

TABLE I.

Showing the Bathymetrical Distribution of the Bottom-living Species (Benthos) taken by the Trawl and Dredge on board H.M.S. Challenger.

Zone.	Number of Stations.	Number of Specimens.	Number of Species.	Number of Genera.	Number of Species believed to have come from the Bottom.	Number of Genera believed to have come from the Bottom.	Number of New Species from the Bottom.	Number of New Genera from the Bottom.	Number of Species taken only in the Zone referred to.	Number of New Species taken only in the Zone referred to.	Number of Species taken also in other Zones.	Number of Species taken also in the Zone of over 2500 fathoms.	Number of Species taken also in the Zone between 2000 and 2500 fathoms.	Number of Species taken also in the Zone between 1500 and 2000 fathoms.	Number of Species taken also in the Zone between 1000 and 1500 fathoms.	Number of Species taken also in the Zone between 500 and 1000 fathoms.	Number of Species taken also in the Zone between 100 and 500 fathoms.	Number of Species taken also in the Zone under 100 fathoms.
Over 2500 fathoms }	25	600	235	200	153	119	137	49	95	84	58	...	26	33	21	13	10	5
2000 to 2500 fathoms }	32	820	340	250	247	172	229	76	161	150	86	26	...	46	38	14	20	7
1500 to 2000 fathoms }	32	1250	500	345	394	256	335	96	242	206	152	33	46	...	78	24	48	14
1000 to 1500 fathoms }	25	2000	600	400	493	313	358	79	270	201	223	21	38	78	...	69	99	32
500 to 1000 fathoms }	23	2000	710	425	616	352	493	92	400	348	216	13	14	24	69	...	143	49
100 to 500 fathoms }	40	6000	2050	865	1887	771	1293	166	1407	1024	480	10	20	48	99	143	...	285
Under 100 fathoms }	70	...	4400	1500	4248	1438	1525	130	3898	1382	350	5	7	14	32	40	285	...

TABLE II.

Showing the Geographical Distribution of the Bottom-living Species (Benthos) taken by the Trawl and Dredge on board H.M.S. Challenger.

Zone.	Total Number of Bottom-living Species.	Number of Species taken S.	Number of Species taken T.	Number of Species taken N.	Number of Species common STN.	Number of Species common SN.	Number of Species common ST.	Number of Species common TN.
Over 2500 fathoms }	153	85 56%	55 36%	72 47%	14 9%	8 5%	5 3%	6 4%
2000 to 2500 fathoms }	247	129 52%	120 49%	98 40%	19 9%	9 4%	20 8%	13 5%
1500 to 2000 fathoms }	394	269 68%	99 25%	137 37%	26 7%	15 4%	10 3%	19 5%
1000 to 1500 fathoms }	493	227 46%	194 39%	263 53%	34 7%	28 6%	26 5%	48 10%
500 to 1000 fathoms }	616	353 57%	281 45%	161 26%	25 4%	22 4%	57 9%	30 5%
100 to 500 fathoms }	1887	824 43%	952 50%	359 19%	37 2%	33 2%	76 4%	73 4%
Under 100 fathoms }	4248	1472 35%	2390 56%	571 13%	26 0.6%	31 0.7%	94 2%	88 2%

The following species have been inadvertently omitted from the foregoing bathymetrical lists, and are therefore not included in the figures in these tables:—*Holopsamma argillaceum*, *Hyalonema (Stylocalyx) elegans*, *Siphonogorgia godeffroyi*, *Freyella remex*, *Peniagone challengerii*, *Peniagone naresi*, *Scotoplanes insignis*, *Stichopus challengerii*, *Bythocythere arenacea*, *Bythocythere orientalis*, *Bythocythere velifera*, *Cythere fortificata*, *Cythere lactea*, *Cytherella cingulata*, *Loxoneoncha africana*, *Polycope favaus*, *Xestoleberis intermedia*, *Ischnosoma bacillus*, *Actæon (Buccinulus) cinereus*, *Pustulopora deflexa*, *Bathhydraco antarcticus*, *Fistularia depressa*, *Ostracion cornutus*, *Polypnus spinosus*, *Scopelus engraulis*.