ISSN 2755-3531

Journal of Conchology

Published by the Conchological Society of Great Britain and Ireland, established 1874

This is supplementary material (doi: 10.61733/jconch/4579s) to the article:

Xing-Xiao Wang X-X, Zhang S-Q. 2026. Taxonomic revision of *Phalium flammiferum breviculum* Tsi & Ma, 1980 (Gastropoda: Cassidae): elevation to species rank. *Journal of Conchology* **45** (6): 1034–1047. doi: 10.61733/jconch/4579

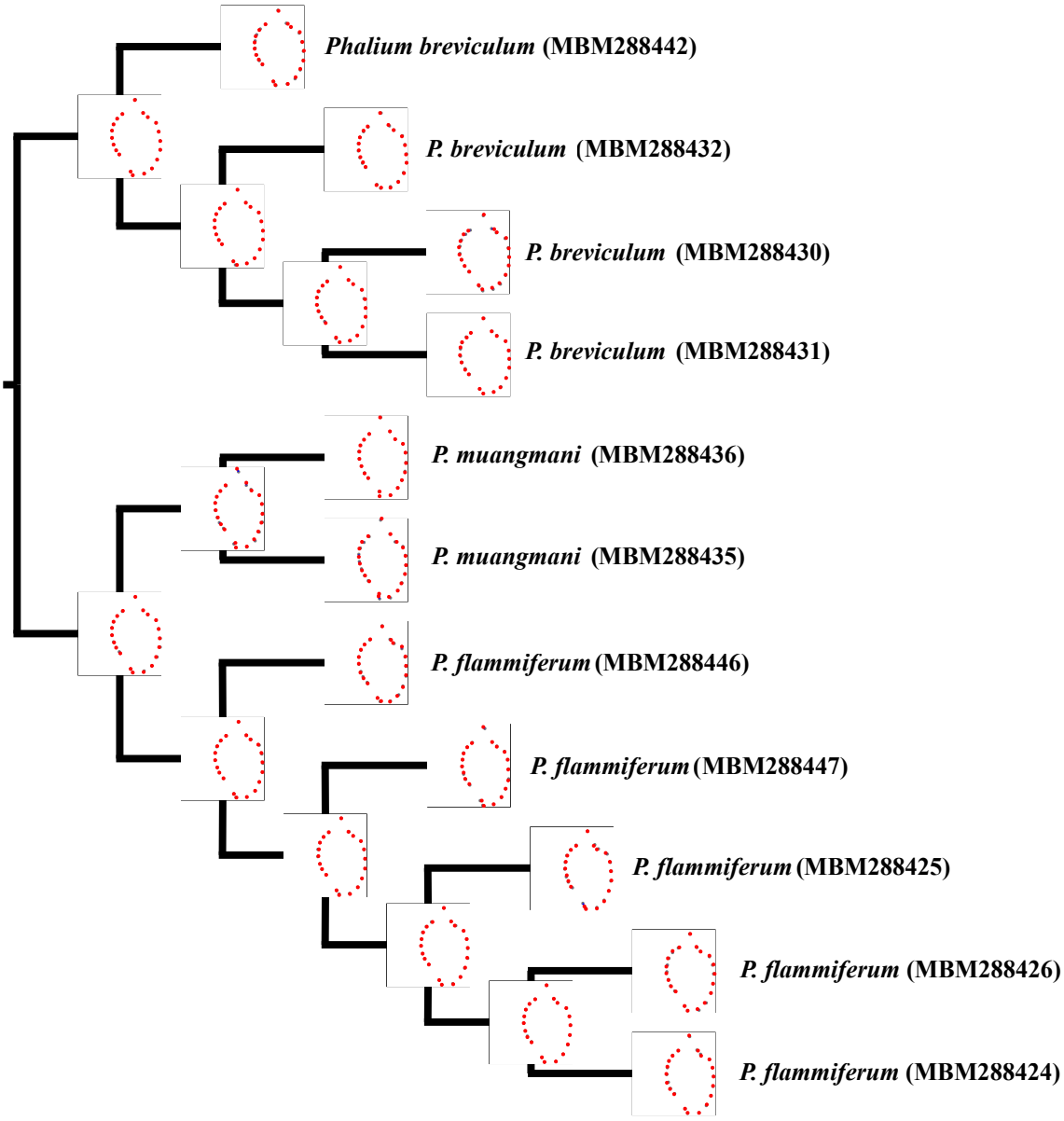


Figure S1. Mapping of shell landmark configurations onto the molecular phylogeny of three *Phalium* species. Procrustes-aligned landmark configurations were optimized onto the pruned molecular phylogeny using TNT. Red dots indicate landmark positions. Landmark configurations shown at terminal tips represent observed specimens, whereas those at internal nodes represent reconstructed ancestral configurations. Only specimens with both molecular data and comparable shell images were included.

