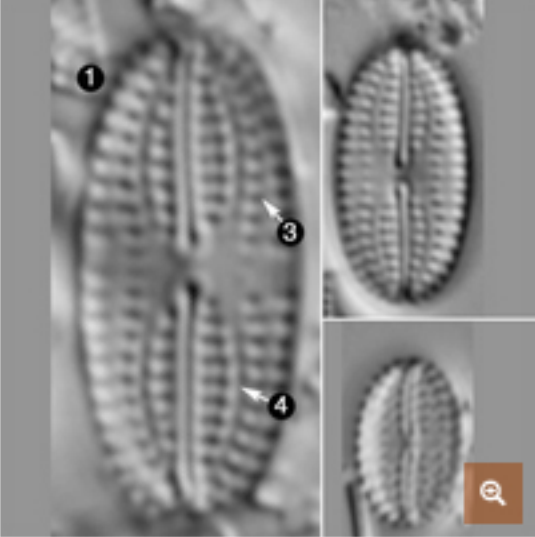


Fallacia tenera

(Hust.) D.G.Mann in Round et al. 2012



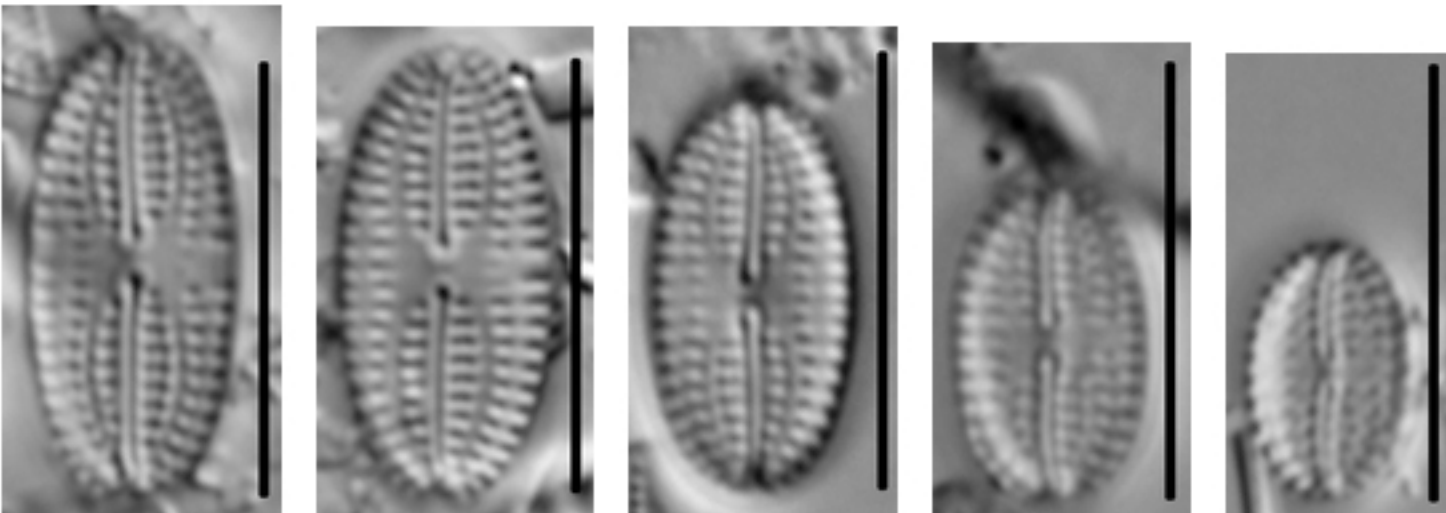
Category	Symmetrical biraphid
Length Range	6-11 µm
Width Range	3.5-5.0 µm
Striae in 10 µm	13-16
Contributor	Pat Kociolek - Mar 2011
Reviewer	Rex Lowe - Nov 2011

Synonyms
Pseudofallacia tenera (Hust.) Lui et al. 2012

IdentificationAutecologyOriginal DescriptionEMAP AssessmentCitations & LinksUpdates

Compare

Identification



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Description

Larger valves are linear-elliptic, while smaller valves are broadly rounded. The axial area is straight, narrow and contains a filiform, straight raphe. The striae are radiate to nearly parallel and composed

of distinct areolae. A small lyre-shaped hyaline area is present on either side of the axial area.

