

Cyclidium elongatum

Schewiakoff, 1896

Most likely ID: n.a.

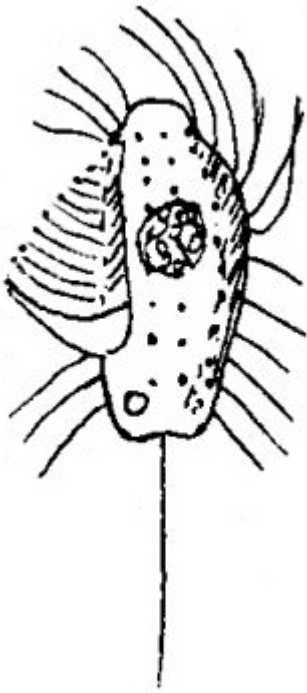
Synonym: n.a.

Sampling location: [Simmelried](#)

Phylogenetic tree: [Cyclidium elongatum](#)

Diagnosis:

- body elongated elliptical
- distinct frontal plate
- length 16–27 µm
- oral apparatus three quarters of body length
- posterior end transversely truncated
- on right side L-shaped undulating membrane
- extrusomes absent
- one spherical macronucleus in anterior third
- contractile vacuole terminal
- one long caudal cilium, often bent



after Kahl

Cyclidium elongatum

So far I have found *Cyclidium elongatum* only in the [Simmelried](#), between decomposing plant material. The essential differences from the widespread species [Cyclidium glaucoma](#) are the slender shape of the body and the undulating membrane, which extends to the posterior third of the body, where the mouth opening is located. In addition, the posterior end of *Cyclidium elongatum* is transversely truncated, whereas in [Cyclidium glaucoma](#) it is broadly rounded.

In 1988 Foissner remarked that in his opinion *Cyclidium elongatum* and [Cyclidium glaucoma](#) should be synonymized, without, however, giving reasons for this. So far such a synonymization has not been carried out and *Cyclidium elongatum* is treated as a separate species. After observing the specimens in my population, I also consider *Cyclidium elongatum* to be a distinct species, at least according to the morphological characteristics, which exactly match Kahl's description. In his description of *Cyclidium elongatum*, Kahl also noted that the features are very consistent, which is why the species cannot be confused with [Cyclidium glaucoma](#) and *Cyclidium citrullus*.

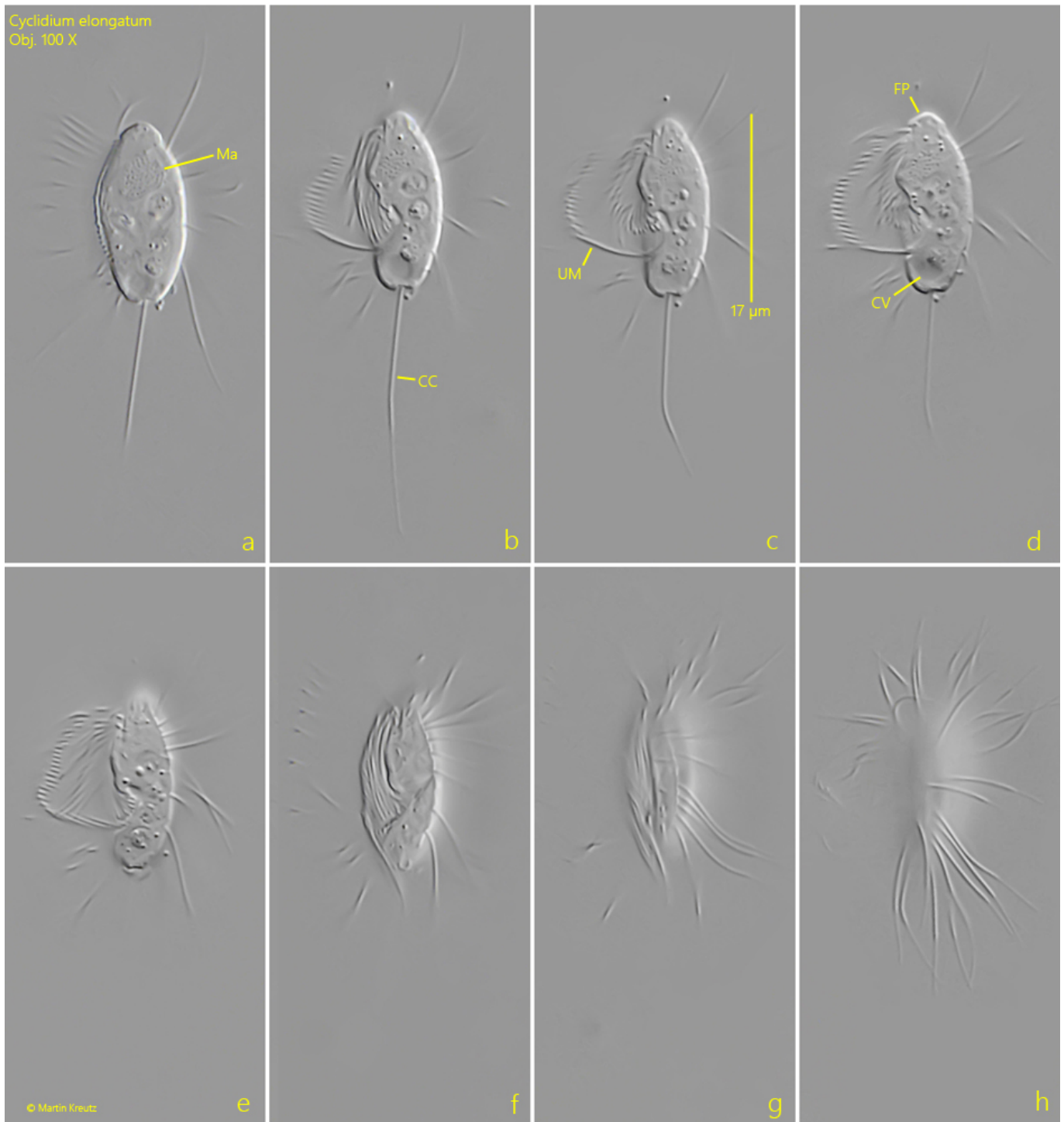


Fig. 1 a-h: *Cyclidium elongatum*. L = 17 μ m. Different focal planes of a freely swimming specimen from left. CC = caudal cilium, CV = contractile vacuole, FP = frontal plate, Ma = macronucleus, UM = undulating membrane. Obj.1040 X.