

Biology 112
Arthropods
Compare/Contrast Table

Phylum - _____

Subphylum			
Group			
Antennae			
Number of Body Sections			
Mouthparts			
Examples			

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Phylum - Arthropoda

Subphylum	Crustacea	Chelicerata	Uniramia
Group Name	crustaceans	chelicerates	uniramians
Antennae	four (two pairs)	none	two (one pair)
Number of Body Sections	two or three	two	varied
Mouthparts	mandibles	chelicerae pedipalps	jaws
Examples	→ crayfish, crab, shrimp, lobster, barnacle	→ spider, <u>horseshoe crab</u> , tick	centipedes, millipedes, insects }

Review:

Animal Kingdom

- invertebrate
- vertebrate
- zygote
- embryology
- blastula
- blastopore
- protostome
- deuterostome
- germ layers (endoderm, mesoderm, ectoderm)
- Coelom
- radial and bilateral symmetry
- anterior, posterior, dorsal, ventral, lateral
- Segmentation
- homeostasis
- intracellular and extracellular digestion
- crop, gizzard
- open and closed circulatory systems
- nephridia
- Malpighian tubules
- hydrokeleton, exoskeleton, endoskeleton
- hermaphrodite (worm)
- ganglia
- cephalization
- phylum - representative organisms
- Chart - Arthropods