



Bucket Buddies Investigation

Location: Interlaken, NY
School: South Seneca Central Schools
Teacher: L. McCheyne
Students: 5th grade

Question:

Are the organisms found in pond water the same all over the world?

Hypothesis:

13 students in our class think the aquatic macroinvertebrates will be different because of the different climates.

8 students think that the aquatic macroinvertebrates will have some of the same and some different kinds of organisms.

Process:

Our teacher brought in water collected pond water from a pond in Interlaken, NY. Water was collected from the surface, edge, bottom, and middle to get a variety of pond life.

In the classroom we put it into smaller containers. Then we used eye droppers and cups to catch organisms to look at under the microscope. We used dichotomous keys to identify what we found.

Results:

We found the following insects:

Aquatic Worm	1
Water flea	2
Giant water bug	1
Dragonfly larva	1
Hellgrammite	2
Mayfly	1
Midge	4
Water boatman	2
Water scorpion	1
Worm	1
Spring tail	3