

Diatom 9: 41-72 (英文)

山川清次：嘉瀬川河口の珪藻

Seiji Yamakawa : Diatoms in the Kase River (Kasegawa) Estuary

Abstract

The diatoms of brackish water in the Kase River (Kasegawa) Estuary, Saga Prefecture, Japan were investigated. A total of 238 taxa, distributed among 50 genera, were recorded in an epilithic diatom sample. In the diatom assemblage, *Hydrosera triquetra* was a predominant taxon and the best represented genera were *Bacillaria*, *Gyrosigma*, *Nitzschia* and *Synedra*. In nineteen plates, all taxa are depicted by microphotographs.

Key index words

diatom, brackish water, estuary, Kase River (Kasegawa)

本邦における河川の汽水域を対象にした珪藻の研究は少なく、わずかに小島 (1950)、造力・広瀬 (1975)、後藤 (1978, 1979, 1986)、小林 (1981)、真山・小林 (1982)、Nagumo & Hara (1990) 等があるのみである。

本論文は佐賀県下、嘉瀬川河口 (汽水域) の珪藻についての報告である。