



http://app.pan.pl/SOM/app66-Palopolo_etal_SOM.pdf

SUPPLEMENTARY ONLINE MATERIAL FOR

A new zoroasterid asteroid from the Eocene of Seymour Island, Antarctica

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Supplementary Online Material

SOM 1. Phylogenetic matrix used for PAUP analysis. Characters 1-70 were taken from Mah (2007) database. Characters 71-79 and *Zoroaster marambioensis* sp. nov. codes were added on this publication.

For character codification see Mah (2007) and Appendix 1 in Palópolo et al. 2021. Missing or not observed characters were coded as “?”

File available at http://app.pan.pl/SOM/app66-Palopolo_etal_SOM/SOM1.nex

SOM 2. Dinamic digital 3D models of *Zoroaster marambioensis* sp. nov.

A: Video animation of digital 3D models for IAA-Pi-373-E
available at http://app.pan.pl/SOM/app66-Palopolo_etal_SOM/SOM2_A.wmv

B: Video animation of digital 3D models for IAA-Pi-373-D
available at http://app.pan.pl/SOM/app66-Palopolo_etal_SOM/SOM2_B.wmv

C: Video animation of digital 3D models for IAA-Pi-373-G
available at http://app.pan.pl/SOM/app66-Palopolo_etal_SOM/SOM2_C.wmv

Palópolo, E.E., Brezina, S.S., Casadio, S., Griffin, M., and Santillana, S. 2021. A new zoroasterid asteroid from the Eocene of Seymour Island, Antarctica. *Acta Palaeontologica Polonica* 66. <https://doi.org/10.4202/app.00714.2019>

Mah, C.L. 2007. Phylogeny of the Zoroasteridae (Zorocallina; Forcipulatida): evolutionary events in deep-sea Asteroidea displaying Palaeozoic features. *Zoological Journal of the Linnean Society* 150: 177–210.