

Why does micro life differ in riparian ecosystems

The quality of the stream determines what kind of life can live there

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How do we determine the quality of the stream



- We run a series of test which are the PH, EC, temperature, Alkalinity, dissolved oxygen, nitrates, turbidity, and even the GPS latitude and longitude.
- Sight description, plant life, flow of the river, weigh of the river,

Trees

- Analyzed quadrants of plant life next to the streams
- Gooding willow, Cottonwood, Ash, and even Sycamore.



Why are trees important

- Habitat for Diverse bird life and other small animals
- Slows down erosion
- Provides food and dam supplies for beavers
- Gives shade from the afternoon sun



Beavers



- Beavers are very important to the riparian ecosystem
- They build dams
- Dams are good



Problems

- Cattle grazing
- Growing cities
- Invasive species, Salt Seeder, tumbleweed, crayfish, red ear slider turtle, yellow ear slider turtle,
- Pollution



Possible solutions

- Fence up cattle
- Conserve water
- Volunteer to eradicate the invasive species and pick up trash.

