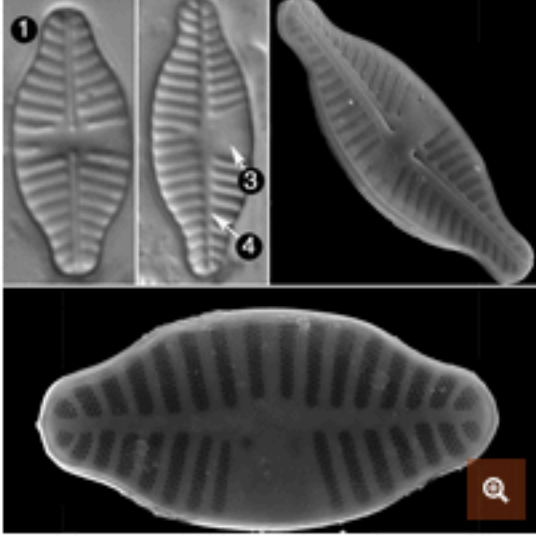


Planothidium dubium

(Grunow) Round and Bukht. 1996



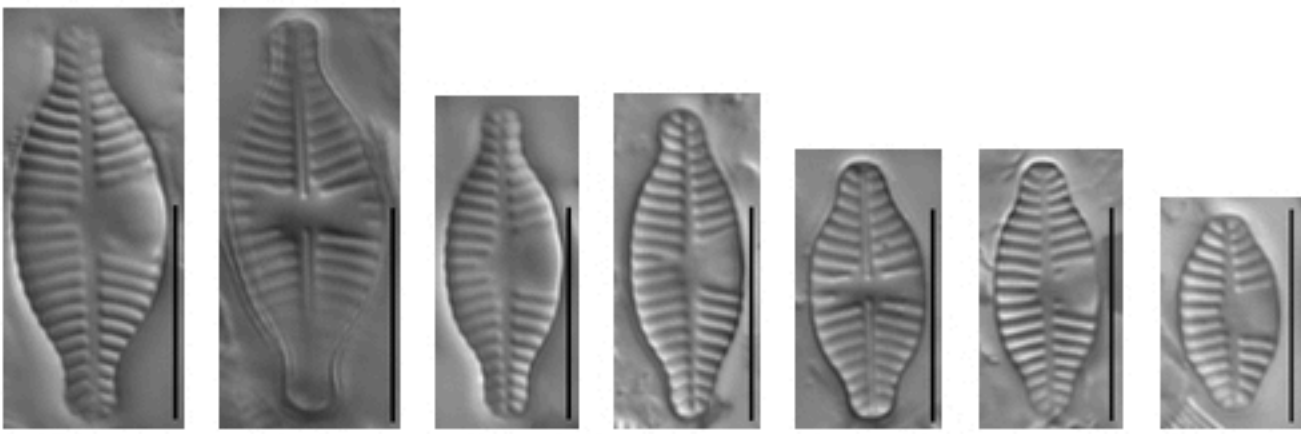
Category	Monoraphid
Length Range	7-20 µm
Width Range	4-8.5 µm
Striae in 10 µm	13-15

