

## CANARY ISLANDS.

*Neptunus (Amphitrite) hastatus* (Linné). Four specimens (Gomera or Tenerife, 75 or 78 fathoms); obtained at no other locality by the Challenger.

## GASTEROPODA (Watson, Zool. pt. 42).

*Trochus (Trochocochlea) colubrinus*, Gould. (Rocks at Santa Cruz); obtained at no other locality by the Challenger. Recorded from North Atlantic.

*Ranella (Lampas) thomæ*, d'Orbigny. (Rocks at Santa Cruz); obtained at no other locality by the Challenger. Recorded from West Indies and Madeira.

*Litorina striata*, King. (Shore, Santa Cruz); obtained at no other locality by the Challenger. Recorded from North and South Atlantic.

## BRACHIOPODA (Davidson, Zool. pt. 1).

*Megerlia truncata* (Linné). Many specimens (off Gomera, 70 or 75 fathoms); obtained at no other locality by the Challenger. A widely-distributed species. Fossil—Upper Tertiaries of Europe.

*Argiope decollata* (Chemnitz). Many specimens (off Gomera, 70 or 75 fathoms); obtained at no other locality by the Challenger. Recorded from North Atlantic and Mediterranean. Fossil—Miocene and Pliocene of Europe.

## TUNICATA (Herdman, Zool. pt. 17).

*Ciona flemingi*, n.sp. One specimen (Gomera, 75 or 78 fathoms); obtained at no other locality.

In the foregoing list 11 species are enumerated from the shore and shallow water at the Canary Islands, of which 1 is new to science.

## STATION 1.

**Station 1<sup>1</sup>** (Sounding 45), Tenerife to Sombrero (see Charts 5 and 6, and Diagram 1).

February 15, 1873; lat. 27° 24' N., long. 16° 55' W.

Temperature of air at noon, 63°·5; mean for the day, 61°·5.

Temperature of water:—

Surface, . . . . .	64·5	600 fathoms, . . . . .	44·9
100 fathoms, . . . . .	61·8	700 " . . . . .	43·2
200 " . . . . .	56·0	800 " . . . . .	41·8
300 " . . . . .	51·7	900 " . . . . .	40·7
400 " . . . . .	49·0	1000 " . . . . .	39·9
500 " . . . . .	46·8	Bottom, . . . . .	36·8

<sup>1</sup> The preceding Stations, indicated by roman numerals (I. to VIII.), were regarded during the expedition as preliminary Stations to test the working of the apparatus, the regular work of the Expedition commencing at this Station (see page 109 ante).