

***Micrasterias jenneri* Ralfs, 1848**

Most likely ID: n.a.

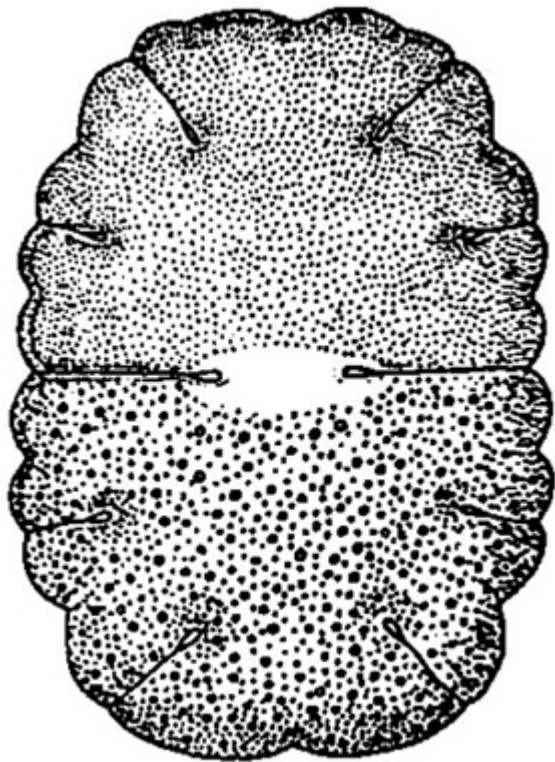
Synonym: n.a.

Sampling location: [Schwemm Moor \(Austria\)](#)

Phylogenetic tree: [Micrasterias jenneri](#)

Diagnosis:

- body rounded, almost rectangular
- length 150-180 µm, width 100-130 µm
- linear deep sinus
- semi-cells 5 lobed
- incisions of lobes are moderately deep
- polar lobe convex with notch-shaped incision
- cell surface with fine pores



after Lenzenweger

Micrasterias jenneri

I have only found *Micrasterias jenneri* once before in 2004 in the Schwemm Moor in Austria. The Schwemm Moor is located near the Walchsee. The find is interesting because Lenzenweger (1996) writes: “from Austria there is so far only a single, rather dubious record from a waterhole on the Tauernhöhe at 1700m (Bock, 1960)”. It may therefore be a lucky chance find of this rare desmid alga.

The shape of *Micrasteria jenneri* is somewhat reminiscent of [*Micrasterias denticulata*](#). However, the latter species is considerably larger, is slightly waisted and above all has more lobes, which are cut twice by incisions. In *Micrasterias jenneri*, each lobe is only moderately incised once. The shape is therefore much simpler.

The few specimens I found were between 150–160 µm long. All specimens were densely filled with starch grains, making the pyrenoids unrecognizable.

