

The Taxonomicon
Lankester, 1877

Classification of
Phylum *Vertebrata*
(vertebrates)
down to Genus

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Universal Taxonomic Services

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Lankester, 1877
- Phylum *Vertebrata* -

[Kingdom *Animalia* - vertebrates]

Phylum *Vertebrata*

A Branch *Urochorda*

I Class *Larvalia*

1 Genus *Appendicularia*

2 Genus *Kowalewskyia*

II Class *Saccata*

1 Order *Ascidia*

1 Genus *Ascidia*

2 Genus *Clavellina*

3 Genus *Botryllus*

2 Order *Lucia*

1 Genus *Pyrosoma*

3 Order *Thaliacea*

1 Genus *Salpa*

2 Genus *Doliolum*

B Branch *Cephalochorda*

1 Class *Leptocardia*

1 Genus *Amphioxus*

C Branch *Cranialia*

A Grade *Cyclostoma*

I Class *Hyperotreta*

1 Genus *Myxine*

2 Genus *Bdellostoma*

II Class *Hyperoartia*

1 Genus *Petromyzon*

B Grade *Gnathostoma*

A Subgrade *Heterodactyla branchiata*

I Class *Pisces*

I Subclass *Selachii*

1 Order *Squali*

1 Genus *Heptanchus*

2 Genus *Squatina*

2 Order *Raii*

1 Genus *Raia*

2 Genus *Torpedo*

II Subclass *Holocephali*

1 Genus *Chimæra*

2 Genus *Callorhynchus*

III Subclass *Ganoidei*

01 Order *Sturiones*

1 Genus *Acipenser*

2 Genus *Polyodon*

02 Order *Polypterini*

1 Genus *Polypterus*

2 Genus *Calamoichthys*

03 Order *Lepidosteini*

1 Genus *Lepidosteus*

2 Genus *Palæoniscus*

04 Order *Amiadini*

1 Genus *Amia*

05 Order †*Cephalaspidae*

1 Genus †*Cephalaspis*

2 Genus †*Pteraspis*

06 Order †*Placodermi*

1 Genus †*Pteriethys*

2 Genus †*Coccosteus*

07 Order †*Acanthodini*

1 Genus †*Acanthodes*

2 Genus †*Diplacanthus*

08 Order †*Pycnodontidae*

1 Genus †*Pycnodon*

2 Genus †*Ptatisomus*

09 Order †*Cælacanthini*

1 Genus †*Coelacanthus*

10 Order †*Dipterini*

1 Genus †*Holoptychius*

2 Genus †*Osteolepis*

IV Subclass *Teleostei*

A Branch *Physostomi*

1 Order *Abdominales*

1 Genus *Clupea*

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- Phylum *Vertebrata* -

- 2 Genus *Cyclodus*
- 5 Order *Fissilinguia*
 - 1 Genus *Lacerta*
 - 2 Genus *Monitor*
- B Branch *Ophidia*
 - 1 Order *Opoderodonta*
 - 1 Genus *Stenostoma*
 - 2 Genus *Typhlops*
 - 2 Order *Colubriiformia*
 - 1 Genus *Python*
 - 2 Genus *Coluber*
 - 3 Order *Proteroglypha*
 - 1 Genus *Naja*
 - 2 Genus *Hydrophis*
 - 4 Order *Solenoglypha*
 - 1 Genus *Vipera*
 - 2 Genus *Crotalus*
- III Subclass *Pterosauria*
 - 1 Order *Rhamphorhynchia*
 - 1 Genus *Rhamphorhynchus*
 - 2 Order *Pterodactyla*
 - 1 Genus *Pterodactylus*
- IV Subclass *Dicynodonta*
 - 1 Genus *Dicynodon*
 - 2 Genus *Rhynchosaurus*
- V Subclass *Ornithoscelida*
 - 1 Genus *Megalosaurus*