©The authors. This work is freely available under the Creative Commons Attribution 4.0 International licence (CC BY 4.0).

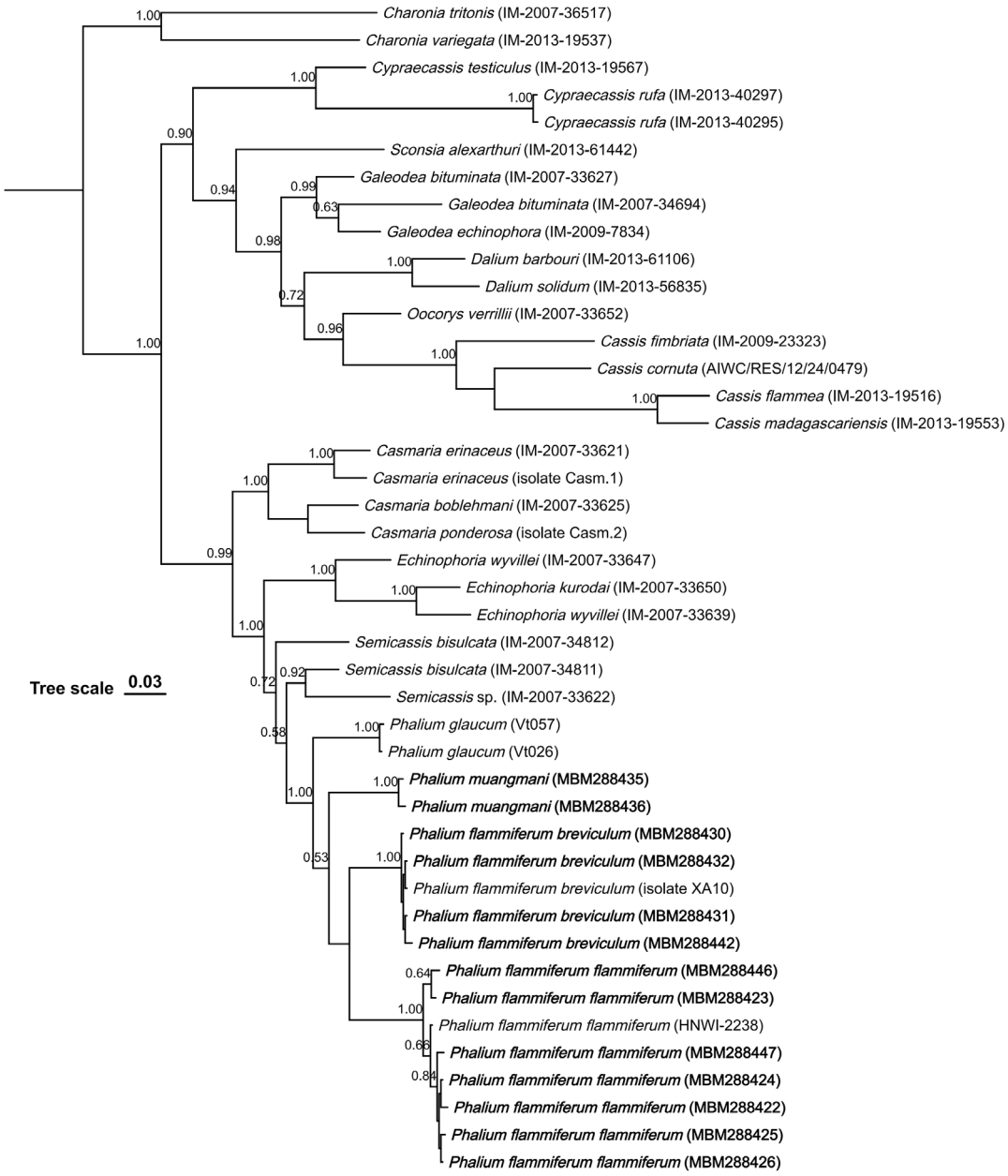


Figure S2. Phylogenetic tree inferred by Bayesian analysis (BI) from sequences of COI gene. Numbers adjacent to nodes refer to BI posterior probability (PP > 0.5).

