

Station 254, July 17, 1875; Yokohama to Sandwich Islands; lat. $35^{\circ} 13' N.$, long. $154^{\circ} 43' W.$

II. Deposit shells.

Station 78, July 10, 1873; off the Azores; lat. $37^{\circ} 26' N.$, long. $25^{\circ} 13' W.$; depth, 1000 fathoms; bottom, volcanic 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.

*7. *Cavolinia uncinata* (Rang).

1836. *Hyalæa uncinata*, Rang, MS., in d'Orbigny, Voyage dans l'Amérique méridionale, t. v. p. 93, pl. v. figs. 11-15.

1850. *Cavolina uncinata*, Gray, Catalogue of the Mollusca in the Collection of the British Museum, pt. ii., Pteropoda, p. 7.

1880. *Hyalæa uncinatiformis*, Pfeffer, Die Pteropoden des Hamburger Museums, Abhandl. Naturw. Ver. Hamburg, Bd. vii. p. 85.

For description and figures, see Boas, Spolia atlantica, p. 119, pl. i. fig. 10; pl. ii. fig. 20.

The position of a distinct species cannot be allowed to the form *Hyalæa uncinatiformis*, which Pfeffer only distinguishes by certain features of colour and size.

Habitat.—Atlantic Ocean; from $40^{\circ} 5' N.$ (Verrill) to the Cape of Good Hope (British Museum), towards both Old and New Worlds.

Indian Ocean; from the Gulf of Bengal ($15^{\circ} 30' N.$) to $40^{\circ} S.$, from Africa, Red Sea (British Museum), south-east of Arabia (Blanford) to near Australia, $111^{\circ} 40' E.$ (Boas).

Pacific Ocean; western portion, Yedo, Yellow Sea (British Museum), China Sea (Boas); eastern portion from $2^{\circ} 0' N.$ to $8^{\circ} 8' S.$ ("Vettor Pisani" Expedition).

Challenger Specimens.—I. Living specimens.

Station 100, August 16, 1873; St. Vincent to St. Paul's Rocks; lat. $7^{\circ} 1' N.$, long. $15^{\circ} 55' W.$

August—September 1875; Sandwich Islands to Tahiti.

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 85, July 19, 1873; off Palma Island (Canaries); lat. $28^{\circ} 42' N.$, long. $18^{\circ} 6' W.$; depth, 1125 fathoms; bottom, volcanic 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.