

Unidentified Ciliate from the family Holophryidae

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My research leads me to believe that the ciliate illustrated below is a member of the family Holophryidae. The shape of the organism is oval, and the organism is flexible. The organism appeared to be feeding while being observed. In the images, cilia, the ciliary lines, the macronucleus, food vacuoles and the contractile vacuole can be observed.

The water sample was collected in late spring from a pond in Ontario, Canada. The specimen was found at the bottom of the sample with the sediment. Cyanobacteria and diatoms were observed on the slide sample.

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