



animals



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Bone Morphology in Paleontology and Evolution Research

Guest Editor:

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submissions:

closed (31 December 2021)

Message from the Guest Editor

One of the most interesting aspects of the macroscopic and microscopic morphological characteristics of ancient animal bones is that their study can be used to research and establish phylogenetic relationships between taxa. From this point of view, paleoanatomy and paleohistology acquire great importance in the comparative anatomy and paleontological field, as they provide useful tools for understanding evolutionary processes and achieving results that even paleogenetics cannot provide, leading to a sort of revenge of the morphological sciences on the biomolecular ones. You are invited to submit your work on these topics. In particular, we welcome histomorphometric studies on osteons, the relief of growth arrest lines, and the calculation of skeletal chronology as well as all other original studies of extinct animals that evaluate possible correlations between bone morphology and evolution.



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Special Issue



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Message from the Editor-in-Chief

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