

Families of Recent Fishes (After Eschmeyer 1990)

Superclass Agnatha = Jawless fish

Class Myxini = Hagfishes

Order Myxiniformes = Hagfishes

family Myxinidae

Class Cephalaspidomorpha = Lampreys & Allies

Order Petromyzontiformes = Lampreys

family Petromyzontidae = Northern lampreys

family Geotriidae = Pouched lampreys

family Mordaciidae = Shorthead lampreys

Superclass Gnathostomata = Jawed Fish

Class Chondrichthyes

Subclass Elasmobranchii = Sharks & Rays

Order Hexanchiformes = Six and seven gill sharks

family Hexanchidae = six, sevengill (cow) sharks

family Chlamydoselachidae = Frill sharks

Order Heterodontiformes = Horn (bullhead) sharks

family Heterodontidae

Order Orectolobiformes = Carpet sharks and allies

family Rhincodontidae - Whale sharks

family Parascylliidae - Collared carpet sharks

family Brachyaeluridae - Blind sharks

family Orectolobidae - Wobbegones

family Hemiscyllidae - Longtail carpet sharks

family Stegostomatidae - Zebra sharks

family Ginglymostomatidae - Nurse sharks

Order Lamniformes = Mackerel sharks and allies

family Odontaspidae = Sand sharks

family Mitsukurinidae = Goblin shark

family Lamnidae = Mackerel sharks

family Megachasmidae = Megamouth sharks

family Cetorhinidae = Basking sharks

family Alopiidae = Thresher sharks

Order Carchariformes = Ground sharks

family Scyliorhinidae

family Proscylliidae

family Pseudotriakidae

family Leptochariidae

family Triakidae

family Hemigaleidae

family Carcharhinidae

family Sphyrnidae

Order Squaliformes = Dogfish sharks and allies

family Squalidae - n

family Echinorhinidae

family Oxynotidae

Order Pristiophoriformes = Saw sharks

family Pristiophoridae

Order Squatiniformes = Angel sharks

family Squatinidae

Order Pristiformes = Sawfishes  
family Pristidae

Order Torpediniformes = Electric rays  
family Torpedinidae - Electric rays  
family Narkidae - Narkids  
family Narcinidae - Narcinids  
family Hypnidae - Coffinrays

Order Rajiformes = Skates  
family Rajidae

Order Rhinobatiformes = Shovelnose rays  
family Rhinobatidae - Guitarfishes  
family Rhynchobatidae  
family Platyrrhinidae

Order Myliobatiformes = Stingrays and Allies  
family Dasyatidae - Stingrays  
family Gymnuridae - Butterfly rays  
family Myliobatidae - Eagle rays  
family Urolophidae - Round sting rays  
family Potamotrygonidae - River rays  
family Mobulidae - Mantas and devil rays  
family Hexatrygonidae - Sixgill rays  
family Rhinopteridae - Cownose rays

Subclass Holocephali

Order Chimaeriformes - Chimaeras

family Callorhynchidae - Plownose chimeras  
family Chimaeridae - Shortnose chimeras  
family Rhinochimaeridae - Longnose chimeras

Subclass Sarcopterygii

- Order Coelacanthiformes - Coelacanth
  - family Latimeriidae
- Order Ceratodontiformes - Australian lungfish
  - family Ceratodontidae
- Order Lepidosireniformes
  - family Lepidosirenidae
    - subfamily Lepidosireninae - S. American
    - subfamily Protopterinae - African lungfish

Class Actinopterygii

- Order Acipenseriformes - Sturgeons & Paddlefish
  - 4 genera, 25 species
  - family Acipenseridae
  - family Polyodontidae
  
- Order Polypteriformes - Bichirs and Reedfish
  - 2 genera 10 species
  - family Polypteridae
  
- Order Lepisosteiformes - Gars (1 family, 2 genera, 7 sp)
  - family Lepisosteidae
  
- Order Amiiiformes - Bowfin, 1 genus 1 species
  - family Amiidae
  
- Order Hiodontiformes
  - family Hiodontidae
  
- Order Osteoglossiformes - Bonytongues

suborder Osteoglossoidei

- family Osteoglossidae - Bonytongues
  - family Pantodontidae - Freshwater butterfly fish
- suborder Notopteroidei
- family Notopteridae - Featherbacks
- suborder Mormyroidei
- family Mormyridae - Elephant fishes
  - family Gymnarchidae - Aba

Order Elopiformes - Tarpons and allies

- family Elopidae - Tenpounders
- family Megalopidae - Tarpons

Order Albuliformes - Bonefish and allies

- family Albulidae

Order Notacanthiformes - Spiny eels

- family Halosauridae - Halosaurs
- family Notacanthidae - Spiny eels
- family Lipogenyidae ??

