

7. ANIMALS OBTAINED IN THE DREDGINGS AND TRAWLINGS IN DEPTHS UNDER 100 FATHOMS.

The Challenger dredged or trawled in shallow water less than 100 fathoms at about seventy stations or localities. It is impossible to estimate the number of individual specimens procured, but they represent about 4400 species, belonging to about 1500 genera. The total number of species and genera actually described and recorded in the Zoological Reports amounts to about 4250 species, and about 1440 genera, of which 1527 species (or 36 per cent.) and 132 genera (or 9 per cent.) are new to science, as shown in the following list. Those species taken by the Challenger in this zone only (numbering 3900 species, or 92 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).

KERATOSA :

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|---|---|
| * <i>Cacospongia amorphia</i> , n.sp. T | * <i>Psammopemma porosum</i> , n.sp. T |
| * „ <i>collectrix</i> (Schulze). T N | * <i>Spongelia horrida</i> , Selenka. T |
| * „ <i>compacta</i> , n.sp. T | * „ <i>pallescens</i> , Schmidt. T |
| * „ <i>dendroides</i> , n.sp. T | * „ <i>spinifera</i> , Schulze. S |
| * „ <i>irregularis</i> , n.sp. T | * <i>Verongia hirsuta</i> , Hyatt. N |
| * „ <i>murrayi</i> , n.sp. S | |
| * „ <i>oligoceras</i> , n.sp. T | MONAXONIDA : |
| * „ <i>tuberculata</i> , n.sp. S | * <i>Acanthella pulcherrima</i> , n.sp. T |
| * „ <i>vesiculifera</i> , n.sp. S | * „ (?) <i>stipitata</i> , Carter. T |
| * <i>Carteriospongia otahitica</i> (Esper). T | * <i>Acanthus ternatus</i> , Ridley. T |
| * „ <i>radiata</i> , Hyatt. T | * <i>Agelas mauritianus</i> (Carter). S |
| * <i>Coscinoderma altum</i> , n.sp. S | * <i>Amphilectus apollinis</i> , n.sp. S |
| * „ <i>denticulatum</i> , n.sp. T | * „ <i>ceratosus</i> , n.sp. S |
| * <i>Euspongia officinalis</i> (Linné), var. <i>lobosa</i> , nov. T | * „ <i>pilosus</i> , n.sp. S |
| * <i>Hippospongia anomala</i> , n.sp. T | * <i>Artemisina suberitoides</i> , Vosmaer. N |
| * „ <i>mauritiana</i> (Hyatt). T | * <i>Axinella arborescens</i> , n.sp. S |
| * <i>Ianthella flabelliformis</i> (Pallas). T | * „ <i>balfourensis</i> , n.sp. S |
| * <i>Luffaria variabilis</i> , n.sp. T | * „ <i>echidnaea</i> , Ridley. T |
| * <i>Psammoclema foliaceum</i> , n.sp. S | * „ <i>fibrosa</i> , n.sp. S |
| * „ <i>ramosum</i> , Marshall. S | * „ (?) <i>lunacharta</i> , n.sp. T |
| * „ <i>vosmaeri</i> , n.sp. T | * „ <i>mariana</i> , n.sp. S |
| * <i>Psammopemma densum</i> , Marshall. S N | * „ <i>monticularis</i> , n.sp. T |
| | * „ (?) <i>paradoxa</i> , n.sp. S |
| | * „ <i>reticulata</i> , n.sp. T |