# New combinations for diatoms (*Bacillariophyta*) from the Cascadia Bioregion of North America

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Two species from the Cascadia Bioregion of western North America are here transferred to genera that better fit their morphological features.

***Kurtkrammeria aequaliformis*** (Bahls) Bahls, *comb. nov.*

Basionym: *Encyonopsis aequaliformis* Bahls, *Northwest Diatoms, Volume 5: Encyonopsis*: 9, figs 1–7, 2013.

Note: Similar to *Kurtkrammeria aequalis*, this taxon has convergent striae near the apices and apically elongate areolae, which place it in *Kurtkrammeria* rather than in *Encyonopsis*.

***Rossithidium kriegeri*** (Krasske) Bahls, *comb. nov.*

Basionym: *Achnanthes kriegeri* Krasske, Zur Diatomeenflora Lapplands. *Bericht der deutschen botanischen Gessellschaft,* 61(3): 84, figs 3–7, 1943.

Homotypic synonym: *Achnanthidium kriegeri* (Krasske) Hamilton, Antoniades & Siver (in Antoniades *et al.* 2008: 20).

Note: This species is distinguished from species of *Achnanthes* and *Achnanthidium* by its wide parallel striae, consisting of two rows of areolae, similar to species of *Rossithidium* (see Potapova 2009).

Antoniades, D., Hamilton, P.B., Douglas, M.S.V. & Smol, J.P. (2008) Diatoms of North America: The freshwater floras of Prince Patrick, Ellef Ringnes and northern Ellesmere Islands from the Canadian Arctic Archipelago. *Iconographia Diatomologica* 17: 1-649, 1827 figs.

Bahls, L. (2013) *Encyonopsis* from western North America: 31 species from Alberta, Idaho, Montana, Oregon, South Dakota, and Washington, including 17 species described as new. *Northwest Diatoms, Volume 5*. The Montana Diatom Collection, Helena, 46 pp.

Krasske, G. (1943) Zur Diatomeenflora Lapplands. *Bericht der deutschen botanischen Gessellschaft* 61(3): 81–88

Potapova, M. (2009) *Achnanthidium kriegeri*. *In* Diatoms of North America. Retrieved August 25, 2019, from https://diatoms.org/species/achnanthidium_kriegeri