

***Trichocerca longiseta* Schrank, 1802**

Most likely ID: n.a.

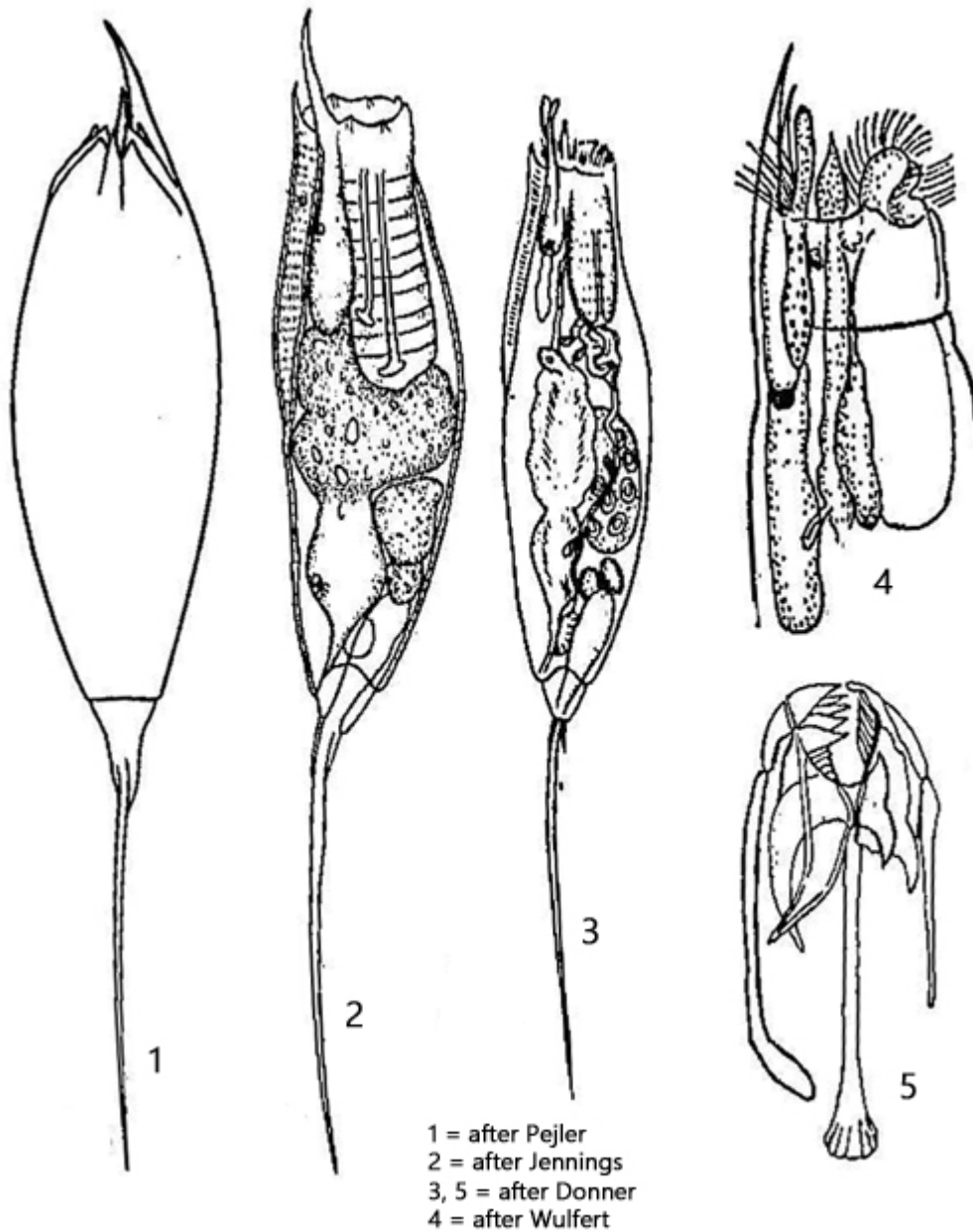
Synonym: n.a.

