

Tetmemorus brebissonii

(Ralfs ex Ralfs, 1848)

Most likely ID: n.a.

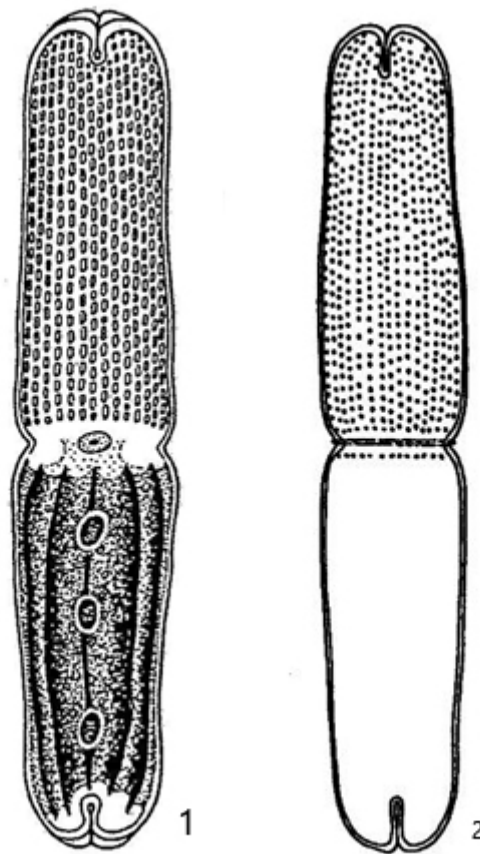
Synonym: n.a.

Sampling location: Postalm (Austria), Sima Moor (Austria)

Phylogenetic tree: [Tetmemorus brebissonii](#)

Diagnosis:

- cells almost cylindrical
- lateral margins slightly concave
- length (95)-100-240-(264) μm
- apices with a deep notch
- cell wall with longitudinal rows of pores
- one stelloid chloroplast per semi-cell with 5-6 longitudinal ribs
- 2-5 pyrenoids per chloroplast



1 = after Förster
2 = after Williamson

Tetmemorus brebissonii

I found *Tetmemorus brebissonii* in May 1997 in a pond on the Postalm (Austria) and again in July 1997 in the Sima Moor (Austria).

The cells of the genus *Tetmemorus* have a characteristic notch at the apices (s. fig. 1 a). The half-cells of *Tetmemorus brebissonii* are almost cylindrical with broadly rounded apices. In addition, longitudinal rows of pores covering the cell wall (s. fig. 1 b). In the smaller species *Tetmemorus laevis* these pores are absent and the cells are elongated oval.

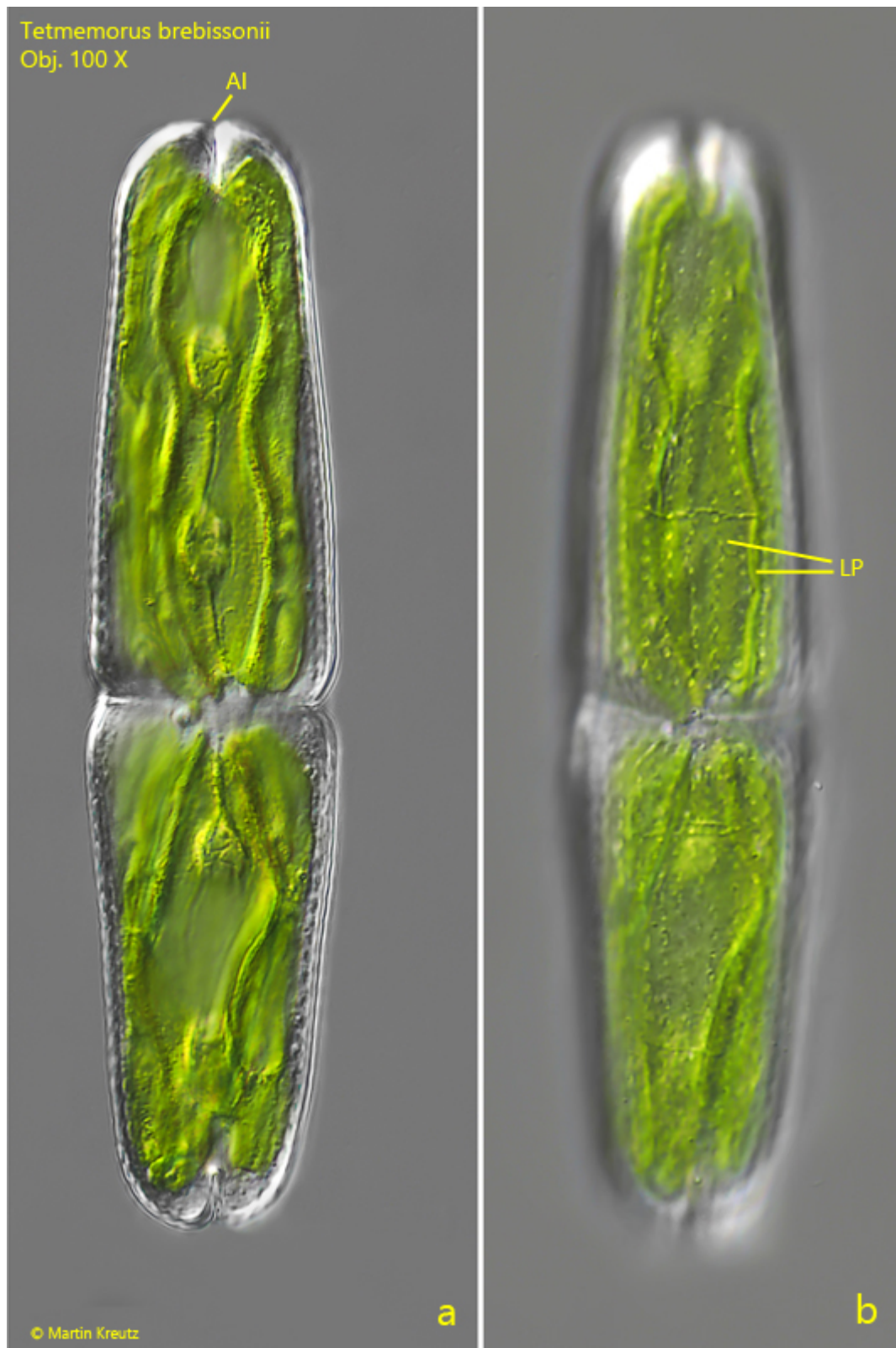


Fig. 1 a-b: *Tetmemorus brebissonii*. L = 116 μ m. Two focal planes of a specimen found in July 2017 in the Sima Moor (Austria). Note the apical invaginations (AI) and the longitudinal rows of pores (LP) covering the cell wall. Obj. 100 X.