Order Anguilliformes - Eels

suborder Anguilloidei

- family Anguillidae
- family Heterenchelyidae
- family Moringuidae

suborder Muraenoidei

- family Chlopsidae
- family Myrocongridae
- family Muraenidae

suborder Congroidei

- family Synphobranchidae
- family Ophichthidae
- family Colocongridae
- family Congridae
- family Muraenesocidae
- family Derichthyidae
- family Nemichthyidae
- family Serrivomeridae
- family Nettastomatidae
- family Cyematidae
- family Saccopharyngidae
- family Eurypharyngidae
- family Monognathidae

Order Clupeiformes - Sardines, Herrings, Anchovies etc.

- family Denticipitidae
- family Clupeidae
- family Engraulidae
- family Chirocentridae

Order Gonorynchiformes - Milkfish and beaked salmon

- family Chanidae
- family Gonorynchidae
- family Kneriidae
- family Phractolaemidae

Order Cypriniformes - Minnows and Carps

- family Cyprinidae
- family Psilorhynchidae

- family Cobitidae
- family Balitoridae
- family Gyриноcheilidae
- family Catostomidae

Order Characiformes - Characins and allies

- family Citharinidae
- family Distichodontidae
- family Alestiidae
- family Hepsetidae
- family Hemiodontidae
- family Curimatidae
- family Prochilodontidae
- family Anostomidae
- family Chilodontidae
- family Erythrinidae
- family Lebiasinidae
- family Gastropelecidae
- family Ctenoluciidae
- family Cynodontidae
- family Characidae

Order Siluriformes - Catfishes and knifefishes

- Suborder Siluroidei - catfish
- family Diplomystidae
- family Ictaluridae
- family Bagridae
- family Cranoglanididae
- family Siluridae
- family Schilbeidae

family Pangasiidae  
family Amblycipitidae  
family Amphiliidae  
family Akysidae  
family Parakysidae  
family Sisoridae  
family Clariidae  
family Heteropneustidae  
family Chacidae  
family Olyridae  
family Malapteruridae  
family Ariidae  
family Plotosidae  
family Mochokidae  
family Doradidae  
family Auchenipteridae  
family Pimelodidae  
family Ageneiosidae  
family Helogeneidae  
family Cetopsidae  
family Hypophthalmidae  
family Aspredinidae  
family Trichomycteridae  
family Callichthyidae  
family Loricariidae  
family Scoloplacidae  
family Astroblepidae

Suborder Gymnotoidei - Knifefish

family Gymnotidae

family Sternopygidae  
family Rhamphichthyidae  
family Hypopomidae  
family Apternotidae  
family Gymnotidae  
family Electrophoridae

Order Argentinoformes - Herring smelt, Barreleyes

family Argentinidae  
family Bathylaconidae  
family Opisthoproctidae  
family Alepocephalidae  
family Platytroctidae  
family Microstomatidae

Order Salmoniformes - Salmon, smelts etc

suborder Lepidogalaxioidei

family Lepidogalaxiidae

suborder Salmonoidei

family Osmeridae - smelts

family Salangidae - Ice fish

family Retropinnidae

family Galaxiidae

family Lepidogalaxiidae

family Salmonidae

subfamily Coregoninae

subfamily Thymallinae

subfamily Salmoninae

Order Esocoiformes - Pikes and Mudminnows  
family Esocidae  
family Umbridae

Order Stomiiformes - Dragonfishes, Lightfishes  
family Gonostomatidae  
family Sternoptychidae  
family Stomiidae  
family Phosichthyidae (Photichthyidae)

Order Aulopiformes - Lizardfishes and friends  
suborder Aulopoidei  
family Aulopidae  
family Chlorophthalmidae  
family Scopelarchidae  
family Notosudidae  
suborder Alepisauroidae  
family Synodontidae  
family Bathysauridae  
family Giganturidae  
family Paralepididae  
family Anotopteridae  
family Evermannellidae  
family Omosudidae  
family Alepisauridae  
family Pseudotriconotidae

Order Myctophiformes - Lanternfishes & allies  
family Neoscopelidae  
family Myctophidae

Order Lampridiformes - Oarfishes  
7 families

Order Polymixiiformes - Beardfishes  
family Polymixiidae

Order Percopsiformes - Troutperch  
family Percopsidae  
family Aphredoderidae  
family Amblyopsidae

Order Gadiformes - Cods, Hakes and allies  
family Muraenolepididae  
family Bregmacerotidae  
family Euclichthyidae  
family Macrouridae  
family Moridae  
family Melanonidae  
family Gadidae  
family Merlucciidae  
family Steindachneriidae

