

Diatom 20: 95-104 (英文)

Itsuki Suto : *Coronodiscus* gen. nov., a new diatom resting spore genus from the North Pacific and Norwegian Sea

Abstract

Fossil marine diatom resting spore morpho-genus *Coronodiscus* gen. nov. is described using samples from DSDP Site 338 in the Norwegian Sea, Sites 436 and 438 in the northwest Pacific and from the Newport Beach Section, California. *Coronodiscus* is characterized by having sheathes surrounding the epivalve and hypovalve which possess rows of elongate simple pores. This genus contains two species : *C. collarius* sp. nov. and *C. trigonus* sp. nov. *Coronodiscus trigonus* is differentiated from *C. collarius* by having a sheath possessing a triangular process.

Key index words : *Coronodiscus*, fossil, North Pacific, Norwegian Sea, ODP, resting spore