

rounded. *Sculpture*: The angles of the shell project more or less in a sharp rounded rib, which is sometimes double; there are a few longitudinal striæ, regular, 0·01 in. apart, strongest near the angles, more or less obsolete as they recede from these. Neither end is fresh enough for description. L. 0·47 in. B. 0·049.

I have hesitated a good deal in separating this from *Siphodentalium tetragonum*, Broc. = *quinquangulare*, E. For., with which it agrees more closely than with *Siphodentalium pentagonum*, Sars. Here, however, the longitudinal ribs are much closer, as well as much more obsolete; the shell is more curved throughout its whole length, is more attenuated, and retains its square form and sharp angles instead of becoming rounded as in *Siphodentalium tetragonum*, Brocchi. Amidst all the variations of that very variable form I have not seen any that connects it with this species.

2. *Siphodentalium tythum*,<sup>1</sup> Watson (Pl. II. fig. 5).

*Siphodentalium tythum*, Watson, Prelim. Report, pt. 2, Journ. Linn. Soc. Lond., vol. xiv. p. 520.

Station 24. March 25, 1873. Lat. 18° 38' 30" N., long. 65° 5' 30" W. N. of Culebra Island, West Indies. 390 fathoms. Pteropod ooze.

*Shell*.—Minute, very conical, *i.e.*, broadening rapidly, much bent, very thin, but not hyaline, apparently horny when living, and becoming opaque when dead, and then also glossy but not brilliant. *Sculpture*: Some very faint traces of circular striæ on the lines of growth. *Mouth-edge* very thin and chipped. *Apex* broken, but in one specimen showing the two lateral clefts common in the genus. L. 0·22 in. B. at mouth 0·049; at apex 0·013.

In texture and in general form this is like *Siphodentalium vitreum*, Sars, but it broadens much faster and is more curved.

3. *Siphodentalium pusillum*, Watson (Pl. II. fig. 6).

*Siphodentalium pusillum*, Watson, Prelim. Report, pt. 2, Journ. Linn. Soc. Lond., vol. xiv. p. 520.

Station 85. July 19, 1873. Lat. 28° 42' N., long. 18° 6' W. Palma, Canaries. 1125 fathoms. Volcanic mud.

*Shell*.—Minute, attenuated, slightly bent, thin, transparent, irregularly banded with opaque white, which runs elliptically round the shell. *Sculpture*: There is no trace of longitudinal striæ, but the whole surface is sharply scratched with minute transverse striæ, which run (as usual) not directly round the shell, but advance on the concave and retreat on the convex curve. L. 0·12 in. B. at small end 0·01; at broad end 0·02.

<sup>1</sup> τυθής, small.