

***Lepadella ovalis* (O. F. Müller, 1786)**

Most likely ID: n.a.

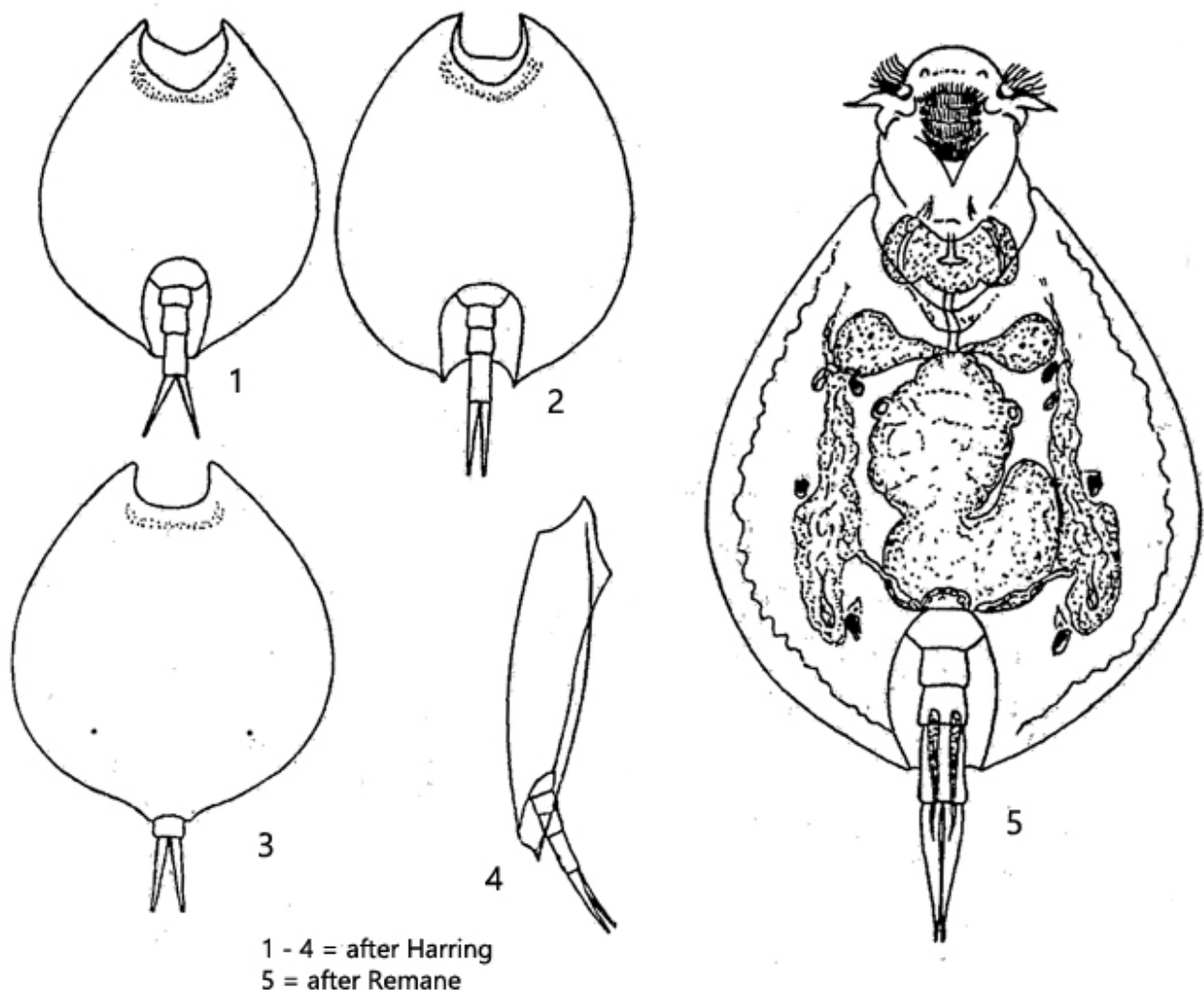
Synonym: n. a.

Sampling location: [Ulmisried](#), [Purren pond](#), [Mainau pond](#), [Simmelried](#)

Phylogenetic tree: [Lepadella ovalis](#)

Diagnosis:

- lorica subcircular to ovate, dorso-ventrally compressed
- length of lorica 93-153 µm, width 94-100 µm
- dorsal side slightly convex, ventral side flat
- dorsal sinus U-shaped, ventral sinus subrhomboid
- lorica transparent with a distinct hyaline fringe on the inside
- small opening for the head
- foot groove is parallel-sided, edges of the groove project below the surface of the ventral plate
- three foot segments, toes pointed



Lepadella ovalis

Lepadella ovalis is very common in my sites throughout the year. This rotifer can be found mostly in floating plant masses. *Lepadella ovalis* can be recognized quite well by the hyaline fringe on the inner side of the lorica (s. figs. 1 and 3). The specimens shown here were found in [Simmelried](#) in September 1995 (fig. 1) and in January 1999 (fig. 2) and March 2023 (fig. 3).

