

Station 85, July 19, 1873; off Palma Island (Canaries); lat. 28° 42' N., long. 18° 6' W.; depth, 1125 fathoms; bottom, volcanic mud.

Station 185, August 31, 1874; off Raine Island; lat. 11° 35' 25" S., long. 144° 2' 0" E.; depth, 135 fathoms; bottom, coral sand.

*6. *Cavolinia tridentata* (Forskål).

1773. *Anomia tridentata*, Forskål, Descriptiones animalium quae in itinere orientali observavit, p. 124.
1791. *Cavolina natans*, Abildgaard, Nyere Efterretning om det Skaldyr som Forskål har beskrevet under Navnet *Anomia tridentata*, Skriv. naturhist. Selsk., Bd. i., Heft 2, pl. x.
1801. *Hyalæa cornea*, Lamarck, Système des animaux sans vertèbres, p. 140.
1804. *Hyalæa papilionacea*, Bory de St. Vincent, Voyage dans les quatre principales îles des mers d'Afrique, t. i. p. 137, pl. v. fig. 1.
1810. *Hyalæa teniobranche*, Péron et Lesueur, Histoire de la famille des Mollusques Pteropodes, Ann. Mus. Hist. Nat. Paris, t. xv., pl. ii. fig. 13.
1813. *Hyalæa peroni*, Lesueur, Mémoire sur quelques animaux mollusques, &c., Nouv. Bull. Soc. Philom., t. iii. p. 284.
1813. *Hyalæa chemnitziana*, Lesueur, *Ibid.*, p. 284.
1816. *Hyalæa australis*, Péron, Voyage de découvertes aux terres australes, t. i., pl. xxxi. fig. 5 (*sine descriptione*).
1821. *Hyalæa forskahlii*, Lesueur, MS., in de Blainville, Hyalæ, Dict. d. Sci. Nat., t. xxii. p. 79.
1836. *Hyalæa affinis*, d'Orbigny, Voyage dans l'Amérique méridionale, t. v. p. 91, pl. v. figs. 6-10.
1848. *Hyalæa truncata*, Krauss, Südafrikanische Mollusken, p. 34, pl. ii. fig. 12 (*non* Lesueur).
1859. *Cavolinia telemus*, A. Adams, On the Synonyms and Habitats of *Cavolinia*, *Diacria* and *Pleuropus*, Ann. and Mag. Nat. Hist., ser. 3, t. iii. p. 44.
1877. *Hyalæa cumingii*, Sowerby, in Reeve, Conchologia iconica, t. xx., Pteropoda, fig. 5.

For description and figures see Boas, *Spolia atlantica*, p. 115, pl. i. fig. 8; pl. ii. fig. 19.

It is not possible to maintain the specific distinctness of "*Hyalæa affinis*," d'Orbigny, and *Cavolinia tridentata*; the two forms merge into one another (Boas, *Spolia atlantica*, pl. vi. fig. 100).

Habitat.—Atlantic Ocean; from 39° 53' N. (Verrill) to the latitude of the Cape of Good Hope, towards both Old and New Worlds; Mediterranean.

Indian Ocean; from 5° N. to about 40° S., from the coast of Africa (Zanzibar) to Australia.

Pacific Ocean; western portion, Yellow Sea (British Museum), China Sea (Boas), Malay Archipelago (Borneo, &c.) (Gray), lat. 13° N., long. 156° E. ("Vettor Pisani" Expedition); South-east Pacific to 37° S. (Knocker).

Challenger Specimens.—I. Living specimens.

Station 241, June 23, 1875; Yokohama to Sandwich Islands; lat. 35° 41' N., long. 157° 42' E.