Order Ophidiiformes - Cuskeels, Pearlfishes and allies  
family Ophidiidae  
family Carapidae  
family Bythitidae  
family Aphyonidae

Order Batrachoidiformes - Toadfishes and Midshipmen

family Batrachoididae

Order Lophiiformes - Anglerfishes, Goosefishes & Frogfishes

family Lophiidae

family Antennariidae

family Tetrabrachiidae

family Lophichthyidae

family Brachionichthyidae

family Chaunacidae

family Ogcocephalidae

family Caulophrynidae

family Neoceratiidae

family Melanocetidae

family Himantolophidae

family Diceratiidae

family Oneirodidae

family Thaumaticthyidae

family Centrophrynidae

family Ceratiidae

family Gigantactinidae

family Linophrynidae

Order Gobiesociformes - Clingfishes and allies

family Gobiesocidae

family Gcallionymidae

family Draconettidae

Order Atheriniformes - Silversides and Rainbowfishes

family Atherinidae

family Notocheiridae

family Dentatherinidae

family Pseudomugilidae

family Telmatherinidae

family Melanotaeniidae

family Phallostethidae

Order Cyprinodontiformes - Killifishes and Allies

family Aplocheilidae

family Rivulidae

family Cyprinodontidae

family Valenciidae

family Profundulidae

family Fundulidae

family Goodeidae

family Poeciliidae

family Anablepidae

Order Beloniformes - Ricefishes, Flyingfishes, etc.

family Adrianichthyidae

family Scomberesocidae

family Belonidae

family Hemiramphidae

family Exocoetidae

Order Lampriformes

suborder Lamproidei

family Lampridae

suborder Veliferoidei

family Veliferidae

- suborder Trachipteroidei
  - family Lophotidae
  - family Radiicephalidae
  - family Trachipteridae
  - family Regalecidae
- suborder Stylephoroidei
  - family Stylephoridae
- suborder Ateleopodoidei
  - family Atelopodidae
- suborder Mirapinnatoidei
  - family Mirapinnidae
- suborder Megalomycteroidae
  - family Megalomycteridae

Order Beryciformes - Squirrelfishes and allies

- family Monocentridae
- family Trachichthyidae
- family Anomalopidae
- family Diretmidae
- family Anoplogastridae
- family Berycidae
- family Holocentridae

Order Stephanoberyciformes

- family Stephanoberycidae
- family Hispidoberycidae
- family Melamphidae
- family Gibberichthyidae
- family Rondeletiidae
- family Barbourisiidae

- family Cetomimidae
- family Mirapinnidae
- family Megalomycteridae

Order Zeiformes - Dories and allies

- family Parazenidae
- family Macrurocyttidae
- family Zeidae
- family Oreosomatidae
- family Grammicolepididae
- family Caproidae

Order Gasterosteiformes - Sticklebacks, Pipefishes, Allies

- family Hypoptychidae
- family Gasterosteidae
- family Indostomidae
- family Pegasidae
- family Aulostomidae
- family Fistulariidae
- family Centriscidae
- family Macrorhamphosidae
- family Solenostomidae
- family Syngnathidae

Order Synbranchiformes - Swampeels & Allies

- family Synbranchidae
- family Mastacembelidae
- family Chaudhuriidae

Order Scorpaeniformes - Scorpionfish, Sculpins etc Allies

suborder Scorpaenoidei

- family Scorpaenidae
- family Caracanthidae
- family Aplodactinidae
- family Pataecidae
- family Gnathanacanthidae
- family Congiopodidae
- family Triglidae
- family Dactylopteridae
- family Platycephalidae
- family Bembridae
- family Hoplichthyidae
- family Anoplopomatidae
- family Hexagrammidae
- family Zaniolepididae
- family Normanichthyidae
- family Ereuniidae
- family Cottidae
- family Comephoridae
- family Abyssocottidae
- family Hemitriptidae
- family Psychrolutidae
- family Agonidae
- family Cyclopteridae
- family Liparidae
- family Bathylutichthyidae

