CALIFORNIA STATE SCIENCE FAIR
2017 PROJECT SUMMARY

Name(s)
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Project Number
J1999

Project Title
Acid Rain and Aquatic Plants

Abstract

Objectives/Goals
The objective of the experiment was to determine the affects of acid rain, vinegar, on aquatic plants.

Methods/Materials
20 Bamboo plants
5 Identical 2 quart containers
Ruler
10 quarts of distilled water
250 Milliliters of vinegar
Small Rocks
Place 4 bamboo plants in 5 groups in the 2 quart containers that are filled with water and small rocks.
Measure each plants, with the designated amount of vinegar, every day for 20 days with a ruler.

Results
Several plants, which were put in groups of 4 and had a designated amount of vinegar, were measured for 20 days. Results determined that any group of bamboo plants that were exposed to vinegar had a drastic decrease in growth than the plants that were not exposed to vinegar.

Conclusions/Discussion
Results determined that acid rain, vinegar, made the plants grow less than they should.
This means acid rain does affect the growth of aquatic plants.

Summary Statement
I proved that acid rain, vinegar, affects aquatic plants in a negative way.

Help Received
The experiment was conducted on my own, but I was helped with the writing by my homeroom teacher.