School of Natural Resources and the Environment, University of Arizona 1064 East Lowell St., Tucson, AZ 85721- USA

October 25, 2017

Dear Dr. Fernando Álvarez Noguera Revista Mexicana de Biodiversidad Editorial Office

We wish to submit an original research article entitled "A resurrection of the Tamaulipas white-sided jackrabbit, *Lepus altamirae*, based on DNA sequence data" for consideration by the Revista Mexicana de Biodiversidad. We confirm that this work is original and has not been published elsewhere, nor is it currently under consideration for publication elsewhere.

Our research supports E.W. Nelson's placement of the Tamaulipas jackrabbit (*Lepus altamirae*) as a species within the white-sided group of jackrabbits. In our study, we compared the original five specimens of the Tamaulipas jackrabbit collected in 1898 to specimens of other white-sided jackrabbits. We also conducted a phylogenetic analysis to estimate the evolutionary relationship of the Tamaulipas jackrabbit to other North American *Lepus* species. Our analyses suggest that *Lepus altamirae* is most closely related to other white-sided species; therefore, it warrants taxonomic restoration as a species within the white-sided group of jackrabbits.

This is significant because the Tamaulipas jackrabbit is an isolated species confined to the tropic-subtropic savannas of southern Tamaulipas, which may have suffered a reduction in distribution. We believe this manuscript not only adds to our current knowledge of a white-sided species of jackrabbit native to southern Tamaulipas that may still be extant, but this study and further research may be essential to preserving and protecting an important element of Mexico's biodiversity.

We have no conflicts of interest to disclose.

If you feel that the manuscript is appropriate for your journal, we suggest the following reviewers:

Dra. Consuelo Lorenzo Monterrubio

El Colegio de la Frontera Sur, Departamento Conservación de la Biodiversidad, Grupo Académico Ecología Evolutiva y Conservación. E-mail: clorenzo@ecosur.mx Phone: (967) 674 90 00;1309.

Dra. Karla Pelz Serrano

Universidad Autónoma Metropolitana, Departamento de Ciencias Ambientales. E-mail: k.pelz@correo.ler.uam.mx Phone: (728) 282-2785

Dr. Andrew Smith

Arizona State University, School of Life Sciences. IUCN Lagomorph Specialist Group. E-mail: a.smith@asu.edu Phone: (1) 480-965-4024

Myles Traphagen

Wildlands Network, Borderlands Program. IUCN Red List Authority Coordinator for the Lagomorph Specialist Group. E-mail: mbtrap@gmail.com Phone: 520-991-6368

Please address all correspondence concerning this manuscript to me at karlayargas@email.arizona.edu

Thank you for your consideration.

Sincerely,

Karla L. Vargas