



Figures S1-S4. Kallymeniaceae *in situ*. 1. *Leiomenia imbricata* Huisman & G.W.Saunders (Hibernia Reef). 2. *Leiomenia lacunata* Huisman & G.W.Saunders (Ashmore Reef). 3. *Austrokallymenia roensis* Huisman & G.W.Saunders (Roe Reef, Rottneest Island). 4. *Austrokallymenia cribrosa* (Harvey) Huisman & G.W.Saunders (Hamelin Bay, SW Australia).