

Phylum Chordata

Subphylum Urochordata

Subphylum Cephalochordata

Subphylum Vertebrata (Craniata)

Superclass Agnatha

Class Myxini (Monorhina)

Class Pteraspidomorphi (Diplorhina)

Order Heterostraci

Class Cephalospidomorphi (Monorhina)

Order Petromyzontiformes

Order Osteostraci

Order Anaspida

Superclass Gnathostoma

Class Acanthodii

Class Placodermi

Class Chondrichthyes

Subclass Elasmobranchii

Order Carchiniformes

Order Lamniformes

Order Squaliformes

Order Rajiformes

Subclass Holocephali

Class Sarcopterygii

Superorder Crossopterygii

Superorder Dipnoi

Class Actinopterygii

Subclass Chondrostei

Order Polypteriformes

Order Acipenseriformes

Subclass Neopterygii

Order Semionotiformes

Division Teleostei

Order Anguilliformes

Order Clupeiformes

Order Cypriniformes

Order Siluriformes

Order Esociformes

Order Salmoniformes

Order Gadiformes

Order Cyprinodontiformes

Order Gasterosteiformes

Order Perciformes

Order Pleuronectiformes

Class Amphibia

Subclass Labyrinthodontia

Order Ichthyostegalia

Order Temnospondyli

Order Anthracosauria

Subclass Lepospondyli

Subclass Lissamphibia

Order Anura (Salientia)

- Family Bufonidae
- Family Hylidae
- Family Ranidae
- Family Pelodytidae
- Order Urodela (Caudata)
 - Family Ambystomidae
 - Family Dicamptodontidae
 - Family Proteidae
 - Family Salamandridae
- Order Apoda (Gymnophonia)
 - Family Caecilidae
- Class Reptilia
 - Subclass Anapsida
 - Order Cotylosauria
 - Order Chelonia
 - Subclass Diaspida
 - Superorder Lepidosauria
 - Order Rhychocephalia (*Sphenodon*)
 - Order Squamata (Lizards and snakes)
 - Superorder Sauropterygia (Pleiosaurs)
 - Superorder Ichthyosauria (Ichthyosaurs)
 - Superorder Archosauria
 - Order Pterosauria
 - Order Crocodilia
 - Order Saurichia (stem group to Aves; Lizard-hipped dinosauria)
 - Order Ornithiscia (Bird-hipped dinosaurian)
 - Subclass Synapsida
 - Order Pelycosauria
 - Order Therapsida
- Class Aves
 - Subclass Archaeornithes
 - Subclass Neornithes
- Class Mammalia
 - Subclass Protheria
 - Subclass Theria
 - Infraclass Metatheria
 - Infraclass Eutheria