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***Halochloris* P.J.L.Dangeard – a correction – and *Neohalochloris* gen. nov.**

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Guiry (2017: 1) concluded that the genus *Halochloris* P.J.L.Dangeard (Dangeard 1965: 68), was invalid because the type species (*Halochloris marina* P.J.L.Dangeard) was invalid as no types were indicated as required by ICN Art. 40.1 (Melbourne Code, McNeill *et al.* 2012). However, several correspondents have pointed out to me that although Dangeard did not use the word ‘type’, he did indicate that the species was based on material in a single culture from Soulac (Soulac-sur-Mer, Gironde, Nouvelle-Aquitaine, SW Atlantic France), and he included 11 line-drawings (Dangeard 1965, pl. 1: figs 15-25) of individuals which could only have come from that culture, thus satisfying the requirement spelled out in ICN Art. 40.3 (Melbourne Code, McNeill *et al.* 2012): “Similarly, for the name of a new species or infraspecific taxon, mention of a single specimen or gathering or illustration ... even if that element is not explicitly designated as type, is acceptable as indication of the type...”. The individuals illustrated by Dangeard (1965, pl. I: figs 15-25) collectively constitute the holotype, even though he did not explicitly designate them as such. In accordance with Art. 40.6 (Melbourne Code, McNeill *et al.* 2012), before 1 January 1990 the explicit use of ‘typus’, ‘holotypus’ or their equivalents in a modern language is not a requirement for validity. *Halochloris marinum* P.J.L.Dangeard is thus a valid name and therefore the genus *Halochloris* P.J.L.Dangeard is valid.

Consequently, *Halochloris* P.J.L.Dangeard *ex* Guiry (1976) is an isonym (see ICN Art. 6, Note 2, Melbourne Code, McNeill *et al.* 2012) and has no nomenclatural standing.

However, *Halochloris* P.J.L.Dangeard is a later homonym (ICN Art 53; also see Note 5 under Art. 11) of *Halochloris* Unger, 1843, T: *H. cymodoceoides* Unger, a fossil from the Eocene of Monte Bolaca, Italy (Unger 1843: 55, pl. XVIII: figs 1-3) considered to be of uncertain taxonomic placement (e.g., Andrews 1970: 99). *Halochloris* P.J.L.Dangeard is thus illegitimate and requires replacement:

***Neohalochloris* gen. nov.**

≡ *Halochloris* P.J.L.Dangeard, 1965, *Botaniste* **48**: 68, *nom. illeg.* (*non* Unger 1843).

T: *Neohalochloris marina* (P.J.L.Dangeard) *comb. nov.*

Basionym: *Halochloris marina* P.J.L.Dangeard, *Le Botaniste* **48**: 68, 1965.

I am grateful to Drs K. N. Gandhi, G. Furnari and Wm. J. Woelkerling for their advice on this matter.

Andrews, H.N., Jr. (1970). Index of generic names of fossil plants, 1820-1965. Based on the Compendium Index of Paleobotany of the U.S. Geological Survey. *Geological Survey Bulletin* 1300: [i-iv], 1-354.

Dangeard, P.[J.L.] (1965). Sur deux Chlorococcales marines. *Le Botaniste* **48**: 65-74.

Guiry, M.D. (2017). Validation of some invalid names for green algae introduced by P.J.L. Dangeard. *Notulae Algarum* **42**: 1-2.

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.

Unger, F. (1843). *Chloris protogaea*. Beiträge zur Flora von Vorwelt. Heft 4-5. pp. 45-92, pl. 16-25.  
Leipzig: in Commission bei Wilhelm Engelmann.