The transfer of *Surirella kerguelensis* to *Iconella* (Bacillariophyceae)

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In order to conform with a new phylogeny within the Surirellales, as supported by molecular and morphological data (Ruck et al. 2016a), a re-evaluation of taxa within the genus *Surirella* Turpin (Turpin 1828: 363) described from freshwater habitats of the sub-Antarctic and Maritime Antarctic region (Van de Vijver et al. 2013) is required. None of these Antarctic taxa is present in the transfer list of Ruck et al. (2016b), which includes 22 *Iconella* Jurilj (Jurilj 1948: 183) species, nor in the preliminary checklist of African *Surirella* and *Iconella* taxa (Jahn et al. 2017), in which 57 taxa were transferred from *Surirella* to *Iconella*. The main morphological difference between the molecularly supported genera *Surirella* and *Iconella* is the position of the raphe canal. In *Surirella* the raphe canal is located directly on the junction of the valve face and the valve mantle, whereas in *Iconella* it rises above the valve face and valve mantle with the presence of alar canals and fenestrae (Ruck et al. 2016a; Jahn et al. 2017).

Only five *Surirella* species are reported from freshwater habitats of the sub-Antarctic and Maritime Antarctic region (Van de Vijver et al. 2013), with exception of Macquarie Island where several unknown *Surirella* and *Iconella* taxa were observed (Van de Vijver unpublised). Notwithstanding the absence of molecular data for these taxa, it is clear that four taxa should remain within the genus *Surirella* based on the above mentioned morphological difference in the raphe canal. These species are *Surirella australovisurgis* Van de Vijver, Cocquyt, Kopalová & Zidarova (Van de Vijver et al. 2013: 101), *Surirella heardensis* Van de Vijver & Cocquyt (Van de Vijver et al. 2013: 100), *Surirella lapponica* A.Cleve (Cleve-Euler 1895: 25) and *Surirella subantarctica* Van de Vijver & Cocquyt (Van de Vijver et al. 2013: 96). Only one species, *Surirella kerguelensis* Grunow, has a raphe canal rising above the valve face and valve mantle with alar canals and fenestrae and should therefore be transferred to the genus *Iconella*. The following transfer is thus proposed:

*Iconella kerguelensis* (Grunow) Cocquyt & Van de Vijver, comb. nov

