

3. Based on the description of the collection site and alga, attempt to group it with regard to its habitat.

These animals are most likely to be found in freshwater. Knowing this they are most comfortable in murky-looking water, which can be said they are eutrophic. This means rich in nutrients and so supports a dense plant population, this was also seen since the surrounding waterways were diverse with plants sure as razor grass, water lily, and the monkeypod tree.

Welcome to the world of *Spirogyra Longata*. (n.d).

http://bioweb.uwlax.edu/bio203/2010/fenske_megh/#:~:text=It%20is%20easily%20identifiable%20with,filamentous%20structure%20and%20freshwater%20habitat.

Method:

The researcher found the algae in a pond in the zoo near the giant otter enclosure with two monkeypod trees growing next to it. The algae were removed from the pond using a tweezer and placed into a zip-lock plastic bag with some of the pond water inside to help prolong the life span of the algae before preservation. At home, the researcher removed any debris from the algae before transferring it into a 100ml storing container of 70% alcohol. On a wax sheet, the scientific and common name of the algae were written along with its collection number, date collected, the location, and then stored in the herbarium alphabetically with similar species.