

Diatom 13: 113-127 (英文)

阪部 舞・南雲 保：静岡県柿田川湧水群の付着珪藻植生

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Abstract

A floristic study of epiphytic and epilithic diatoms of Kakita-gawa (Kakita River) springs, Shizuoka Prefecture, was carried out. Diatoms were examined using light microscope (LM) and electron microscopes (SEM and TEM). A total 62 taxa, belonging to 20 genera were found from this area. These taxa include *Amphora ovalis* Kütz. that is new occurrence in Japan, and *A. liriopse* sp. nov. (nom. nud.). Dominant taxa in the area were *Achnanthes lanceolata*, *Diatoma mesodon*, *Melosira variance*, *Nitzschia dissipata*, *Navicula joubaudii* and *N. veneta*.

Key index words

attached diatom, diatoms, Kakita River, spring diatom.