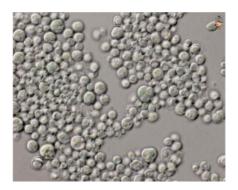
Astrobiology: Science Learning Activities for Afterschool

Extreme Life!



Courtsey of Micro*scope http://microscope.mbl.edu

This algae was found in acidic (acid-like) springs in Yellowstone National Park. They can live in water acidic enough to burn human skin.

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Courtsey of Micro*scope http://microscope.mbl.edu

Algae can be found under the ice in lakes in the Arctic and Antarctica.

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Courtsey of Micro*scope http://microscope.mbl.edu

These microscopic creatures, known as euglenia mutablis, were found in the acid-like Rio Tinto in Spain.

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Courtsey of Micro*scope http://microscope.mbl.edu

Some bacteria, like these found in Yellowstone National Park, can live in boiling water (100°C, 212°F).

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This microscopic life form, Artemia monica, can be found in the "hypersalinic" (high salt to water ratio) waters of Mono Lake.

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NOAA

Tube worms like these grow near hydrothermal vents in the ocean.

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U.S. House of Representatives Committee on Resources http://resourcescommittee.house.gov/subcom mittees/emr/usgsweb/

Very old bacteria has been found living inside salt crystals.

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NASA

Deinococcus radiodurans (shown on an agarplate) can survive radiation levels thousands of times greater than what would kill humans.