

The Dinoflagellate In Pari Islands, Thousand Islands, North of Jakarta.

Thoha, Hikmah

Research and Development Center for Oceanology, Indonesian Institute of Sciences,
Jakarta, Indonesia

A study of Dinoflagellate in Pari Islands, Thousand Islands was conducted in June-October 1997 and January 1998. Samples were collected from eight (8) stations in Pari Islands, Thousand Islands. The samples were collected using a Kitahara Plankton net a conical shaped net with a mouth diameter 31 cm, length of 120 cm and mesh of 20 micrometer. All samples were put in bottles and preserved with 4 % buffered formaldehyde. In the laboratory of RDCO-LIPI all samples were identified and were counted under high power inverted microscope.

They consist of 37 species of dinoflagellate, 6 families and 2 genus. Three species showed high frequency of occurrence and abundance i.e: *Ceratium furca*, *Prorocentrum emarginatum* and *Protoperidinium depressum*.

Period October-November 1999, it was noted that the water was in red color and smells very bad. Red Tide due to *Trichodesmium erythraeum* occurred at Pari Island, Thousand Islands.