

*Challenger Specimens.*—I. Living specimens.

Station 106, August 25, 1873; St. Vincent (Cape Verde) to St. Paul's Rock; lat.  $1^{\circ} 47' N.$ , long.  $24^{\circ} 26' W.$

Between Stations 162 and 163, April 3, 1874; Melbourne to Sydney, lat.  $38^{\circ} 7' S.$ , long.  $149^{\circ} 18' E.$

Station 164A, June 13, 1874; off Sydney; lat.  $34^{\circ} 9' S.$ , long.  $151^{\circ} 55' E.$

Station 181, August 25, 1874; Fiji to Raine Island; lat.  $13^{\circ} 50' S.$ , long.  $151^{\circ} 49' E.$

Station 209, January 22, 1875; Manila to Samboangan; lat.  $10^{\circ} 14' N.$ , long.  $123^{\circ} 54' E.$

On February 6, 1875; at Samboangan; lat.  $6^{\circ} 40' N.$ , long.  $122^{\circ} 57' E.$

Station 216A, February 16, 1875; north of New Guinea; lat.  $2^{\circ} 56' N.$ , long.  $134^{\circ} 11' E.$

Between Stations 229 and 230, April 3, 1875; Admiralty Islands to Yokohama; lat.  $24^{\circ} 49' N.$ , long.  $138^{\circ} 34' E.$

Station 230, April 5, 1875; Admiralty Islands to Yokohama; lat.  $26^{\circ} 29' N.$ , long.  $137^{\circ} 57' E.$

Between Stations 264 and 265, August 24, 1875; Sandwich Islands to Tahiti; lat.  $13^{\circ} 15' N.$ , long.  $152^{\circ} 2' W.$

Station 299, December 14, 1875; Valparaiso to Gulf of Penas; lat.  $33^{\circ} 31' S.$ , long.  $74^{\circ} 43' W.$

Station 348, April 9, 1876; Ascension Island to St. Vincent (Cape Verde); lat.  $3^{\circ} 10' N.$ , long.  $14^{\circ} 51' W.$

On April 26, 1876; off St. Vincent; lat.  $16^{\circ} 49' N.$ , long.  $25^{\circ} 14' W.$

On April 29, 1876; off St. Vincent; lat.  $18^{\circ} 8' N.$ , long.  $30^{\circ} 5' W.$

## II. Deposit shells.

Station 23, March 15, 1873; off Sombrero Island; lat.  $18^{\circ} 24' N.$ , long.  $63^{\circ} 28' W.$ ; depth, 450 fathoms; bottom, Pteropod ooze.

Station 24, March 25, 1873; off Culebra Island; lat.  $18^{\circ} 38' 30'' N.$ , long.  $65^{\circ} 5' 30'' W.$ ; depth, 390 fathoms; bottom, Pteropod ooze.

Station 33, April 4, 1873; off Bermuda; lat.  $32^{\circ} 21' 30'' N.$ , long.  $64^{\circ} 35' 55'' W.$ ; depth, 435 fathoms; bottom, coral mud.

Station 120, September 9, 1873; off the coast of South America, between Pernambuco and Bahia; lat.  $8^{\circ} 37' S.$ , long.  $34^{\circ} 28' W.$ ; depth, 675 fathoms; bottom, red mud.

Station 185, August 31, 1874; off Raine Island; lat.  $11^{\circ} 35' 25'' S.$ , long.  $144^{\circ} 2' 0'' E.$ ; depth, 135 fathoms; bottom, coral sand.

Station 219, March 10, 1875; Admiralty Islands to Yokohama; lat.  $1^{\circ} 54' 0'' S.$ , long.  $146^{\circ} 39' 40'' E.$ ; depth, 150 fathoms; bottom, coral mud.