

This table reveals at once the remarkable fact that a large number of localities yielding Hexactinellids, and a rich abundance of species occurred in moderate depths of 95 to 200 fathoms, while the depths from 200 to 300 are quite without Hexactinellids, which become again more abundant both in localities and species at depths from 301 to 700 fathoms, disappearing again in depths between 701 and 1000, and finally occurring in moderate abundance between 1000 and 3000 fathoms.

If regard be first had only to the number of Hexactinellid localities and their percentage among the total number of dredgings and trawlings undertaken at the relative depths, the following table represents the bathymetrical statistics for successively large ranges of 500 fathoms :—

Depth in Fathoms.	Number of Dredgings or Trawlings.	Number of Localities with Hexactinellids.	Percentage.
1-500	105	19	18
501-1000	29	10	34·8
1001-1500	31	7	22·6
1501-2000	35	7	20
2001-2500	38	8	21·1
2501-3000	33	6	18·1
3001-3500	4	0	...
3501-4000	1	0	...

In the above summary one fact might possibly cause misunderstanding, namely, that the first region is noted as 1 to 500, although it is well known that in the upper 94 fathoms no Hexactinellids whatever occur. If one excludes the dredgings or trawlings not deeper than 94 fathoms, and regards the first bathymetrical region as 95 to 500 fathoms, then out of the total 63 dredgings or trawlings, 19 yielded Hexactinellids, *i.e.*, 30·2 per cent., which is a decidedly larger figure than that given in the table, 18 per cent. It is thus seen that most Hexactinellid localities were between the depths of 95 and 1000 fathoms, while beyond this the frequency gradually decreases, finally disappearing below 3000 fathoms.

If the number of species be considered in relation to the number of dredgings or trawlings at the various depths, it is convenient to follow the plan of the large Table VIII. (p. 456) and separate the region from 1 to 94 fathoms from that from 95 to 100, and then to continue up to 1000 fathoms with ranges of 100, and with ranges of 500 up to 3000 fathoms.