

Cheatography

Invertebrates Cheat Sheet by katiefocht25 (katiefocht) via cheatography.com/132231/cs/31283/

Porifera		Ctenophora		Cnidaria	
"sponges"		comb jellies		jellyfish, anemones, corals, hydras	
basal animals		basal eumetazoans		radial symmetry	
no true tissue				diploblastic	
sedentary				sessile/motile	
marine or freshwater				sac w/ central digestive compartment	
suspension feeder				single opening	
Bilaterians		Lophotrochozoa		Syndermata	
Lophotrochozoa	bilateral sym	-protostomy		rotifers	
Ecdysozoa	triploblastic	Platyhelminthes	flatworms	aquatic	
Deuterostomia	true coelom	Syndermata	rotifers	pseudocoelomate	
	2 openings	Mollusca	molluscs	two opening	
		Annelida	annelids	parthenogenesis	
Mollusca		Plathelminthes		Ecdysozoans	
gastropods, bivalves, cephalopods		flatworms		most species rich animal group	
marine		bilateral sym		protosomy	
coelomate		acoelomate		ecdysis shedding of cuticle	
open circ system		aquatic		cuticle tough exoskeleton 4 support and protection	
soft bodied with hard shell		single opening			
intelligence in cephalopods		parasitic: tapeworm			
Annelida		Arthropoda		Nemotoda	
Polychaetes	bristle worms	segmented body plan		roundworms	
Oligochaetes	earthworm leeches	cuticle		parasitic live in body fluids	
fused rings		open circ system		reproduce sexually internal fertilization	
coelomates		specialized jointed appendages			
closed circ system		- walking, feeding, sensory, reprod, defense			
Echinoderms		Arthropoda subphyla		Deuterostomia	
sea stars/urchins/ cucumbers, sand \$, brittle stars		Chelicerate	horseshoe crab, scorpions, ticks, mites, spiders	Echinoderms and chordates	
slow moving/sessile		Myriapod	centipedes, millipedes	shared developmental characteristics (deuterostomy)	
endoskeleton of ossicles		Crustacean	crab, lobster, shrimp, barnacles	radial indeterminate cleavage	
external sex repro		Hexapod	insects and relatives	anus from blastopore	
		Chordates			
		Notochord			
		dorsal hollow nerve cord			
		pharyngeal slits			
		post anal tail			

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