

STATION 317.—February 8, 1876; lat. $48^{\circ} 37'$ S., long. $55^{\circ} 17'$ W.; 1035 fms.; bottom temperature 1.7° C.; hard ground.

Ophioglypha meridionalis. Also Station 320.

STATION 320.—February 14, 1876; lat. $37^{\circ} 17'$ S., long. $53^{\circ} 52'$ W.; 600 fms.; bottom temperature 2.7° C.; hard ground.

Ophioglypha confragosa.

meridionalis. Also Station 317.

Ophiochondrus stelliger.

Ophiacantha vivipara. Also Stations, off Marion Islands, Christmas Harbour, Balfour Bay, and Royal Sound, Kerguelen Islands, 150, 151, 313, 314, 315.

STATION 323.—February 28, 1876; lat. $35^{\circ} 39'$ S., long. $50^{\circ} 47'$ W.; 1900 fms.; bottom temperature 0.0° C.; grey mud.

Ophiomusium archaster.

STATION 325.—March 2, 1876; lat. $36^{\circ} 44'$ S., long. $46^{\circ} 16'$ W.; 2650 fms.; bottom temperature 0.4° C.; grey mud.

Ophiocten umbraticum.

Amphiura dalea.

STATION 332.—March 10, 1876; lat. $37^{\circ} 29'$ S., long. $27^{\circ} 31'$ W.; 2200 fms.; bottom temperature 0.4° C.; globigerina ooze.

Ophiomusium armigerum. Also Stations 83, 106, 299.

STATION 343.—March 27, 1876; lat. $8^{\circ} 3'$ S., long. $14^{\circ} 27'$ W.; 425 fathoms; bottom temperature 4.5° C.; coral.

Ophioglypha lepida. Also Stations 45, 46, off Bermuda, 76.

Ophiocreas adipus. Also Stations 214 (same sp. ?), 344.

STATION 344.—April 3, 1876; off Ascension Island; 420 fathoms; hard ground.

Ophiacantha cuspidata.

Ophiocreas adipus. Also Stations 214 (same sp. ?), 343.

STATION 346.—April 6, 1876; lat. $2^{\circ} 42'$ S., long. $14^{\circ} 41'$ W.; 2350 fms.; bottom temperature 0.4° C.; globigerina ooze.

Ophioglypha convexa. Also Stations 241, 246.

The data of the foregoing table, combined with facts previously known, give some idea of the geographical distribution of the two families. It appears that, although deep species are more inclined to extensive wanderings than those of the shallows, yet, on the