

# FRESHWATER OSTRACODA FROM THE UPPER CRETACEOUS INTERTRAPPEAN BEDS AT MAMONI (KOTA DISTRICT), SOUTHEASTERN RAJASTHAN, INDIA

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## *Abstract*

Eight species, none of which were very abundant, were encountered at Mamoni, in the Kota District of southeastern Rajasthan State, India. The fauna was recovered from an approximately 1 m thick bed of cherty marl and chert overlying a volcanic sequence, near the village of Mamoni. This is the most northerly occurrence of intertrappean deposits. The low diversity of the fauna is probably due to low abundance. Two new species, *Mongolianella subarcuata* sp. nov. and *Eucypris cantantion* sp. nov. are described, which demonstrates the fact that even a low diversity fauna from such an isolated locality can reveal new species. The remaining six species have all been described from deposits of the same age from elsewhere to the south and west in the Deccan Volcanic Province.

*Keywords:* Freshwater Ostracoda, Upper Cretaceous, Intertrappeans, Deccan, India.

## *Resumen*

Se describen ocho especies de ostrácodos procedentes del Cretácico Superior de Mamoni, distrito de Kota, región sudoriental del Estado de Rajastán, India. El número de ejemplares de cada una de ellas es bajo, y fueron recogidos en un nivel de aproximadamente 1 m de espesor de marga con chert sobre una secuencia volcánica, cerca del pueblo de Mamoni. Este hallazgo representa el registro más septentrional en depósitos intertrappeanos. Se describen dos especies nuevas: *Mongolianella subarcuata* sp. nov. y *Eucypris cantantion* sp. nov. A pesar de ser una asociación de baja diversidad resulta, sin embargo, posible el hallazgo de especies nuevas en localidades aisladas. Las otras seis especies que se describen son conocidas en localidades más meridionales y occidentales, de la Provincia volcánica del Deccan.

*Palabras clave:* Ostrácodos dulceacuícolas, Cretácico Superior, Intertrappeano, Deccan, India.