

Diatom 14: 25-33 (英文)

小林 敦・田中次郎・南雲 保：本邦産クモノスケイソウの一種 *Arachnoidiscus ornatus* Ehrenb. の形態および分類学的研究

Atsushi Kobayashi, Jiro Tanaka and Tamotsu Nagumo : Morphological and taxonomical study of *Arachnoidiscus ornatus* Ehrenb. (Bacillariophyceae) in Japan

Abstract

In Japan, two species *Arachnoidiscus ornatus* and *A. ehrenbergii* have been reported as the recent species in this genus. They are well known as the epiphyte, and often cover the whole surfaces of seaweeds. Materials collected from 10 localities in Japanese coast show no difference except for the diameter of valve. It is concluded that the Japanese recent entity of *Arachnoidiscus* can be named under *A. ornatus* with a synonym of *A. ehrenbergii*.

Key index words

Arachnoidiscus, *A. ornatus*, *A. ehrenbergii*, diatom, morphology, taxonomy