

***Micrasterias foliacea* var. *nurulislamii* Levanets & Janse van Vuuren, *nom. nov.* (≡ “*Micrasterias foliacea* var. *spinosa* Islam & Ashrafi”, *nom. inval.*) (*Desmidiaceae*, *Zygnematophyceae*)**

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Nurul Islam & Begum (2004) published an account of the genus *Micrasterias* C.Agardh ex Ralfs from selected areas of Bangladesh and described a new variety of *Micrasterias foliacea* Bailey, “*Micrasterias foliacea* var. *spinosa* A.K.Islam & Ashrafi”. However, this varietal designation is invalid as a type was not designated in accordance with Art. 40.6 of ICN (Turland & al. 2018). In addition, the varietal name cannot be validated as “*Micrasterias foliacea* var. *spinosa* Islam & Ashrafi ex Levanets & Janse van Vuuren” as *Micrasterias foliacea* var. *spinosa* Levanets & Guiry (2021) would have priority. We propose here to describe it as a new variety.

Micrasterias foliacea* var. *nurulislamii* Levanets & Janse van Vuuren, *var. nov.

Replaced designation: “*Micrasterias foliacea* var. *spinosa* A.K.Islam & Ashrafi”, *nom. inval.*

Bangladesh Journal of Plant Taxonomy 11(2): 6, pl. 3: figs 12–14, 2004.

Description: Cells length 33–76 µm; median diameter of cells 34.5–77 µm; isthmus diameter 5–11.5 µm; cell wall covered with many stout, curved spines, unequal in size, incision between lobes usually widely open. The variety differs from the type mainly by the numerous spines on the cell walls.

Holotype: Nurul Islam & Begum (2004: 6, pl. 3: fig. 12, line drawing of the cell from a single gathering).

Type locality: Bangladesh: Gazipur, Kaliganj, in a ditch near Railway station, 14 August 1989.

Phycobank registration: <http://phycobank.org/103607>

Etymology: The new name honours National Professor of Bangladesh Abul Khayer Mohammed Nurul Islam (1928–2006) who discovered this variety.

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Levanets, A. & Guiry, M.D. (2021). Validation of desmid names (*Desmidiaceae*, *Zygnematophyceae*) described by G.A. Prowse from Malaysia and Singapore. *Notulae Algarum* 193: 1–3.

Nurul Islam, A.K.M. & Begum, A. (2004). Desmids from some selected areas of Bangladesh: 1. Genus *Micrasterias* Agardh. *Bangladesh Journal of Plant Taxonomy* 11(2): 1–14.

Prowse, G.A. (1969). Some new desmid taxa from Malaya and Singapore. *Gardens' Bulletin Singapore* 24: 337–346, 2 figs, 7 pls.

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.