

***Testudinella incisa* Ternetz, 1892**

Most likely ID: n.a.

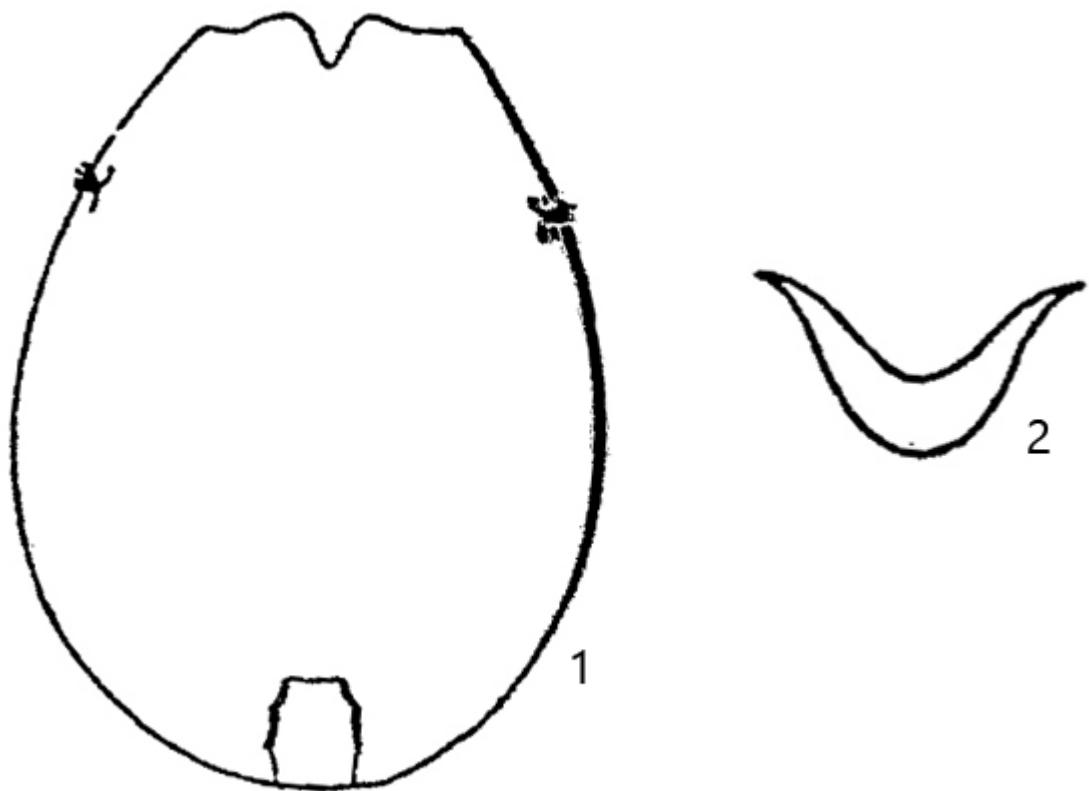
Synonym: *Testudinella naumanni*

Sampling location: [Simmelried](#)

Phylogenetic tree: [*Testudinella incisa*](#)

Diagnosis:

- lorica elliptical or ovoid, dorso-ventral flattened
- lorica in cross-section trough shaped, with two “wings”
- lorica transparent, length 100–110 µm
- anterior end of the lorica with V-shaped notch on ventral side
- foot opening ventral, at posterior end of lorica, almost rectangular
- foot annulated, retractile, distal end with cilia
- corona is a band of cilia
- two conspicuous retractor muscles
- two eyespots



1 = ventral, after Ternetz
2 = cross-section, after Ternetz

Testudinella incisa

I have found *Testudinella incisa* only 3 times since 1993. The last finding was in March 2016. All findings are from the [Simmelried](#). In my other finding areas I have not been able to detect the species so far.

