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by Ellen Lawrence

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Contents

An Amazing Discovery	4
Giant Plants, Tiny Plants	6
Underground Plant Parts	8
Super Stems	10
Leaves Make Food	12
The Biggest Flower	14
Seeds Make New Plants	16
A Super-Sized Fruit!	18
Amazing Plant Bodies	. 20
Colones Lab	22

Science Lab	22
Science Words	23
Index	24
Read More	24
Learn More Online	24
About the Author	24

An Amezing Discovery

In 2006, scientist Steve Sillett climbed a very tall redwood tree.

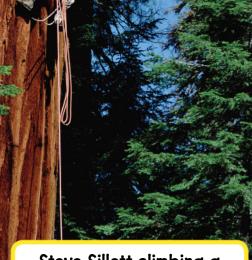
At the top of the tree, he held one end of a tape measure to the tree's tip.

He let the other end drop to the ground.

Hundreds of feet below Steve, another scientist recorded the redwood's height.

The tape measure showed the tree was just over 379 feet (116 m) tall.

Steve had just climbed the tallest tree in the world!



Steve Sillett climbing a giant redwood tree

a redwood tree

The redwood tree that Steve climbed in 2006 is named Hyperion. At that time, it was the tallest tree in the world. In the future, however, an even taller tree might be discovered. Hyperion grows in Redwood National Park in California.

Statue of Liberty 305 feet 6 inches (93 m) tall

Hyperion 379 feet (II6 m) tall

Ciant Plants, Tiny Plants

Plants can be tall, like a redwood tree, or short, like a daisy.

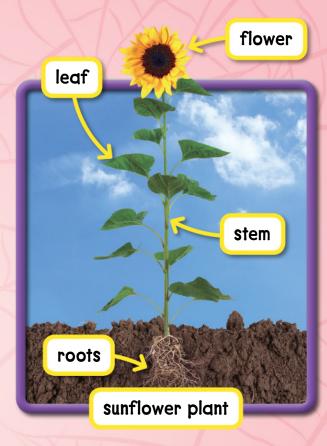
Whatever their size, most plants have the same parts.

They have roots that usually grow down into the soil.

They also have stems that connect their roots to their leaves.

Many plants also have flowers that make **seeds**, and some plants grow fruits.

All these plant parts come in many different shapes and sizes.



People eat the different parts of many plants. Which plant parts are these foods? (The answers are on page 24.)

lettuce

apple

Giant sequoia (sih-KWOI-uh) trees have very thick stems, or trunks. A sequoia named the General Sherman tree has a huge trunk. It would take more than 20 adults holding hands to make a circle around its trunk. trunk of General Sherman tree baobab trees 10–11 buds 14–15 carrot plants 6, 8 coco de mer palm trees 17 flowers 6, 14–15, 16, 20, 22 fruits 6, 14, 18–19, 20 General Sherman tree 7 giant bamboo 11 giant sequoia trees 7

Bash, Barbara. Tree of Life: The World of the African Baobab. San Francisco: Sierra Club Books for Children (2006).

Index

gunnera plants 13 Hyperion 4–5 jackfruits 18–19 leaves 6, 12–13, 20 mangrove plants 9 nutrients 8, 10 orchid plants 16 pumpkins 20–21 pygmy weed plants 12

Read More

Charman, Andy. I Wonder Why Trees Have Leaves, and Other Questions About Plants. Danbury, CT: Grolier (2005).

Learn More Online

To learn more about amazing plant bodies, visit www.bearportpublishing.com/Plant-ology

About the Author

Ellen Lawrence lives in the United Kingdom. Her favorite books to write are those about nature and animals. In fact, the first book Ellen bought for herself, when she was six years old, was the story of a gorilla named Patty Cake that was born in New York's Central Park Zoo.



Page 6: A carrot is the root of a plant. Lettuce is a type of leaf. An apple is a fruit.

rafflesia plants 14–15 redwood trees 4–5, 6 roots 6, 8–9, 10, 20 seeds 6, 14, 16–17, 18, 20, 22 Sillett, Steve 4–5 stems 6–7, 9, 10–11, 20 sunflowers 6, 8, 22 trunks 7, 10–11

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The parts that make up each plant's body are the same roots, stems, leaves, seeds, and often fruit and flowers. Yet plants come in a huge number of shapes and sizes. Look inside to learn about the purpose of each plant part. Along the way, you'll discover a plant with a stem that can hold enough water to fill 50 bathtubs, fruits that weigh more than 30 children, and other extreme plant parts!

Amazing Plant Bodies Tiny to Gigantic

Meat-Eating Plants Toothless Wonders **Cooking with Sunshine** How Plants Make Food

Freaky Plant Facts Extreme Greens From Bird Poop to Wind How Seeds Get Around

Poison Petals Don't Eat! Prickly Plants Stuck! What Lily Gets from Bee And Other Pollination Facts