Autecology

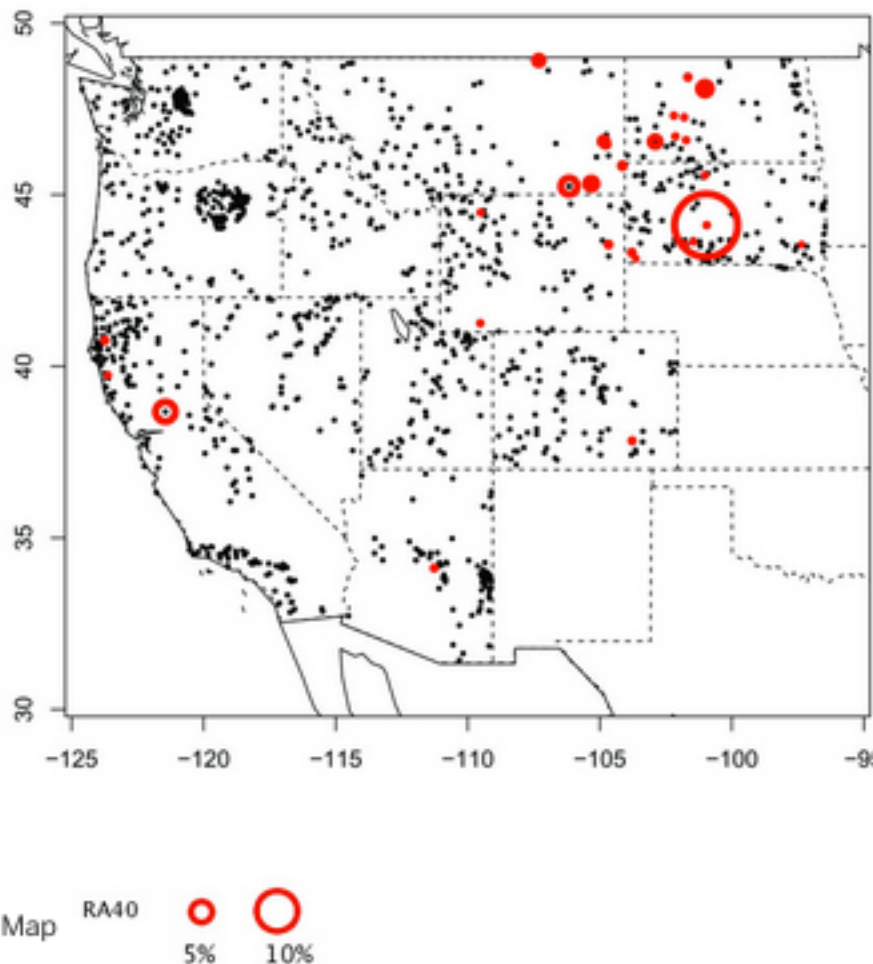
Size Range, µm3	11-100101-1000
Motility	Moderately motile
Attachment	Prostrate
Habitat	Benthic
Colony	Solitary
Learn more about this >	

