

## ***Testudinella incisa* Ternetz, 1892**

**Most likely ID:** n.a.

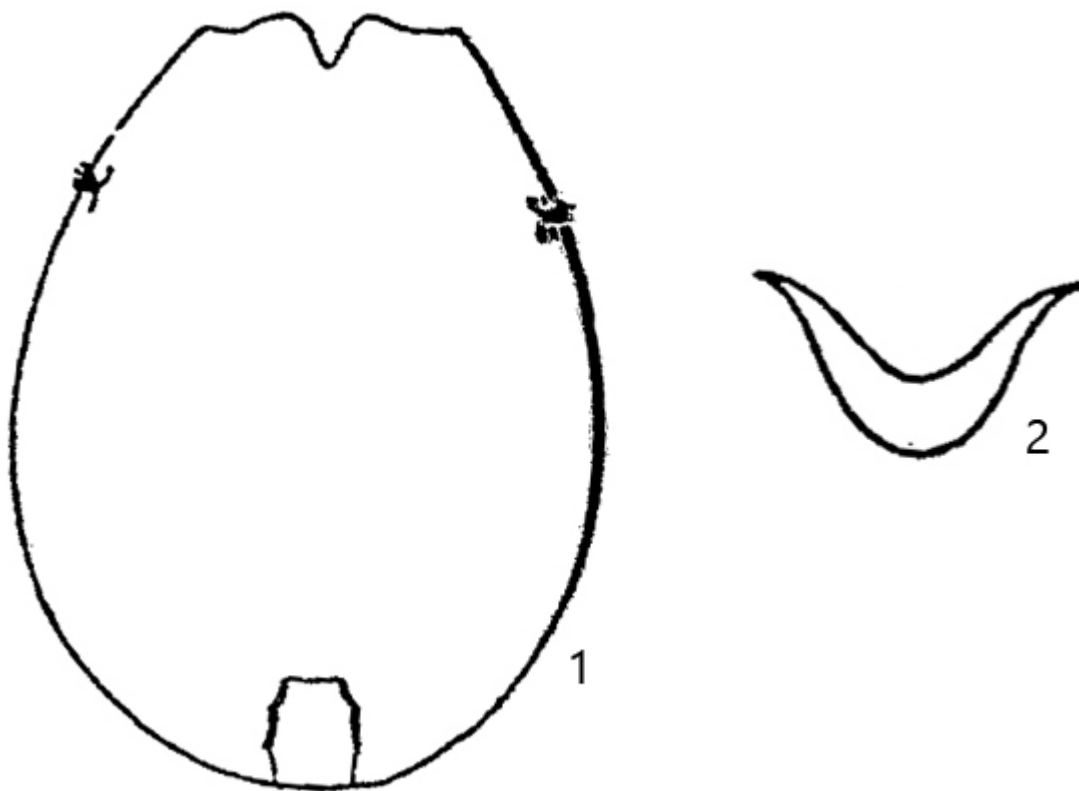
**Synonym:** *Testudinella naumanni*

**Sampling location:** [Simmelried](#)

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

### **Diagnosis:**

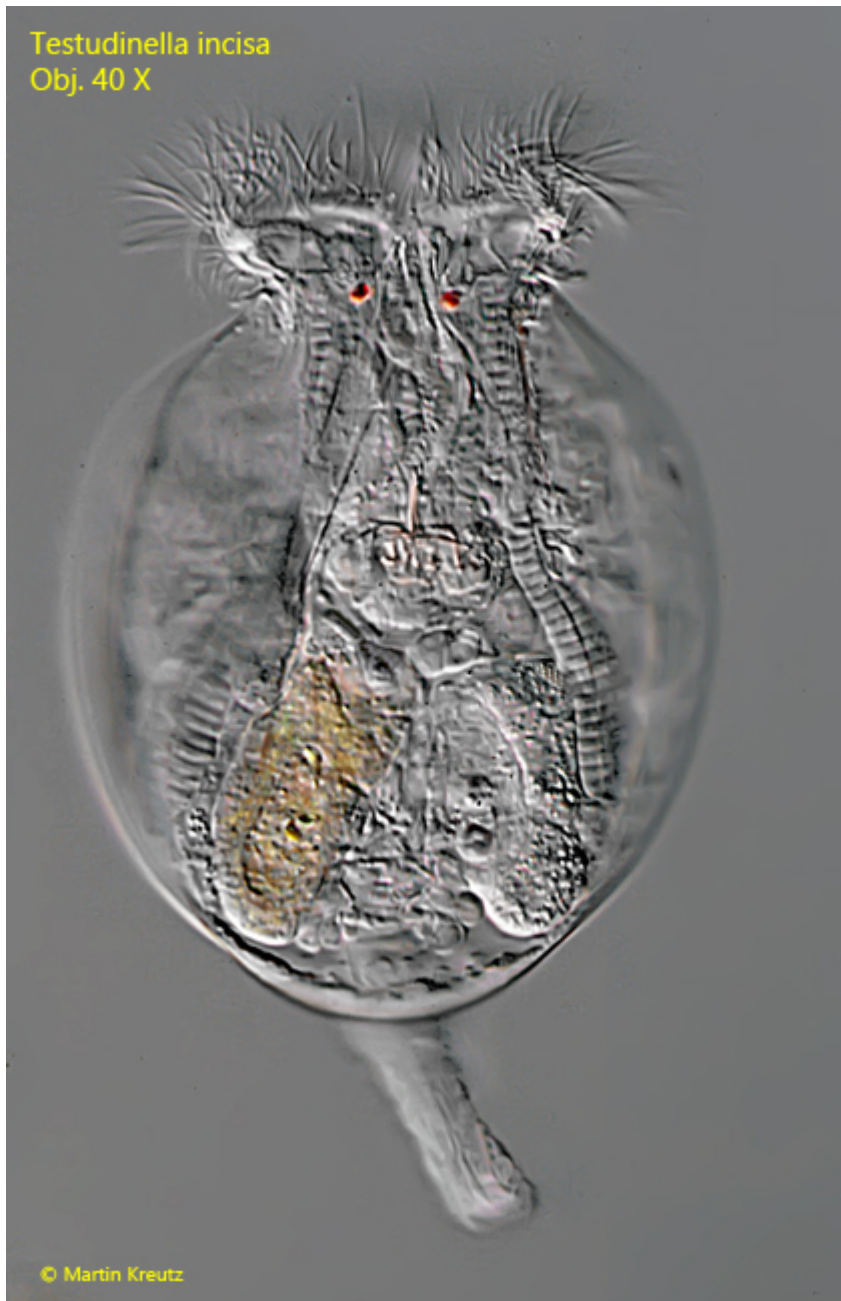
- lorica elliptical or ovoid, dorso-ventral flattened
- lorica in cross-section trough shaped, with two „wings“
- lorica transparent, length 100-110 µm
- anterior end of the lorica with V-shaped notch on ventral side
- foot opening ventral, at posterior end of lorica, almost rectangular
- foot annulated, 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