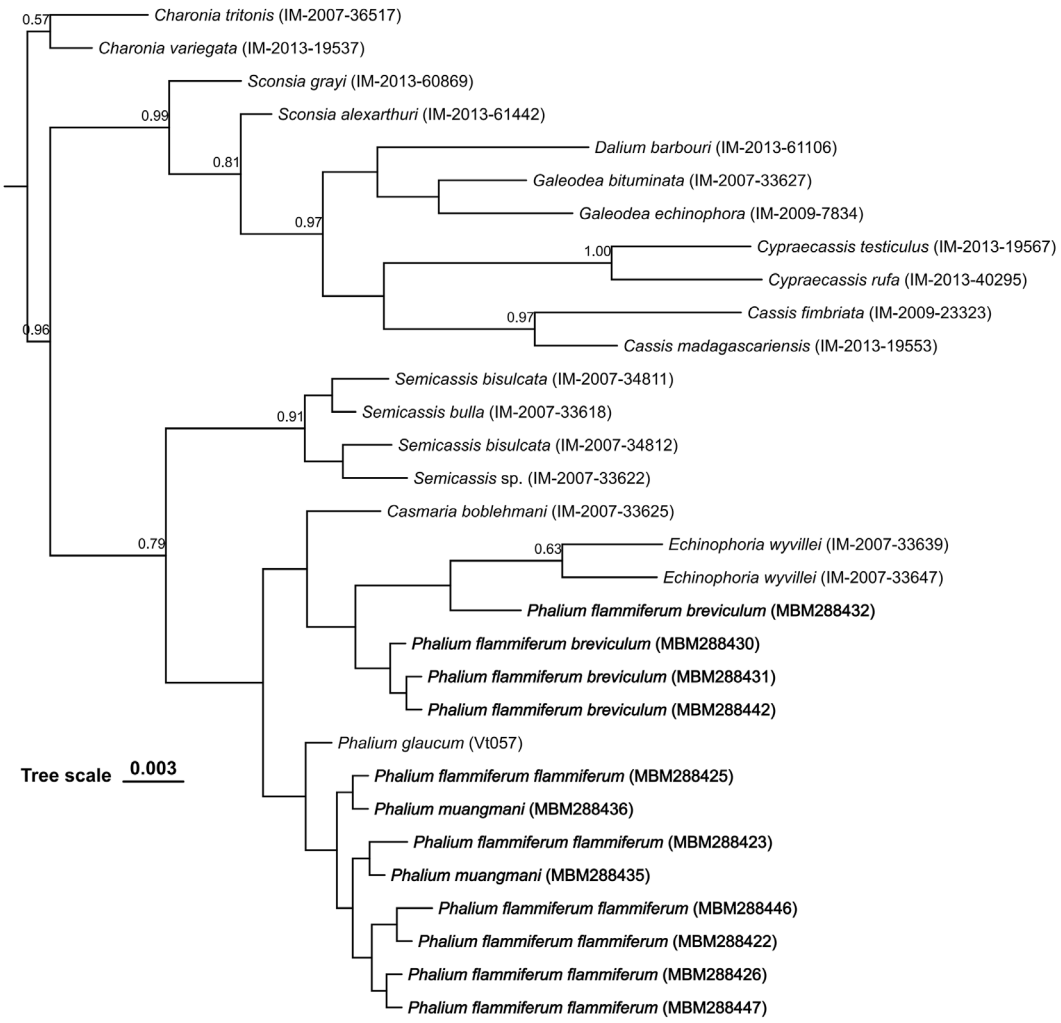


Figure S3. Phylogenetic tree inferred by Bayesian analysis (BI) from sequences of 28S gene. Numbers adjacent to nodes refer to BI posterior probability (PP > 0.5).



Figure S4. The 10 best partitions inferred by the Assemble Species by Automatic Partitioning (ASAP). The lowest score (generally considered to be the most supported partition scheme) are marked by a red box.