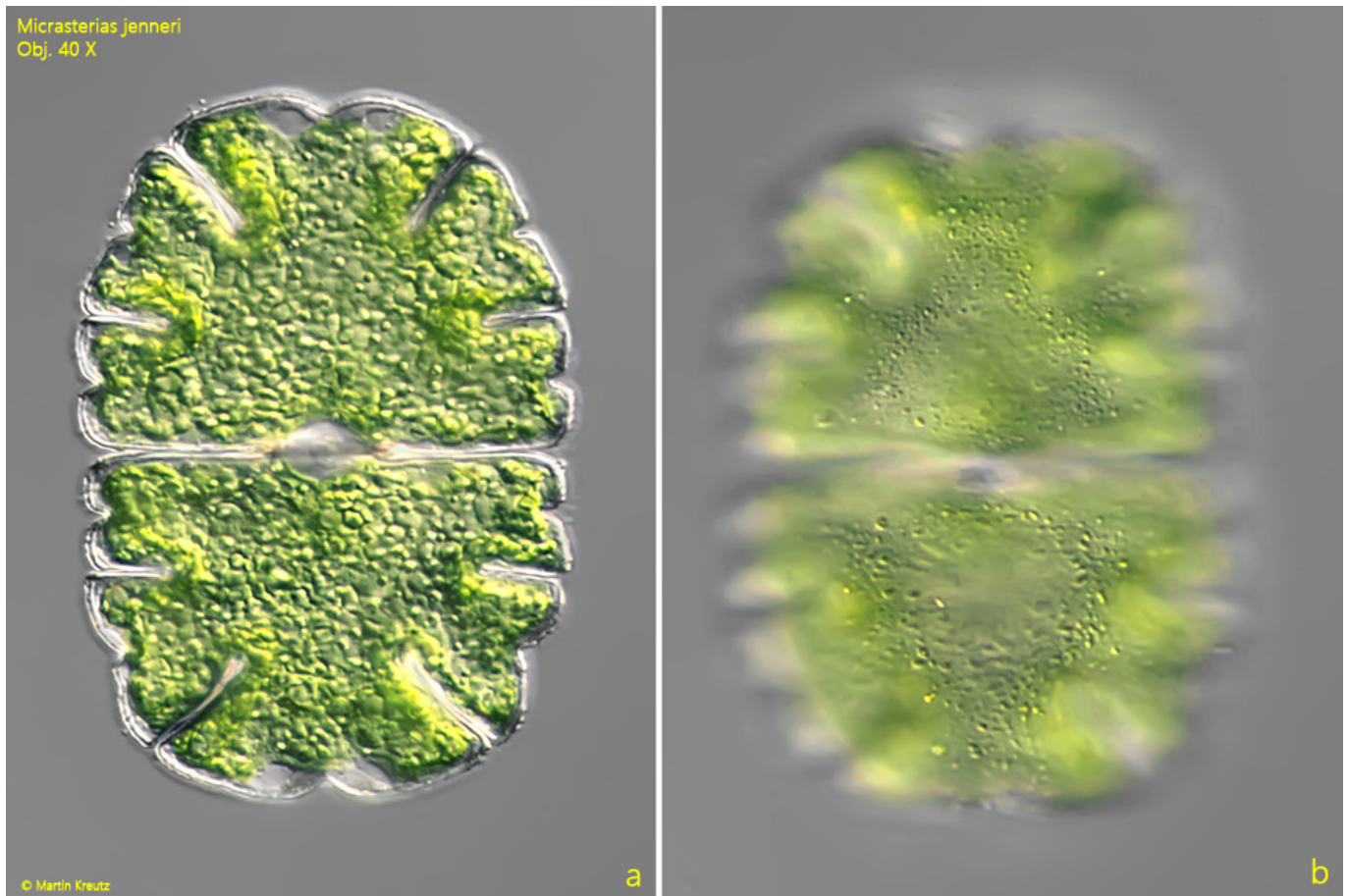


Fig. 1 a-b: *Micrasterias jenneri*. L = 152 μm . Two focal planes of a specimen found in the Schwemm Moor 2004. Obj. 40 X.



Fig. 2: *Micrasterias jenneri*. A part of the specimen as shown in fig. 1 a-b in detail. Obj. 100 X.

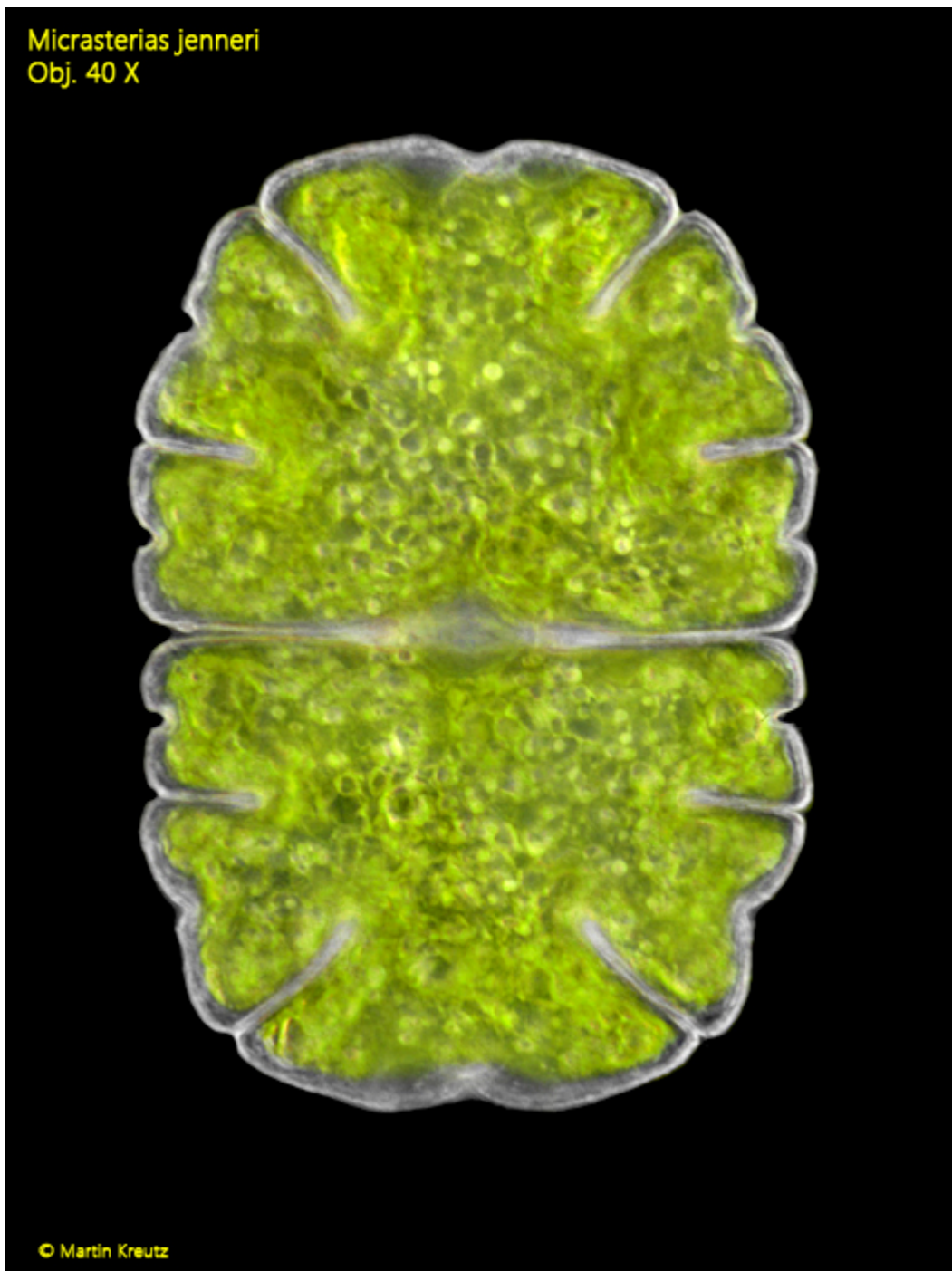


Fig. 3: *Micrasterias jenneri*. A specimen in darkfield illumination. Obj. 40 X.