

A Gallery of the Genus *Stentor*

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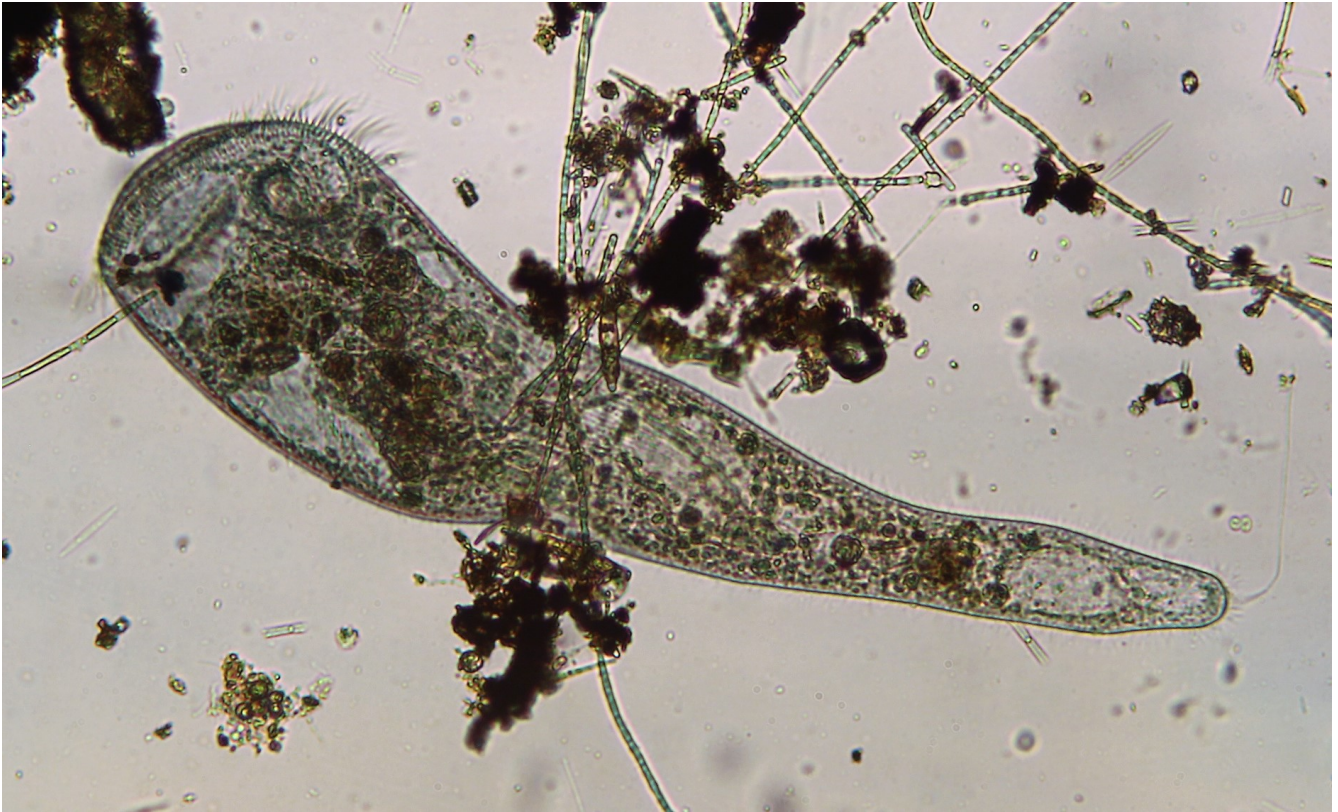
Ontario, Canada

During the recent pandemic, I found myself in a position where I had available time and very limited opportunity be involved with work, family or community. This circumstance allowed me to observe pond water and protozoa nearly every day. I was able to record a large number of images during this period. Some of the most spectacular images were species of the genus *Stentor*. The genus has an interesting form, it is large enough to easily observe cell structure, and it has movement that is slow enough to easily photograph. The *Stentor* is not uncommon, yet it is always exciting to view under the microscope. All of the specimens originated from Ontario, Canada.

The following four images are of the species *Stentor coeruleus*. Note the bluish colour, and moniliform nucleus. This specimen was scraped from a leaf from the sediment of a seasonal pond during late spring.







I believe the following two images to be of the species *Stentor rosellii*. Note the vermiform nucleus and the presence of a loose lorica. The second image illustrates the buccal pouch.





I believe the following images to be of the species *Stentor muelleri*. Note that the stentor is colourless, with lorica and with moniliform nucleus.





The final image is of an unknown ciliate that has some resemblance to a stentor.



Reference

Dioni, Walter, 2004: **An Annotated Key** for Species of the Family “Stentoridae” and Two Related Families.

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Published in the September 2024 issue of *Micscape* magazine.