



<b>Operator</b>	Luka Supraha
<b>Objective</b>	40x
<b>Type/Technique</b>	Light microscopy
<b>Fixative</b>	None (live cell)

## *Pseudo-nitzschia turgidula*

<b>Kingdom</b>	Chromista
<b>Phylum</b>	Bacillariophyta
<b>Class</b>	Bacillariophyceae
<b>Order</b>	Bacillariales
<b>Family</b>	Bacillariaceae
<b>Genus</b>	Pseudo-nitzschia
<b>Species</b>	turgidula
<b>Authority</b>	(Hustedt) Hasle, 1965

### Description

Basionym: *Nitzschia turgidula* Hustedt

Long narrow cells in stepped colonies or solitary. Valva linear, expanding towards the middle, with rounded apices. Cells slightly convex and ends truncate in girdle view. Raphe keel eccentric. Central nodulus present. Interstria with two rows of poroids (areolae).

### Morphometrics

Apical axis: 30-80  $\mu\text{m}$ , transapical axis: 2.5-3.5  $\mu\text{m}$ , 23-28 stria in 10  $\mu\text{m}$ , 13-18 fibulae in 10  $\mu\text{m}$ .

**Distribution**

Arctic and Antarctic

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