

2. *Theoconus ægæus*, Haeckel.

Eucyrtidium ægæum, Ehrenberg, 1858, Monatsber. d. k. preuss. Akad. d. Wiss. Berlin, p. 31 ;
Mikrogeol., 1854, Taf. xxxv. a, xix. a, fig. 5.
Eucyrtidium ægæum, Haeckel, 1862, Monogr. d. Radiol., p. 329.

Shell flatly bell-shaped, nearly conical. Length of the three joints = 2 : 5 : 3 ; breadth = 1 : 7 : 8. Cephalis ovate, with a stout, straight, pyramidal horn of the same length. Thorax flat, bell-shaped. Abdomen with increasing breadth towards the wide truncated mouth. Pores in all three joints nearly of the same shape, regular, circular, three times as broad as the bars.

Dimensions.—Length of the three joints, *a* 0.02, *b* 0.05, *c* 0.03 ; breadth, *a* 0.016, *b* 0.07, *c* 0.08.

Habitat.—Mediterranean (Coast of Greece and Sicily), surface.

3. *Theoconus zanguëbaricus*, Haeckel.

Eucyrtidium zanguëbaricum, Ehrenberg, 1872, Abhandl. d. k. Akad. d. Wiss. Berlin, p. 293,
Taf. ix. fig. 22.

Shell bell-shaped. Length of the three joints = 1 : 2 : 1, breadth = 1 : 3 : 4. Cephalis ovate, with a straight, pyramidal horn of half the length. Thorax hemispherical, without collar stricture, but with evident girdle stricture. Abdomen dilated towards the wide truncated mouth. Pores regular, hexagonal, of nearly equal size and form, four to six times as broad as the thin bars.

Dimensions.—Length of the three joints, *a* 0.03, *b* 0.06, *c* 0.03 ; breadth, *a* 0.024, *b* 0.09, *c* 0.11.

Habitat.—Indian Ocean (off Zanzibar), Pullen, depth 2200 fathoms.

4. *Theoconus campanulatus*, Haeckel.

? *Eucyrtidium campanulatum*, Ehrenberg, 1858, Monatsber. d. k. preuss. Akad. d. Wiss. Berlin,
p. 241.
Eucyrtidium campanulatum, Haeckel, 1862, Monogr. d. Radiol., p. 329.

Shell bell-shaped, smooth. Length of the three joints = 2 : 3 : 7, breadth = 3 : 7 : 10. Cephalis small, spherical, with a short, conical, oblique horn of the same length. Thorax hemispherical, with an external girdle stricture, prolonged into the truncated, barrel-shaped abdomen, which is a little constricted at the very wide mouth. Pores small and very numerous, regular, circular, twice to three times as broad as the bars.

Dimensions.—Length of the three joints, *a* 0.02, *b* 0.03, *c* 0.07 ; breadth, *a* 0.03, *b* 0.07, *c* 0.1.

Habitat.—North Atlantic, Station 352, surface.

5. *Theoconus orthoconus*, n. sp.

Shell perfectly conical, smooth. Length of the three joints = 1 : 2 : 3, breadth = 1 : 2 : 4. Cephalis hemispherical, with a strong, straight, conical horn of the same length. Thorax conical, without external girdle stricture, prolonged into the truncated, conical abdomen, which is gradually