

# Ostracodology - Linking Bio- And Geosciences

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Ostracods, small aquatic Crustacea, occur in almost every marine, brackish and freshwater habitat. Their calcified bivalved carapaces readily fossilize and their record in earth history is long, dense and diverse. Ostracod species are particularly useful as tools in marine and limnic (palaeo-) ecology, in (palaeo-) biogeography, and biostratigraphy. Their reproductive morphology is as extraordinary as their reproductive modes, and many of their physiological peculiarities remain mysterious. Ostracod taxonomy and phylogeny contribute to general studies of crustacean evolution. The diversity of ostracod applications in both biology and palaeontology is clearly illustrated by the eighteen papers of the 15th International Symposium on Ostracoda (Berlin, Germany) in 2005, which are grouped in the present proceedings, one of three volumes resulting from this meeting. EAN/ISBN : 9781402064180 Publisher(s): Springer Netherlands Format: ePub/PDF Author(s): Matzke-Karasz, Renate - Martens, Koen - Schudack, Michael

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