

NEW SPECIES OF OSTRACODA FROM THE UPPER CRETACEOUS CHALK (CONIACIAN TO LOWER MAASTRICHTIAN) OF EAST ANGLIA, U.K.

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Abstract

Sixteen new species and one subspecies are described from the Coniacian to Lower Maastrichtian of East Anglia: *Argilloecia argillos*, *Argilloecia cretula*, *Asciocythere hadratos*, *Asciocythere prionodes*, *Eucythere ovoides*, *Eucythere sphenarion*, *Saida prasutegusi*, *Semicytherura fasciculata*, *Cytheropteron apeorus*, *C. cathetos*, *Sagmatocythere orthros*, *Paijenborchella biponticulata*, *Mosaeleberis dictyotos*, *Mosaeleberis pseudomacrophthalma*, *Spinoleberis ceraunos*, *Cythereis campanianica*, *Cythereis ornatissima icenica*. The ostracods, some 80,000 in total, were recovered from the Trunch Borehole and from a number of outcrop localities in Norfolk and Suffolk. Some biostratigraphical and palaeoecological comments are included.

Keywords: Ostracoda, New species, Upper Cretaceous, East Anglia, U.K.

Resumen

Se describen quince nuevas especies y una nueva subespecie de ostrácodos en depósitos de edad Coniaciense a Maastrichtiense Inferior del este de Inglaterra: *Argilloecia argillos*, *Argilloecia cretula*, *Asciocythere hadratos*, *Asciocythere prionodes*, *Eucythere ovoides*, *Eucythere sphenarion*, *Saida prasutegusi*, *Semicytherura fasciculata*, *Cytheropteron apeorus*, *C. cathetos*, *Sagmatocythere orthros*, *Paijenborchella biponticulata*, *Mosaeleberis dictyotos*, *Mosaeleberis pseudomacrophthalma*, *Spinoleberis ceraunos*, *Cythereis campanianica*, *Cythereis ornatissima icenica*. Se obtuvieron aproximadamente ochenta mil ostrácodos, procedentes tanto del sondeo de Trunch como de varias localidades en los condados de Norfolk y Suffolk en el este de Inglaterra. Se aportan comentarios bioestratigráficos y paleoecológicos.

Palabras clave: Ostracoda, Nuevas especies, Cretácico Superior, Este de Inglaterra.