Title: Predator-prey interaction outcomes in terrestrial invertebrates are determined by predator body size and species identity, but not hunting traits as inferred from diet DNA metabarcoding data

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**Acknowledgements**

This project was funded by the National Science Foundation (DEB #1457371), National Geographic Society, and a Faculty Research Grant from the UC Santa Barbara Academic Senate. We would like to thank J. Smith, M. Espinoza, C. Johnston, C. Steel, E. Lutz, and T. Chou for help with field and lab work. We would like to thank the U.S. Fish and Wildlife Service and The Nature Conservancy on Palmyra Atoll for supporting field work for this project. R. Oono provided laboratory space and equipment and we acknowledge the use of the Biological Nanostructures Laboratory within the California NanoSystems Institute, supported by the University of California (UC) Santa Barbara and the University of California Office of the President. We acknowledge the use of computational facilities at the Center for Scientific Computing (CSC), which was purchased with funds from the National Science Foundation (CNS-1725797) and is supported by the California NanoSystems Institute and the Materials Research Science and Engineering Center (MRSEC; NSF DMR 1720256) at UC Santa Barbara. We thank C. Owens, R. Harris-Gavin, S. Copeland, G. Titcomb, H. Lowman, C. Jerde, M. Lee, and R. Ramiro for help in aspects of editing this manuscript. We thank XX anonymous reviewers for help revising this manuscript. This is publication number PARC-XXX from the Palmyra Atoll Research Consortium.

**Author Contributions**

AM-tK, AA, and HY conceived the ideas of this study. AMtK, AB, EF, DO, ML, TB, JC, RD, MK, KL, JM, CM, KP, and DW conducted field work for this study. AM-tK, AA, AB, RB, TB, MK, ML, MM, JM, KP, and RY conducted laboratory work for this study. AMtK led the writing of this manuscript with conceptual contributions from AA, AB, BD, EF, ML, DO, DP, RD, KL, and HY and all authors provided editorial and intellectual feedback on aspects of the manuscript. All authors have read and agree to the content of this manuscript.

**Data Availability**

Raw DNA sequencing data for this project can be found on GenBank (BioProject: PRJNA715709). Processed data, code, and analyses can be found on GitHub (https://github.com/anamtk/DNA\_predators) and will be published on Dryad upon article acceptance. Additional data were drawn from Sohlström, Lucas, et al., 2018; Sohlström, Marian, et al., 2018; Su et al., 2020; and Yaninek & Gnanvossou, 1993.