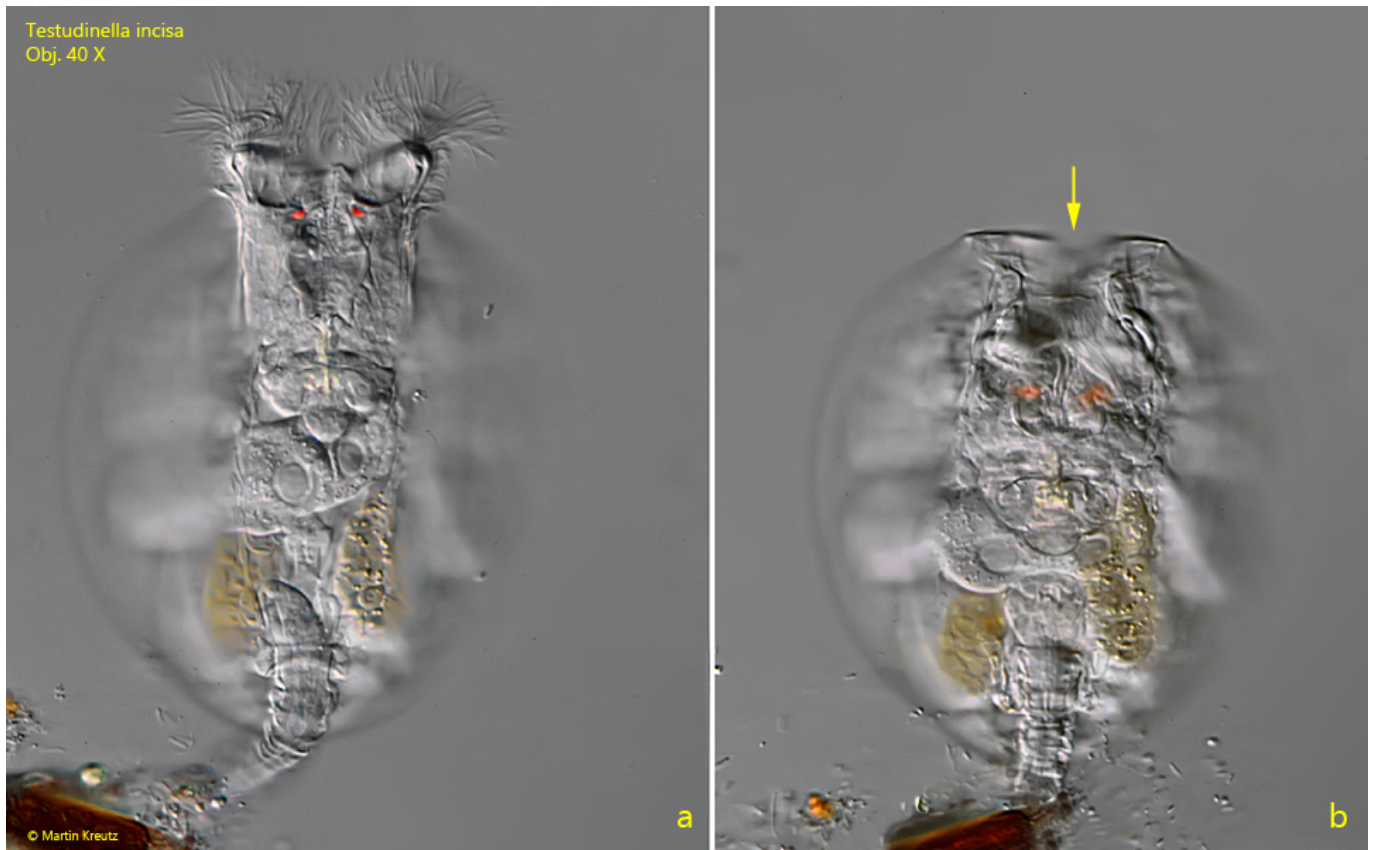
I have found *Testudinella incisa* only 3 times since 1993. The last finding was in March 2016. All findings are from the [Simmelried](#). In my other finding areas I have not been able to detect the species so far.



