

The Effects of Acid Rain on *Artemia salina*

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# Abstract

With pollution increasing more and more every year into our ecosystem, it has already started to effect animals in their own environments. People need to be informed about what could happen to these animals if they don't change their habits quick. What I have done in my experiment is test how acid rain and slightly acidic water effects the growth of brine shrimp. A couple hundred brine shrimp were added to the different water samples that had a pH of 4, 6, and 9. The brine shrimp were not able to hatch, let alone survive, in water with a pH of 4. Though the brine shrimp were able to grow in the water sample with a pH of 6, except for the fact they were undeveloped and could not function properly. Therefore, if people do not stop polluting their own Earth with chemicals species will start to die of in oceans, lakes, and streams, sooner than later.