

Blue Ridge Middle School is located in Lakeside, Arizona in the White Mountains. We are at an elevation of approximately 7,200 and enjoy all four seasons. Our class visited Big Springs Environmental Study Area near our school. It is a 40 acre site that includes a spring-fed pond and two streams. We collected water and macroinvertebrates from both a stream and the pond. The students took levels of dissolved oxygen, nitrates, and pH level. We collected samples with another 4th grade class, so about 50 students were involved in the identification and count.

Site 1: stream

- scuds: 51
- worms: 167
- leeches: 35
- mosquito larva: 1
- copepods: 39
- midge: 4



Site 2: spring-fed pond

- springtails: 287
- water fleas: 1
- scuds: 673
- worms: 341
- leeches: 103
- mosquito larva: 2
- water boatmen: 5
- copepods: 82
- midge: 9
- dobsonfly larva: 1
- snail eggs: 4
- clams: 3

