

DIGITAL APPENDIX 2

SEM pictures of ostracodes from lakes of the Lacandón forest and Montebello. The abbreviations used for descriptions of the valves are: Cp (carapace), dv (dorsal view), ev (external view), iv (internal view), LV (left valve), and RV (right valve).

Chlamydotheca unispinosa (1A) LV, ev; (1B) LV, iv; (1C) RV, ev; (1D) RV, iv; (1E) muscle scars and spines on RV, iv. *Cytheridella ilosvayi* (2A) Cp, dv; (2B) RV, ev; (2C) RV, iv; (2D) LV, ev; (2E) ornamentation on RV, ev; (2F) muscle scars on RV, iv. *Pseudocandona antillana* (3A) LV, ev; (3B) RV, ev; (3C) LV, iv; (3D) RV, ev; (3E) muscle scars on RV, iv. *Darwinula stevensoni* (4A) LV, ev; (4B) LV, iv. *Vestalenula* sp. (5A) right Cp, ev; (5B) left Cp, ev. *Stenocypris major* (6A) LV, iv.

