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**Type designations for *Cosmarium didymochondrum* var. *compressum* D.B. Williamson & C.F. Carter and *Staurodesmus calyxoides* var. *minor* D.B. Williamson & C.F. Carter (Charophyta, Desmidiaceae)**

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Two new varieties of desmids were published in *The Quekett Journal of Microscopy* in 2016 (Williamson & Carter 2016a, 2016b), inadvertently without an indication of a type for each name, and hence the names are nomenclaturally invalid under the current International Code of Nomenclature for algae, fungi and plants (ICN; McNeill *et al.* 2012). The present paper rectifies this invalidity.

***Cosmarium didymochondrum* var. *compressum* D.B. Williamson & C.F. Carter** *The Quekett Journal of Microscopy* 2016, 42(7), 598–599.

The iconotype is here designated as our Figure 1 in Williamson & Carter (2016a: 599) a copy of which has been deposited in the Natural History Museum London (BM) as BM001222088. The holotype equivalent is a preserved sample containing cells of the organism deposited at the same institution as BM001222083

***Staurodesmus calyxoides* var. *minor* D.B. Williamson & C.F. Carter** *The Quekett Journal of Microscopy* 2016, 42(8), 710–711.

The iconotype is here designated as our Figure 1 Williamson & Carter (2016b: 711) a copy of which has been deposited in the Natural History Museum, London, as BM001222088. The holotype equivalent is a preserved sample containing cells of the organism deposited at the same institution as BM001222082.

The latter name was also published mistakenly as var. *minus* instead of var. *minor*.

McNeill, J., Barrie, F.R., Buck, W.R., Demoulin, V., Greuter, W., Hawksworth, D.L., Herendeen, P.S., Knapp, S., Prado, J., Prud'homme van Reine, W.F., Smith, G.F., Wiersema, J.H. & Turland, N.J. (2012). *International Code of Nomenclature for algae, fungi and plants (Melbourne Code)* adopted by the Eighteenth International Botanical Congress Melbourne, Australia, July 2011 *Regnum Vegetabile*, Vol. 154. pp. [i]-xxx, 1-208. Königstein: Koeltz Scientific Books.

Williamson, D.B. & Carter, C.F. (2016a). *Cosmarium didymochondrum* Nordstedt var. *compressum* var. nova. A newly-found desmid variety from Northern England. *The Quekett Journal of Microscopy* 42: 598-599, fig. 1.

Williamson, D.B. & Carter, C.F. (2016b). *Staurodesmus calyxoides* var. *minus* var. nova. A newly discovered desmid and variety in the British Isles. *The Quekett Journal of Microscopy* 42: 710-711, 1 fig.