

Depth in Fathoms.	Number of Dredgings or Trawlings.	Number of Localities with Hexactinellids.	Lyssacina.		Dictyonina.	
			Number of Species.	Percentage in Dredgings or Trawlings.	Number of Species.	Percentage in Dredgings or Trawlings.
1-94	42	...	...	...	...	...
95-100	5	1	4	80	...	...
101-200	26	5	9	34.6	10	38.5
201-300	8	...	...	...	...	...
301-400	13	7	7	53.9	7	53.8
401-500	11	6	1	9.1	5	45.4
501-600	10	5	5	50	2	20
601-700	9	4	4	44.4	3	33.3
701-800	3	...	...	...	...	...
801-900	3	...	...	...	...	...
901-1000	4	2	1	25	1	25
1001-1500	31	7	10	32.3	4	12.9
1501-2000	35	7	13	37.1	1	2.9
2001-2500	38	8	13	34.1	2	5.3
2501-3000	33	6	7	21.2	1	3
3001-3500	4	...	...	...	...	...
3501-4000	1	...	...	...	...	...

If the number of species of both divisions be computed for bathymetrical regions of 500 fathoms, and without reference to the first 94 fathoms, then the statistics read as follows:—

Depth in Fathoms.	Number of Dredgings or Trawlings.	Lyssacina.		Dictyonina.	
		Number of Species.	Percentage in the Dredgings or Trawlings.	Number of Species.	Percentage in the Dredgings or Trawlings.
95-500	105	21	20	22	21
501-1000	29	10	35	6	20.7
1001-1500	31	10	32.2	4	12.9
1501-2000	35	13	37.1	1	2.9
2001-2500	38	13	34.1	2	5.3
2501-3000	33	7	21.2	1	3
3001-3500	4	...	...	...	...
3501-4000	1	...	...	...	...

From the above this fact is distinctly evident that the Dictyonina show a much more rapid decrease of species downwards than do the Lyssacina. The percentage figures of the latter over the whole, from 95 to 3000 fathoms, vary from 20 to 37 per cent. while the percentages of the Dictyonina over the same range decrease somewhat