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Autore	James Noel P.
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Nota di contenuto	The Seaward Margin of Belize Barrier and Atoll Reefs; Contents; Preface; 1 The geological setting of Belize reefs; INTRODUCTION; CLIMATE AND WATER CHARACTERISTICS; Climate; Water characteristics; Continental shelf; Open ocean; THE MODERN BARRIER-REEF TRACT; Bathymetry; Reefs; Lagoon reefs; Barrier reef; Surface sediments; GLOVERS REEF; THE HOLOCENE SEDIMENTARY RECORD; UNDERLYING GEOLOGICAL AND STRUCTURAL FRAMEWORK; Mainland Belize; Continental shelf and adjacent deep sea; Structural evolution; SUMMARY; 2 The geophysical anatomy of the southern Belize continental margin and adjacent basins INTRODUCTIONMETHODS; WALL-TO-BASIN TRANSITION; CONTINENTAL SLOPE AND SHALLOW BASIN SEDIMENT PACKAGES; Geometry of sediment packages; Slumps; Faults; ORIGIN OF SUBMARINE RIDGES; SUMMARY; 3 The morphology, sediments and organisms of the deep barrier reef and fore-reef; INTRODUCTION; FIELD METHODS (OPERATIONS); TERMINOLOGY; VARIATIONS IN MARGIN MORPHOLOGY; Margins adjacent to a shallow basin; Margins along the Cayman

Trough; MORPHOLOGY, ORGANISMS AND SEDIMENTS; The spur and groove; The step; The sand slope; Contact between the sand slope and brow; The brow
Barrier reef and the leeward side of Glovers ReefGlovers Reef, east side; THE WALL; Morphology; Sediments of the wall; Benthic organisms of the wall; THE SLOPING FORE-REEF; Introduction; Proximal sloping fore-reef along the barrier reef; Morphology and sediments; Organisms; The proximal sloping fore-reef on the leeward side of Glovers Reef; The distal fore-reef; THE CLIFFED FORE-REEF; Introduction; Upper talus slope; Ridge and furrow zone; Ridges and furrows; Cliffs; Sediment veneered rock slope; Deep precipice; SUMMARY; The reef front; The spur and groove; The step; The sand slope; The brow
The wallThe fore-reef; The sloping fore-reef; The cliffed fore-reef; 4 The Perireefal sediments; INTRODUCTION; SAMPLING; ANALYSIS OF SAMPLES; SEDIMENTS OF THE SHALLOW REEF; Surface sediments; Internal sediments of the spurs; SEDIMENTS OF THE LOWER REEF FRONT AND WALL; SURFACE SEDIMENTS OF THE SLOPING FORE-REEF AND BASIN; MUD; SUBSURFACE SEDIMENTS ON THE DISTAL FORE-REEF AND BASIN; South Water Cay; Tobacco Cay; Interpretation; SEDIMENTS FROM DEEP PORTIONS OF THE CLIFFED FORE-REEF AND CAYMAN TROUGH; SUMMARY; 5 The composition and age of limestones from the reef front, wall and fore-reef
INTRODUCTIONLOCATION OF SAMPLES; METHODS OF SAMPLING; STEP; Artificial exposure; Composition of limestone; Cemented outer rind; Unlithified interior; Radiocarbon ages; THE WALL AND FORE-REEF; TOP OF WALL; Artificial exposure; Composition of limestone; THE WALL; Artificial exposures; Composition of limestones; Corals; Squamariacean algae; Sediments; Radiocarbon ages; LIMESTONE BLOCK ON THE SLOPING FORE-REEF; CLIFFED FORE-REEF; Composition of limestone; Radiocarbon age; SUMMARY; Limestone composition; Radiocarbon ages of the limestones; 6 Petrography of limestones from the wall and fore-reef
INTRODUCTION

Sommario/riassunto

This first IAS Special Publication contains the oral presentations from a special symposium on pelagic sediments held in Zurich in 1973. The aim of the symposium was to bring together sea-borne researchers involved with the Deep Sea Drilling Project and land-locked researchers studying ancient sediments. If you are a member of the International Association of Sedimentologists, for purchasing details, please see: <http://www.iasnet.org/publications/details.asp?code=SP3>
