

***Netrium oblongum***

**(De Bary) Lütkemüller, 1902**

**Most likely ID:** n.a.

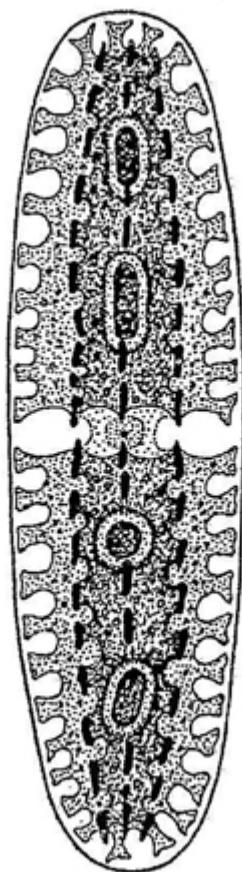
**Synonym:** n.a.

**Sampling location:** [Sima Moor \(Austria\)](#)

**Phylogenetic tree:** [Netrium oblongum](#)

**Diagnosis:**

- cells elongate ellipsoidal with rounded apices
- length 90–155  $\mu\mu$ , width 32–44  $\mu\mu$
- 2 chloroplasts with up to 8 ridges
- ridges of chloroplasts moderately dissected
- 1–3 spherical or elongate pyrenoids per chloroplast



after Förster

### Netrium oblongum

I have only found *Netrium oblongum* in the [Sima Moor](#) in Austria. The specimens in my population were 100–110 µm long and mostly contained 2 pyrenoids per chloroplast.

*Netrium oblongum* differs from the similar species *Netrium digitus* in the size, cell shape and form of the chloroplasts. *Netrium digitus* is considerably longer (90–430 µm) and the cells become narrower towards the ends and are therefore almost spindle-shaped. The apices are often truncated or broadly rounded. The chloroplasts of *Netrium digitus* is more strongly dissected. The resulting lobes are often notched.

*Netrium oblongum*  
Obj. 100 X



a



b

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**Fig. 1 a-b:** *Netrium oblongum*. L = 103 µm. Two focal planes of a slightly squashed specimen. Note the dissected ridges of the chloroplasts (DC). PY = pyrenoids. Obj. 100 X.

*Netrium oblongum*  
Obj. 100 X



a



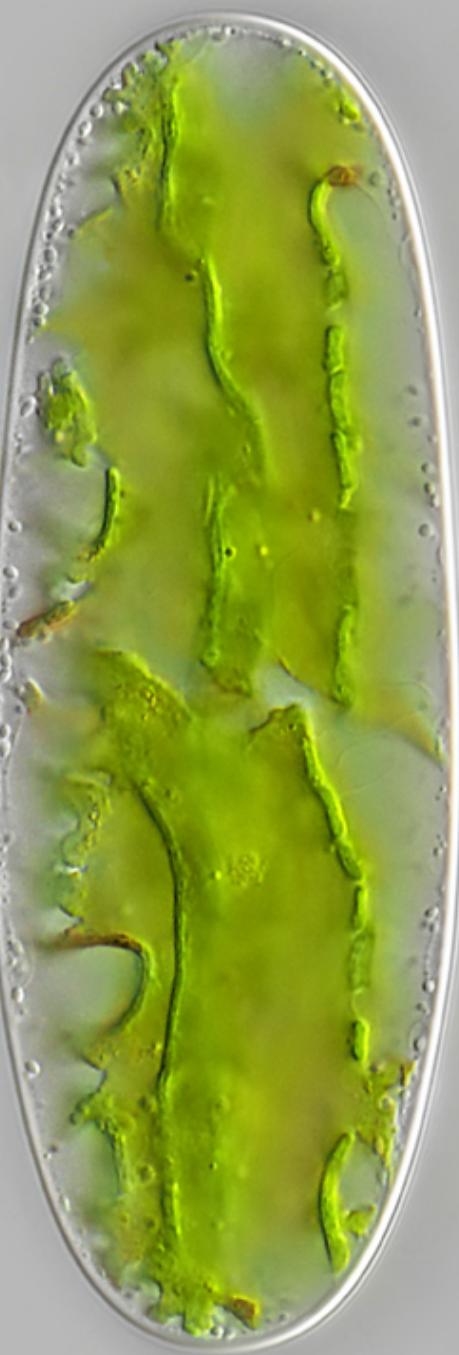
b

**Fig. 2 a-b:** *Netrium oblongum*. L = 103 µm. The same specimen as shown in fig. 1 a-b in brightfield illumination. Obj. 100 X.

Netrium oblongum  
Obj. 100 X



a



b

**Fig. 3 a-b:** *Netrium oblongum*. L = 108 µm. Two focal planes of a second specimen.  
Obj. 100 X.