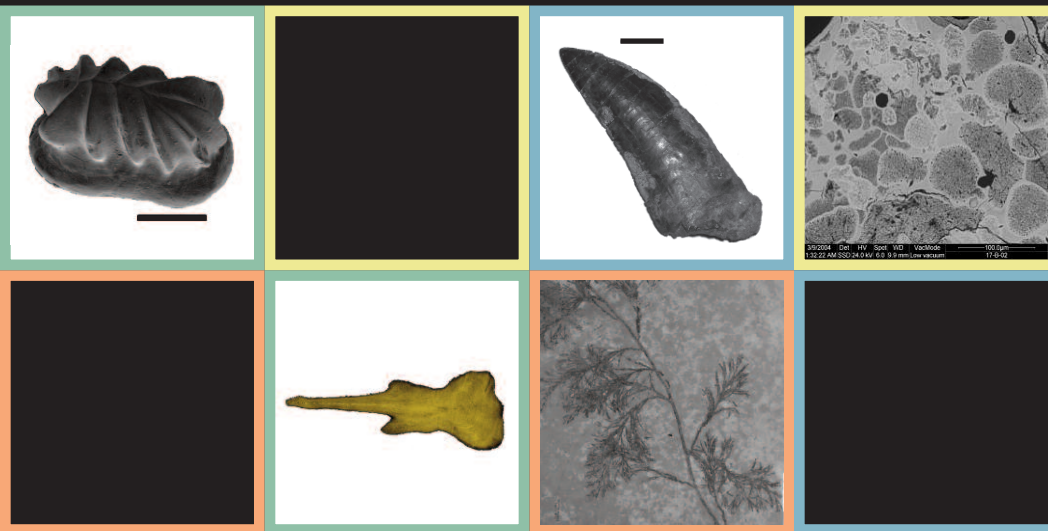


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New perspectives on the Evolution of Phanerozoic Biotas and Ecosystems



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CONFERENCE PROCEEDINGS

New rhinocerotid remains from the Late Miocene locality of Corral de Lobato (Guadalajara, Spain)

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The Late Miocene locality of Corral de Lobato (Guadalajara Province, Spain) is of particular interest for bracketing the transition between the Turolian and Ventian faunas in the Iberian Peninsula.

The presence of the rhinoceros *Dihoplus cf. Dihoplus schleiermacheri* was originally reported in Pérez *et al.* (2013). From there on, posterior expeditions generated additional remains. *D. schleiermacheri* is one of the largest Miocene rhinoceroses.

Its biostratigraphic distribution extends from the late Vallesian (MN9 Mein's Biozone) to the basal Pliocene (MN14) of Alcoy-Mina, where it remained as a relict taxon. The rhinoceros collection from Corral de Lobato includes isolated upper and lower teeth, two metacarpals, a distal fragment of a tibia and an ectocuneiform. While morphologically similar to the type species from Eppelsheim, the sample shows particularly robust postcranial proportions coincident with other Iberian localities from the late Vallesian and lower Turolian like La Roma or Crevillente-2 (Cerdeño, 1989). However, the observed particular dental features justify its open nomenclature and additional material might help precise its taxonomic determination.

References

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