

Can Living Things Live Here?

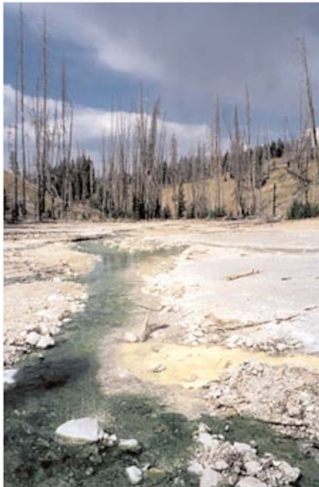


Image by Kathy Shehan
Courtesy of Micro*scope <http://microscope.mbl.edu>

Lemonade Spring in Yellowstone park has acidic (acid-like) water that can burn your skin.

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Photograph by: Kristan Hutchison
National Science Foundation

McMurdo Dry Valleys in Antarctica have average temperatures of -20°C (-4°) and get less than 10 cm (4 inches) of rain each year.

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Image by Linda Amaral-Zettler Courtesy of Micro*scope
<http://microscope.mbl.edu>

Rio Tinto (River of Fire) in Spain is one of the most naturally acid-like rivers in the world.

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National Park Service
U.S. Department of the Interior

Hot springs in Yellowstone. Water underground can be heated to boiling by nearby magma (the word for lava that's underground).

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Photo by Brett Leigh Dicks Courtesy of Micro*scope
<http://microscope.mbl.edu>

Mono Lake in California is two and a half times saltier than the ocean.

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OAR/National Undersea Research Program (NURP); NOAA

Under water volcanoes known as black smokers add extremely hot water (as high as 400°C, 725°F) to the ocean environment.

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NASA Image Exchange

Salt domes in Iran. These domes of salt are usually found over underground stores of oil and gas.

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Radiation is a kind of energy that can be harmful to people in large doses. In space, radiation from the Sun is stronger than on Earth and spaceships must be built to protect astronauts.