



Operator	Józef Wiktor
Objective	60x
Type/Technique	Inverted microscope
Fixative	Lugol

Navicula vanhoeffenii

Kingdom	Chromista
Phylum	Bacillariophyta
Class	Bacillariophyceae
Order	Naviculales
Family	Naviculaceae
Genus	Navicula
Species	vanhoeffenii
Authority	Gran 1897

Description

Cells are boat-shaped with a central raphe and central nodulus dividing the raphe into two parts. The cells are colonial and occur as stacks with valves facing each other, but not attaching closely.

Two plate-like chloroplasts each with a pyrenoid.

Size; 13-65 μm long (apical axis), 4-5 μm wide (transapical axis).

Distribution; Arctic and northern Norway

References

Gran, H.H. (1897). Protophyta: Diatomaceae, Silicoflagellata und Cilioflagellata. *Den Norske Nordhavs Exped. 1876-1878* 24: 1-36

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