

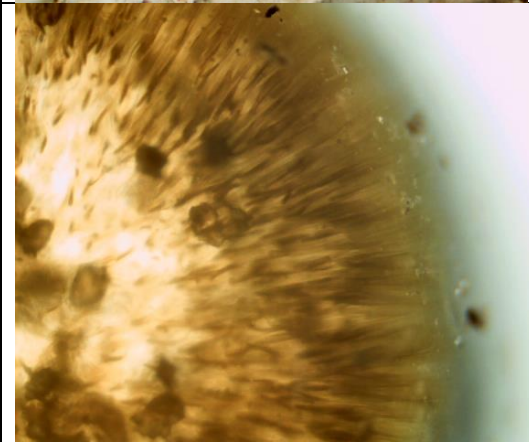
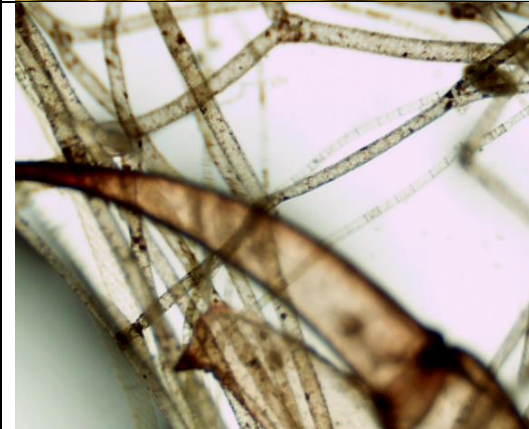


The science pond under the Microscope

Our students have been busy studying the microscopic life derived from the science pond.

We have found some fabulous living things and studied the process that are happening on a microscopic scale.

	<p>Daphnia – “water flea”</p> <p>We are able to see it’s diet of algae in it’s alimentary canal.</p>
	<p>Stone fly larvae</p> <p>This late in the season we have still got underwater predator larvae.</p> <p>This will soon moult and develop into the adult</p>
	<p>Spirogyra</p> <p>A colonial algae – this the primary producer and provides the pond with oxygen.</p> <p>Snails, Daphnia and other animals use this as their stable food source</p>
	<p>Duck weed</p> <p>A floating plant, in this image you can see the individual cells that compose the small leaf</p>

	<p>Duck weed</p> <p>Root tip, absorbing water and nutrients directly from the pond water</p>
	<p>Parasitic Amoeba</p> <p>This single celled animal is having a meal courtesy of a dragonfly moult.</p>
	<p>Symbiotic colony</p> <p>These bumpy mounds are a colony of both algae and bacteria living together.</p>
	<p>Spirogyra and dragonfly jaw from a moult</p> <p>This is the lower jaw of the larvae and you can see why the larvae is the apex predator in the pond.</p>