

and most of the Pentacrinidæ, have as yet been obtained at one or two localities only, and those not very widely separated.

Table II. on the preceding page gives the bathymetrical and geographical ranges, so far as yet known, of all the genera of recent Crinoids; their distribution in the various oceans being indicated by the capital letters in the fourth column. A few cases of uncertainty, owing to deficiency of information and other causes, are noted under the head of remarks.

### B. BATHYMETRICAL RANGE.

The frequency of occurrence of all the genera of recent Crinoids at depths below 250 fathoms, so far as has yet been made known, is shown in Table III. One or two curious

TABLE III.—*Showing the Frequency of Occurrence of all the Genera of Recent Crinoids at depths below 250 fathoms.*

Genus.	200-500 f.	500-700 f.	700-1200 f.	1200-2000 f.	2000-2500 f.	2500-2900 f.	Remarks.
<i>Pentacrinus</i> , . .	7	6	2	1	...	...	Only four of the seven dredgings noted in the first column were at a greater depth than 250 fath.
<i>Metacrinus</i> , . .	1	1	...	...	...	...	...
<i>Rhizocrinus</i> , . .	10	8	5	2	...	...	A stem-fragment only at St. 323; 1900 fath. Lat. 35° 39' S. ( <i>vide</i> C.W.T.).
<i>Bathycrinus</i> , . .	...	...	4	4	1	...	...
<i>Hyocrinus</i> , . .	...	...	...	2	1?	...	Possibly a young specimen from St. 223, in N. W. Pacific, 2325 fath. ( <i>vide</i> C.W.T.).
<i>Holopus</i> , . .	...	...	...	...	...	...	...
<i>Antedon</i> , . .	16	6	4	2	...	2	At three of the Stations recorded in the first column (for each genus) the depth was between 200 and 250 fath. Stations 174B, C, D (255, 610, and 210 fath.) are not recorded at all for either genus, owing to want of information.
<i>Actinometra</i> , . .	5	1	..	...	...	...	
<i>Eudiocrinus</i> , . .	1	2	2	...	...	...	...
<i>Promachocrinus</i> , . .	1	...	...	2	...	...	...
<i>Atelecrinus</i> , . .	7	1?	...	...	...	...	Lowest limit (Station 174C; 610 fath.) uncertain. Possibly not below 450 fath.
<i>Thaumatoorinus</i> , . .	...	...	...	1	...	...	...

contrasts are noteworthy. While *Bathycrinus* and *Hyocrinus* are essentially abyssal forms, *Actinometra* is not known with certainty to occur below 533 fathoms, and has not been obtained more than seven times below 200 fathoms.<sup>1</sup> *Pentacrinus*, having a

<sup>1</sup> Comatulæ were dredged at Stations 174B, 174C, 174D, the depths being respectively 255, 610, and 210 fathoms; but there is no record of the particular haul which yielded the Comatulæ.