

Analysis of the above List.

Genus.	Number of Living Species.	"Porcupine."		Challenger.		"Blake."	
		New Species.	Species previously known.	New Species.	Species previously known.	New Species.	Species previously known.
<i>Holopus</i> , . . .	1	...	...	...	...	...	1
<i>Hyocrinus</i> , . . .	1	...	...	1	...	...	...
<i>Bathyrinus</i> , . . .	4	1	...	2	...	...	...
<i>Rhizocrinus</i> , . . .	2	1	1 ¹	...	2	...	2
<i>Pentacrinus</i> , . . .	9	1	...	4	...	1	3
<i>Metacrinus</i> , . . .	15	...	...	11	...	...	...
Total known species,	32	3	1	18	2	1	6

It thus appears that (1) the cruises of the "Porcupine" in 1869-70 added one genus and three species to the three genera and five species previously known. (2) More than half of the number (thirty-two) of known species, including two new genera, were discovered by the Challenger. (3) More than 65 per cent. of the known species have been discovered by H.M.S.S. "Porcupine" and Challenger; while the small number of genera known before 1869 has been doubled by the explorations of these two ships.

BATHYMETRICAL TABLES.

A Roman numeral opposite the name of a species shows that it also occurs in one of the other Tables.

TABLE I.—Species found at depths down to 100 fathoms.

<i>Holopus rangi</i> , II.	<i>Pentacrinus mülleri</i> , II., III., IV.
<i>Rhizocrinus lofotensis</i> , II., III., IV. V., VI. (?)	<i>Metacrinus interruptus</i> .
<i>rawsoni</i> , II., III., V., VI.	<i>rotundus</i> .
<i>Pentacrinus asterius</i> , ² II., III.	<i>Metacrinus</i> sp. (Vega).
<i>decorus</i> , II., III., IV.	

¹ Dredged by the "Lightning" in 1868, if not by the "Porcupine" in 1869. See *Proc. Roy. Soc. Edin.*, vol. xii. p. 356, 1884.

² Two specimens in the Bristol Museum are believed to have been taken at a depth of 50 to 80 fathoms (Austin); and the earliest known examples must certainly have been obtained at depths above 100 fathoms.