

Station 78. July 10, 1873. Lat. 37° 26' N., long. 25° 13' W. Off San Miguel, Azores. 1000 fathoms. Volcanic mud.

Habitat.—Bay of Biscay (Jeffreys).

Fossil.—Middle Pliocene of Calabria (Seguenza).

This MS. name of Dr Gwyn Jeffreys has been adopted by Seguenza, who figures and gives a very short description of the species, which must, of course, be attributed to the describer.

2. *Atys*, Montfort, 1810.

The very peculiar twist of the outer lip above the top of the body-whorl, and the consequent sinus in the lip, just at its insertion, form a very well-marked distinction for this genus, as Mr E. A. Smith has already pointed out. Mr A. Adams' definition, though vague and unsatisfactory, by no means excludes this feature, though the addition necessitates, of course, the removal of many species he has reckoned to the genus.

Species.

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| 1. <i>Atys cylindrica</i> (Helbling). | 3. <i>Atys parallela</i> , Gould. |
| 2. <i>Atys debilis</i> , Pease. | 4. <i>Atys hyalina</i> , Wats. |
| 5. <i>Atys (Dinia) dentifera</i> , A. Adams. | |

1. *Atys cylindrica* (Helbling).

- Bulla cylindrica*, Helbling, Beiträge z. Kent. neu. Conch., Abhandl. Böhm. Privatgesellsch., 1879, vol. iv. p. 122, No. 18, pl. ii. figs. 30, 31.
- „ „ Chemnitz, Conch. Cab., vol. x. p. 121, pl. cxlvi. figs. 1356, 1357.
- „ *solida*, Bruguière, Encycl. méthod., vers, vol. i. p. 374, pl. ccclx. fig. 2.
- „ *cylindrica*, Dillwyn, Catalogue, vol. i. p. 496, sp. 56.
- „ „ Wood, Ind. Test., p. 96, pl. xiii. fig. 56.
- „ *solida*, Lamarck, Anim. s. vert., vol. vi. (2), p. 36, and (ed. Desh.) vol. vii. p. 673, sp. 11.
- „ *cylindrica*, Sowerby, Genera, vol. i. pl. xxxi. fig. 7.
- „ (*Atys*) *solida*, *Bulla (Atys) cylindrica*, and *Bulla (Atys) elongata*, Adams in Sowerby's Thes. Conch., vol. ii. pt. 11, p. 585, sp. 82, pl. cxxiv. figs. 112, 113,—sp. 83, pl. cxxv. fig. 114, —and p. 587, sp. 90, pl. cxxv. fig. 121.
- Atys solida*, *Atys cylindrica*, and *Atys elongata*, Reeve, Conch. Icon., vol. xvii. pl. i. fig. 4,—pl. ii. fig. 7,—and fig. 8.
- „ *solida*, Issel, Malac. Mar Rosso, p. 168, No. 416.
- „ *cylindrica*, E. A. Smith, Marine Shells Andamans, Proc. Zool. Soc. Lond., 1878, p. 819, No. 67.
- „ „ Brazier, "Chevert" Exped. Shells, Proc. Linn. Soc. New South Wales, 1878, vol. ii. p. 85, No. 43.
- „ „ v. Martens, Moll. Mauritius, &c., p. 303.

July 29, 1874. Levuka, Fiji. 12 fathoms.