Testudinella incisa
Obj. 40 X

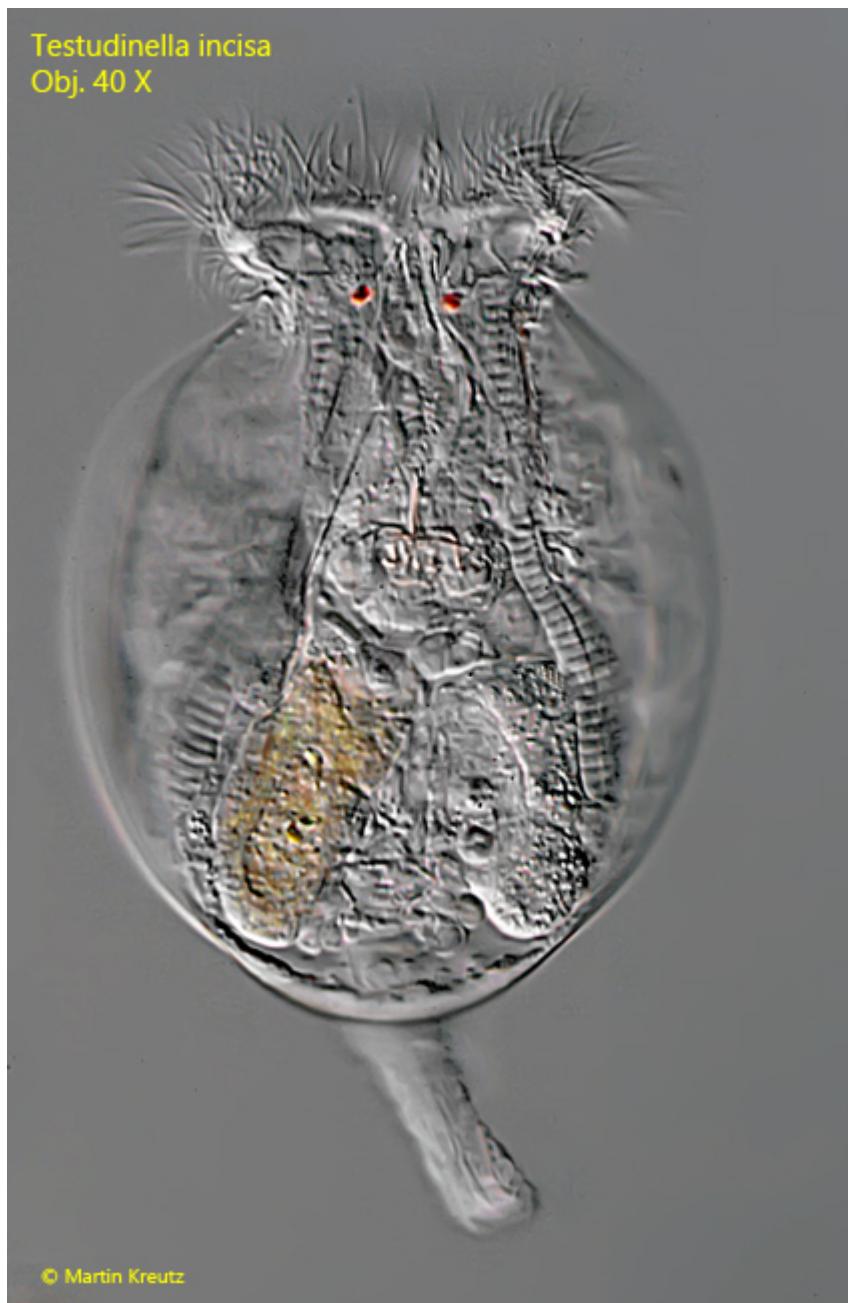


Fig. 1: *Testudinella incisa*. L = 110 μ m (the lorica). Dorsal view of a freely swimming specimen found in September 1996. Because of the trough shape of the lorica, the “wings” are not in the plane of focus. Obj. 40 X.

Testudinella incisa
Obj. 40 X



Fig. 2: *Testudinella incisa*. L = 110 µm (the lorica). Dorsal view of a second freely swimming specimen found in March 2016. Obj. 40 X.

