

22-1 SECTION REVIEW

1. What are two of the problems faced by plants that live on land?
2. What are the names of the two main phyla of land plants? Give examples of each.
3. **Critical Thinking—Applying Concepts** Your friend finds a small plant growing in the desert. He identifies the plant as a moss. Explain why this plant is probably not a moss.

22-2 SECTION REVIEW

1. List the characteristics of each bryophyte group.
2. What are two adaptations that enable bryophytes to survive on land?
3. **Critical Thinking—Relating Facts** What is an archegonium? An antheridium? Why are these structures important in the life cycle of a moss?

22-3 SECTION REVIEW

1. What is vascular tissue?
2. How are ferns adapted to life on land?
3. What generation in ferns is most obvious? What substance is needed by ferns to reproduce sexually?
4. **Critical Thinking—Applying Concepts** Even though ferns survive under many of the same environmental conditions as mosses, ferns are able to grow much larger than mosses. Why is this so?

22-4 SECTION REVIEW

1. In what kinds of areas would you expect to find mosses growing in nature?
2. What characteristics of mosses make them useful?
3. **Connection—You and Your World** What are two ways in which ferns are used by people?