**Supplementary Datasheet, Appendix S2**

This appendix is to accompany (Whitney C. Preisser, Adrian A. Castellanos, John M. Kinsella, Ronald Vargas, Eugenio Gonzalez, Jesús A. Fernández, Norman O. Dronen, A. Michelle Lawing, and Jessica E. Light, "Taxonomic scale and community organization impact observed latitudinal gradients of parasite diversity") published in the Journal of Biogeography.

MasterData:

ID2 – Specimen identification

species – Host species

Sex – Host sex

Genus – Host genus

Species – Host species epithet

Species\_Name – Host species

Collection Date – Date specimens were collected

Country – Country of collection

State – State of collection

Preparator – Person who prepped specimens

Prep # – Prep # for each individual

Locality – Approximate collection locality for each host

Comments – Preparation notes

Latitude – Approximate latitudinal coordinate of the collection locality

Longitude – Approximate longitudinal coordinate of the collection locality

Notes – Collection notes

Mass – Host body mass

Diet – Not used for these analyses

wc2.0\_bio... – WorldClim data (from Hijmans et al. 2015): renamed in R code

Parasite species – abundance of each parasite species for each host individual

SpecimenAccession:

ID2 – Specimen identification

species – Host species

Collection – Natural history collection where specimens were deposited

Accession\_Number – Accession number for each host individual

Specimen\_Type – Specimen type archived into the collection