Original Description

Basionym	Navicula tenera
Author	Hust. in Schmidt et al. 1936

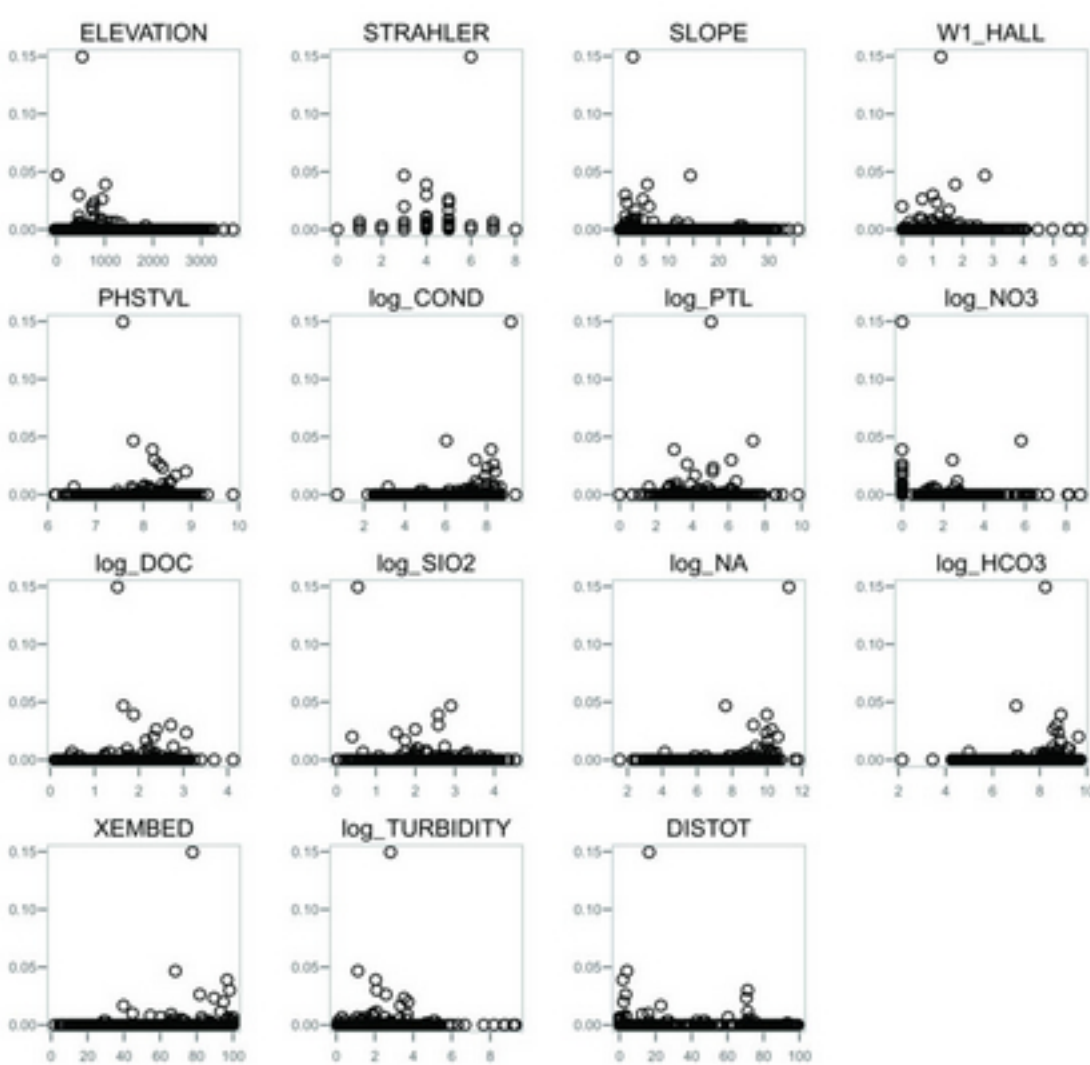
EMAP Assessment

EMAP Distribution



Response Plots

Response Plot Key >



Citations & Links

Citations

Krammer, K. and Lange-Bertalot, H. (1986) Bacillariophyceae. 1. Teil: Naviculaceae In: Ettl, H., J. Gerloff, H. Heynig and D. Mollenhauer (eds.) Süßwasserflora von Mitteleuropa, Band 2/1. Gustav Fisher Verlag, Jena. 876 pp

Round, F.E., Crawford, R.M. and Mann, D.G. (1990) The Diatoms. Biology and Morphology of the Genera. Cambridge University Press, Cambridge, 747 pp.

Liu, Y., Kociolek, J.P., Fan, Y. and Wang, Q. (2012) *Pseudofallacia* gen. nov., a new freshwater diatom (Bacillariophyceae) genus based on *Navicula occulta* Krasske *Phycologia* 51(6): 620–626

Sabbe, K., Vyverman, W. and Muylaert, K. (1999) New and little-known *Fallacia* species (Bacillariophyta) from brackish and marine intertidal sandy sediments in Northwest Europe and North America. *Phycologia* 38(1): 8-22

Stancheva, R. and Manoylov, K.M. (2018) *Fallacia californica* sp. nov. (Bacillariophyta), a new freshwater diatom species from streams in California, USA *Phytotaxa* 345 (2): 104–118

Publication Link: [10.11646/phytotaxa.345.2.2](https://doi.org/10.11646/phytotaxa.345.2.2)

Li, Y., Suzuki, H., Nagumo, T. and Tanaka, J. (2014) Auxosporulation, morphology of vegetative cells and perizonium of *Fallacia tenera* (Hust.) D.G. Mann (Bacillariophyceae) *Phytotaxa* 164 (4): 239–254

Publication Link: [10.11646/phytotaxa.164.4.3](https://doi.org/10.11646/phytotaxa.164.4.3)

Links

Index Nominum Algarum
Original

CAS
Link

North American Diatom Ecological Database
NADED ID: 115008

Updates

Mar 13, 2018 - Transfer to Pseudofallacia

The genus *Pseudofallacia* was established by Liu et al. (2012) to accommodate small species that had previously been included in *Fallacia* and *Navicula*. As of this date, the website reflected this change for *P. tenera*. - S. Spaulding

Apr 23, 2018 - Transfer back to Fallacia

Following Cantonati (2018), we failed to notice Li et al. (2014; Phytotaxa 164: 239-254) provided evidence for the position of this species within the genus *Fallacia*. This species possesses a lyre-shaped canopeum, that aligns it with *Fallacia*.

Cite This Page

Kociolek, P. (2011). *Fallacia tenera*. In *Diatoms of North America*. Retrieved May 27, 2018, from https://diatoms.org/species/fallacia_tenera