

STATION 106.—Between St. Vincent and St. Paul's Rocks, August 25, 1873; lat.  $1^{\circ} 47' N.$ ; long.  $24^{\circ} 26' W.$ ; 1850 fathoms; Globigerina ooze; bottom temperature,  $36^{\circ} 6'$ ; surface temperature,  $78^{\circ} 8'$ . Taken in a surface-net at a depth of 40 fathoms.

*Cranchia reinhardtii*.

North Atlantic (picked up dead from the surface).

*Alloposus mollis*.

Atlantic; collected from the surface.

*Spirula peronii* (shells).

STATION 122.—Off Barra Grande, September 10, 1873; lat.  $9^{\circ} 5' S.$ , long.  $34^{\circ} 50' W.$ ; 350 fathoms; red mud; surface temperature,  $77^{\circ} 5'$ . Trawl.

*Octopus januarii*, n. sp.

STATION 122B.—Off Barra Grande, September 10, 1873; lat.  $9^{\circ} 9' S.$ , long.  $34^{\circ} 53' W.$ ; 32 fathoms; red mud; surface temperature,  $77^{\circ} 5'$ . Trawl.

*Octopus tuberculatus*.

STATION 126.—Off the Rio San Francisco, Brazil, September 12, 1873; lat.  $10^{\circ} 46' S.$ , long.  $36^{\circ} 8' W.$ ; 770 fathoms; red mud; surface temperature,  $77^{\circ}$ . Trawl.

*Japetella prismatica*, n. sp.

Inaccessible Island, Tristan da Cunha, October 16, 1873; collected on the shore.

*Octopus verrucosus*, n. sp.

Simon's Bay, Cape of Good Hope, December 1873; 10–20 fathoms.

*Octopus granulatus*.

Cape of Good Hope, December 1873.

*Argonauta argo*.

Between the Cape and Marion Island.

*Cranchia* sp.

STATION 146.—Between Prince Edward Island and the Crozets, December 29, 1873; lat.  $46^{\circ} 46' S.$ , long.  $45^{\circ} 31' E.$ ; 1375 fathoms; Globigerina ooze; bottom temperature,  $35^{\circ} 6'$ ; surface temperature,  $43^{\circ}$ . Trawl.

*Cirroteuthis magna*, n. sp.