

**Validation of the generic name *Heterojanczewskia* (Rhodomelaceae, Rhodophyta)**

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*Janczewskia* Solms-Laubach, a genus of red algal parasites, was established based on *Janczewskia verruciformis* Solms-Laubach from Naples, Italy, by Solms-Laubach (1877: 209).

*Janczewskia* was later separated into three sections (sectio): *Eujanczewskia* Setchell, *Heterojanczewskia* Setchell and *Stipitijanczewskia* Chang & Xia, based on branch development (Setchell 1914; Chang & Xia 1978). Recently, it was proposed to elevate *Janczewskia* sect. *Heterojanczewskia* Setchell (1914) to generic level, and three relevant species of *Janczewskia* were transferred to the genus (Nam 2022). However, the generic name *Heterojanczewskia* was not validly published because it was not accompanied by its basionym and reference to its previous valid publication (ICN Art. 41.5, Turland *et al.* 2018). Therefore, the basionym and direct reference to it are now provided to effect valid publication of the generic name and the relevant new combinations.

***Heterojanczewskia* (Setchell) K.W.Nam, *gen. et stat. nov.***

Description: Thallus parasitic; apical cell always sunk in an apical pit; central vegetative axis with two pericentral cells, recognizable only near apical cell; spermatangial structure with filament type usually in apical urn-shaped pit; tetrasporangia produced from random epidermal cells.

Basionym: *Janczewskia* Sectio *Heterojanczewskia* Setchell *University of California Publications in Botany* 6(1): 21, 1914.

Phycobank Registration: <http://phycobank.org/103408>

Lectotype (here designated): *Janczewskia gardneri* Setchell & Guernsey in Setchell, *University of California Publications in Botany*. 6(1): 12, 1914.

Phycobank Registration (type of sect. *Heterojanczewskia*): <http://phycobank.org/103412>

Note: Four species were included by Setchell (1914) in his Sectio *Heterojanczewskia*, but a type was not designated. A lectotype is designated above and a further three of these species are transferred below. *Janczewskia tasmanica* Falkenberg (in Schmitz & Falkenberg 1897: 432: fig. 243 C; 1901: 257, pl. 24; figs 18, 19) requires further study.

***Heterojanczewskia gardneri* (Setchell & Guernsey) K.W.Nam, *comb. nov.***

Basionym: *Janczewskia gardneri* Setchell & Guernsey in Setchell, *University of California Publications in Botany* 6(1): 12, 1914.

Phycobank Registration: <http://phycobank.org/103409>

***Heterojanczewskia moriformis* (Setchell) K.W.Nam, *comb. nov.***

Basionym: *Janczewskia moriformis* Setchell, *University of California Publications in Botany* 6(1): 11, 1914.

Phycobank Registration: <http://phycobank.org/103410>

***Heterojanczewskia lappacea* (Setchell) K.W.Nam, *comb. nov.***

Basionym: *Janczewskia lappacea* Setchell, *University of California Publications in Botany* 6(1): 14, 1914.

Phycobank Registration: <http://phycobank.org/103411>

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