

## C.—NATURE OF THE SEA-BOTTOM

On which the Asteroidea collected by the Challenger were found, with an enumeration of the Species occurring on each deposit.

## I. TERRIGENOUS DEPOSITS.

## a. GRAVEL, STONES.

	BATHYMETRICAL ZONE.			Occurrence on other Deposits.
	Littoral.	Continental.	Abyssal.	
<i>ARCHASTERIDÆ.</i>				
<i>PARARCHASTERINÆ.</i>				
<i>Pontaster hebitus</i> . . . . .	+	...	...	.....
<i>PSEUDARCHASTERINÆ.</i>				
<i>Pseudarchaster intermedius</i> . . . . .	+	...	...	.....
<i>ASTROPECTINIDÆ.</i>				
<i>ASTROPECTININÆ.</i>				
<i>Leptoptychaster arcticus, var. elongata</i>	+	...	...	Also Blue-mud.
<i>PENTAGONASTERIDÆ.</i>				
<i>PENTAGONASTERINÆ.</i>				
<i>Pentagonaster granularis</i> . . . . .	+	...	...	.....
<i>ANTHENEIDÆ.</i>				
<i>Hippasteria plana</i> . . . . .	+	...	...	...
<i>STICHASTERIDÆ.</i>				
<i>Stichaster albulus</i> . . . . .	+	...	...	.....
<i>PTERASTERIDÆ.</i>				
<i>PTERASTERINÆ.</i>				
<i>Pteraster militaris</i> . . . . .	+	...	...	.....
<i>ECHINASTERIDÆ.</i>				
<i>ECHINASTERINÆ.</i>				
<i>Cribrella oculata</i> . . . . .	+	...	...	Also Rock and Blue mud.
<i>ASTERIIDÆ.</i>				
<i>Asterias (Leptasterias) compta</i> . . . . .	+	...	...	.....

## b. COARSE GRAVEL.

	BATHYMETRICAL ZONE.			Occurrence on other Deposits.
	Littoral.	Continental.	Abyssal.	
<i>PENTAGONASTERIDÆ.</i>				
<i>PENTAGONASTERINÆ.</i>				
<i>Gnathaster meridionalis</i> . . . . .	+	...	...	} Also Volcanic mud and Greenish Volcanic mud.
<i>Gnathaster elongatus</i> . . . . .	+	...	...	
<i>GYMNASTERIIDÆ.</i>				
<i>Porania spiculata</i> . . . . .	+	...	...	} Also Green mud and Volcanic mud.