



Paleoecology, Evolution, Biogeography and Systematics of Quaternary Ground Sloths

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submissions:

closed (30 June 2023)

Message from the Guest Editors

Dear Colleagues,

As the title of the volume “Paleoecology, Evolution, Biogeography and Systematics of Quaternary Ground Sloths” indicates, there are only two constraints on the articles submitted, i.e., that the primary taxonomic unit is on an extinct sloth and that it is a taxon from the Quaternary. Within those two parameters, articles that address any aspect of sloth paleoecology using any approach such as stable isotopes, evolutionary aspects of the sloth, distribution and biogeography, and possible causes of extinction of sloths at the end of the Pleistocene are welcome. While broader taxonomic relationships may be addressed, we do not anticipate including the description of new sloth taxa as that may be better addressed in other journals, although functional anatomy as related to the sloth’s ecology is welcome. Information on Quaternary sloths based on trace fossils such as tracks and coprolites is also welcome in the volume. A diversity of approaches is welcome, and it is hoped that geographically, we can cover all regions from which Quaternary sloths are known.

Thank you for your interest in this volume, and I look forward to seeing your submission.





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Message from the Editor-in-Chief

We live in a Quaternary world, that is, a world shaped by the interplay of the different compartments of the earth system—lithosphere, hydrosphere, atmosphere, biosphere, cryosphere—during the last ~2.6 million years. It is not possible to understand the current world—and, hence, to anticipate its possible future developments—without knowing the Quaternary history of drivers, processes, and mechanisms that have generated it. Our own species is an evolutionary outcome of the Quaternary performance. Therefore, the journal *Quaternary* is born with the aim of being an integrative journal to encompass all aspects of Quaternary science focused on understanding the complex world in which we live and to provide a sound scientific basis to anticipate possible future trends and inform environmental policies.

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