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

Lepadella ovalis
Obj. 40 X



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Fig. 1: *Lepadella ovalis*. L = 136 μm (of the lorica). Ventral view of a slightly squashed specimen with a fully extended foot. HF = hyaline fringe. Obj. 40 X.

Fig. 2: *Lepadella ovalis*. L = 145 μm (of the lorica). Ventral view of a second slightly squashed specimen with a fully extended foot. Obj. 40 X.

Lepadella ovalis
Obj. 60 X



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Fig. 3: *Lepadella ovalis*. L = 154 μ m (of the lorica). Ventral view of a slightly squashed specimen with a fully extended foot. HF = hyaline fringe. Obj. 60 X.



Fig. 4: *Lepadella ovalis*. L = 125 μ m (of the lorica). Ventral view of a slightly squashed specimen with a fully extended foot. Note the granulated fringe of the ventral sinus (arrow). Obj. 60 X.

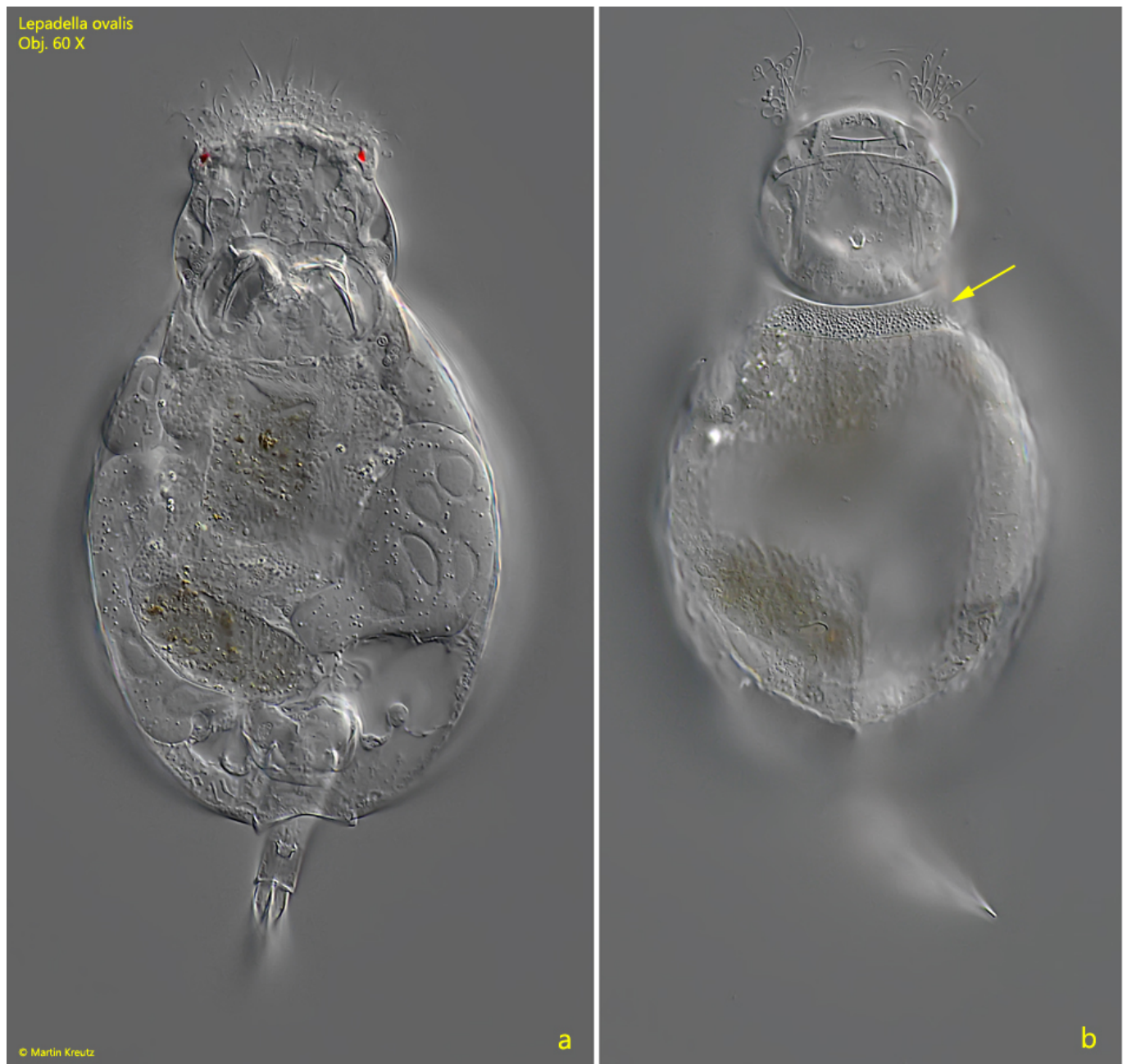


Fig. 5 a-b: *Lepadella ovalis*. L = 125 μ m (of the lorica). Two focal planes of a dorsal view. Note the granulated fringe of the dorsal sinus (arrow, 5b). Obj. 60 X.