

# Diatom Flora of the Low Countries

## *Eunotia incisa* Gregory 1854

Basionym : *Eunotia incisa* Gregory 1854

### **Morphology**

Valves with straight to concave ventral margins. Dorsal margins convex, curving continually from proximal parts to the acutely rounded nose-like apices. Terminal raphe nodules distinctly removed from the ends. Terminal raphe ends lying in the mantle forming notches in the valve, not ascending to the valve face.

Frustules in girdle view rectilinear to quadratic, often trapeziform or parallelogram.

### **Morphometrics**

Source	Length (µm)	Width (µm)	Striae (in 10 µm)	Areolae (in 10 µm)
Own data (n=30)	23–29.5	3.5–5.1	15.5–21.5	
Krammer & Lange-Bertalot (1991)	13–50 (65)	(2)4–6(8)	(9)12–17(20)	
Lange-Bertalot et al. (2011)	10–ca. 56	3–7	16–22	
Lange-Bertalot et al. (2017)	10–56	3–7	16–22	40–45

### **Related species** (optional)

*E. boreoalpina* Lange-Bertalot & Nörpel-Schempp (wider spaced striae; drawn-out poles); *E. rhomboidea* Hustedt (less rectangular in girdle view; less nose-like apices); *E. incisadistans* Lange-Bertalot & Sienkiewics (wider spaced striae)

### **Distribution**

Frequent in Central Europe, often very abundant.

### **Ecology**

Electrolyt poor, oligotrophic to dystrophic fresh water habitats

### **Ecological values**

Indicator values (Van Dam et al. 1994)

R	H	N	O	S	T	M
2	1	1	1	1	1	2

IPS

IPS-V	IPS-I
5.0	1.0

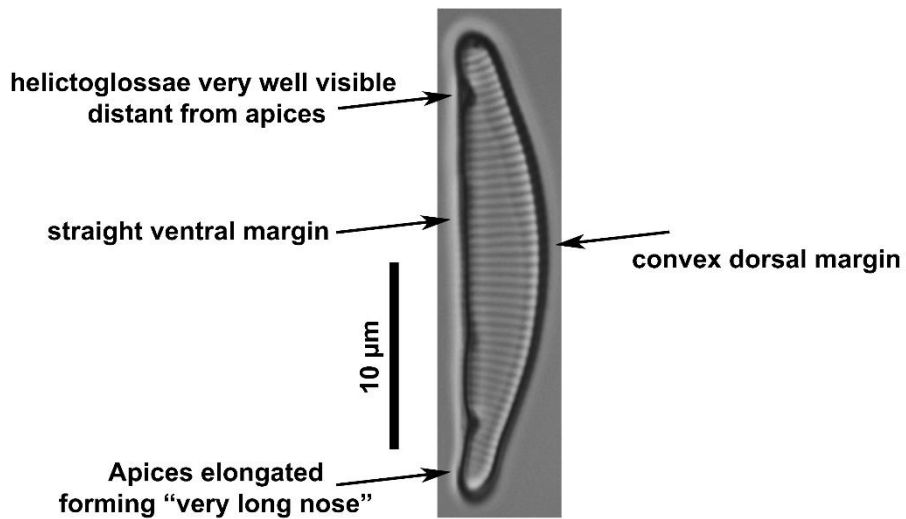
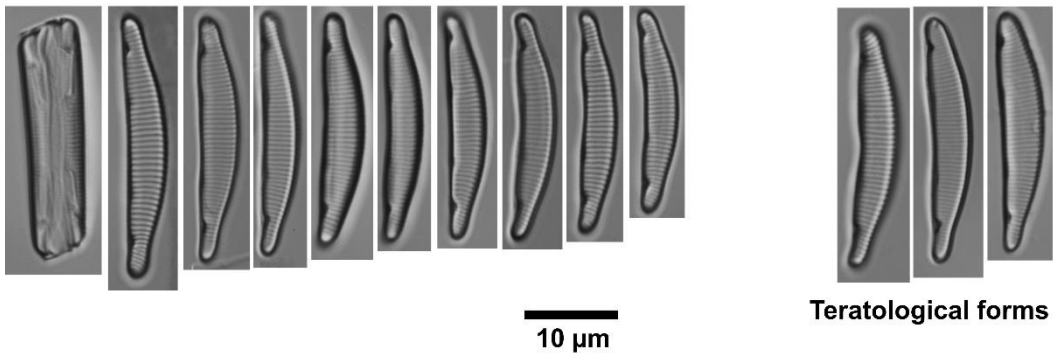
TDI

TI-V	TI-S
2	3

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## Remarks

Zeesserven, Ommen (NI)  
23/5/2017



## References:

Lange-Bertalot *et al.* (2011) *Diatoms of Europe* 6 p. 120, figs p. 336

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