

Corals lab

1. List the phylum, class, order, and genus (if available) for each of the specimens 1-12.
2. Describe the interior of the corals and the way they obtain food.
3. Describe the life cycle and reproduction.
4. What is the difference in morphology and time range of the rugose corals and scleractinian corals?
5. How are corals useful in determining climate?
6. Draw a rugose coral and label its parts (fig. 4.5).
7. What is the mineral composition of rugose corals? Scleractinian corals?
8. Describe the Devonian reefs.
9. Describe the reef builders of the Mesozoic and Cenozoic.
10. How can you distinguish between corals and bryozoans?