

The Messinian Salinity Crisis Record in the Palma Basin (Mallorca, Balearic Islands, Western Mediterranean)





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Introduction

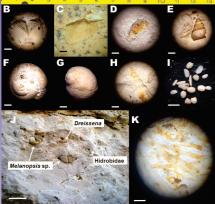


Palma Palma Bay

Amusium Calsilt. REEF UNIT

PALMA BASIN LAGO-MARE FAUNAL ASSEMBLAGES





Conclusions

Discussion

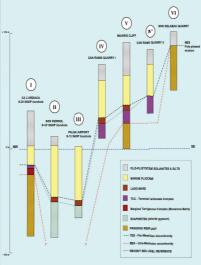
stified Top Reef Unconformity (TRU), that constitutes a major erosion surface.

S-Bottom Erosion Surface).

Along the north-western margins of the Palma basin, coinciding with the base he main reliefs, the TCC unit grades into fan-delta marts and conglomerates rivates from the close reliefs denudation) which also overfie the TRU.

The TCC deposits change basinward into exporties. Thus, in this basin, the sistinian evaporites (massive selenite gypsum and sapropels in the basinward alor evaporites in the TCC (collects and microbialities in the marginward part).

The TCC unit shows abundant desiccation cracks but no any major intra-



The upper Miocene - Pliocene succession in the Palma Basin

