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.


PhycoBank Registration: [http://phycobank.org/103408](http://phycobank.org/103408)


PhycoBank Registration (type of sect. *Heterojanczewskia*): [http://phycobank.org/103412](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.*


PhycoBank Registration: [http://phycobank.org/103409](http://phycobank.org/103409)

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


PhycoBank Registration: [http://phycobank.org/103410](http://phycobank.org/103410)

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


PhycoBank Registration: [http://phycobank.org/103411](http://phycobank.org/103411)

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