

***Craticula zizix* (VanLandingham) comb. nov., the correct name for *Craticula molesta* Lange-Bertalot & Willman, *nom. illeg.* (Bacillariophyceae, Stauroneidaceae)**

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The diatom genus *Craticula* Grunow, 1868 (Bacillariophyceae, Stauroneidaceae; T: *Craticula perrotettii* Grunow) includes over 60 freshwater species, many of which have been added in recent years (Beauger *et al.* 2017: Annex 1; Guiry & Guiry 2018). One of these species, *Craticula molesta* Lange-Bertalot & Willman in Lange-Bertalot *et al.* (1996: 130), is illegitimate, and a new combination is required for a replacement name introduced by VanLandingham (1975).

The name *Navicula molesta* Krasske was introduced by Krasske (1938: 528, pl. 11: fig. 20) based on freshwater material from Spitsbergen; however, the name *Navicula molesta* A.Mann (Mann 1925: 110, pl. 23: fig. 5) had previously been coined for a marine species from the Philippines. Recognising that *Navicula molesta* Krasske was a later homonym and thus illegitimate, VanLandingham (1975: 2886) introduced the replacement name, *Navicula zizix* VanLandingham, for it. However, Lange-Bertalot & Willmann in Lange-Bertalot *et al.* (1996: 130) proposed a new combination, *Craticula molesta*, for *Navicula molesta* Krasske at the same time including *Navicula zizix* VanLandingham in synonymy, thus rendering *Craticula molesta* Lange-Bertalot & Willmann superfluous (Art. 52.1, Melbourne Code, McNeill *et al.* 2012) even when treated as a new name (Art.58.1, Melbourne Code, McNeill *et al.* 2012). The authors should have proposed the name *Craticula zizix* based on the earliest available valid and legitimate name. This is rectified as follows:

***Craticula zizix* (VanLandingham) Guiry, comb. nov.**

Basionym: *Navicula zizix* VanLandingham, *Catalogue of the fossil and recent genera and species of diatoms and their synonyms Part V Navicula*, Vaduz, p. 2886. 1975.

Replaced synonyms

Navicula molesta Krasske *Archiv für Hydrobiologie* 33: 528, pl. 11: fig. 20, 1938, *nom. illeg.*
Craticula molesta Lange-Bertalot & Willman in Lange-Bertalot *et al. Iconographia Diatomologica* 3: 130, 1996, *nom. illeg.*

The origin of the epithet “zizix” was not explained by VanLandingham (1975: 2886).

One variety has been described, *Navicula molesta* var. *subdiversa* Messikommer, which while it requires further taxonomic investigation, is best placed in *Craticula*.

***Craticula zizix* var. *subdiversa* (Messikommer) Guiry, comb. nov.**

Basionym: *Navicula molesta* var. *subdiversa* Messikommer, *Schweizerische Zeitschrift für Hydrologie* 22: 206, 220, fig. 25.

Many thanks to M.J. Wynne for his helpful comments.

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