Cymbopleura heilprinensis (Foged) Krammer and Gomphoneis montana Bahls: corrected names for two diatoms recently reported from western North America

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Foged (1955: 65, pl. X: fig. 8) described Cymbella heilprinensis sp. nov. from Peary Land, Greenland and Krammer (2003: 77) later transferred it to Cymbopleura as Cymbopleura heilprinensis (Foged) Krammer. Bahls (2017: 14, figs 45-67) proposed a replacement name for this species (Cymbopleura boreoamericana nom. nov.) based on an emended description and its apparent widespread distribution in North America. However, the basionym establishes the correct name for this species according to Art. 6.10 and Art. 11.4 of the ICN (Melbourne Code) and the correct name is therefore Cymbopleura heilprinensis (Foged) Krammer and Cymbopleura boreoamericana Bahls is an illegitimate superfluous name.

Bahls (2017: 27, figs 158-164) also proposed the name Gomphoneis gracile Bahls for a new species from Montana, USA. The genus name Gomphoneis is feminine, and thus the correct epithet is gracilis, not gracile. However, this would be a later homonym of Gomphoneis gracilis Kociolek, Kulikovskiy & Solak 2013, which has priority. In accordance with Article 6.11 of the ICN Melbourne Code I propose the following:

Gomphoneis montana nomen novum pro Gomphoneis gracile Bahls, Diatoms from Western North America Vol. 1: 27, figs 158-164 [holotype: fig. 159], 2017, nom. illeg. non Gomphoneis gracilis Kociolek, Kulikovskiy & Solak, 2013.

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