

CONTENTS

PART I

The Leading Theories of Coral Reefs

CHAPTER		PAGE
	INTRODUCTION	I
I	THE OBSERVABLE FEATURES OF CORAL REEFS	5
II	DARWIN'S THEORY OF UPGROWING REEFS ON INTER- MITTENTLY SUBSIDING FOUNDATIONS	22
III	EXTENSIONS OF DARWIN'S THEORY	41
IV	ALTERNATIVE THEORIES OF CORAL REEFS	58
V	THE GLACIAL-CONTROL THEORY OF CORAL REEFS . . .	89
VI	THE THEORY OF THE MARGINAL BELTS OF THE CORAL SEAS	121

PART II

The Facts of the Coral Reef Problem

VII	THE ISLANDS AND BANKS OF THE COOLER SEAS	142
VIII	THE MARGINAL BELTS OF THE CORAL SEAS	166
IX	REEFLESS COASTS IN THE CORAL SEAS	220
X	REEFLESS YOUNG VOLCANIC ISLANDS IN THE CORAL SEAS	234
XI	VOLCANIC ISLANDS WITH PLUNGING CLIFFS AND EM- BAYED SHORE LINES, WITH OR WITHOUT BARRIER REEFS	248
XII	EMBAYED, FRINGING-REEF ISLANDS WITHOUT PLUNGING CLIFFS OR BARRIER REEFS	277
XIII	EMBAYED, NON-CLIFFED ISLANDS WITH BARRIER REEFS	283
XIV	THE SMALL ISLANDS OF ALMOST-ATOLLS	375
XV	ELEVATED FRINGING AND BARRIER REEFS	383
XVI	ELEVATED ALMOST-ATOLLS AND ATOLLS	412
XVII	SUBMERGED REEFS AND BANKS IN THE CORAL SEAS . .	473
XVIII	THE FEATURES OF SEA-LEVEL ATOLLS	511
XIX	REVIEW OF CONCLUSIONS DRAWN FROM THE PRECEDING CHAPTERS	535