| KINGDOM | SUBKINGDOM | PHYLUM | CLASS | MARINE EXAMPLES |
|-----------|-----------------|---------------------|------------------------|--|
| MONERA | Archaeobacteria | 'thermoacidophiles' | | thermobacteria (chemobacteria) |
| | Eubacteria | Schizonta | | photobacteria (bioluminescent bacteria) |
| | | Cyanonta | | cyanobacteria (blue-green algae) |
| PROTISTA | Protophyta | Pyrrophyta | | dinoflagellates (incl. zooxanthellae) |
| | | Chrysophyta | | diatom (golden-brown algae) |
| | Protozoa | Sarcodina | Actinopodea | radiolarians |
| | | | Rhizopodea | foraminiferans |
| FUNGI | Ascomycota | | | molds, lichens (symbiosis with algae/cyanobacter |
| PLANTAE | 'seaweeds' | Chlorophyta | | green algae |
| | | Phaeophyta | | brown algae (incl. kelps) |
| | | Rhodophyta | | red algae (incl. coralline algae) |
| | Tracheophyta | Anthophyta | | flowering plants (incl. sea grass & mangroves) |
| ANIM ALIA | Parazoa | Porifera | Calcispongiae | calcareous sponges |
| | | | Hyalospongiae | glass sponges |
| | | | Demospongiae | bath sponges |
| | Metazoa | Cnidaria | Hydrozoa | hydrozoans (incl. man-of-war & siphonophore) |
| | | | Scyphozoa | true jellyfishes |
| | | Ctonophora | Anthozoa | sea anemones & corals |
| | | Ctenophora | | comb jellies |
| | | Platyhelminthes | Turbellaria | planarians |
| | | | Cestoda | tapeworms |
| | | Nemertea | (Trematoda) | no marine species (flukes) ribbon worms |
| | | | | Tibbon worms |
| | | Nematoda | | roundworms |
| | | Priapulida ————— | | priapulid worms |
| | | Mollusca | Polyplacophora | chitons |
| | | | Scaphopoda | tusk shells |
| | | | Gastropoda Bivalvia | snails & nudibranchs |
| | | | Cephalopoda | clams, mussels, oysters, scallops, shipworms octopuses, squids, cuttlefish, nautiluses |
| | | | | |
| | | Annelida | Polychaeta | polychaetes (incl. feather-duster & tubeworms) |
| | | | (Oligochaeta) | no marine species (earthworms) |
| | | | (Hirudinea) | no marine species (leeches) |

| KINGDOM | Subkingdom | PHYLUM | CLASS | MARINE EXAMPLES |
|----------|-------------|---------------|-------------------------|---|
| | | | | |
| ANIMALIA | Metazoa | Arthropoda | Merostomata | horseshoe crabs |
| | (continued) | | Pycnogonida | sea spiders |
| | | | Crustacea | crabs, lobsters, shrimps, barnacles |
| | | | Insecta | insects (incl. water striders) |
| | | | (Arachnida) | no marine species (spiders, scorpions, ticks, mites |
| | | | (Chilopoda) | no marine species (centipedes) |
| | | | (Diplopoda) | no marine species (millipedes) |
| | | Pogonophora | | Riftia worms |
| | | Brachiopoda | | lampshells |
| | | Echiura | | spoon worms |
| | | Spunculida | | peanut worms |
| | | Echinodermata | Crinoidea | sea lilies & feather stars |
| | | | Echinoidea | sea urchins & sand dollars |
| | | | Asteroidea | seastars |
| | | | Ophiuroidea | brittle & basket stars |
| | | | Holothuroidea | sea cucumbers |
| | | Chordata | Subphy. Urochordata | tunicates |
| | | | Subphy. Cephalochordata | lancelets |
| | | | Subphy. Vertebrata | vertebrates (details below) |

| SUPERCLASS | | | |
|-------------------|--------------|---|---|
| OUI LIIOLAGO | CLASS | ORDER | MARINE EXAMPLES |
| VERTEBRATA Pisces | | | jawless fishes (hagfishes & lampreys) |
| | | | cartilaginous fishes (shark, ray, skate, ratfish) |
| | Osteichthyes | | bony fishes (coelacanth, lungfishes, ray-finned) |
| Tetrapoda | (Amphibia) | | no marine species (frogs & salamanders) |
| · | Reptilia | Chelonia Squamata Crocodilia | sea turtles sea snakes & marine lizards marine crocodiles |
| | Aves | Sphenisciformes Procellariiformes Pelicaniformes Charadriiformes | penguins tubenoses (albatrosses, petrels, shearwaters) pelicans (incl. cormorants, frigatebirds, boobies) gulls (incl. terns & puffins) |
| | Mammalia | Cetacea | toothed whales (Suborder Odontoceti) baleen whales (Suborder Mysticeti) |
| | | Carnivora | seals, sea lions, walruses (Suborder Pinnepedia) sea otters (Suborder Fissipedia) |
| | | Sirenia Primata | manatees humans |
| | Tetrapoda - | Chondrichthyes Osteichthyes Tetrapoda (Amphibia) Reptilia Aves | Chondrichthyes Osteichthyes Tetrapoda (Amphibia) Reptilia Chelonia Squamata Crocodilia Aves Sphenisciformes Procellariiformes Pelicaniformes Charadriiformes Charadriiformes Charadriiformes Carnivora Sirenia |