

Carnivorous Bog

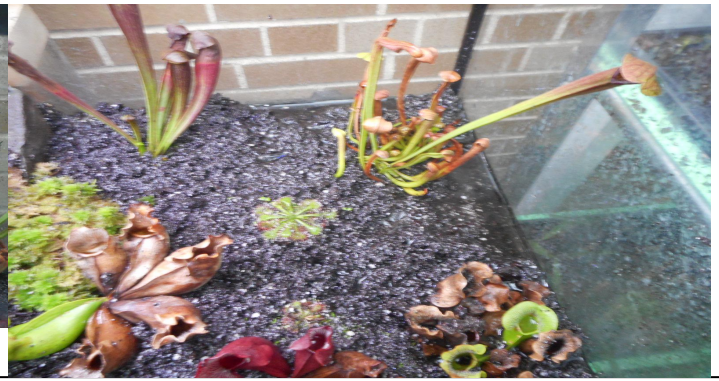
By: Ethan, David, Patrick, Sarra, Michael

What is a bog and what kinds of life are in a bog?

A bog is a wetland that gets water only from rain and snow. Because of this, bogs often have very few nutrients. Therefore, plants that live in bogs must adapt to this low level of nutrients. You can find the Venus fly traps, Pitcher plants, Mosquitos, sundew,Holly,sphagnum moss, Moose, beaver, and muskrat all in the bog!







By: Patrick Scallan

What are carnivorous plants? By: Sarra Mikhaylov

Carnivorous plants are plants that get nutrients by consuming meat. Most carnivorous plants eat flying, foraging, or crawling insects. Those that live in or around water capture very small prey that live in the water like mosquito larvae and tiny fish. Carnivorous plants capture animals by their sticky saliva. The saliva sticks to the animal so the animal has no way out. Then the saliva absorbs all the nutrients in the animal. The saliva also turns the animal into a liquid substance. Most common carnivorous plants are: Sundews, Venus flytrap, Tropical pitcher plants, Sarracenia

Fun Fact!

There are over 670 different carnivorous plants!

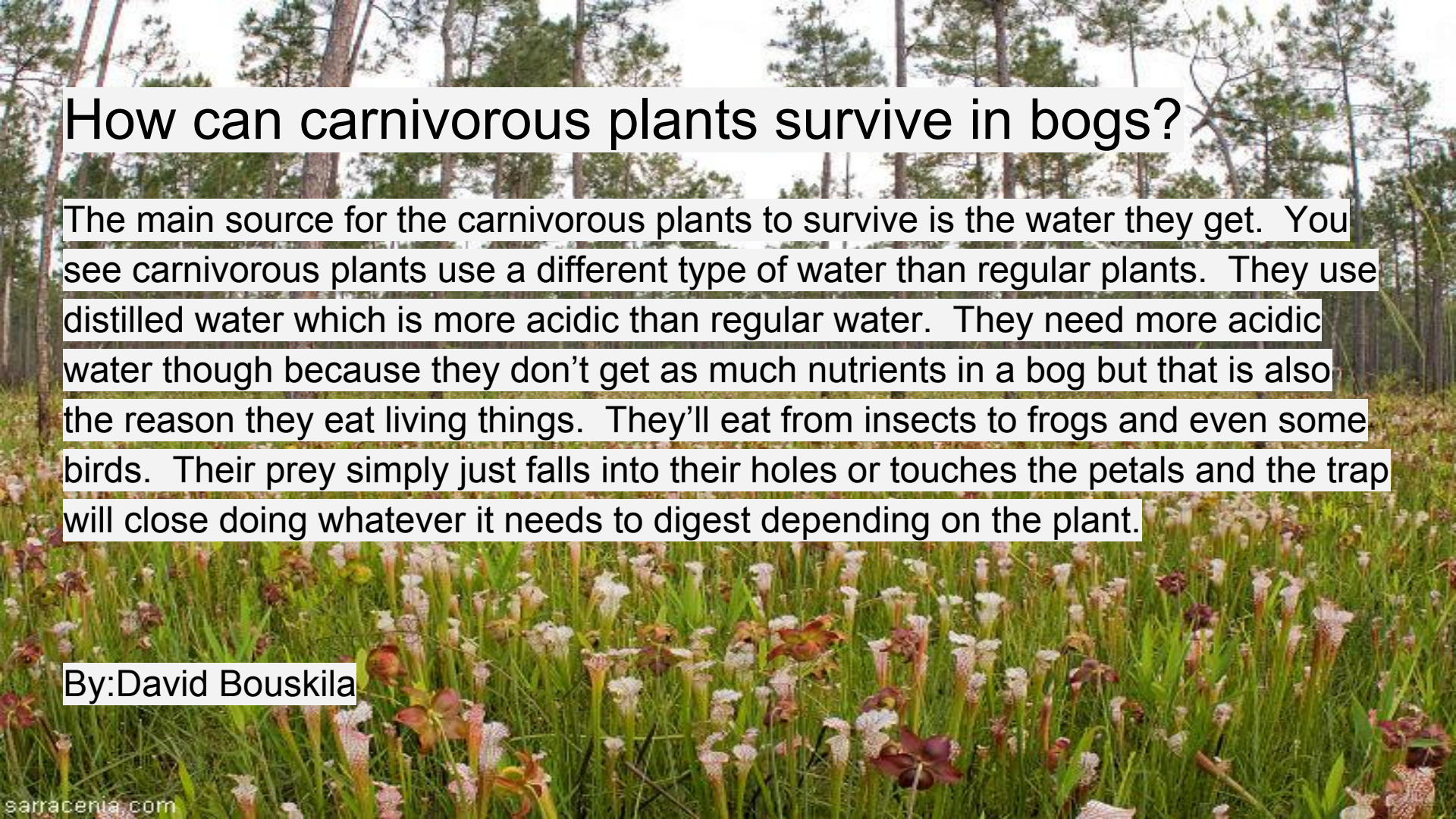


All the Carnivorous plants in the greenhouse

How can carnivorous plants survive in bogs?

