On the nomenclatural validity of *Achnanthidium subatomoides* (Bacillariophyta)

*Sobre la validación nomenclatural de Achnanthidium subatomoides* (Bacillariophyta)

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The name *Navicula subatomoides* was first used by Hustedt in Schmidt *et al.* [4] for a diatom found in Vuokatti, Finland. According to Patrick [3] and Fourtanier & Kociolek [1], since no valid description accompanied the type illustration, this binomial is to be considered as invalidly published. In our opinion, however, the brief text included in the plate legend ("*N. subatomoides nov. spec. Kannwegen der wesentlich zarteren Struktur nicht mehr mit taf. 403, fig. 51-53 verbunden werden* [in reference to *N. minima* var. *atomoides* (Grunow) Cleve]", cfr. also Simonsen [5]: "Description included in plate explanation") does constitute an effective diagnosis of this taxon under ICN rules. The reasons are: i) it presents a statement that distinguishes the taxon from other taxa (Art. 38.2), and ii) German is a valid language for diagnoses of non-fossil algae described before 1 January 1958 (Art. 44.1). Therefore, this name, as well as subsequent combinations based on it, namely *Navicula utermoebli* var. *subatomoides* (Hust.) Cleve-Euler, *Achnanthes subatomoides* (Hust.) Lange-Bert. & R.E.M. Archibald, *Psammothidium subatomoides* (Hust.) Bukhtiyarova & Round, and *Achnanthidium subatomoides* (Hust.) O. Monnier, Lange-Bert. et Ector [2] are validly published. Accepting the taxonomic argumentation provided by Monnier *et al.* [2] to transfer this species to the genus *Achnanthidium*, we want to repeat hereunder its correct name in this genus:
Achnanthidium subatomoides (Hust.) O. Monnier, Lange-Bert. et Ector in Monnier et al. [2].

Basionym: Navicula subatomoides Hust. in Schmidt et al. [4]

Lectotype: BRM N12/84 (HT fide R. Simonsen [5])

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References


