

- Bugula neritina* (Linné). Obtained at no other locality by the Challenger. STATION 36.  
Recorded from Mediterranean, North and South Atlantic, and Australian Seas.
- Crisia denticulata* (Lamarck), var. *patagonica*, d'Orbigny (?). Obtained at no other locality by the Challenger. Recorded from Patagonia.
- Amathia lendigera* (Linné). Obtained at no other locality by the Challenger. Recorded from European Seas.

In addition to the foregoing, the following are recorded in the Station-Book:—*Anthea*, elongate Actinian with leathery cuticle, Star-fishes, *Pagurus*, *Galathea*, *Stenorhynchus*, *Maia* (?), large specimen of *Pinna*, small fish, many Foraminifera (*Cristellaria*), Diatoms, about fourteen species of Algæ, and a calcareous Alga.

Excluding Protozoa, about 35 species of invertebrates and fishes were obtained in these dredgings on the Challenger Bank, of which 11 are new to science, including representative of 1 new genus; 6 of the new species were not obtained elsewhere.

Station 37 (Sounding 95), Bermuda to Halifax (see Charts 8 and 9, and STATION 37. Diagram 2).

April 24, 1873; lat. 32° 18' N., long. 65° 38' 8" W.

Temperature of air at noon, 70°·0; mean for the day, 68°·8.

Temperature of water:—

Surface, . . . . .	68°·0	500 fathoms, . . . . .	50°·4
20 fathoms, . . . . .	67·2	550 " . . . . .	46·8
40 " . . . . .	66·2	600 " . . . . .	43·9
60 " . . . . .	65·7	650 " . . . . .	42·0
80 " . . . . .	65·5	700 " . . . . .	41·0
100 " . . . . .	65·3	800 " . . . . .	39·8
120 " . . . . .	65·1	900 " . . . . .	39·3
140 " . . . . .	64·9	1000 " . . . . .	39·0
150 " . . . . .	64·8	1100 " . . . . .	38·7
200 " . . . . .	64·3	1200 " . . . . .	38·4
250 " . . . . .	63·8	1300 " . . . . .	38·1
300 " . . . . .	63·2	1400 " . . . . .	37·8
350 " . . . . .	61·0	1500 " . . . . .	37·5
400 " . . . . .	57·7	Bottom, . . . . .	36·5
450 " . . . . .	54·3		

Depth, 2650 fathoms; deposit, Globigerina Ooze, containing 62·47 per cent. of carbonate of lime (see Murray and Renard, Deep-Sea Deposits Chall. Exp.).