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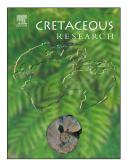
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ACCEPTED MANUSCRIPT

Late Cretaceous (Cenomanian-Maastrichtian) planktic foraminifera from Goban Spur

(DSDP Sites 549 and 550): Biostratigraphic inferences

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Abstract

The planktic foraminifera from two sedimentary sequences of the Upper Cretaceous recovered

by the Deep Sea Drilling Project (DSDP) Leg 80, Site 549 and Site 550 (Hole 550B) in the

Goban Spur region were analysed in order to refine and integrate the zonal schemes for this area

of the North Atlantic Ocean. In the studied intervals, 75 samples were analysed, and 88 species

of planktic foraminifera were recognized, enabling the identification of the following

biostratigraphic zones: Rotalipora cushmani (upper Cenomanian); Helvetoglobotruncana

helvetica (lower Turonian); Dicarinella concavata (upper Turonian-Coniacian); Dicarinella

asymetrica (upper Coniacian-Santonian); Racemiguembelina fructicosa and Abathomphalus

mayaroensis (upper Maastrichtian). Two intervals in Hole 550B are likely correlative to

composite biozones Pseudoguembelina palpebra/ Gansserina gansseri (Campanian-

Maastrichtian) and Racemiguembelina fructicosa/ Abathomphalus mayaroensis (upper

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