, coasts and islands

mb Denmark
mc Jutland
mcl Limfjorden
me Copenhagen – Zealand
mf Faroe Islands
mg Iceland
mh Scandinavia, Norway and Sweden
mi Norway
mk Northern Norway
ml Spitsbergen
mmb Bergen
mn Oslo (Curisthaven), Trondheim
mo Sweden
mp S Sweden
mpg Gotland
mps Scania = Melmohus & Kristianstad
mpv Malmo
mr Stockholm
mrk Kolmarden
mt Lapland
mu Finland
muh Helsinki
mv East Baltic States
mw Estonia
my Latvia
mz Lithuania
mzw Vilna
n Eastern Europe, Russia

nb Moscow
nc Southern Russia
nd Ukraine
ndk Kharkov
ndr Kiev
ne Don River
nf Sea of Azov, Askania Nova
ng Crimea
nh Dnieper River
ni Western River
nj White Russia Byolorussiya, Belorussia, Belarus (added 11/11)
nl Leningrad
nm Karelia, Russian Lapland
no White Sea coasts and islands
nn Northern Russia
np Archangel – Petchora
nq Novaya Zemlya
ns Soviet Asia
nu Ural Mountains
nv Volga River
nvs Simbirsk
nyc Caucasus
nyg Georgia
nyt Tiflis
nyz Azerbaidjan
o Asia
ob Siberia
obt Taimuyr Peninsula

oc Central and Eastern Siberia
oca Chukotski Peninsula
ocg Sakhalin
ock Kamchakta
ocn Ussuri region
oct Yakut
ocy Yenesei River valley
od Lake Baikal, Russian Central Asia
odc Amur River basin
odt Turkestan
oe Black Sea coasts
oek Kirghiz Steppes
oem Kazakhstan, Lake Issyk-kul
oes Aral Sea
oet Turkmenistan
oEU Uzbekistan
oew Tadzhikistan
of Near East, Middle East
oha Anatolia
oi Armenia, Armyanskaya
oj Turkey
ok Ankara, Bosphorus
om Dodecanese Islands, Rhodes
on Cyprus
oo Syria
ooa Aleppo
ool Lebanon
op Israel, Palestine

opc Sea of Galilee
opj Jerusalem
opt Tel Aviv
oq Jordan
oqm Sinai Peninsula
or Arabia
ora Saudi Arabia
org Red Sea Coasts
ort Yemen
os Southern Arabia
oto Oman
ou Gulf States
oua Persian Gulf Coast
oub Bahrein
ouc Qatar
ouk Kuwait
ov Iraq
ow Tigris – Euphrates valley
oy Baghdad
p Central Asia
pa Persia, Iran
pdk Karan River
pk Caspian Sea coasts
pn Northern Persia
po Elburz mountains
pr Afghanistan
pup Pamira
pyx South Asia

pz Indian subcontinent
q India
qa Pakistan
qb Baluchistan
qbs Sind
qc Thar Desert
qd Northern India
qdg Gilgit
qdk Kashmir region
qdl Indian Kashmir
qdm Pakistani Kashmir
qdr Lahore
qe Western India
qer Rajputana
qg Kutch, West Coast of India
qga Gujarat
qgb Baroda
qgd Gir Lion Sanctuary
qh Bombay, Western Ghats
qi Southern India
qim Mysore
qit Nilgiri Hills
qj Southwestern coast of India, Malabar coast
qjk Kerala
qjl Laccadive Islands
qjm Maldiv Islands
qjp Goa
qk Ceylon, Sri Lanka

qkc Colombo
ql Madras (Province), Tamil Nadu State
qlc Vizagapatam
qlm Gulf of Mannar
qm Madras (City)
qn Utter Pradesh (Deccan Plateau)
qo Central India
qom Madyua Pradesh
qop Central provinces
qp United provinces, Delhi
qq Himalayan Mountains
qr Northeast India
qrk Sikkim
qrn Nepal
qs Eastern India, Ganges River
qsb Bihar
qst Bengal
qsu Calcutta
qt Bangladesh
qu Assam
qub Brahmaputra River
quo Chittagong
qv Burma
qy Nicobar Islands
qz Andaman Islands
r Eastern Asia, Far East
rb Chinese lands, East Central Asia
rc China

