

Examples: earthworm and fireworm



http://www.kidcyber.com.au/IMAGES/earthworms.jpg



Hermodice carunculata, Bearded Fireworm at MarineBio.org



Cerebral ganglion- primitive brain

The brain is <u>Connected</u> to a <u>Nerve</u> cord that runs the entire <u>) ength</u> of the body

Septa- internal body wall that separate the segments



2. Organ systems- closed circulatory system and a highly modified gut



Parapodia and the <u>number</u> of setae on each segment are used to <u>Classify</u> the organism



http://dbsdb.nus.edu.sg/epic/biramous2.jpg



They are used to swim, \underline{borow} , or crawl They greatly increase the animals $\underline{Surfact}$ area for gas $\underline{exchange}$



http://dbsdb.nus.edu.sg/epic/biramous2.jpg

Tubeworms Live in protective <u>tube</u>formed by hard secretions of <u>glando</u> Sometimes only their head is stuck out of the <u>tube</u>

Examples: nereis and feather dusters





http://saltaquarium.about.com/blclipartfduster2.htm

http://miljolare.no/virtue/img/nydisk2004/images/008%20Nereis%2006.jpg

Class Oligochaeta Earthworms and some \underbrace{fresh} water worms Lack a distinctive <u>head</u> region and have no \underbrace{fresh} region and have no \underbrace{fresh} be a distinctive <u>head</u> region and have no \underbrace{fresh} be a distinctive <u>head</u> region and have no \underbrace{fresh} be a distinctive <u>head</u> of the distinctive <u>head</u> of the distinctive <u>head</u> of the distinction and the distinction and the distinctive <u>head</u> of the distinction and the distinction and the distinctive <u>head</u> of the distinction and Earthworm's Digestion Eat their way through <u>Sor</u> They consume their own body <u>weight</u> in soil each <u>oug</u> Food moves from the esophagus, crop (storage <u>hanke</u>), gizzard (grinds the food), intestine (food <u>how bed</u>)

Respiration oxygen and carbon $\frac{d_{ioxide}}{d_{ioxide}}$ diffuse through the <u>skin</u>





Class Hirudinea <u>Jeiches</u> Had blood suckers at both <u>ends</u> of its body Most are <u>predators</u> or scavengers Some are <u>ansite</u> on vertebrates or crustaceans

