

1 **Running head:** PLACING FOSSILS WITH MORPHOMETRIC DATA

2 **Title:** Bayesian and likelihood placement of fossils on phylogenies from quantitative  
3 morphometrics

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9 **Acknowledgements** I thank James Saulsbury, Gregory Stull, Joseph Walker, and Stephen Smith for  
10 helpful comments that improved the manuscript. I also greatly thank Iju Chen and Steven  
11 Manchester for providing the Vitaceae measurement data, and Gregory Stull for coordinating and  
12 helping to prepare the data for analysis.

13 **Supplementary Data** All supplemental material, including scripts, newick files, morphological and  
14 molecular alignments used in this study are available as a GitHub repository  
15 ([https://github.com/carolinetomo/fossil\\_placement\\_tests](https://github.com/carolinetomo/fossil_placement_tests)).

16 **Author Contributions** CPF designed, implemented, and tested the method and performed the  
17 analyses of simulated and empirical data.