PALAEOZOOGEOGRAPHY OF SOME EARLY CRETACEOUS OSTRACODS AND THEIR BIOSTRATIGRAPHICAL APPROACH

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It was identified 15 non-marine ostracods species in core samples from Alagamar Formation (Aptian), Potiguar basin, NE Brazil. Ten out of these 15 species were recognised as having a greater palaeogeographic distribution and all their occurrences, are herein listed: Harbinia sinuata (Krömmelbein & Weber, 1971); H. sp.1.; H. sp.2; H. sp.3; Paracypridia sp.1; Cypridea araripensis Silva, 1978b; Cypridea sp.1; Ilyocyprimorpha berthoui (Colin & Depeche, 1997); Ilyocypris? sp.1; Brasacypris sp.1; Candonina? sp.1, Theriosyneicum quadridomodos (Silva, 1978a); T. silvai (Silva, 1978a); T. sp.1 and Darwinula martinsi Silva, 1978c. Harbinia sinuata (Araripe and Alagoas basins), H. sp.1 (Araripe basin), H. sp.2 (Araripe, Alagoas and Espírito Santo basins), H. sp.3 (Gabão basin), Candonina? sp.1 (Araripe and Alagoas basins), I. berthoui (Araripe, Doba, Doseo and Bongor basins), C. araripensis (Araripe basin), T. quadrimodos (Araripe, Doba, Doseo and Bongor), T. silvai (Araripe, Doba, Doseo and Bongor) and D. martinsi (Araripe basin). Just three out of this ten species, H. sinuata, H. sp.2 and Candona? sp.1, have their occurrences registered in type-section of the Alagoas Stage, and are considered guide-species of the Biozone Cytheridea? spp. gr. 201/218. Other seven species have not been registered in the type-section of Alagoas Stage, but they have occurrences restricted to Aptian Stage and, considering their widespread, they might be also used for bioestratigraphic correlation.

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