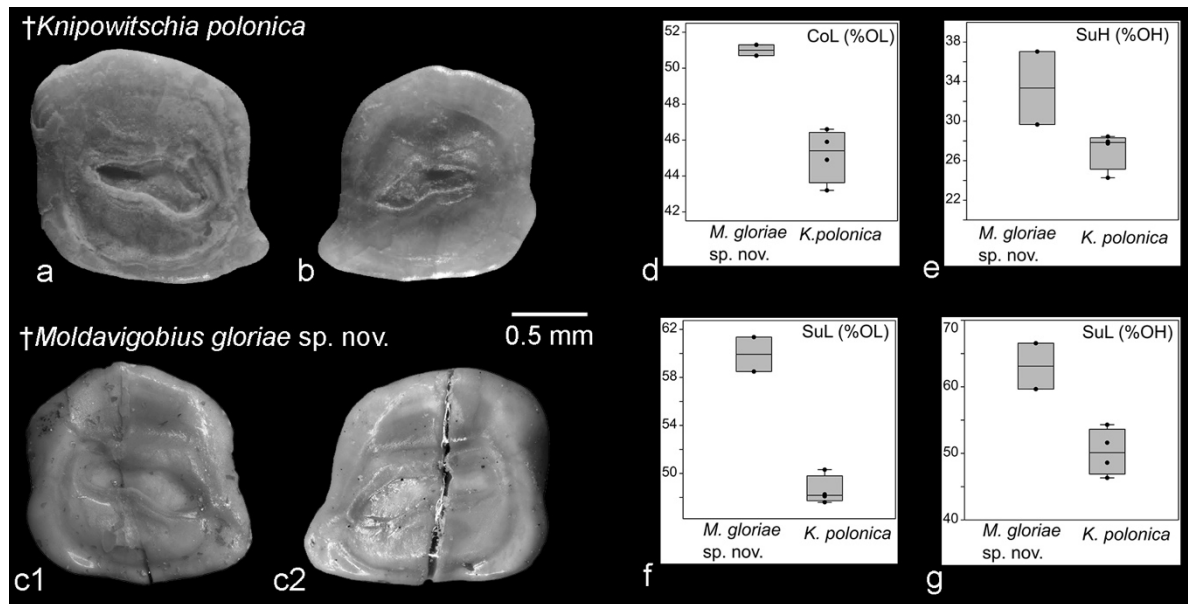




Supplementary Data 5. Morphology and morphometry of the otoliths (sagittae) of †*Knipowitschia polonica* Schwarzhans, Brzobohatý & Radwańska, 2020 from the lower Middle Miocene of the Central Paratethys and †*Moldavigobius gloriae* sp. nov. from the upper Middle Miocene of Karpov Yar in the Eastern Paratethys.

a, b holotype and paratype of †*K. polonica*, refigured from Schwarzhans et al. (2020: pl. 9, figs. 15, 16).

c1, c2 sagitta pair preserved in situ in the holotype of †*M. gloriae* sp. nov. (PIN 5274/46a-b).

d–g boxplots depicting significant differences between the two species in the relative size of the colliculum (**d**) and sulcus (**e–g**) (Mann-Whitney U-test with Monte Carlo permutation, $p < 0.05$).

Abbreviations: **CoL**, colliculum length; **OL**, maximum otolith length; **OH**, maximum otolith height; **SuH**, vertical sulcus height; **SuL**, horizontal sulcus length