

Interactive
Comment

Interactive comment on “Invertebrate fossils from cave sediments: a new proxy for pre-Quaternary paleoenvironments” by O. T. Moldovan et al.

O. T. Moldovan et al.

oanamol35@yahoo.com

Received and published: 14 June 2011

We truly thank you for suggesting ways to improve our submitted contribution.

- SPELLING CORRECTIONS All suggested corrections and edits were included in the revised form of the manuscript – thanks again!

- SPECIFIC NOTES KEYED TO MARKED MS A: While the possibility of extreme flow events cannot be, in theory, ruled out, in this specific case of the chironomid identified in the C1 sample we believe this is hard to argue. The sediment structure of those layers (fine laminated silt and clay, Zupan-Hajna et al., 2008) rather indicates a “suspension” sediment and a low-energy hydraulic regime.

B: If changes in hydrology could affect the survival of a species is an interesting topic

C1524

Full Screen / Esc

Printer-friendly Version

Interactive Discussion

Discussion Paper



for discussion. Water availability is for most species, even terrestrial, very important in species distribution. However, hydrology is less important for terrestrial groups such as the Oribatida. These, even if less mobile, can move with the vegetation, which, in turn, depends chiefly on climate and water availability. While, for aquatic species, it is strongly possible that changes in hydrology would lead to species extinction, in our discussion we specifically refer to Oribatida and therefore we feel that the hydrological regime is less significant.

C: Citations have been included in the manuscript.

Interactive comment on Biogeosciences Discuss., 8, 3403, 2011.

BGD

8, C1524–C1525, 2011

Interactive
Comment

Full Screen / Esc

Printer-friendly Version

Interactive Discussion

Discussion Paper

C1525