Sampling location: [Simmelried](#)

Phylogenetic tree: [Trichocerca longiseta](#)

Diagnosis:

- body spindle-shaped
- anterior two spines of unequal length
- one apical palp organ
- dorsal two inconspicuous keels and ribbon of stripes
- length 300–575 μm (with toes)
- one dorsal eyespot
- stomach and intestine with fat spherules
- retrocerebral organ with elongated sac
- left toe, almost body length
- right toe, short and curved
- 5–7 very short, secondary toes (hard to see)
- cuticle often colored yellowish or reddish



Trichocerca longiseta

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More images and information on *Trichocerca longiseta*: [Michael Plewka-Freshwater life-Trichocerca longiseta](#)

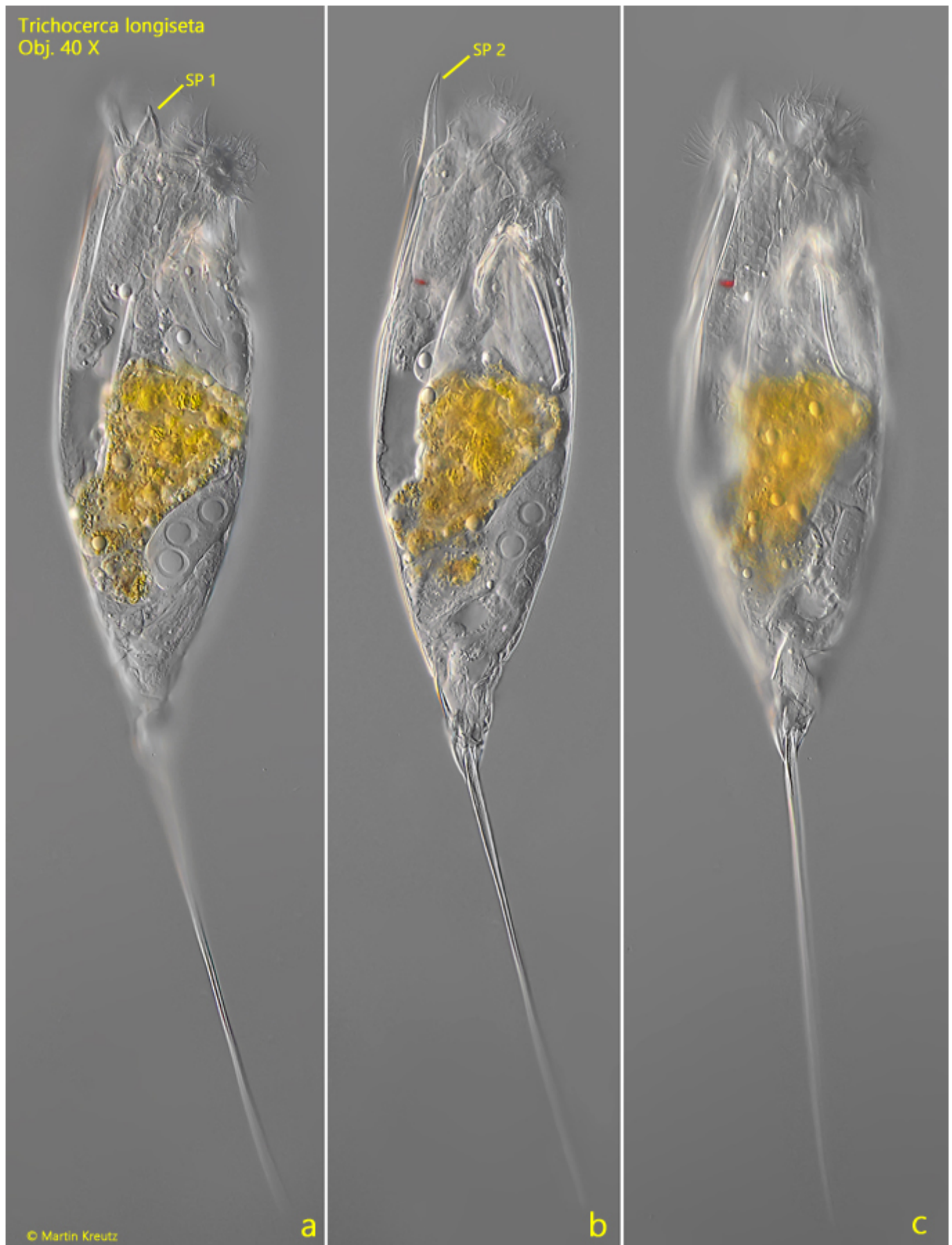


Fig. 1 a-b: *Proalinopsis caudatus*. L = 180 μ m. A specimen gliding along a detritus flake from left lateral view. Note the dorsal antenna (DA) and the caudal antenna (CA) arising

from short papillae. The head is clearly set off from the body. Obj. 40 X.

