

Diatom 20: 229-240 (英文)

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#### Abstract

One hundred fifteen diatom taxa in thirty surface sediment samples collected from Osaka Bay were identified and listed. They belong to the following fifty-six genera : *Achnanthes* (3 taxa), *Achnanthidium* (3), *Actinocyclus* (1), *Actinoptychus* (1), *Amphora* (3), *Aulacoseira* (3), *Azpeitia* (1), *Chaetoceros* (1), *Cocconeis* (4), *Coscinodiscus* (3), *Ctenophora* (1), *Cyclostephanos* (1), *Cyclotella* (5), *Cymatotheca* (1), *Cymbella* (3), *Delphineis* (1), *Diadesmis* (1), *Diploneis* (6), *Epithemia* (1), *Fallacia* (4), *Fragilaria* (2), *Fragilarioforma* (1), *Gomphonema* (7), *Gomphoneis* (1), *Grammatophora* (2), *Hantzschia* (1), *Karayevia* (1), *Luticola* (1), *Melosira* (1), *Navicula* (5), *Neodelphineis* (1), *Nefragilaria* (1), *Nitzschia* (7), *Paralia* (1), *Placoneis* (1), *Planotidium* (2), *Pleurosigma* (1), *Podosira* (1), *Rhaphoneis* (1), *Reimeria* (1), *Rhoicosphenia* (1), *Rhopalodia* (2), *Sellaphora* (2), *Seminavis* (3), *Skeletonema* (1), *Staurosira* (1), *Staurosirella* (2), *Stephanodiscus* (1), *Surirella* (3), *Synedra* (1), *Tabularia* (1), *Thalassionema* (1), *Thalassiosira* (6), *Trachyneis* (1), *Trachysphenia* (1), *Tryblionella* (2).

Key index words : diatom flora, Osaka Bay, surface sediment