

**Gambierdiscus toxicus** Adachi & Fukuyo

*Bull. Jap. Soc. Sci. Fisheries* 45: 69, figs 1–7 (1979)

*Type locality*: French Polynesia (Gambier Islands)

*Australian distribution*: N.T., Qld (Great Barrier Reef, SE coast), N.S.W. (South Coast)

*Extra-Australian distribution*: Gulf of Mexico, Caribbean Sea, U.S.A. (Florida), Indian Ocean, Indonesia, Japan, New Caledonia, French Polynesia, Hawaiian Islands

*Note*: This species produces the potent neurotoxins ciguatoxin and maitotoxin [Murray, 2010]

*References*: M.J.Holmes, R.J.Lewis & N.C.Gillespie, Toxicity of Australian and French Polynesian strains of *Gambierdiscus toxicus* (Dinophyceae) grown in culture: characterization of a new type of maitotoxin, *Toxicon* 28: 1159–1172 (1990)

S.L.Morton, Morphology and toxicology of *Prorocentrum faustiae* sp. nov., a toxic species of non-planktonic dinoflagellate from Heron Island, Australia, *Bot. Mar.* 41: 565–569 (1998)

S.Murray, Benthic dinoflagellates, *Algae of Australia: Phytoplankton of Temperate Coastal Waters* 213–259 (2010)