

TABLE OF CONTENTS.

PART I.—ON THE HYDROCORALLINÆ.

	PAGE
Introduction,	11
Explanation of terms employed,	12

SECTION I.—ON THE STRUCTURE OF THE MILLEPORIDÆ.

Introduction—Mode of occurrence of <i>Millepora nodosa</i> ; its appearance when living,	13
Literature of the subject,	14
Methods employed,	17
Structure of the hard and soft parts,	18
Main structure of the cœnosteum,	18
Histology of the cœnosteum,	20
Chemical composition of the cœnosteum,	20
Structure of the zooids,	21
„ „ cœnosarc,	24
„ „ nematocysts,	27
General remarks on the structure of the MILLEPORIDÆ,	28
Vegetable parasites of the MILLEPORIDÆ,	30

SECTION II.—ON THE STRUCTURE OF THE STYLASTERIDÆ.

Introduction,	31
Literature of the subject,	32
Methods employed,	35
Structure of the hard and soft parts in the several genera of the STYLASTERIDÆ,	35