Contributor Marina Potapova - Aug 2011
Reviewer Sarah Spaulding - Nov 2011

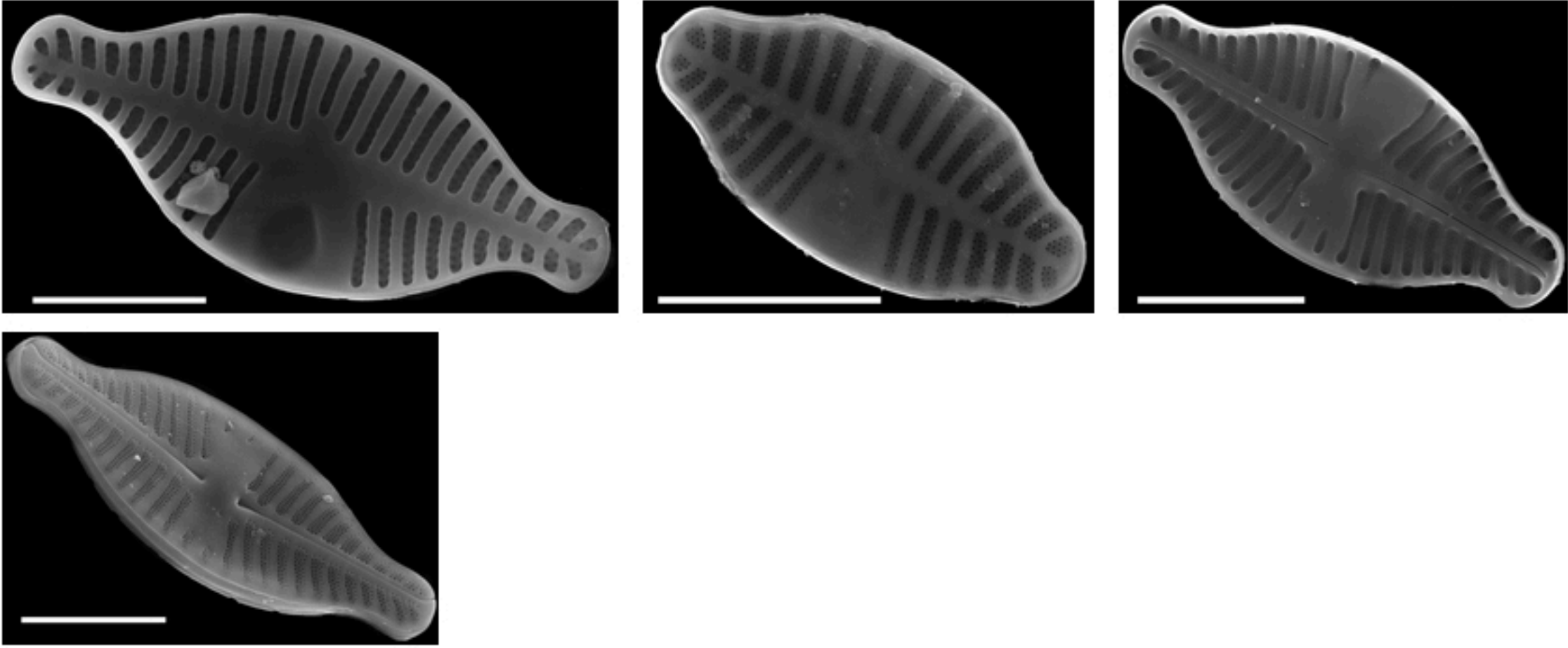
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Identification



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Description

Valves are linear-elliptical with rostrate, subrostrate or narrowly subcapitate apices. The raphe valve has a linear axial area and transversely rectangular central area. The rapheless valve has a narrow, linear axial area. The asymmetric central area on the rapheless

valve contains a shallow depression on the internal valve surface. The raphe is straight with expanded external proximal endings. The striae are radiate throughout both valves.

Autecology

Size Range, µm ³	101-1000
Motility	Slightly mobile
Attachment	Unattached
Habitat	Benthic
Colony	Solitary
BCG	BCG 3
Distribution	Western EMAP California

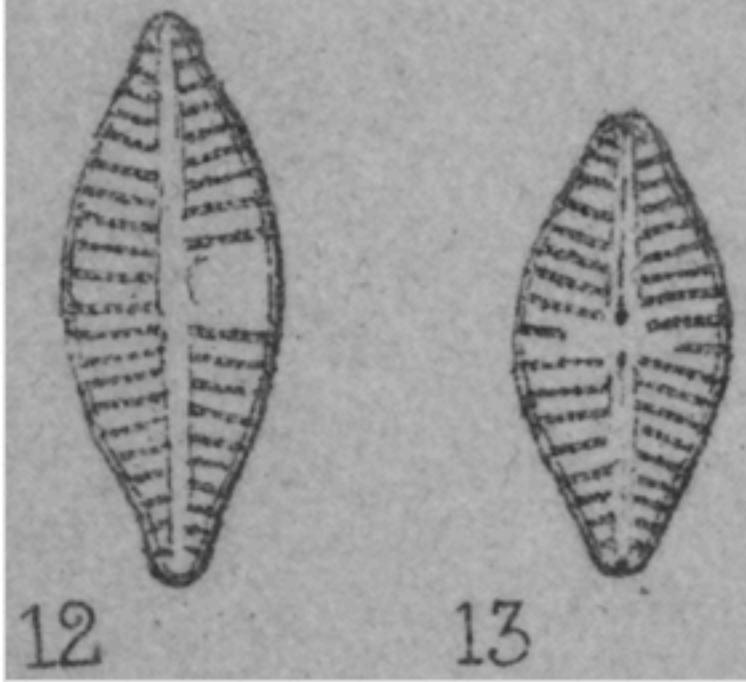
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Original Description

