

Supplementary Material

***Licmophora* species (Bacillariophyta: Licmophorales) from Heron Island (Great Barrier Reef) and Melbourne, Australia, in comparison with similar species from Guam: evidence for endemism in a marine diatom genus**

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Fig. S1–S8. *Licmophora flabellata* valves, SEM from GBR1-1C. Fig. S1. External view entire valve, 12 intercalary rimoportulae. Fig. S2. Internal view of entire valve with 25 intercalary rimoportulae. Fig. S3. Internal view of a valve with 0 intercalary rimoportulae, apical rimoportula marked by arrow. Fig. S4, S5. Details of internal views (2 specimens) showing intercalary rimoportulae. Fig. S5 last intercalary rimoportula marked with arrow, same specimen as Fig. S2. Fig. S6, S7. Details of specimen in Fig. S1 showing twin apical spines, sloped apical pole, headpole rimoportula and three intercalary rimoportulae; basal pole with extensive multiscissura (~33 slits) and an isolated pore. Fig. S8. Basal pole with large rimoportula. Scale bars: Fig. S1–S3, 10 μm ; Fig. S4, S5, 5 μm ; Fig. S6–S8, 3 μm . See next page for images.