Order Perciformes

suborder Percoidei

- family Centropomidae

- family Ambassidae
- family Percichthyidae
- family Acropomatidae
- family Moronidae
- family Polyprionidae
- family Dinopercidae
- family Serranidae
- family Symphysanodontidae
- family Centrogeniidae
- family Pseudochromidae
- family Grammatidae
- family Callanthiidae
- family Plesiopidae
- family Acanthoclinidae
- family Glaucosomatidae
- family Terapontidae
- family Banjosidae
- family Kuhliidae
- family Centrarchidae
- family Elasmomatidae
- family Percidae
- family Priacanthidae
- family Kurtidae
- family Apogonidae
- family Epigonidae
- family Dinolestidae
- family Sillaginidae
- family Malacanthidae
- family Lactariidae
- family Scombroptidae

family Pomatomidae  
family Rachycentridae  
family Echeneidae  
family Carangidae  
family Nematistiidae  
family Coryphaenidae  
family Menidae  
family Leiognathidae  
family Bramidae  
family Caristiidae  
family Arripidae  
family Emmelichthyidae  
family Lutjanidae  
family Caesionidae  
family Lobotidae  
family Gerreidae  
family Haemulidae  
family Inermiidae  
family Sparidae  
family Centracanthidae  
family Lethrinidae  
family Nemipteridae  
family Sciaenidae  
family Mullidae  
family Pempheridae  
family Leptobramidae  
family Bathyclupeidae  
family Toxotidae  
family Coracinidae  
family Kyphosidae

family Parascorpididae  
family Drepanidae  
family Ephippidae  
family Monodactylidae  
family Scatophagidae  
family Chaetodontidae  
family Pomacanthidae  
family Enoplosidae  
family Pentacerotidae  
family Nandidae  
family Oplegnathidae  
family Cirrhitidae  
family Chironemidae  
family Aplodactylidae  
family Cheilodactylidae  
family Latridae  
family Cepolidae  
family Opistognathidae  
family Notograptidae  
suborder Mugiloidei  
    family Mugilidae  
suborder Polynemoidei  
    family Polynemidae  
suborder Labroidei  
    family Cichlidae  
    family Embiotocidae  
    family Pomacentridae  
    family Labridae  
    family Odacidae  
    family Scaridae

- subfamily Scarinae
- subfamily Sparisomatinae
- suborder Zoarcoidei
  - family Bathymasteridae
  - family Zoarcidae
  - family Stichaeidae
  - family Cryptacanthodidae
  - family Pholidae
  - family Anarichadidae
  - family Ptilichthyidae
  - family Zaproridae
  - family Scytalinidae
- suborder Notothenoidei
  - family Bovichthidae
  - family Nototheniidae
  - family Harpagiferidae
  - family Bathydraconidae
  - family Channichthyidae
- suborder Trachinoidei
  - family Xenocephalidae
  - family Chiasmodontidae
  - family Champsodontidae
  - family Trichodontidae
  - family Ammodytidae
  - family Trachinidae
  - family Uranoscopidae
  - family Trichonotidae
  - family Creediidae
  - family Leptoscopidae
  - family Percophidae

- family Pinguipedidae
- suborder Pholidichthyoidei
  - family Pholidichthyidae
- suborder Blennioidei
  - family Tripterygiidae
  - family Larbisomidae
  - family Clinidae
  - family Chaenopsidae
  - family Dactyloscopidae
  - family Blenniidae
- suborder Icosteioidei
  - family Icosteidae
- suborder Callionymoidei
  - family Callionymidae
  - family Draconettidae
- suborder Schindlerioidei
  - family Schindleriidae
- suborder Gobioidaei
  - family Rhyacichthyidae
  - family Eleotridae
  - family Gobiidae
  - family Kraemeriidae
  - family Microdesmidae
  - family Xenisthmidae
- suborder Acanthuroidei
  - family Siganidae
  - family Luvaridae
  - family Zanclidae
  - family Acanthuridae
- suborder Sphyranoidei

- family Sphyraenidae
- suborder Scombroidei
  - family Scombroideidae
  - family Gempylidae
  - family Trichiuridae
  - family Xiphiidae
  - family Istiophoridae
  - family Scombridae
- suborder Stromateoidei
  - family Amarispidae
  - family Centrolophidae
  - family Nomeidae
  - family Ariommatidae
  - family Tetragonuridae
  - family Stromateidae
- subfamily Anabantoidei
  - family Anabantidae
  - family Belontiidae
  - family Helostomatidae
  - family Osphronemidae
- suborder Luciocephaloidei
  - family Luciocephalidae
- suborder Channoidei
  - family Channidae

Order Pleuronectiformes - flounders and soles

- family Psettodidae
- family Citharidae
- family Bothidae
- family Pleuronectidae

- family Achiridae
- family Soleidae
- family Cynoglossidae

Order Tetraodontiformes - Triggerfishes & Allies

- family Triacanthodidae
- family Triacanthidae
- family Balistidae
- family Monacanthidae
- family Ostraciidae
- family Aracanidae
- family Triodontidae
- family Tetraodontidae
- family Diodontidae
- family Molidae