A. lanceolata var. *dubia* GRUN. (*Achnantheidium delicatulum* KG. ex parte?) Steht der vorigen Art sehr nahe, und unterscheidet sich fast nur durch die kurzen, breit lanzettlichen kurz zugespitzten Schalen, und den etwas schmälern Pseudostaurus der unteren Schalen. Querstreifen 13-14 in 0,01 mm. Länge 0,015-0,017 mm., Breite 0,007-0,0072 mm. Buchberg in Unterösterreich, Belgien.

Basionym	Achnanthes lanceolata var. dubia
Author	Grunow 1880
Length Range	15-17 µm
Width	7-7.2 µm
Striae in 10µm	13-14

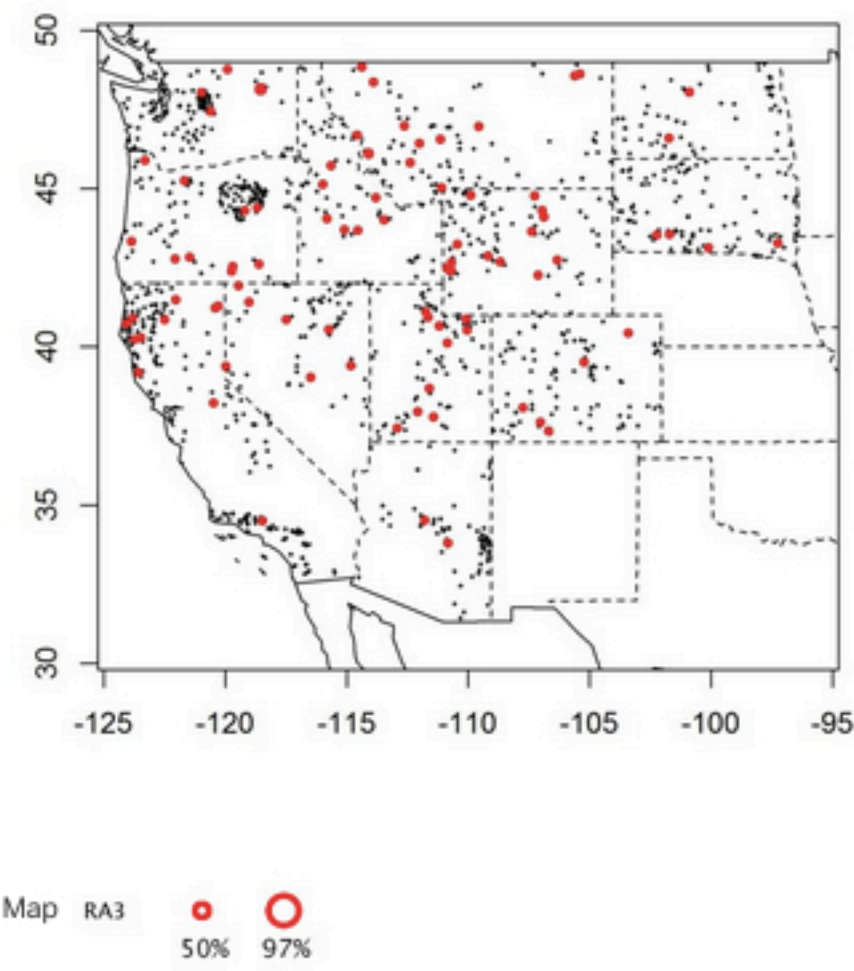
Original Images



A. lanceolata var. *dubia* Grun. (*Achnantheidium delicatulum* Kg. ex parte?) Steht der vorigen Art sehr nahe, und unterscheidet sich fast nur durch die kurzen, breit lanzettlichen kurz zugespitzten Schalen, und den etwas schmälern Pseudostaurus der unteren Schalen. Querstreifen 13-14 in 0,01 mm. Länge 0,015-0,017 mm., Breite 0,007-0,0072 mm. Buchberg in Unterösterreich, Belgien.

