

Diatom 8: 35-38 (英文)

一ノ瀬安正：平潟湾におけるスケルトネマ・メンツェリーの赤潮

Yasumasa Ichinose : A red tide of *Skeletonema menzeli* occurred in Hirakata Bay

Abstract

Hirakata Bay is a small bay in the western coast of Tokyo Bay. On 5th June 1990, a red tide which consisted of *Skeletonema menzeli* occurred in this bay.

The marine pelagic diatom *S. menzeli* was first described by Guillard *et al.* (1974) on its specimens collected from the western Sargasso Sea. The cell sizes of this small diatom are 3-6 μ m in diameter, and it is usually living solitary or making short chains of 2-3 cells. The transmission electron microscopy reveals that the valves have 4-8 marginal strutted processes, with a labiate process near the centre. It was the first event for this species as far as the author knows that it caused the striking propagation at a small inlet like Hirakata Bay in Japan.

Key index words

Hirakata Bay, red tide, *Skeletonema menzeli*.