
***Navicula andrzej-witkowskii*, nom. nov., a replacement name for *Navicula witkowskii*
Pomazkina, Rodionova & Sherbakova, nom. illeg., non *Navicula witkowskii* Lange-Bertalot,
Iserentant & Metzeltin (*Bacillariophyta*, *Naviculaceae*)**

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Navicula witkowskii Pomazkina, Rodionova & Sherbakova was the name of a new species found in a collection of Lake Baikal benthic diatoms. The species was studied by electron microscopy and described in Pomazkina *et al.* (2018: 74, 235, pl. 111) and validated in Pomazkina *et al.* (2019: 189) with an English description. However, this name is a later homonym of *Navicula witkowskii* Lange-Bertalot, Iserentant & Metzeltin, based on material collected from the mouth of the River Weser, Bremerhaven, Germany, described and illustrated by Witkowski *et al.* (1998: 89, figs 7-11). This is the current taxonomically accepted name for the species.

Comparing the Lake Baikal species to illustrations of *Navicula witkowskii* from the River Weser (Witkowski *et al.*, 1998: 89, figs 7-11), we can easily distinguish the two by their general valve outline and morphometric data, and conclude they are totally different taxa. Accordingly, a new name is required for *Navicula witkowskii* Pomazkina, Rodionova & Sherbakova as it is an illegitimate later homonym:

***Navicula andrzej-witkowskii* Pomazkina, Rodionova & Sherbakova, nom. nov.**

Replaced synonym: *Navicula witkowskii* Pomazkina, Rodionova & Sherbakova, *Limnology and Freshwater Biology* 2019(1): 189, nom. illeg., non *Navicula witkowskii* Lange-Bertalot, Iserentant & Metzeltin, *Cryptogamie Algologie*, 19: 89, figs 7-11, 1998.

Etymology: the species is named in honour of the Polish diatomologist Prof. Dr Andrzej Witkowski

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Witkowski A., Lange-Bertalot H. & Stachura K. (1998). New and confused species in the genus *Navicula* (Bacillariophyceae) and the consequences of the restrictive generic circumscription. *Cryptogamie Algologie*, 19(1), 83-108.

Pomazkina, G.V., Rodionova, E.V. & Sherbakova, T.A. (2018). [*Benthic diatom algae of the family Naviculaceae of Lake Baikal. Atlas and key*] In: *Guides and keys to identification of fauna and flora of Lake Baikal*. pp. [1]-313. Novosibirsk: NAUKA [in Russian].

Pomazkina, G.V., Rodionova, E.V. & Sherbakova, T.A. (2019). Validation of 123 names of new diatom taxa from Lake Baikal. *Limnology and Freshwater Biology* 2019(1): 181-198.