

Indian Ocean; to the south-east of Arabia ("Vettor Pisani" Expedition, March 8, 1883); Gulf of Bengal and Ceylon (Kiel Museum); St. Paul and Amsterdam Islands ($38^{\circ} 42' S.$ lat., $77^{\circ} 34' E.$) (Professor Vélain, under the MS. title *Spirialis appendiculatus*).

Pacific Ocean; China Sea ("Galathea" Expedition); Corea Strait (Jeffreys);¹ Honolulu in the Philippines ("Vettor Pisani," August 28, 1884); North-West Pacific to $48^{\circ} N.$ ("Galathea"); East Pacific, Panama, &c. ("Vettor Pisani," March 7, 1884); South-East Pacific to $40^{\circ} S.$ (Knocker).²

Challenger Specimens.—I. Living specimens.

Station 142, December 18, 1873; Cape of Good Hope to $46^{\circ} S.$; lat. $35^{\circ} 4' S.$, long. $18^{\circ} 37' E.$

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

Station 175, August 12, 1874; Fiji to Raine Island; lat. $19^{\circ} 2' S.$, long. $177^{\circ} 10' E.$

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

Station 201, October 26, 1874; Amboina to Samboangan; lat. $7^{\circ} 3' N.$, long. $121^{\circ} 48' E.$

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

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

Station 337, March 19, 1876; Tristan da Cunha to Ascension Island; lat. $24^{\circ} 38' S.$, long. $13^{\circ} 36' W.$

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

II. Deposit shells.

Station VIII., February 12, 1873; off Canary Islands; lat. $28^{\circ} 3' 15'' N.$, long. $17^{\circ} 27' 0'' W.$; depth, 620 fathoms; bottom, volcanic mud.

Station 3, February 18, 1873; Tenerife to Sombbrero Island; lat. $25^{\circ} 45' N.$, long. $20^{\circ} 14' W.$; depth, 1525 fathoms; bottom, hard ground.

Station 23, March 15, 1873; off Sombbrero 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 32B, April 3, 1873; St. Thomas to Bermuda; lat. $32^{\circ} 10' N.$, long. $64^{\circ} 52' W.$; depth, 950 fathoms; bottom, coral mud.

¹ Notice of some Shells dredged by Captain St. John, R.N., in Corea Strait, *Journ. Linn. Soc. Lond. (Zool.)*, vol. xiv. p. 423, 1878.

² On Pelagic Shells collected during a Voyage from Vancouver Island to this Country, *Proc. Zool. Soc. Lond.*, p. 616, 1868.