

Structure and Function in Living Systems

Name:

Classifying Plants

Period:

Use Chapter 12, Sections 1-3 in your textbook to help you out with this. Each of the boxes below represents one of the main groups of living plants. Write the descriptions given at the bottom of the page in the appropriate box. ***One description is used 3 times.



NONVASCULAR PLANTS	SEEDLESS VASCULAR PLANTS
VASCULAR SEED PLANTS WITHOUT FLOWERS	VASCULAR SEED PLANTS WITH FLOWERS

DESCRIPTIONS

- ancestors grew very tall
- conifers are an example
- provide many land animals with the food they need to survive
- have rhizoids (a root-like structure)
- angiosperms
- formed coal
- seeds are surrounded by a fruit
- are the most abundant group of plants today
- mosses and liverworts
- usually the first plants to inhabit a new environment
- ferns, horsetails, and club mosses
- gymnosperms
- must obtain water from the environment or a nearby cell
- contain xylem and phloem to transport water and food ***
- seeds develop in a cone or in fleshy structures attached to branches