SUPPLEMENTARY ONLINE MATERIAL FOR

The first pipizine hoverfly genus and species from the Oligocene of Céreste, France

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Supplementary Online Material

Fig. 1. Energy-dispersive X-ray spectra.

Fig. 2. Fossil pollen grains.

Table 1. Matrix of taxa/characters used in the phylogenetic analysis.
Fig. 1. Energy-dispersive X-ray spectra of the sediment matrix and of material from the thorax of *Oligopipiza quadriguttata* gen. nov., sp. nov., Rupélian, Céreste, holotype S01, with the locations of the analyzed material indicated. Abscissa in keV, ordinate in cps/eV. Scale bar = 1 mm.
Fig. 2. Fossil pollen grains found on the matrix. Rupelian, Céreste. A. Two fossil pollen grains found on matrix (optical microscopy). B. Pollen grain of a Pinaceae sp. (ESEM, BSE). Scale bars = 40 µm (A), 20 µm (B).
Table 1. Matrix of taxa/characters used in the phylogenetic analysis, after Mengual et al. (2015), with *Oligopipiza* added (Oligopquad).

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   Chalaruspu
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   Brachypalp
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   Callicerau
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   Cerianacon
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   Cheilosias
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   Chrysogast
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   Criorhinia
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   Eristalist
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