rd	Southern China
re	Hong Kong
rf	Kevangtung, Guangdong
rfh	Hainan
rfk	Kwangsi Guangxi
ri	Tangtse Kiang
rj	Central China
rjc	Chusan
rk	Shanghai
rn	North China
roh	Hopei
rp	Choukoutien
rqm	Kansu, Gansu
rr	Western China
rsn	Yunan
rt	Tibet
rtl	Lhasa
ru	Turkestan (Chinese) Sin-kiang
rv	Mongolia
rva	Altai Mountains
rvd	Tien Shan mountains
rvg	Gobi desert
rw	Manchuria
rwj	Jehol
s	Japan
sc	Tokyo
sd	Yokohama
sdn	Nagoya

sds	Sagami Bay
se	Kyoto
sem	Mie
sf	Osaka
sh	Kobe
sm	Chisima, Tisima, Kurile Islands
sp	Korea
sq	North Korea
st	South Korea
sw	Kiu Kiu Islands
swm	Bonin Islands
sy	Formosa, Taiwan
t	Pacific area
ta	Southeast Asia
tb	Indo-China generally (Vietnam, Cambodia, Laos)
tc	Vietnam
td	South Vietnam
te	Laos
tf	Cochin China
tg	Cambodia, (Khmer Republic)
th	Thailand, Siam
ti	Malay Peninsula
tia	Malaysia
tik	Perak
tis	Singapore
tj	Indo-Australian peninsula
tk	Indonesia
tl	Sumatra

tlb	Bangka Island
tln	Mentawi Islands
tlm	Nias Island
tlu	Krakatoa
tm	Java and coast islands
tml	Lombok
tn	Celebes
tnt	Timor
to	Moluccas
tp	Borneo
tpa	North Borneo
tpd	Brunei
tpg	Sarawak
tpp	South East Borneo
tq	New Guinea
tqa	West New Guinea (Dutch New Guinea)
tdq	Geelvink Bay
tr	East New Guinea
tra	New Guinea Territory, Northern East New Guinea (German New Guinea)
trm	New Britain
trp	Papua, Southern East New Guinea (British New Guinea)
trw	Woodlark Island
ts	Melanesia, New Caledonia
tss	Solomon Islands
tt	Fiji Islands
tv	Philippine Islands
tvS	Sulu Islands
u	Australasia

ua Australia
ub Southeast Australia
uc Victoria
ud Melbourne, Bass Strait
ue Tasmania
uf New South Wales
ufh Lord Howe Island
ug Australian Capital Territory
ugc Canberra
uh Sydney
ui Eastern Australia
uj Queensland (Great Barrier Reef)
uk Brisbane, Stradbroke Island
ul Central Australia
um South Australia
umk Kangaroo Island
uo North Australia
up Northern Territory
upa Arnhem Land
upc Gulf of Carpentaria
uq Western Australia
us South Western Australia
ut Western coast
uv New Zealand
uw North Island
uwl Wellington
uy Auckland
uz South Island, Whero Island

uzc	Canterbury
uzo	Otago
uzs	Subantarctic Islands
v	Africa
va	Egypt
vab	Nile
vad	Suez Canal
vas	Sudan (Anglo-Egyptian Sudan)
vb	North Africa
vbs	Sahara Desert
vc	Libya
vca	Tripoli
vd	Algeria
vdn	Tunisia
ve	Morocco
vea	Atlas Mountains
vem	Madeira Islands
vet	Tangier
vf	West Africa
vfc	Canary Islands
vfg	Niger
vfk	Mali
vfo	Mauretania
vfs	Senegal
vft	Senegambia
vfw	Gambia
vg	Guinea Coast
vga	Guinea

vgb Sierra Leone
vgd Dahomey
vgf Togo
vgg Ghana
vgh Upper Volta
vgi Ivory Coast
vgl Liberia
vgp Cape Verde Islands
vgs Spanish Guinea
vh Nigeria, Niger River region
vi North Tropical Africa
vif Chad
vj Equatorial and Central Africa
vk Cameroon
vkq Central African Republic
vlb Gabon
vls Congo
vm Congo Republic (Belgian Congo) Zaire
vma Congo River
vmd Lake Kivu, Kivu Province
vme Parc national des Virunga
vmk Katanga
vms Parc national Albert
vmt Parc national Upembu
vmu Parc national de la Kagera
vn Angola, Portugese West Africa
vo Southern Africa
vob Botswana, Bechuanaland

