

***Lecane quadridentata* Ehrenberg, 1830**

Most likely ID: n.a.

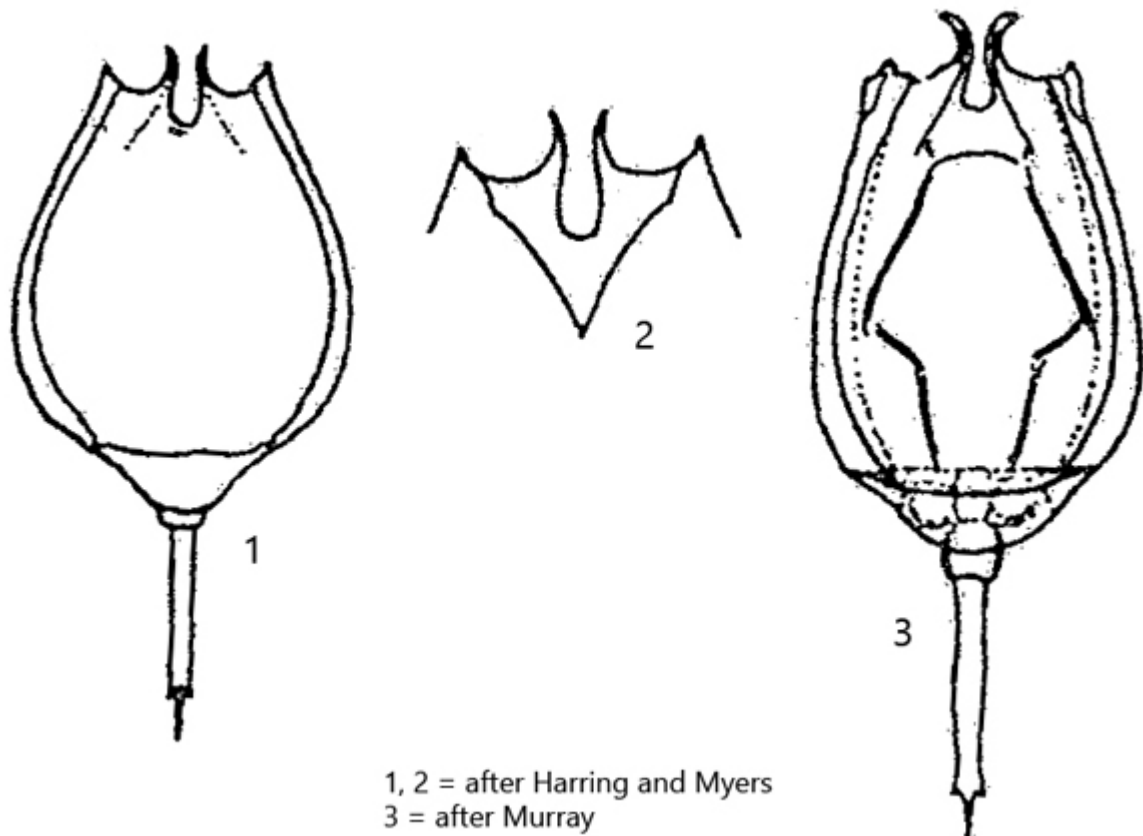
Synonym: *Monostyla quadridentata*

Sampling location: Wollmatinger Ried, [Simmelried](#)

Phylogenetic tree: [Lecane quadridentata](#)

Diagnosis:

- lorica broadly ovate
- length 200 – 270 µm (incl. foot and toes)
- two long and curved spines at anterior end of lorica flanked by two short spines
- ventral margin V-shaped sinus
- brownish or yellow-brown colored
- posterior margin rounded
- foot with two segments, only one segment extends beyond lorica
- single fused toe slender, parallel-sided, with faint annular constrictions
- pointed claws with basal spines



Lecane quadridentata

I have been able to detect *Lecane quadridentata* in my sampling locations only twice. The first time in July 1996 in [Simmelried](#) (s. fig. 1) and the second time 5 years later in May 2001 in the Wollmatinger Ried (s. fig. 2). After that I have not found the species in any of my finding areas again. Unfortunately I took only one image with the 20 X objective at each finding. The species is very distinctive due to the two prominent curved spines at the front edge of the lorica. In addition *Lecane quadridentata* is colored conspicuously brownish.

More images and information of *Lecane quadridentata*: [Michael Plewka-Freshwater life-Lecane quadridentata](#)

Lecane quadridentata
Obj. 20 X

AS
LS LS



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Fig. 1: *Lecane quadridentata*. $L = 291\ \mu\text{m}$ (with foot and toes). Ventral view of the specimen found in July 1996 in the [Simmelried](#). Note the curved spines at the anterior end (AS) flanked by two smaller lateral spines (LS). Obj. 20 X.

Fig. 2: *Lecane quadridentata*. $L = 283\ \mu\text{m}$ (with foot and toes). Ventral view of the specimen found in Mai 2001 in the Wollmatinger Ried. BS (arrow) = basal spines of claws, CL = claws, FT = foot, TO = toes. Obj. 20 X.