Validation of "*Nodosilinea signiensis* R.Radzi & F.Merican," *nom. inval.* (*Prochlorotrichaceae, Cyanophyceae*)

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Radzi *et al.* (2019) described and illustrated a new species of the cyanobacterial genus *Nodosilinea* R.B.Perkerson & D.A.Casamatta from terrestrial habitats at Signy Island, South Orkney Islands (Antarctica).

It has come to our attention that this binary designation was not validly published in accordance with the International Code of Nomenclature (ICN); the name of a new species is only valid when a holotype is indicated in its protologue (ICN Art. 40.1, Turland *et al.* 2018). Therefore, the required type designation is given below:

Nodosilinea signiensis R.Radzi & F.Merican, *sp. nov.*
Replaced binary designation: "*Nodosilinea signiensis* R.Radzi & F.Merican" *nom. inval.,* in Radzi *et al. PLoS One* 14: 11, pl. 5: fig 1 A–E, pl. 6: fig 2 A–G, 2019.
Description and illustrations: Radzi *et al.* (2019: 4-6, pl. 5: fig 1 A–E, pl. 6: fig 2 A–G).
Holotype:.No. 11833, deposited in the Herbarium of School of Biological Sciences, Universiti Sains Malaysia, Penang (**USM**).
Type locality: Antarctica: Signy Island, 60.6833° S, 45.6333° W. Mat samples were collected from cracks and crevices in rocks and beneath loose fragments of stone on a west-facing slope below Robin Peak.

Perkerson, R.B., III, Johansen, J.R, Kovácik, L., Brand, J., Kastovsky, J. & Casamatta, D.A. (2011). A unique pseudanabaenalean (cyanobacteria) genus *Nodosilinea* gen. nov. based on morphological and molecular data. *Journal of Phycology* 47(6): 1397-1412, 9 figs.

Radzi, R., Muangmai, N., Broady, P., Wan Omar, W.M., Lavoue, S., Convey, P. & Merican, F. (2019). *Nodosilinea signiensis* sp. nov. (Leptolyngbyaceae, Synechococcales), a new terrestrial cyanobacterium isolated from mats collected on Signy Island, South Orkney Islands, Antarctica. *PLOS One* 14(11 e0224395): 1-13, 5 figs, 1 table.

Turland, N.J., Wiersema, J.H., Barrie, F.R., Greuter, W., Hawksworth, D.L., Herendeen, P.S., Knapp, S., Kusber, W.-H., Li, D.-Z., Marhold, K., May, T.W., McNeill, J., Monro, A.M., Prado, J., Price, M.J. & Smith, G.F., editors (2018). International Code of Nomenclature for algae, fungi, and plants (Shenzhen Code) adopted by the Nineteenth International Botanical Congress Shenzhen, China, July 2017. Regnum Vegetabile, Vol. 159. pp. [i]-xxxviii, 1-253. Glashütten: Koeltz Botanical Books