

***Calidiella*, a new generic name for *Desertella* (Trebouxiophyceae)**

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The generic name *Desertella* Fučíková, P.O.Lewis & L.A.Lewis with its type species *D. californica* was introduced by Fučíková *et al.* (2014: 303). A second species, *D. yichangensis* Song, Hu, Zhu, Wang, Liu & Hu, was described by Song *et al.* (2016: 5467-5468). Both *Chlorella*-like green algae belong to the *Watanabea* clade of the *Trebouxiophyceae*. Unfortunately, the genus name *Desertella* Mouchacca is the name of an Ascomycota fungal genus (Mouchacca 1979: 73), a valid and legitimate name. A holotype specimen of the type, *D. globulifera* Mouchacca, was deposited at **PC**.

We therefore propose the following nomenclatural changes (new names in **bold**):

Calidiella Darienko & Pröschold, *gen. nov.*

Synonym: *Desertella* Fučíková, P.O.Lewis & L.A.Lewis, 2014, *nom. illeg., non Desertella* Mouchacca, 1979.

Type: ***Calidiella californica*** (Fučíková, P.O.Lewis & L.A.Lewis) *comb. nov.* (below).

Calidiella californica (Fučíková, P.O.Lewis & L.A.Lewis) Darienko & Pröschold, *comb. nov.*

Basionym: *Desertella californica* Fučíková, P.O.Lewis & L.A.Lewis 2014, *Phycological Research*, 62(4): 303, fig. 1: j-m; holotype (preserved specimen) designated by Fučíková *et al.* 2014: CONN00178616, University of Connecticut, Storrs, Connecticut, USA; authentic strain UTEX 2992.

Calidiella yichangensis (H.Y.Song, Y.X.Hu, H.Zhu, Q.H.Wang, G.X.Liu & Z.Y.Hu) Darienko & Pröschold, *comb. nov.*

Basionym: *Desertella yichangensis* H.Y.Song, Y.X.Hu, H.Zhu, Q.H.Wang, G.X.Liu & Z.Y.Hu 2016, *International Journal of Systematic and Evolutionary Microbiology*, 66: 5467, figs. 4, 5; holotype (glutaraldehyde-fixed specimen **FACHB-f1793**) deposited in the Freshwater Algae Specimen Station, Institute of Hydrobiology, Chinese Academy of Sciences, Wuhan, Hubei Province, China; authentic strain FACHB-1793.

Fučíková, K., Lewis, P.O. & Lewis, L.A. (2014). Widespread desert affiliation of trebouxiophycean algae (Trebouxiophyceae, Chlorophyta) including discovery of three new desert genera. *Phycological Research* 62: 294-305.

Mouchacca, J. (1979). *Desertella*, un nouveau genre d'Hyphomycete de sols arides. *Revue de Mycologie (Paris)* 43: 71-79.

Song, H., Hu, Y., Zhu, H., Wang, Q., Liu, G. & Hu, Z. (2016). Three novel species of coccoid green algae within the *Watanabea* clade (Trebouxiophyceae, Chlorophyta). *International Journal of Systematic and Evolutionary Microbiology* 66: 5465-5477.