

Carnivorous Bog



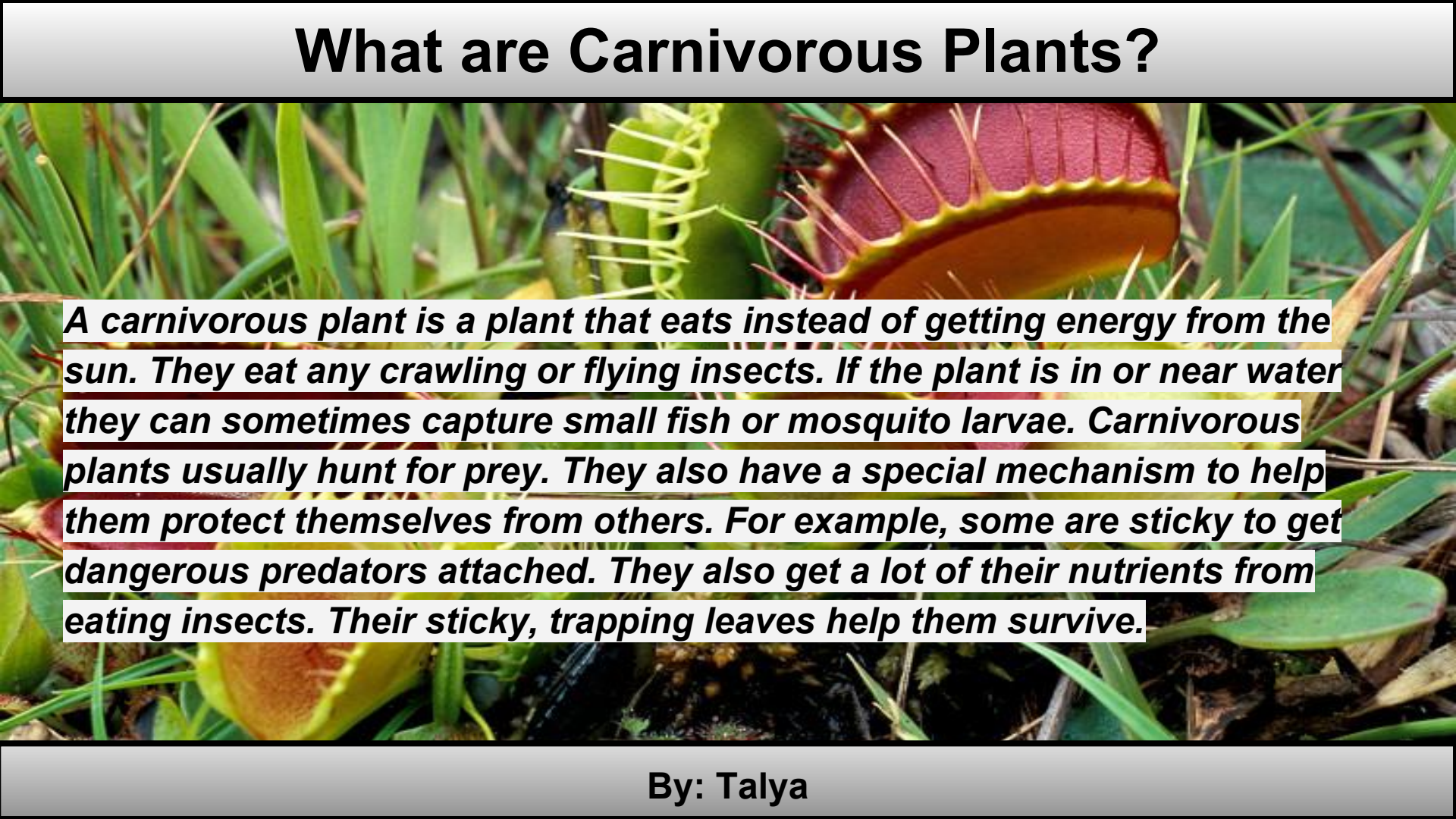
By Gregory, Sara, Anom, Talya, and Oren

What is a Bog?

A bog is a muddy, wet and damp area where many different plants called carnivorous plants grow. Carnivorous plants do go through photosynthesis, and eat different animals and organisms. The plants have different “super powers” that help them to survive the conditions of a wet bog.



What are Carnivorous Plants?



A carnivorous plant is a plant that eats instead of getting energy from the sun. They eat any crawling or flying insects. If the plant is in or near water they can sometimes capture small fish or mosquito larvae. Carnivorous plants usually hunt for prey. They also have a special mechanism to help them protect themselves from others. For example, some are sticky to get dangerous predators attached. They also get a lot of their nutrients from eating insects. Their sticky, trapping leaves help them survive.

By: Talya

What do carnivorous bogs look like in the WMS greenhouse? By: Sara

Our carnivorous plants are Venus Flytraps, Hooded Pitcher Plants, Sundews, And normal pitcher plants. They live in a tank with no water. There is a humidifier at the top, and that helps them get the water they need. They are fed by flies that rest on them. They also have moist meters. At the end you will see pictures of what our greenhouse looks like!



CARNIVOROUS PLANTS

At WMS, there are 5 plants we studied that are carnivorous. The butterwort, hooded purple pitcher plant, purple pitcher plant, sundew, and the venus flytrap. Also growing in the bog is moss (non-carnivorous.) All these plants have ways to attract their prey. For example, The venus flytrap attracts bugs with its traps and smell. Butterwort plant has sticky hairs that doesn't allow the insect to move.

By: Anom

What did each person do in the greenhouse?

Every time we went down to the greenhouse, we took a camera and took pictures of the plants. Then everybody took careful measurements and recorded changes that occurred to the plants. We also measured the humidity and wetness of the soil. We added moss, filled the watering tanks and cut the dead plants off.

By: Oren



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This is what it looks like when the plants are humidified.



These are the pitcher plants: hooded, and non-hooded.

