***Staurosira magallanesica*, a replacement name for *Staurosira patagonica* M.L.Garcia, Maidana, Ector & E.Morales, *nom. illeg.* (*non Staurosira patagonica* Cleve) (Bacillariophta, *Staurosiraceae*)**

M. Luján García, *Universidad de Buenos Aires, Facultad de Ciencias Exactas y Naturales, Departamento de Biodiversidad y Biología Experimental, Buenos Aires, Argentina, [2]CONICET, Instituto de Biodiversidad y Biología Experimental Aplicada (CONICET – UBA), Buenos Aires, Argentina (corresponding author: mlgarcia@bg.fcen.uba.ar)*

Nora I. Maidana, *Universidad de Buenos Aires, Facultad de Ciencias Exactas y Naturales, Departamento de Biodiversidad y Biología Experimental, Buenos Aires, Argentina, [2]CONICET, Instituto de Biodiversidad y Biología Experimental Aplicada (CONICET – UBA), Buenos Aires, Argentina*

Luc Ector, *Luxembourg Institute of Science and Technology (LIST), Environmental Research and Innovation (ERIN) Department, 41 rue du Brill, L-4422 Belvaux, Luxembourg*

Eduardo A. Morales, *Laboratório da Água, Instituto de Ciéncias da Terra, Universidade de Évora, Rua da Barba Rala No. 1, Parque Industrial de Tecnológico de Évora 7005-345, Évora, Portugal*

The name *Staurosira* (*bidens* Heib[erg] var.?) *patagonica* Cleve was introduced by Cleve (1882 '1881': 13, pl. 16: fig. 13) for material collected from Sierra Famatina, Los Poterillos, Argentina. Subsequently, De Toni (1892: 690) transferred this species to *Fragilaria patagonica* (Cleve) De Toni, which is the current taxonomically accepted name.

Staurosira patagonica M.L.Garcia, Maidana, Ector & E.Morales described a new species found in material of Maar Magallanes, Patagonia, Argentina and other lakes in southern Patagonia. This new species was analysed in detail by light and electron microscopy and a comprehensive description is given in Garcia *et al.* (2017: 107, 114, figs 2-45). However, this name is a later homonym of *Staurosira patagonica* Cleve, 1882. If we compare our species to Cleve's illustration (Cleve 1882: pl. 16: fig. 13), we can easily differentiate the two by their general valve outline and morphometric data. As pointed out by Garcia *et al.* (2017), re-examination of the type material of members of the *Fragilariaceae* is needed to confirm identities, establish taxonomic boundaries and to facilitate identification, and this is also the case with *Staurosira patagonica* Cleve.

A new name is, however, required for *Staurosira patagonica* M.L.Garcia, Maidana, Ector & E.Morales as it is an illegitimate name:

***Staurosira magallanesica* M.L.Garcia, Maidana, Ector & E.Morales** *nom. nov.*
Replaced synonym: *Staurosira patagonica* M.L.Garcia, Maidana, Ector & E.Morales *Nova Hedwigia, Beiheft* 146: 107, 114, figs 2-45, 2017, *nom illeg., non Staurosira patagonica* Cleve 1882 *Öfversigt af Kongliga Svenska Vetenskaps-Akademiens Förhandlingar* 38(10): 13, pl. 16: fig. 13, 1882 '1881'.

Etymology: we have derived the specific epithet from the name of the paleolake Maar Magallanes where this new species was found for the first time by N.I. Maidana (Maidana & Corbella 1997).

We are grateful to Michael Guiry for providing relevant literature, corrections and careful revision of the manuscript.

Cleve, P.T. (1882 '1881'). Färskvattens-Diatomacéer från Grönland och Argentinska Republiken. *Öfversigt af Kongliga Svenska Vetenskaps-Akademiens Förhandlingar* 38(10): 3-13, pl. XVI.

De Toni, G.B. (1892). Sylloge algarum omnium hucusque cognitarum. Vol. II. Sylloge Bacillariearum. Sectio II. Pseudoraphideae. pp. [i-v], 491-817. Padova [Padua]: Sumptibus auctoris.

Garcia, M.L., Maidana, N.I., Ector, L. & Morales, E.A. (2017). *Staurosira patagonica* sp. nov., a new diatom (Bacillariophyta) from southern Argentina, with a discussion on the genus *Staurosira* Ehrenberg. *Nova Hedwigia Beiheft* 146: 103-123, 47 figs.

Maidana, N.I. & Corbella, H. (1997). Análisis preliminar de las asociaciones de diatomeas cuaternarias en un paleolago volcánico Santa Cruz austral, Argentina (Preliminary analysis of quaternary diatom assemblages in a volcanic paleolake. Southern Santa Cruz, Argentina). Actas del VI Congresso Brasileiro de Abequa, Curitiba, Brasil, pp. 336-340.