
Validation of *Compactonostoc shennongjiaense* gen. et sp. nov. (Nostocaceae, Cyanobacteria)

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The generic designation “*Compactonostoc*” introduced by Cai *et al* (2019: 201) is invalid as it did not include the type of a valid name (ICN Art. 10.1, Turland *et al.* 2018) as the sole included binary designation “*Compactonostoc shennongjiaensis*” [*sic*] was invalid because it did not include a statement that the reference culture strain had been preserved in a metabolically inactive state as required by ICN Art. 40.8 since 1 January 2019. We here rectify this oversight.

Compactonostoc Fangfang Cai & Renhui Li, *gen. nov.*

Description: Cai *et al.* (2019: 201)

Type: *Compactonostoc shennongjiaense*, Fangfang Cai & Renhui Li, *sp. nov.* (below).

Note: *Compactonostoc* is a neuter noun.

Compactonostoc shennongjiaense Fangfang Cai & Renhui Li, *sp. nov.*

Holotype: Dry, metabolically inactive material of the reference culture strain CHAB 5781 was deposited at the Freshwater Algal Herbarium (**HBI**), Institute of Hydrobiology, Chinese Academy of Science, Wuhan, China, as SNJ201101.

Type locality: wet rocky wall, Shennongjia Forestry District, Hubei Province, China (31° 44.62'N, 110°30.92'E).

Reference culture strain: CHAB 5781.

Description: Cai *et al.* (2019: 201, figs 1-6).

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Cai, F., Li, X., Yang, Y., Jia, N., Huo, D. & Li, R. (2019). *Compactonostoc shennongjiaensis* gen. & sp. nov. (Nostocales, Cyanobacteria) from a wet rocky wall in China. *Phycologia* 58(2): 200-210, 50 figs, 1 table.

Turland, N.J., Wiersma, 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.