

Diatom 17: 21-28 (英文)

Frank E. Round and Nora I. Maidana : Two problematic freshwater araphid taxa re-classified in new genera

Abstract

*Fragilaria berolinensis* and *Synedra parasitica* have been studied in relation to their current taxonomic position. All the evidence points to a removal to new genera based largely on electron microscopic evidence complemented by their unique habitat requirements, the former planktonic and the latter epiphytic on other diatoms. In addition their ecology and north/south hemisphere occurrence is considered.

Key index words

*Belonastrum*, Epiphytes, *Fragilaria*, Freshwater ecology, *Synedra*, *Synedrella*