

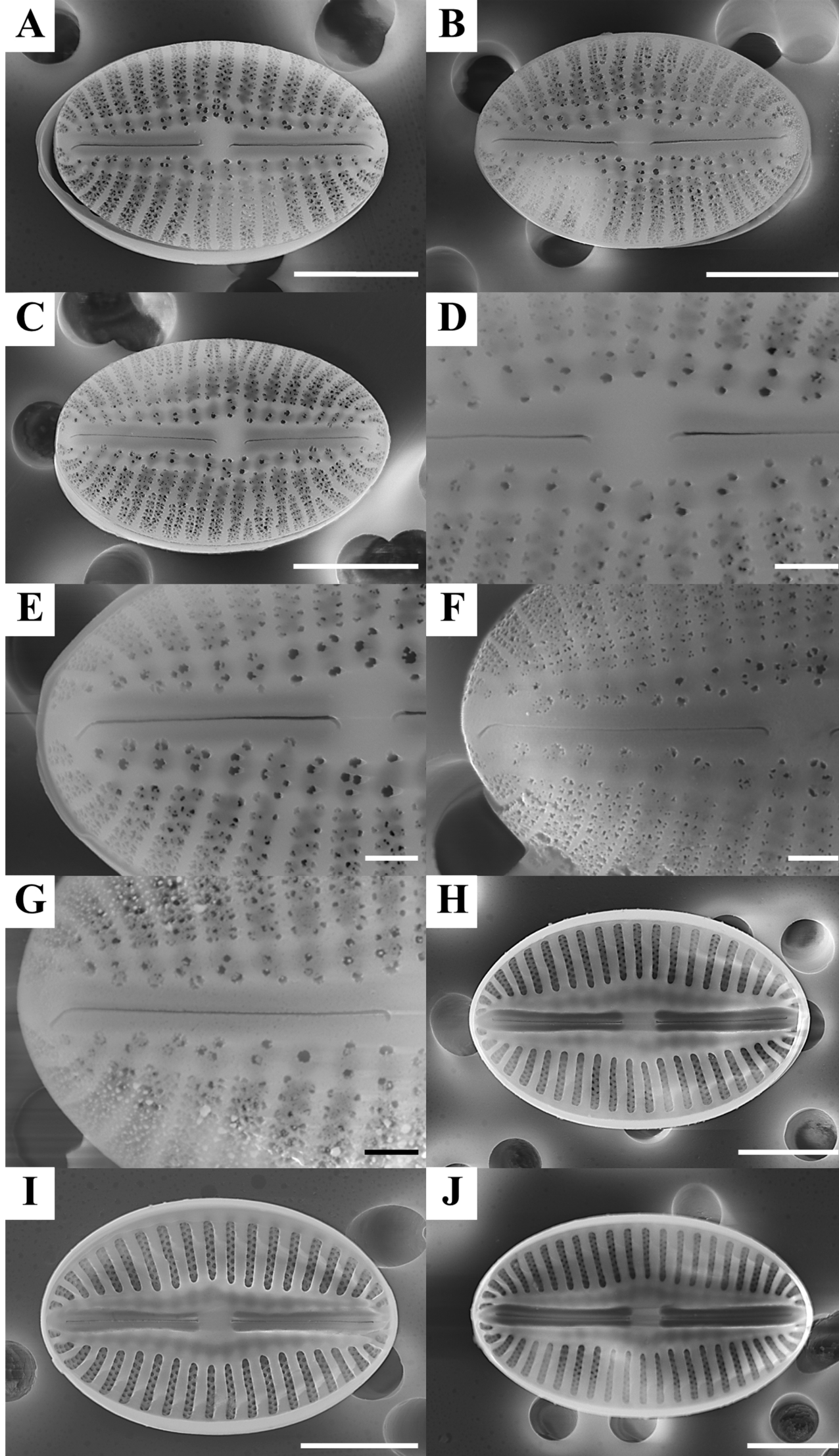


Figure S1. Additional scanning electron micrographs of strain TA13001 showing the raphe system in multiple valves. (A–C) External views of different valves showing the overall valve morphology and straight to nearly straight raphe branches. (D) External central region of another valve showing the proximal raphe endings. (E–G) External apical regions of three additional valves showing the distal raphe termination and short curved terminal fissures. (H–J) Internal views of different valves showing the internal valve architecture and straight raphe branches. Scale bars = 5 μm (A–C, H–J) and 1 μm (D–G).