
**Validation of the name *Eunotia serpentinula* L.F.Costa & C.E.Wetzel, *nom. inval.*
(*Eunotiaceae*, *Bacillariophyta*)**

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Costa *et al.* (2017) described and illustrated 96 *Eunotia* taxa including 15 new species, thereby adding a considerable body of information to knowledge of the biodiversity of this genus in the reservoirs of south-eastern Brazil.

It has come to our attention that one of the new names proposed by Costa *et al.* (2017) was not validly published in accordance with the International Code of Nomenclature (ICN). The name of a new species is only valid when a holotype is indicated in its protologue (ICN Art. 40.1, Turland *et al.* 2018). Therefore, the required type designation is given below:

Eunotia serpentinula* L.F.Costa & C.E.Wetzel, *sp. nov.

Replaced binary designation: “*Eunotia serpentinula* L.F.Costa & C.E.Wetzel” in Costa *et al.* *Bibliotheca Diatomologica* 64: 51, pl. 49: figs 16–24, pl. 50: figs 1–3, 2017, *nom. inval.*

Description and illustrations: Costa *et al.* (2017: 51–52, pl. 49: figs 16–24, pl. 50: figs 1–3).

Holotype: slide SP-427987, deposited in the *Herbário Científico do Estado Maria Eneyda P. Kauffmann Fidalgo (SP)*, São Paulo, Brazil. Representative illustrations in Costa *et al.* (2017: pl. 49: figs 16–24, pl. 50: figs 1–3).

Type locality: Brazil: São Paulo: Suzano: Taiaçupeba reservoir, 23°36'25.9"S, 46°15'59.5"W. Collected from macrophytes (*Salvinia*, *Salviniaceae*).

Costa, L.F., Wetzel, C.E., Lange-Bertalot, H., Ector, L. & Bicudo, D.C. (2017). Taxonomy and ecology of *Eunotia* species (Bacillariophyta) in southeastern Brazilian. *Bibliotheca Diatomologica* 64: 1–302.

Turland, N.J., Wiersma, J.H., Barrie, F.R., Greuter, W., Hawksworth, D.L., Herendeen, P.S., Knapp, S., Kusber, W.-H., Li, D.-Z., Marhold, K., May, T.W., McNeill, J., Monro, A.M., Prado, J., Price, M.J. & Smith, G.F., editors (2018). *International Code of Nomenclature for algae, fungi, and plants (Shenzhen Code)* adopted by the Nineteenth International Botanical Congress Shenzhen, China, July 2017. *Regnum Vegetabile*, Vol. 159. pp. [i]-xxxviii, 1–253. Glashütten: Koeltz Botanical Books.