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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.

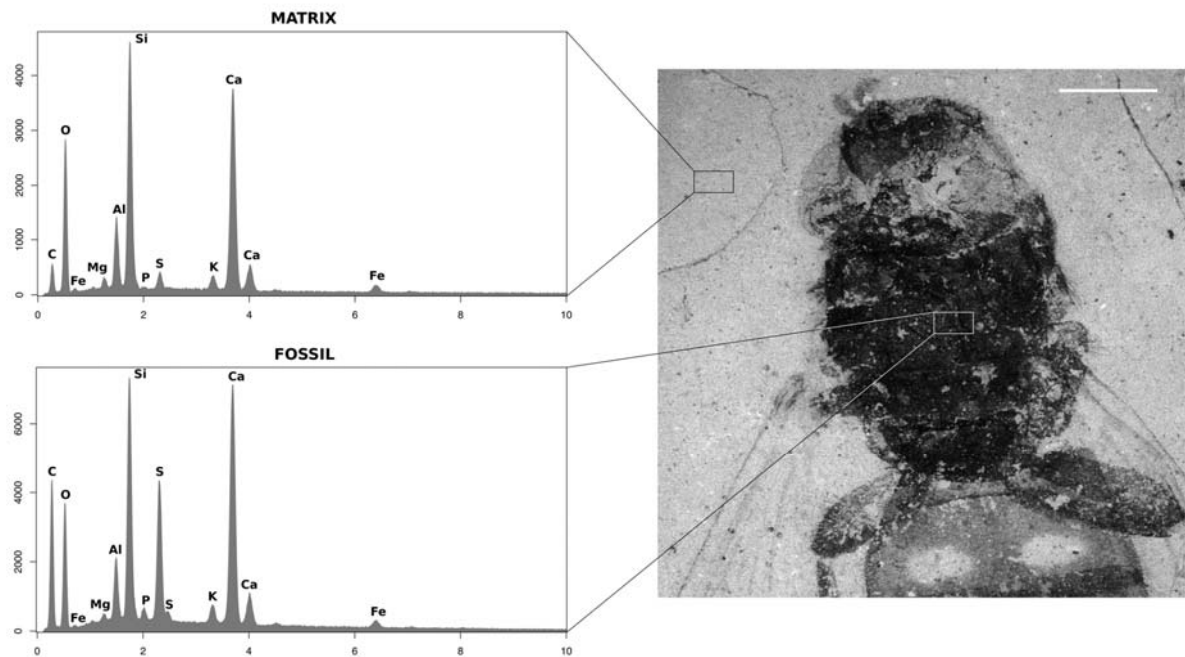


Fig. 2. Fossil pollen grains found on the matrix. Rupelian, Céreste. **A.** Two fossil pollen grains found on matrix (optical microscopy). **B.** Pollen grain of a Pinaceae sp. (ESEM, BSE). Scale bars = 40 μm (A), 20 μm (B).

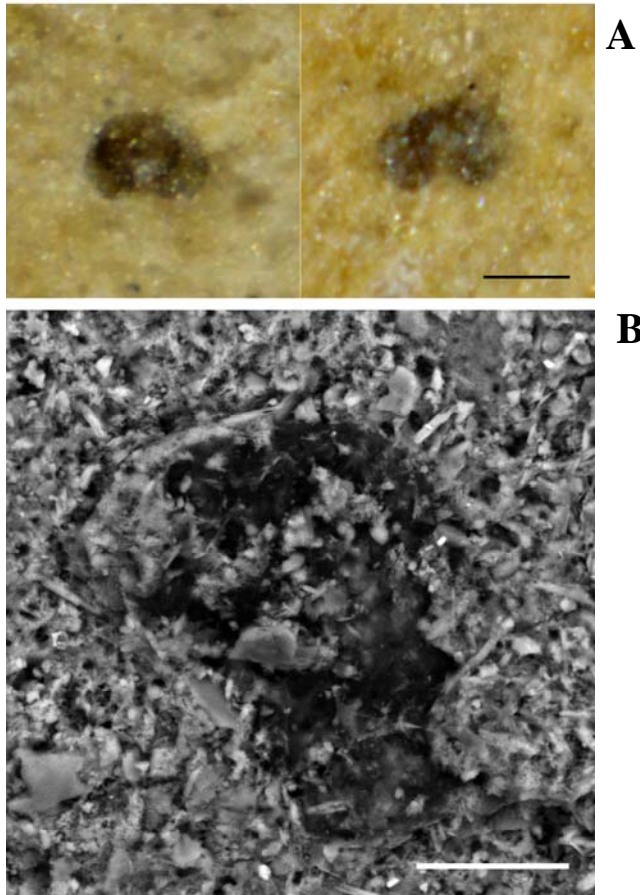


Table 1. Matrix of taxa/characters used in the phylogenetic analysis, after Mengual et al. (2015), with *Oligopipiza* added (Oligopquad).

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