

**Alexandrium tamarensis** (M.Lebour) Balech

*Genus* Alexandrium 38, pl. 6, figs 1–40; pl. 7, figs 1–9 (1995)

*Gonyaulax tamarensis* M.Lebour, *Dinoflagellates of Northern Seas* 95, pl. 14, fig. 1 (1925)

*Type locality*: Great Britain

*Gonyaulax tamarensis* var. *excavata* Braarud, *Avh. Utgitt. Nor. Vidensk. Akad. Oslo Mat.-Naturvidensk. Kl.* 11: 14, fig. 5A (1945); *Gonyaulax excavata* (Braarud) Balech, *Revta Mus. Argent. Cienc. Nat. "Bernardino Rivadavia" (Hidrobiol.)* 3: 28, pl. 7, figs 119–124 (1971)

*Type locality*: Norway

*Australian distribution*: Coral Sea, N.S.W. (±all coasts), Vic. (Port Phillip Bay), Tas., S.A.

*Extra-Australian distribution*: U.S.A., Canada (Nova Scotia, Quebec), Faeroe Islands, British Isles, North Sea, Baltic Sea, Mediterranean Sea, South Africa, Thailand, Malaysia, China, South Korea, Japan, far-eastern Russia, Coral Sea, New Zealand

*Note*: A potentially toxic, bloom-forming species. Incorrectly reported from the southern Ocean and Antarctica by McMinn & Scott [2005, *vide* Hallegraeff *et al.* (2010)]

*References*: E.J.F.Wood, *Dinoflagellates in the Australian region. II – Recent collections*, *Tech. Pap. Div. Fish. Oceanogr. CSIRO* 14: 1–55 (1963)

G.M.Hallegraeff, C.J.[S.]Bolch, S.I.Blackburn & Y.Oshima, *Species of the toxic dinoflagellate genus Alexandrium in southeastern Australian waters*, *Bot. Mar.* 34: 575–587 (1991)

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L.D.Harlow, A.Koutoulis & G.M.Hallegraeff, *S-adenosylmethionine synthetase genes from eleven marine dinoflagellates*, *Phycologia* 46: 46–53 (2007)

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H.Farrell, S.Brett, P.Ajani & S.Murray, *Distribution of the genus Alexandrium (Halim) and paralytic shellfish toxins along the coastline of New South Wales, Australia*, *Mar. Poll. Bull.* 72: 133–145 (2013)