Testudinella incisa
Obj. 40 X

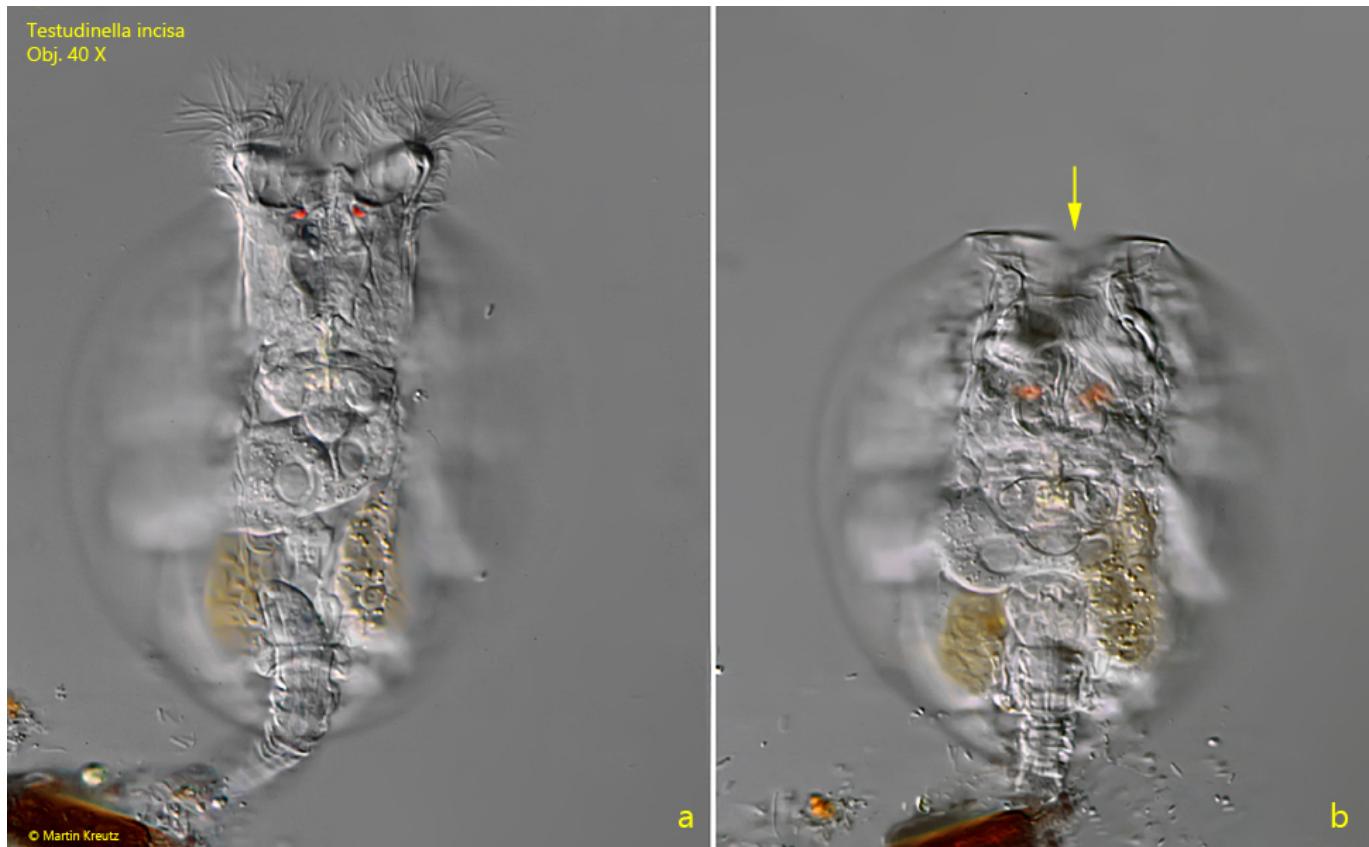


Fig. 3: *Testudinella incisa*. Ventral view of a fully extended (a) and contracted specimen (b) found in November 2004. The specimen is attached to a detritus flake with the foot. At the anterior end of the lorica a notch is visible (arrow). Obj. 40 X.