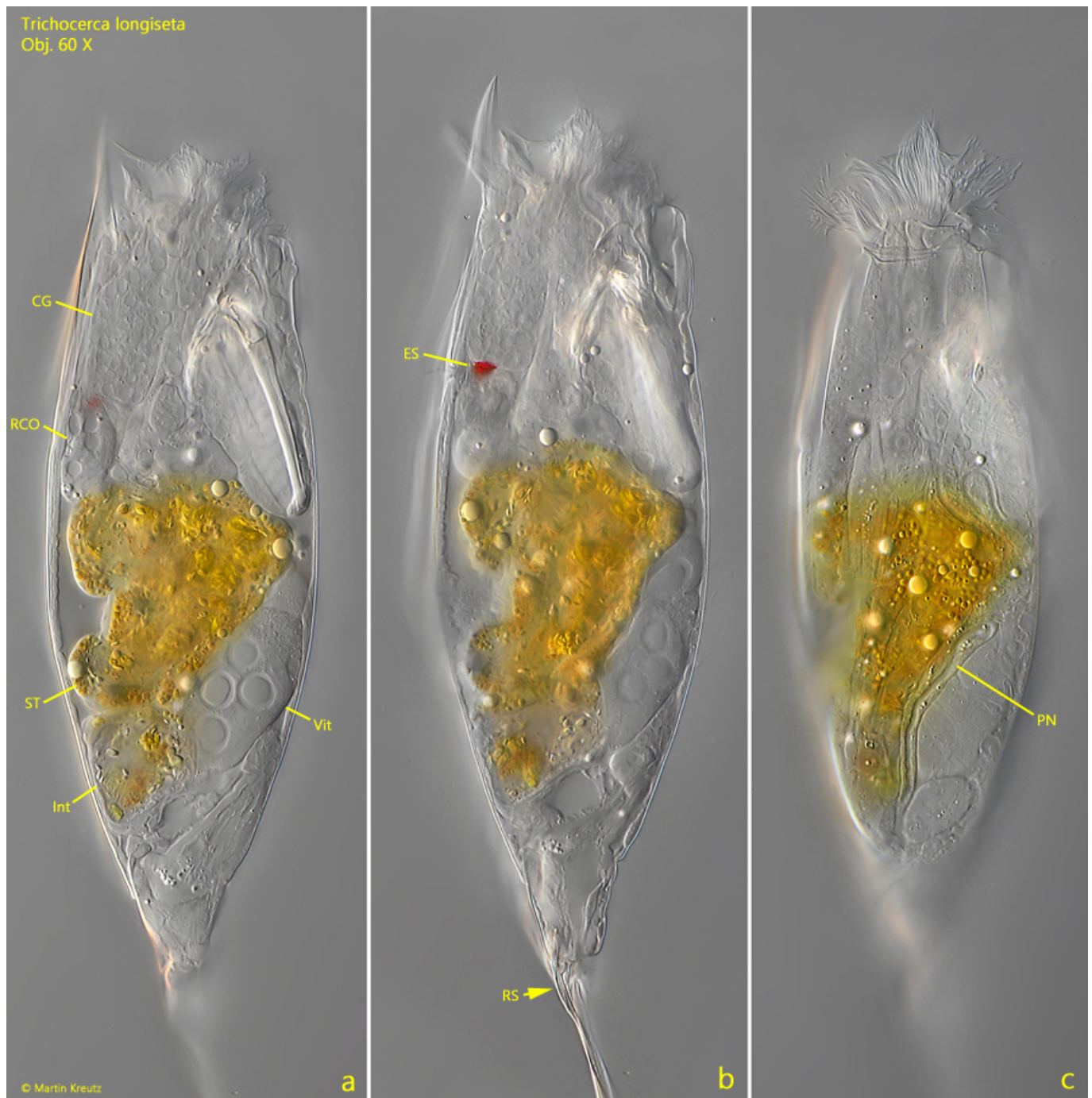


Fig. 2 a-c: *Proalinopsis caudatus*. L = 217 μ m. A freely gliding specimen from dorsal. Note the lateral antennae with the long setae. The body is covered with a mucilaginous sheath (MS), visible by interspersed bacteria. Obj. 40 X.

Trichocerca longiseta
Obj. 40 X



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Fig. 3 a-b: *Proalinopsis caudatus*. L = 217 μ m. The slightly squashed specimen shown in fig. 2 a-c. ES = eyespot, GG = gastric glands, Int = intestine, MS = mucilaginous sheath, ST = stomach, TO = toes, Vit = vitellarium. Obj. 40 X.



