

Diatom 11: 73-74 (英文)

高野秀昭：日本の太平洋岸で夏季によく繁殖する円心珪藻タラシオシーラ・テアラータ

Hideaki Takano : *Thalassiosira tealata* Takano, common in summer at the coastal Pacific waters in Japan

#### Abstract

*Thalassiosira tealata* Takano in Japan was first found in August 1979 at Tachibana Ura, Tokushima Prefecture, by staffs of the Nihon Kaiyoseibutsu Kenkyujo Co. Ltd. This small centric diatom has T-shaped marginal strutted processes provided with two, long, opposing wings extended from the scaphoid skirts of the processes. Its labiate process is nearly on the margin of the valve face, and 1~4 areolae are apart from the externally left-hand strutted process at the 12 O'clock position. The rows of areolae are mostly radially fasciculated. The cells are so small, 6.3~9.6 $\mu$ m in diameter, that an electron microscope is needed for its precise identification. This small diatom may be a common habitant in the warm coastal waters of the Pacific, like Tachibana-ura and Atsumi Bay in summer. By recent information newly sent from my friend living in England, this small diatom could be transferred by air-cargo from Japan, may be with Japanese oysters.

Key index words

Tachibanna Ura, T-shaped marginal strutted processes, wings, labiate process, Atsumi Bay, air-cargo.