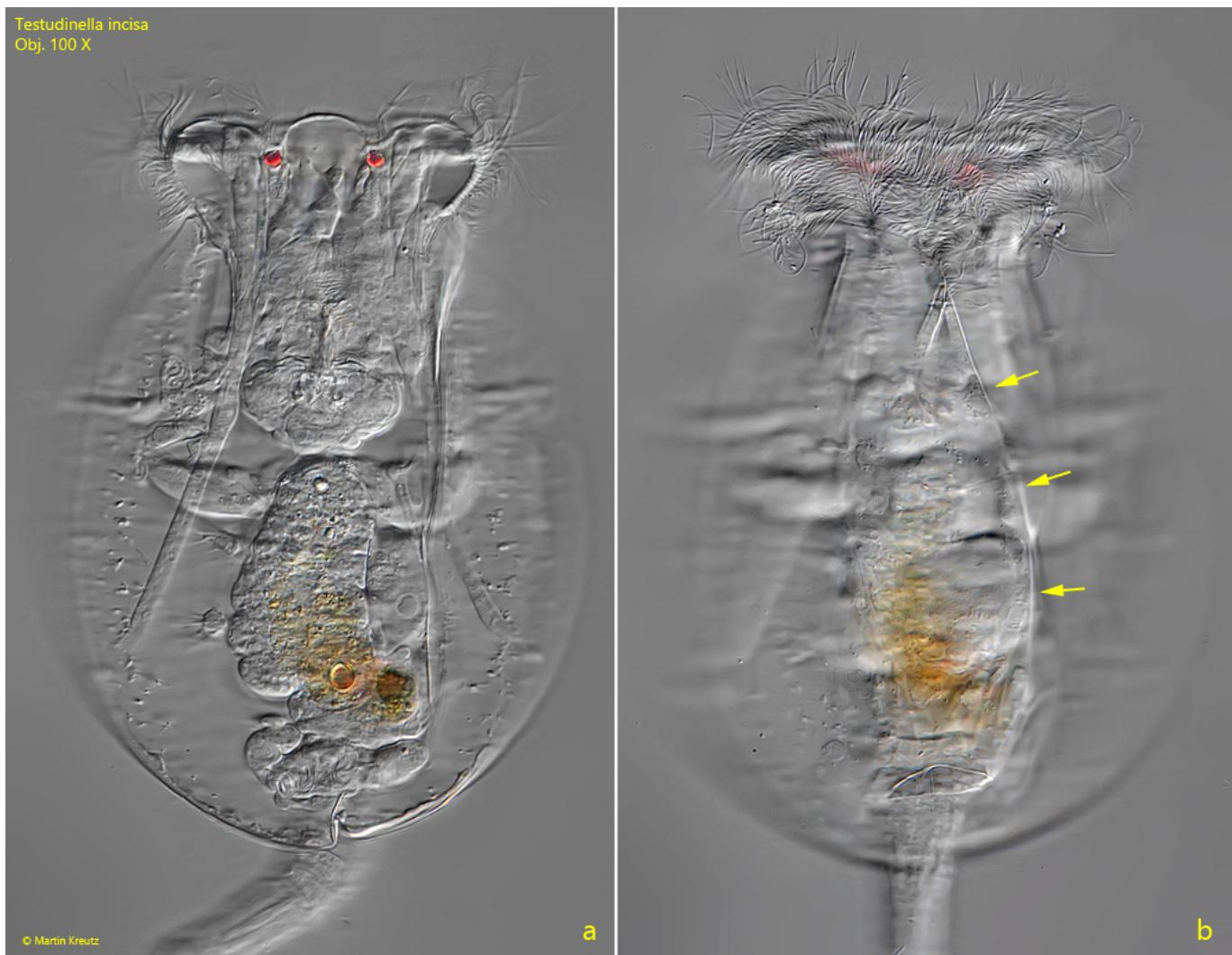


Fig. 4: *Testudinella incisa*. L = 115 μ m (the lorica). Dorsal view of an extended, slightly squashed specimen. The focus on the smooth surface of the lorica (b) shows a wrinkle (arrows), which was created by the trough shape of the lorica under coverslip pressure. Obj. 100 X.