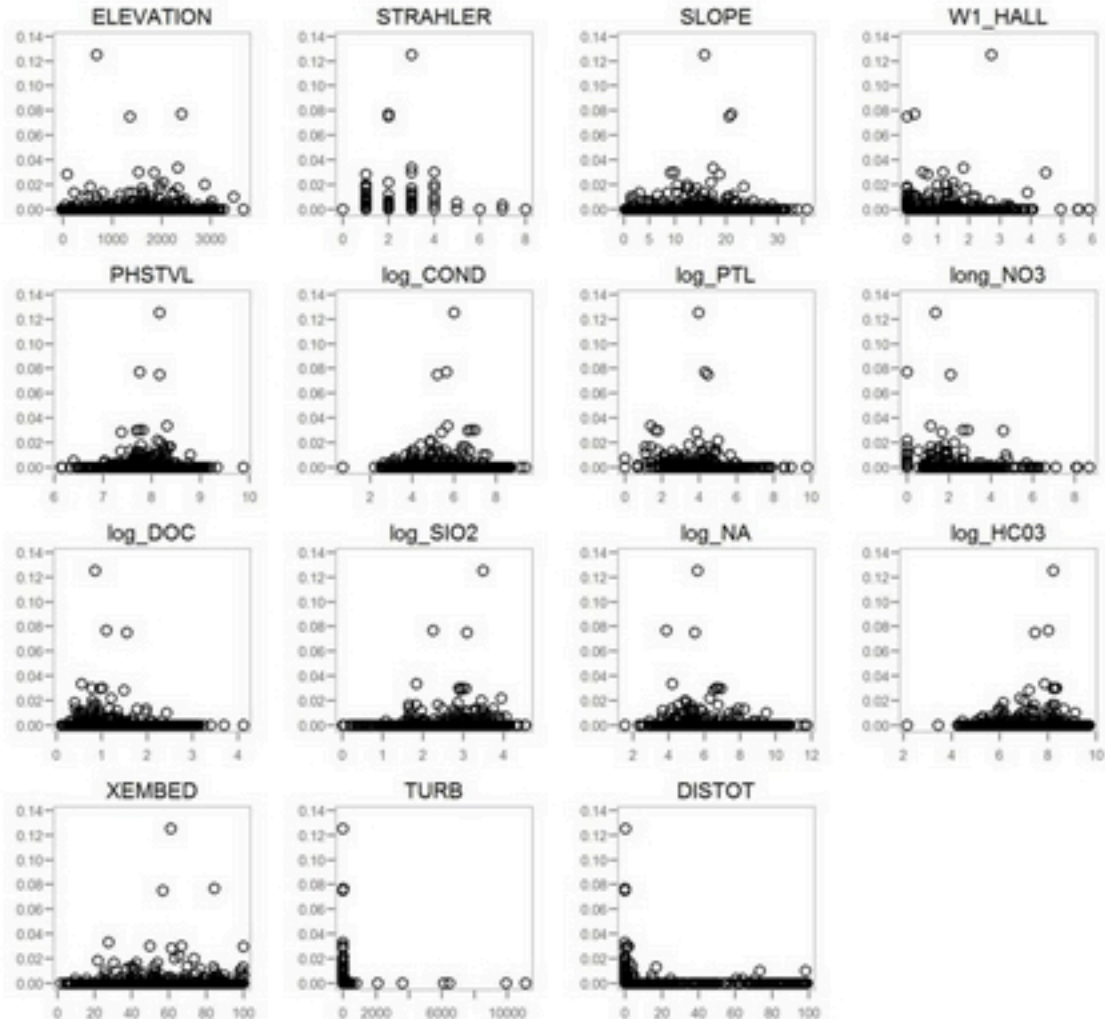
EMAP Assessment

EMAP Distribution



Response Plots

[Response Plot Key](#)



Citations & Links

Citations

Cleve, P.T. and Grunow, A. (1880) Beiträge zur Kenntniss der Arktischen Diatomeen Kongliga Svenska-Vetenskaps Akademiens Handlingar, 17(2): 121 pp., 7 pls.
Round, F. E. and Bukhtiyarova, L. (1996) Four new genera based on *Achnanthes* (*Achnantheidium*) together with a re-definition of *Achnantheidium* Diatom Research 11: 345-361.
Van Heurck, H (1881) Synopsis des Diatomées de Belgique. Atlas. Ducaju & Cie., Anvers. pls 31-77.

Links

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[North American Diatom Ecological Database](#)
NADED ID: 155021

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