KINGDOM	SUBKINGDOM	PHYLUM	CLASS	MARINE EXAMPLES
MONERA	Archaeobacteria	'thermoacidophile		thermobacteria (chemobacteria)
	Eubacteria	Schizonta		photobacteria (bioluminescent bacteria)
	Edbacteria	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)
ANIMALIA	Parazoa	Porifera	Calcispongiae	calcareous sponges
			Hyalospongiae	glass sponges
			Demospongiae	bath sponges
	Metazoa	Cnidaria	Hydrozoa	hydrozoans (incl. man-of-war & siphonophore)
			Scyphozoa Anthozoa	true jellyfishes sea anemones & corals
		Ctenophora	Antinozoa	comb jellies
		Platyhelminthes	Turbellaria	planarians
			Cestoda	tapeworms
			(Trematoda)	no marine species (flukes)
		Nemertea		ribbon worms
		Nematoda		roundworms
		Priapulida		priapulid worms
		Mollusca	Polyplacophora	chitons
			Scaphopoda	tusk shells
			Gastropoda Bivalvia	snails & nudibranchs clams, mussels, oysters, scallops, shipworms
			Cephalopoda	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 (continued)	Arthropoda	Merostomata Pycnogonida Crustacea Insecta (Arachnida) (Chilopoda) (Diplopoda)	horseshoe crabs sea spiders crabs, lobsters, shrimps, barnacles insects (incl. water striders) no marine species (spiders, scorpions, ticks, mites no marine species (centipedes) no marine species (millipedes)
		Pogonophora Brachiopoda Echiura Sipunculida		Riftia worms lampshells spoon worms peanut worms
		Echinodermata	Crinoidea Echinoidea Asteroidea Ophiuroidea Holothuroidea	sea lilies & feather stars sea urchins & sand dollars seastars brittle & basket stars sea cucumbers
		Chordata	Subphy. Urochordata Subphy. Cephalochordata Subphy. Vertebrata	tunicates lancelets vertebrates (details below)

SUBPHYLUM	SUPERCLASS	CLASS	ORDER	MARINE EXAMPLES
VERTEBRATA Pisces		Agnatha		jawless fishes (hagfishes & lampreys)
				cartilaginous fishes (shark, ray, skate, ratfish)
		Osteichthyes		bony fishes (coelacanth, lungfishes, ray-finned)
Tetrapoda	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