The main source for the carnivorous plants to survive is the water they get. You see carnivorous plants use a different type of water than regular plants. They use distilled water which is more acidic than regular water. They need more acidic water though because they don't get as much nutrients in a bog but that is also the reason they eat living things. They'll eat from insects to frogs and even some birds. Their prey simply just falls into their holes or touches the petals and the trap will close doing whatever it needs to digest depending on the plant.

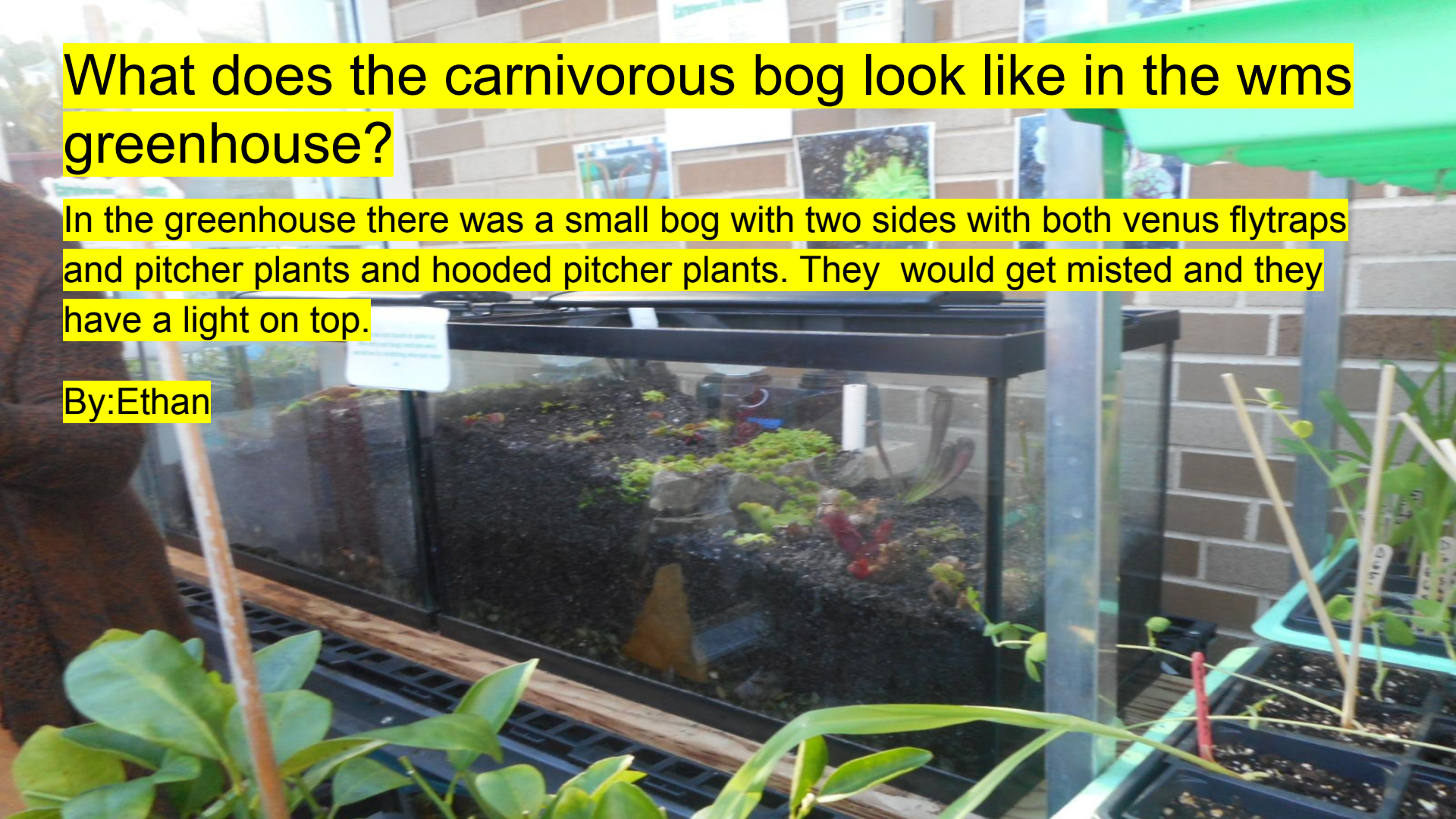
By:David Bouskila



What does the carnivorous bog look like in the wms greenhouse?

In the greenhouse there was a small bog with two sides with both venus flytraps and pitcher plants and hooded pitcher plants. They would get misted and they have a light on top.

By:Ethan



What carnivorous plants are in the WMS greenhouse?

The carnivorous plants in the greenhouse we have are pitcher plants purple pitcher plants venus flytraps and some sundew. The pitcher plants including the purple ones have a hole that their prey falls into it shuts and through the tubeit has sticky like hairs pushing it down and it falls into water made by the plant which will eventually make it drown then be made into nutrients. Venus flytraps will wait for something to land on its pedal so it uses a sort of smell that the prey will like and come to it then it shuts when it reaches it and after a while it becomes nutrients. With the sundew it uses a sticky tip on it's leaves to make it's prey stick to it and be pushed down into a whole made by the plant and be sucked down slowly becoming nutrients.

By:David Bouskila

What measurements did we take?

We used a ruler to measure the heights of the plants. We also used a temperature meter to measure the temperature in every place of the bog. And we measured the water level. If it was to hot, then we added water.

By: Michael Horowitz



Bibliography

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