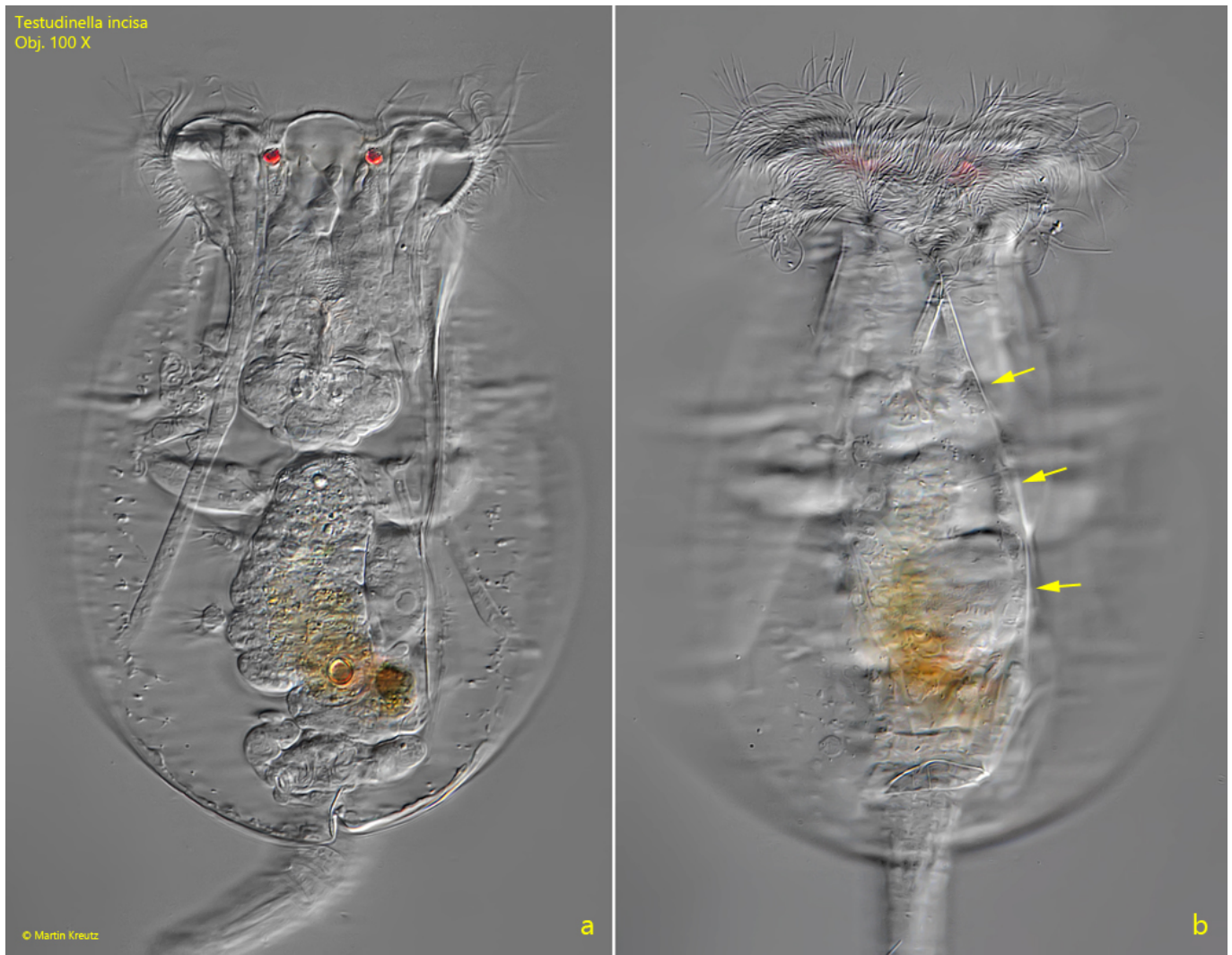
**Fig. 1:** *Testudinella incisa*. L = 110  $\mu$ m (the lorica). Dorsal view of a freely swimming specimen found in September 1996. Because of the trough shape of the lorica, the „wings“ are not in the plane of focus. Obj. 40 X.



**Fig. 2:** *Testudinella incisa*. L = 110  $\mu$ m (the lorica). Dorsal view of a second freely swimming specimen found in March 2016. 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  $\mu\text{m}$  (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.