voe Kalahari Desert
voz Zambesi River, Lake Kariba
vp Namibia (Southwest Africa)
vpn Namib Desert
vq South Africa
vqc Cape Province
vql Lesotho
vqn Natal, Zululand
vqo Orange Free State
vqt Transvaal
vqu Pretoria
vqr Johannesburg
vqx Kruger National Park
vr South Central Africa
vrn Nyasaland, Malawi
vrq Zambia, Northern Rhodesia
vrs Zimbabwe (Rhodesia)
vs East Africa, Southeast Africa
vt Mozambique, Portugese East Africa
vu Kenya, Uganda, Tanzania (British East Africa)
vua Tanzania, Tanganyika
vub Serengeti National Park
vuc Ngorongoro
vue Lake Tanganyika
vuf Lake Victoria
vug Uganda
vuk Kenya
vul Lake Rudolf

vum Tsaro National Park
vuo Rwanda
vup Barundi
vur Zanzibar
vus Somalia
vuz Sokotra
vv Italian East Africa
vve Ethiopia, Eritrea
vwc Comoro Island
vy Madagascar, Malagasey
vz Indian Ocean and islands, Mauritius, Mascarene Islands
vza Aldabra
vzc Christmas Island
vze Europa (Island)
vzk Kerguelen Islands
vzl Mascarene Islands
vzn Mauritius
vzr La Reunion
vzs Seychelles
w Pacific area
wc Micronesia, West Central Pacific
wd Polynesia, Funafuti, Cook Islands
wde Easter Island
wf Samoa
wh Tahiti, Society Islands
wj Galapagos Islands
wm Hawaiian Islands
wp South Pacific Islands

wpn Norfolk Island

wr Antarctic lands and islands

wrd Adelie Land

wrk Antarctic islands

wrm Macquarie Islands

wrs South Georgia Island

wt South Atlantic islands

wta Ascension Island

wtf Falkland Islands

wth St Helena

wtt Tristan da Cuna

wy Arctic lands and islands
(Include here accounts of arctic exploration, rather and at xa)

SCHEDULE FOR SEAS AND OCEANS

x	Oceans
xa	ARCTIC OCEAN
xac	Greenland Sea
xae	Barents Sea
xag	White Sea
xai	Kara Sea
xak	Laptev Sea
xam	East Siberian Sea
xao	Beaufort Sea
xc	ATLANTIC
xd	North Atlantic
xdb	Baffin Bay
xdd	Davis Strait
xdf	Hudson Bay
xdh	Hudson Strait
xdj	Denmark Strait
xdk	Gulf of St Lawrence
xe	Western Atlantic
xef	Gulf of Mexico
xeg	Caribbean Sea
xem	Sargasso Sea
xf	Eastern Atlantic
xfa	Norwegian Sea
xfb	Baltic Sea
xfd	Gulf of Both nia
xff	Gulf of Finland
xfj	Kiel Bay

xfm North Sea
xfn Skagerrak
xfp English Channel
xfw Bay of Biscay, Gulf of Gascony
xg South Atlantic
xgm Gulf of Guinea (added 4/2012)
xh Mediterranean
xhd Adriatic Sea
xhl Eastern Mediterranean
xk BLACK SEA
xl CASPIAN SEA
xlm ARAL SEA
xm INDIAN OCEAN
xn Southern Indian Ocean
xnb Mozambique Channel
xnd Azanian Sea
xo NORTHERN INDIAN OCEAN
xob Red Sea
xod Arabian Sea
xof Sea of Oman
xoh Persian Gulf
xoj Bay of Bengal
xol Andaman Sea
xon Malacca Strait
xp PACIFIC OCEAN
xq NORTH PACIFIC
xr Bering Strait
xrm Sea of Okhotsk

xs	Sea of Japan
xsa	Seto, Inland Sea of Japan
xsb	Yellow Sea
xsd	East China Sea
xsf	South China Sea
xsh	Gulf of Siam
xt	Micronesian Waters
xtn	Marianas Trench
xu	Indonesian Waters
xua	Java Sea
xub	Celebes Sea
xud	Macassar Strait
xuf	Banda Sea
xuh	Flores Sea
xuj	Timor Sea
xul	Arafura Sea
xun	Torres Strait
xuo	Coral Sea
xv	Melanesian Waters
xvs	Gulf of California
xw	Hawaiian Waters
xx	Polynesian Waters
xy	South Pacific
xyd	South West Pacific
xyh	Chatham Rise
xyl	Bass Strait
xym	Tasman Sea
xyr	South Eastern Pacific

xz Antarctic Seas
xzb Bellinghausen Sea
xxd Scotia Sea
xxf Weddell Sea
xxh Ross Sea
xxm Davis Sea