Fig. 4 a-b: *Proalinopsis caudatus*. L = 216 μ m. A transparent, slightly squashed specimen from ventral. Note the mucilaginous sheath (MS) with the interspersed bacteria. Obj. 60 X.

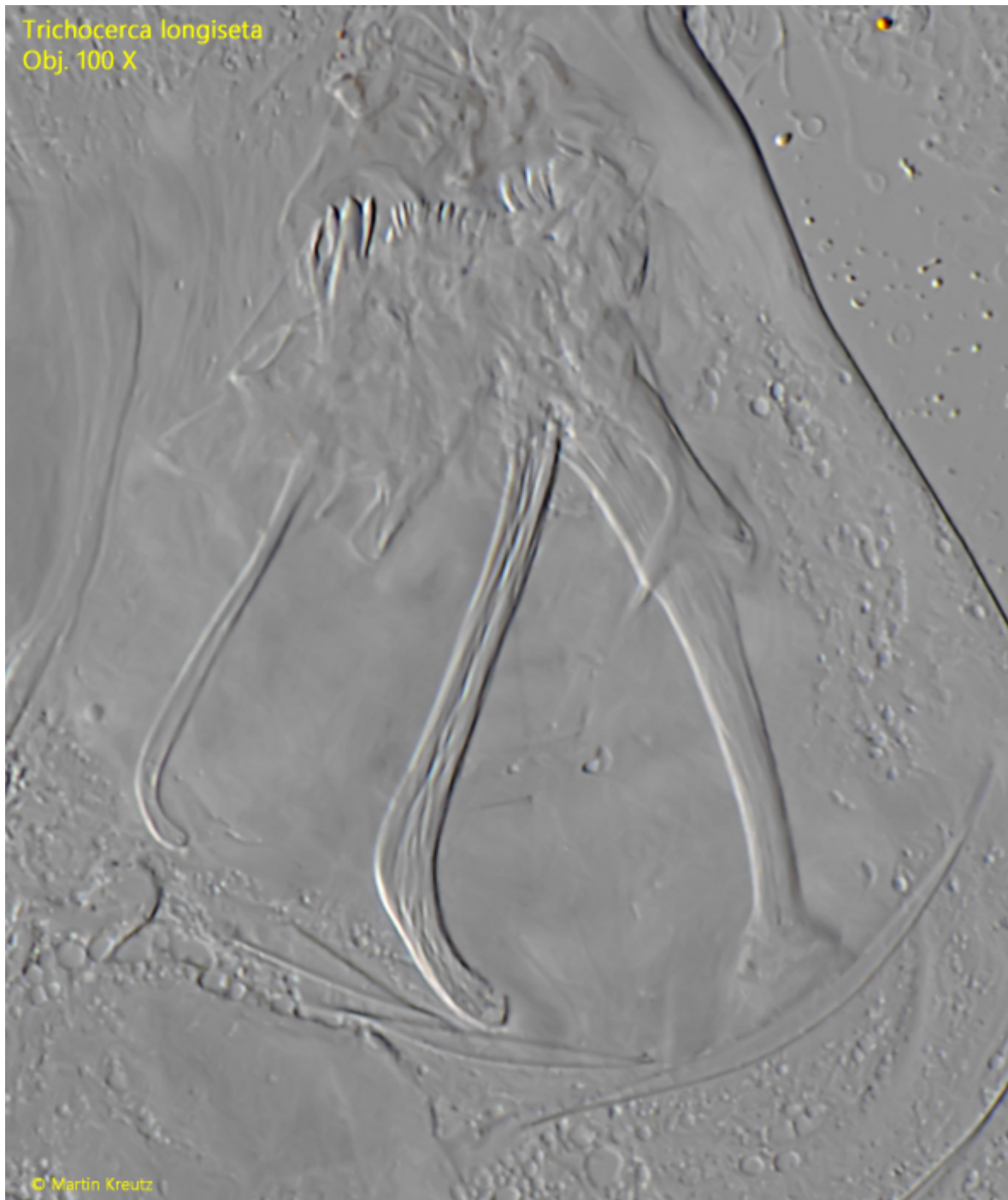


Fig. 5: *Proalinopsis caudatus*. L = 216 μm . Focal plane on the surface of the mucilagenous sheath with the interspersed bacteria (arrows). The bacteria are 2-4 μm long rods and arranged radially. Obj. 100 X.