 - 2 Genus *Iguanodon*
 - 3 Genus *Compsognathus*
- VI Subclass *Crocodylia*
 - 1 Order *Teleosauria*
 - 1 Genus *Teleosaurus*
 - 2 Order *Steneosauria*
 - 1 Genus *Steneosaurus*
 - 3 Order *Alligatores*
 - 1 Genus *Crocodylus*
 - 2 Genus *Gavialis*
 - 3 Genus *Alligator*
- II Class *Aves*
 - 1 Order *Saururæ*
 - 1 Genus *Archæopteryx*
 - 2 Order *Ratitæ*
 - 1 Genus *Struthio*
 - 2 Genus *Apteryx*
 - 3 Order *Carinatae*
 - 1 Genus *Anser*
 - 2 Genus *Pittacus*
- B Branch *Amphicondyla*
 - I Class *Mammalia*
 - A Grade *Cloacalia*
 - 1 Order *Platypoda*
 - 1 Genus *Ornithorhynchus*
 - 2 Order *Echidnida*
 - 1 Genus *Echidna*
 - B Grade *Marsupialia*
 - 1 Order *Barypoda*
 - 1 Genus *Nototherium*
 - 2 Order *Macropoda*
 - 1 Genus *Macropus*
 - 2 Genus *Hypsiprymnus*
 - 3 Order *Rhizophaga*
 - 1 Genus *Phascolumys*
 - 4 Order *Carpophaga*
 - 1 Genus *Phascolarctus*
 - 2 Genus *Phalangista*
 - 5 Order *Cantharophaga*
 - 1 Genus *Perameles*
 - 2 Genus *Myrmecobius*
 - 6 Order *Edentula*
 - 1 Genus *Tarsipes*
 - 7 Order *Creophaga*
 - 1 Genus *Dasyurus*

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- Phylum *Vertebrata* -

- 2 Genus *Thylacinus*
- 8 Order *Pedimana*
 - 1 Genus *Didelphys*
 - 2 Genus *Chironectes*
- C Grade *Placentalia*
 - I Subclass *Edentata*
 - 1 Order *Bradyroda*
 - 1 Genus *Megatherium*
 - 2 Genus *Choloepus*
 - 2 Order *Effodientia*
 - 1 Genus *Myrmecophaga*
 - 2 Genus *Manis*
 - 3 Genus *Orycteropus*
 - 4 Genus *Dasypus*
 - II Subclass *Ungulata*
 - 1 Order *Perissodactyla*
 - 1 Genus *Equus*
 - 2 Genus *Tapirus*
 - 2 Order *Artiodactyla*
 - 1 Genus *Sus*
 - 2 Genus *Bos*
 - 3 Order *Sirenia*
 - 1 Genus *Halicore*
 - III Subclass *Proboscidea*
 - Order *Proboscidea*
 - 1 Genus *Elephas*
 - 2 Genus *Dinotherium*
 - IV Subclass *Chelophora*
 - Order *Hyracoidea*
 - 1 Genus *Hyrax*
 - V Subclass *Carnaria*
 - 1 Order *Carnivora*
 - 1 Genus *Canis*
 - 2 Genus *Ursus*
 - 3 Genus *Felis*
 - 2 Order *Pinnipedia*
 - 1 Genus *Phoca*
 - 2 Genus *Trichecus*
 - 3 Order *Cetacea*
 - 1 Genus *Baloena*
 - 2 Genus *Squalodon*
 - VI Subclass *Discoplacentalia*
 - 1 Order *Prosimia*
 - 1 Genus *Cheiomys*
 - 2 Genus *Lemur*
 - 2 Order *Rodentia*
 - 1 Genus *Lepus*
 - 2 Genus *Sciurus*
 - 3 Order *Insectivora*
 - 1 Genus *Erinaceus*
 - 2 Genus *Talpa*
 - 4 Order *Cheiroptera*
 - 1 Genus *Pteropus*
 - 2 Genus *Vampyrus*
 - 5 Order *Simia*
 - 1 Genus *Hapale*
 - 2 Genus *Mycetes*
 - 3 Genus *Macacus*
 - 4 Genus *Homo*

Source: Lankester, E.R. 1877. Notes on the Embryology and Classification of the Animal Kingdom. *Quart. J. Microsc. Sci.* (N.S.) **17**: 399-454.