Staurastrum muticum var. muticum

Ralfs, 1848

Most likely ID: n.a.

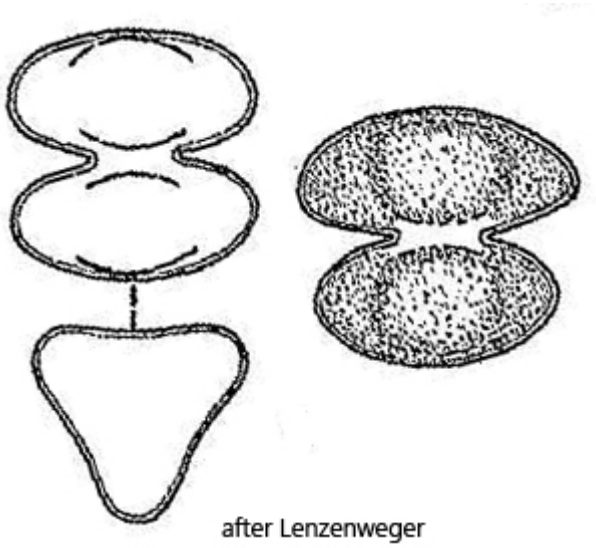
Synonym: n.a.

Sampling location: Schwemm Moor (Austria)

Phylogenetic tree: *Staurastrum muticum* var. *muticum*

Diagnosis:

- cells 3-radiate, about as long as wide
- semi-cells oval, apices convex
- length 20–31 µm, width 20–33 µm
- sinus deep, widened outward
- cell wall with finely granulated



Staurastrum muticum var. muticum

So far, I have only found *Staurastrum muticum* var. *muticum* in the Schwemm Moor in Austria. The species is small and inconspicuous. It has no spines or conspicuous granules. The semi-cells are approximately oval and the sinus is widely open. In apical view, the cell is 3-radiate with slightly concave indentations. At 21 µm in

length, the specimen shown below is at the lower end of the range of 20-31 µm given by Lenzenweger (1997).

The similar species S*taurastrum bieneanum* var. *bieneanum* is somewhat larger, with a length of 30–32 µm, and the semi-cells have sharper lateral angles, resulting in a shape similar to a rugby ball.

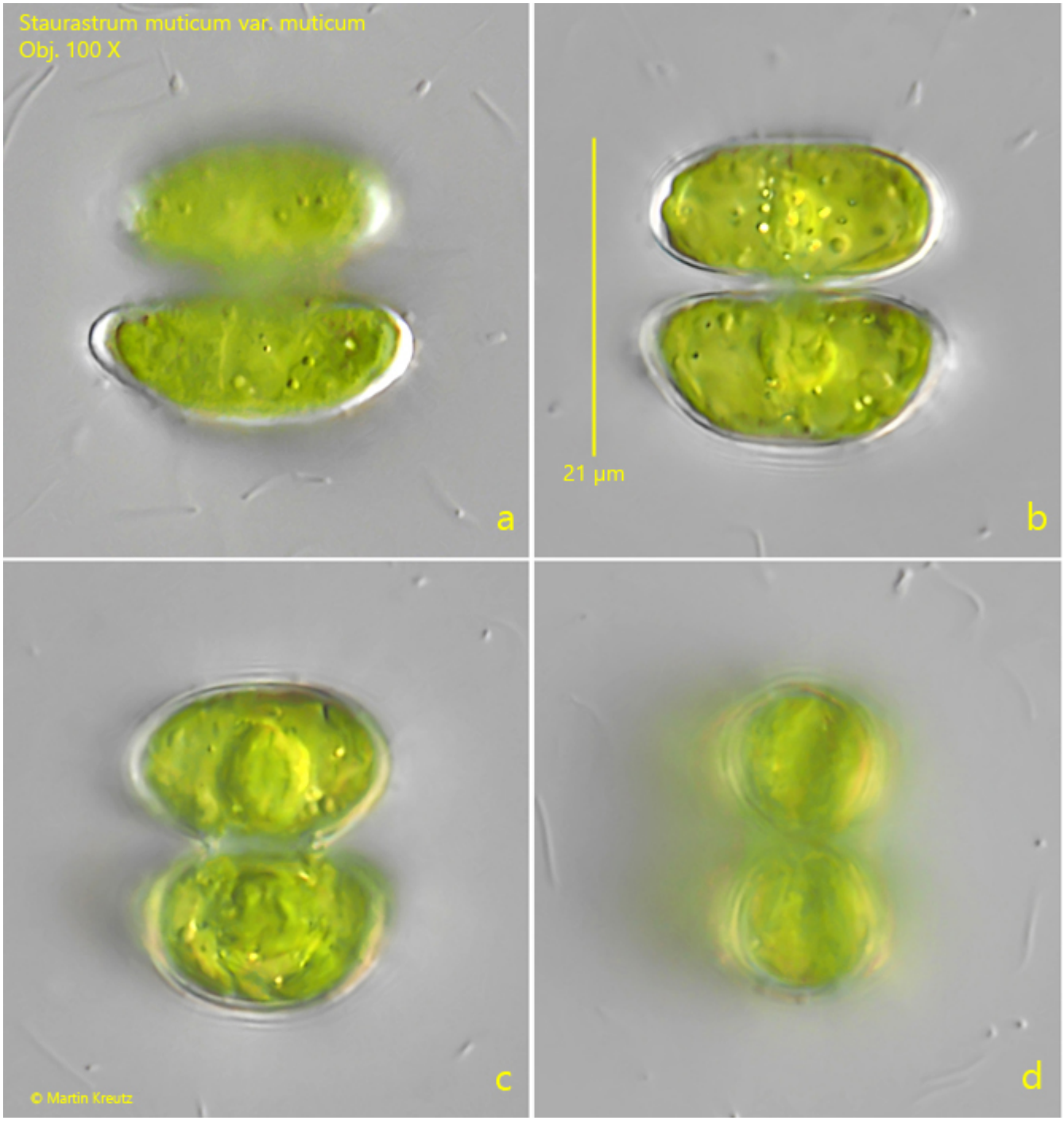


Fig. 1 a-d: *Staurastrum muticum* var. *muticum*. L = 21 µm. Four different focal planes of a specimen found in the Schwemm Moor. Obj. 100 X.