

Station 186. September 8, 1874. Lat. $10^{\circ} 30' S.$, long. $142^{\circ} 18' E.$ Wednesday Island, Cape York, North-east Australia. 8 fathoms. Coral mud.

Habitat.—Lord Hood's Island (Adams); Mauritius and Polynesia (v. Martens).

It is scarcely possible to admit this species into the genus *Atys*. The outer lip is not sinuated, and can hardly be said to rise at its insertion. I believe it would be better to class it with *Cylichna*.

3. *Scaphander*, Montfort, 1810.

Species.

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| 1. <i>Scaphander punctostriatus</i> , Migh. | 3. <i>Scaphander niveus</i> , Wats. |
| 2. <i>Scaphander mundus</i> , Wats. | 4. <i>Scaphander gracilis</i> , Wats. |

1. *Scaphander punctostriatus* (Mighels).

Bulla punctostriata, Mighels, Proc. Boston Soc. Nat. Hist., 1841, vol. i. p. 49.

" " Mighels, Journ. Boston Nat. Hist., 1842, vol. iv. p. 43, pl. iv. fig. 10.

Scaphander librarius, Lovén, Ind. Moll. Scandinav., Öfversigt Vet. Akad. Förh., 1846, p. 142, No. 61.

" (*Scaphander*) *punctostriata*, Adams in Sowerby's Thes. Conch., vol. ii. pt. 11, p. 575, pl. cxxi. fig. 50.

" *librarius*, Jeffreys, Brit. Conch., vol. iv. p. 446, vol. v. p. 224, pl. cii. fig. 9.

" *punctostriatus*, Binney's Gould, Inverteb. Massachusetts, p. 215, fig. 505.

" *librarius*, Jeffreys, Biol. Report "Valorous" Dredgings, Proc. Roy. Soc. Lond., 1876, vol. xxv. pp. 185, 194, &c.

" " Jeffreys, Gastropoda of "Valorous" Exped., Ann. and Mag. Nat. Hist., 1877, ser. 4, vol. xix. p. 335.

" " Monterosato, Enumerazione, p. 51.

" *punctostriatus*, G. O. Sars, Moll. Arct. Norv., p. 292, No. 210, pl. xviii. fig. 6.

" " Jeffreys, Moll. of East and West Shores of North Atlantic, Brit. Assoc. Report, 1884, p. 3.

Station 24. March 25, 1873. Lat. $18^{\circ} 38' 30'' N.$, long. $65^{\circ} 5' 30'' W.$ North of Culebra Island, West Indies. 390 fathoms. Pteropod ooze.

Station 73. June 30, 1873. Lat. $38^{\circ} 30' N.$, long. $31^{\circ} 14' W.$ West of Azores. 1000 fathoms. Pteropod ooze. Bottom temperature $39^{\circ} 4 F.$

Station 78. July 10, 1873. Lat. $37^{\circ} 26' N.$, long. $25^{\circ} 13' W.$ San Miguel, Azores. 1000 fathoms. Volcanic mud.

Habitat.—Casco Bay, Massachusetts (Mighels); Iceland, Shetland, and the North Atlantic, generally to 1450 fathoms (Jeffreys); Norway, from 50 to 300 fathoms (Sars); Palermo, Mediterranean, 60 fathoms (Monterosato).

The paper in which this species was communicated was read by Gould on behalf of Dr J. W. Mighels and Professor C. B. Adams, but the species is stated to be described by Mighels.