**Group Assignment: Molluscs and Annelids**:

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Describe morphological characteristics that define each of the following phyla.

Phylum Annelida

Phylum Mollusca

Why weren’t pogonophoran worms initially considered annelids?

Mollusca and Annelida are on the same branch (clade) of the animal phylogenetic tree. What evidence supports this idea that the two phyla are closely related?

In the phylogenetic tree that we use in class to access the lectures, is the phylum Sipuncula represented as being more closely related to Mollusca or to Annelida. What morphological/anatomical features can be used to argue this.