



Science Toolkit: Grade 6 Objective 3.D.1.b

Student Handout: Science: Grade 6 Objective 3.D.1.b

Standard 3.0 Life Science

Topic D. Evolution

Indicator 1. Explain that in any particular environment, the growth and survival of organisms and species depend on the physical conditions.

Objective b. Explain that in all environments-freshwater, marine, forest, desert, grassland, mountain, and others-organisms with similar needs may compete with one another for resources, including food, space, water, air, and shelter.

Selected Response (SR) Item

Question

Use the information below to answer the following.

Fossils of tree ferns as old as 400 million years have been found in rocks. These ancient ferns lived in swampy, lowland forests and reproduced asexually by producing spores. The ferns were much taller than other plants living at the same time. These extinct tree ferns have modern-day relatives that grow in the tropics.

Ancient ground plants competed with ancient tree ferns for resources in swampy areas.

For which resource were the tree ferns best able to compete?

- A. air
- B. shelter
- C. sunlight
- D. water

Correct Answer

C. sunlight

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