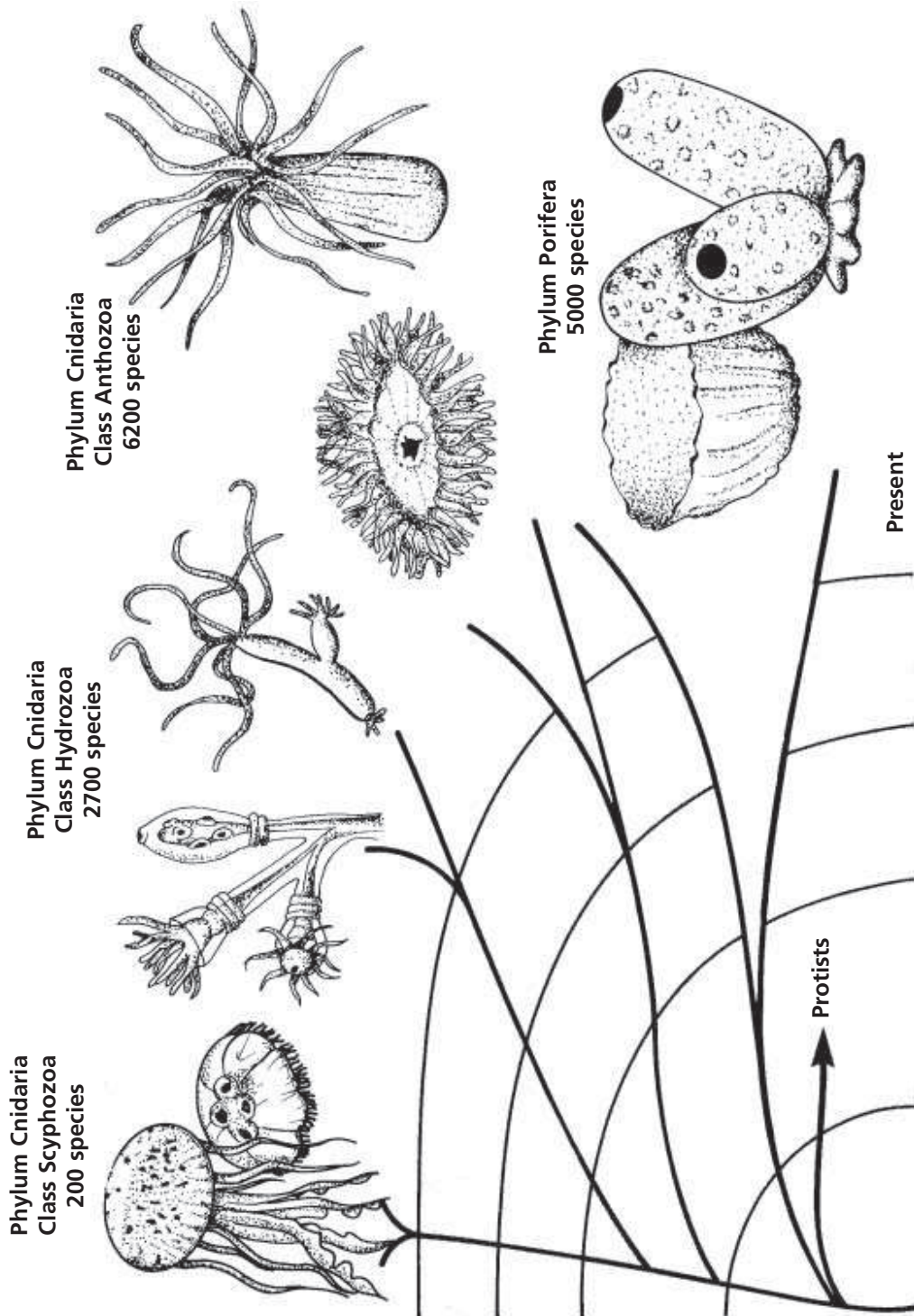


Master 46

Phylogeny of Sponges and Cnidarians

Basic Concepts

Use with Chapter 26, Sections 26.1, 26.2



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**Worksheet
46****Phylogeny of Sponges
and Cnidarians****Basic Concepts***Use with Chapter 26, Sections 26.1, 26.2*

1. Roughly, what is the ratio of cnidarian species to poriferan species?

2. What classes are included in the phylum Cnidaria? Identify a representative organism from each class.

3. Compare the present and prehistoric environments of most poriferans and cnidarians.

4. What evidence exists to support the idea that poriferans evolved from protists?

5. What evidence exists to support the idea that cnidarians evolved from protists?

6. Why are cnidarian origins not well understood?
