## 1. ANIMALS OBTAINED IN THE DREDGINGS AND TRAWLINGS IN THE ZONE DEEPER THAN 2500 FATHOMS.

The Challenger trawled or dredged at 25 Stations where the depth was 2500 fathoms and over, about 600 specimens of invertebrates and fishes being procured, belonging to about 235 species and about 200 genera. A number of these specimens were so mutilated when hauled on board that they were not preserved; others though brought home did not reach the hands of the specialists preparing the Challenger Reports, or were not in a condition to be described. The total number of species and genera actually described and recorded in the Zoological Reports from these depths amounts to 161 species and 127 genera, of which 140 species (or 87 per cent. of the total number of species recorded in the Reports) and 50 genera (or 39 per cent.) are new to science, as shown in the following list. Those species taken by the Challenger in this zone only (numbering 96 species, or 60 per cent.) are indicated by an asterisk thus.\* The geographical distribution of the species is indicated by the heavy letters S, T, and N, used to denote that the species was taken south of the tropic of Capricorn (S), between the tropics of Capricorn and Cancer (T), or north of the tropic of Cancer (N).

## DEEP-SEA KERATOSA:

DEEP-SEA KERATOSA:	* Euplectella crassistellata, n.sp. T
* Ammoconia sagenella, n.g., n.sp. N	Holascus fibulatus, n.g., n.sp. S
* Ammolynthus haliphysema, n.g., n.sp. T	* " stellatus, n.g., n.sp. S
* Psammina nummulina, n.g., n.sp. T	* Hyalonema (Stylocalyx) tenerum, n.sp.
* Psammopemma radiolarium, n.sp. T	S
* Psammophyllum annectens, n.g., n.sp. N	* Hyalostylus dives, n.g., n.sp. S
* Stannarium alatum, n.g., n.sp. T	* Trachycaulus gurlittii, n.g., n.sp. S
* ,, concretum, n.g., n.sp. T	
Stannoma coralloides, n.g., n.sp. T	ANTIPATHARIA :
" dendroides, n.g., n.sp. T	Bathypathes patula, n.g., n.sp. TN
Monaxonida :	* ,, tenuis, n.g., n.sp. S
* Chondrocladia concrescens (Schmidt). N	
* Cladorhiza abyssicola, Sars, var.	ACTINIARIA:
rectangularis, nov. T	Amphianthus ornatum, n.g., n.sp. N
* " longipinna, n.sp. T	* Antheomorphe elegans, n.g., n.sp. N
	* Porponia elongata, n.g., n.sp. S
HEXACTINELLIDA:	* Sicyonis elongata, n.g., n.sp. N
Bathydorus fimbriatus, n.g., n.sp. N	* Another Actinian undetermined. N
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