

Rules to Answer
Accurate answer supported by evidence, and reasoning links answer and evidence.
Response is specific and detailed.
Presence of precise wording and scientific terminology.

Plants evolved from green algae
Name the green algae which are the closest relatives of plants.
Why do researchers identify this algae as closest relative?

Life on Land
Identify four derived traits that distinguish plants from charophyte green algae *and* facilitate life on land. Explain

Alternation of Generation of Plants
Retrieve from Memory

Alternation of Generation of Plants
What would the human life cycle be like if we had alternation of generations?

Mosses and other nonvascular plants
Free recall life cycle of a moss

Non vascular plants
Contrast between sporophyte of vascular and nonvascular plants

Non Vascular plants
What is the function of rhizoids in bryophyte gametophytes?
Contrast between rhizoids of bryophyte and roots of vascular plants

Non vascular plants
Why bryophyte gametophytes generally form ground-hugging carpets?

Bryophyte Sporophytes
Elaborate and Retrieve
What is peristome?

The Ecological and Economic Importance of Mosses
Elaborate and Retrieve

Seedless Vascular Plants
Free recall

Elaborate and Retrieve life cycle of a fern

Seedless Vascular Plants
Elaborate and Retrieve about Vascular system

Compare and contrast homosporous and heterosporous spore production

Evolution of Leaves
Elaborate and Retrieve

Monilophytes and Lycophytes
List the key derived traits found in monilophytes and seed plants, but not in lycophytes