

2. *Anthocyrtium centaurea*, Haeckel.

Anthocyrtis mespilus, var. *major*, Ehrenberg, 1875, Abhandl. d. k. Akad. d. Wiss. Berlin, p. 66,
Taf. vi. fig. 5.

Shell smooth, with sharp collar stricture. Length of the two joints = 2 : 6, breadth = 3 : 7. Cephalis hemispherical, with irregular, roundish pores, and a very large pyramidal horn, longer than the shell, with contorted edges. Thorax hemispherical, with six to eight transverse rows of regular, circular pores of equal size. Mouth little constricted, with fifteen to twenty divergent, curved, slender feet, about as long as the shell.

Dimensions.—Cephalis 0·02 long, 0·03 broad ; thorax 0·06 long, 0·07 broad.

Habitat.—Fossil in Barbados.

3. *Anthocyrtium anthemis*, n. sp.

Shell papillate, with obliterated collar stricture. Length of the two joints = 1 : 3, breadth = 1 : 3. Cephalis hemispherical, with very small and scarce pores, and a conical horn of the same length. Thorax conical, as long as broad, with conical papillæ, and eight to ten transverse rows of roundish pores, gradually increasing in size downwards. Mouth scarcely constricted, with fifteen to twenty divergent, straight, conical feet, half as long as the thorax.

Dimensions.—Cephalis 0·03 long, 0·04 broad ; thorax 0·09 long, 0·09 broad.

Habitat.—North Pacific, Station 244, depth 2900 fathoms.

4. *Anthocyrtium collare*, Haeckel.

Anthocyrtis collaris, Ehrenberg, 1875, Abhandl. d. k. Akad. d. Wiss. Berlin, p. 64, Taf. vi. fig. 8.

Shell rough, conical, with obliterated collar stricture. Length of the two joints = 3 : 5, breadth = 4 : 7. Cephalis conical, with a pyramidal horn of the same length, and with two transverse rows of rather oblong, narrow pores. Thorax truncate, conical, in the lower part thorny, with six to eight transverse rows of regular, circular pores, increasing in size downwards.

Dimensions.—Cephalis 0·03 long, 0·04 broad ; thorax 0·05 long, 0·07 broad.

Habitat.—Fossil in Barbados.

5. *Anthocyrtium adonis*, n. sp. (Pl. 62 fig. 20).

Shell rough, with sharp collar stricture. Length of the two joints = 3 : 10, breadth = 4 : 12. Cephalis subspherical, with very small circular pores, and a very long, straight cylindrical, horn, twice to three times as long as the shell. Thorax inflated, ovate, or subspherical, with small regular, circular, hexagonally-framed pores. Mouth strongly constricted, half as broad as the thorax, with fifteen to