

PHYLUM	CLASSES	EXAMPLES	BODY SYMMETRY	TISSUE ORGANIZATION	COELOM DEVELOPMENT	PROTOSTOME/ DEUTEROSTOME	LOCOMOTION	SUPPORT
Porifera			asymmetry to radial		--	--		
Cnidaria					--	--	epitheliomuscular cells, some polyps sessile	
Platyhelminthes				triploblastic, organs		--		
Nematoda			bilateral					hydrostatic skeleton
Annelida							longitudinal and circular muscles	
Mollusca					eucoelom (reduced to pericardial cavity)			
Arthropoda							jointed appendages	
Echinodermata			radial adults (secondarily pentaradial), bilateral larvae	triploblastic				
Chordata								cartilagenous or bony endoskeleton

PHYLUM (CONT.)	GAS EXCHANGE	DIGESTIVE SYSTEM	CIRCULATION	REPRODUCTION	EXCRETION	NERVOUS SYSTEM	UNIQUE FEATURES	NOTES
Porifera	diffusion				diffusion of ammonia			
Cnidaria		incomplete, gastrovascular cavity, some intracellular		polyps-asexual (budding), sexual in medusae (in most)				
Platyhelminthes	diffusion				diffusion, osmoregulation by flame cells			cephalization
Nematoda			fluid in pseudocoel		excretory gland cells			
Annelida				sexual - many hermaphroditic asexual regeneration				
Mollusca			open (closed in Cephalopods)					
Arthropoda				sexual-dioecious, metamorphosis in many				
Echinodermata						primitive, diffuse		
Chordata							dorsal hollow nerve cord, pharyngeal gill slits, notochord	