Padaungiella lageniformis

(Penard, 1890) Lara & Todorov, 2012

Most likely ID: n.a.

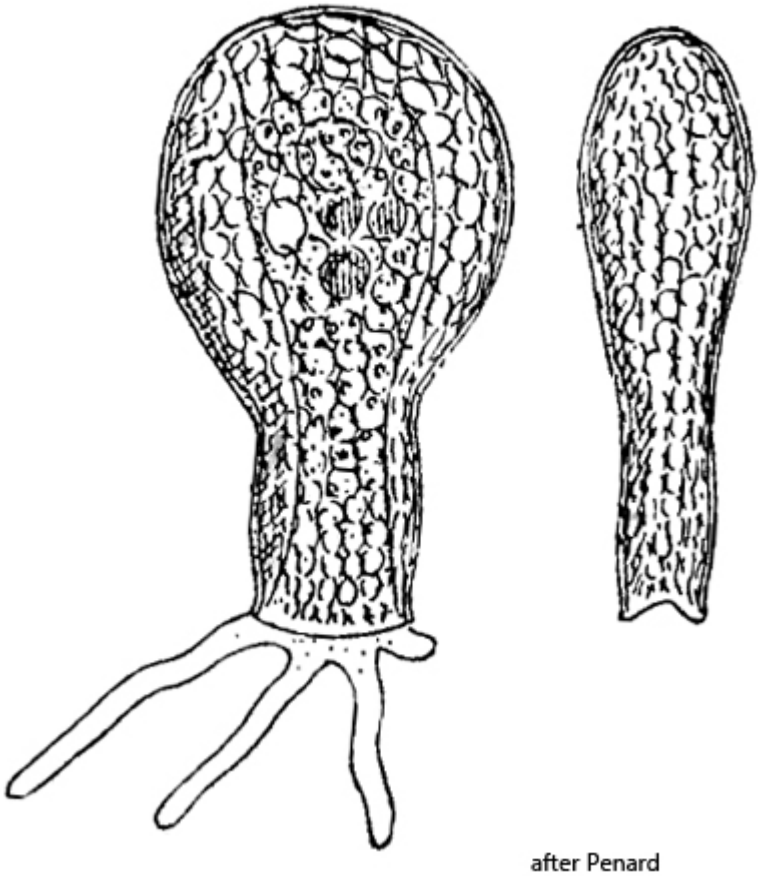
Synonym: *Nebela lageniformis*

Sampling location: Ulmisried

Phylogenetic tree: *Padaungiella lageniformis*

Diagnosis:

- test lageniform
- length 100–160 µm, width 60–90 µm
- posterior half of test circular or elliptical
- anterior half of test elongated neck
- test laterally compressed
- pseudostome ovoid
- test composed of circular or elliptical plates
- plates fixed in organic matrix



Padaungiella lageniformis

So far, I have found only one specimen of *Padaungiella lageniformis* in the Ulmisried in September 2016. Since the layer thickness under the coverslip was still large enough, I was able to rotate the specimen and thus document not only the frontal view (s. fig. 1 a and b) but also the flattened, lateral view (s. fig. 1 c and d). At 156 µm in length, the specimen is very large. However, *Padaungiella lageniformis* is known to exhibit high size variability (Kosakyan et al., 2025). The thickness of my specimen in lateral view was 47 µm.

More images and information on *Padaungiella lageniformis*: Ferry Siemensma-Microworld-*Padaungiella lageniformis*

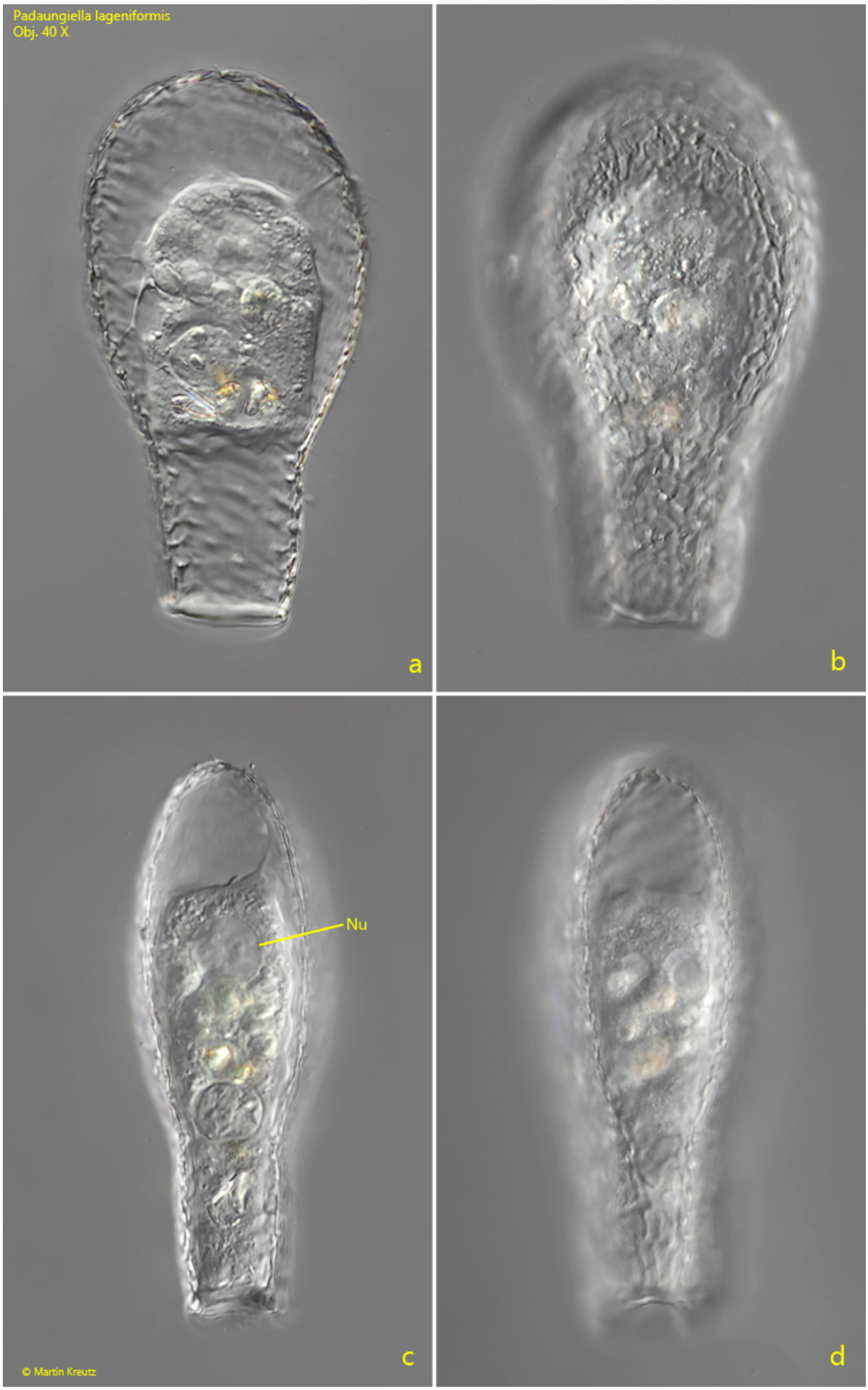

Padaungiella lageniformis
Obj. 40 X
a
b
Nu
c
© Martin Kreutz
d

Fig. 1 a-d: *Padaungiella lageniformis*. L = 156 µm. Different focal planes in frontal view (a, b) and in lateral view (c, d). Nu = nucleus. Obj. 40 X.