



School in the Woods

Bucket Buddies

Fall '07

Location: Iowa City, Iowa

Hypothesis: We think that micro-invertebrates will be the same around the world, and that climate won't have much of an effect on which micro-invertebrates live there.

Conditions: Our samples were all taken from a pond near our school. The first sample was taken on September 27 from a shallow, shady spot with vegetation, when the air temperature was about 65° F. The second sample was taken October 23 from the surface of the pond, when the air temperature was about 40° F. The final sample was taken from the bottom of the pond on October 30, when the air temperature was about 65° F.

Identification Tools: We used microscopes and hand lenses to view our findings. We used a book called Pond Life by George K Reid, and online resources to identify the macro-invertebrates.

Our Collections:

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| Nematode | Very Few |
| Water Strider | Very Few |
| Midge Larvae | Few |
| Mayfly Nymph | Few |
| Copepods | Many |
| Little Pond Snail | Many |
| Water Flea | Very Many |