

*Dimensions.*—Diameter of the shell 0·1 to 0·12, of the pores 0·002 to 0·008, breadth of the bars 0·004 to 0·008.

*Habitat.*—Tropical and subtropical zone of both hemispheres, widely distributed; Canaries, Azores, Cape Verde Islands, Guinea Coast, Brazil Coast, Indian Ocean, Madagascar, Ceylon, surface.

#### Subgenus 2. *Dyscollosphæra*, Haeckel.

*Definition.*—Shell not a regular sphere, but irregular roundish, in all degrees of variation between subspherical and polyhedral or quite irregular forms.

#### 4. *Collosphæra huxleyi*, J. Müller.

*Collosphæra huxleyi*, J. Müller, 1855, Abhandl. d. k. Akad. d. Wiss. Berlin, pp. 55–59, Taf. viii. figs. 6–9.

*Collosphæra huxleyi*, Haeckel, 1862, Monogr. d. Radiol., p. 534, Taf. xxxiv.

*Collosphæra huxleyi*, Cienkowski, 1871, Archiv f. mikrosk. Anat., Bd. vii. p. 374, Taf. xxix. figs. 1–6.

*Collosphæra ligurina*, J. Müller, 1856, Monatsber. d. k. Akad. d. Wiss. Berlin, p. 481.

*Thalassicolla punctata*, var., Huxley, 1851, Ann. and Mag. Nat. Hist., ser. 2, vol. viii. p. 434, pl. xvi. fig. 6.

Shell subspherical, somewhat irregular, sometimes with more or less superficial impressions, with irregular network of roundish meshes. Eight to sixteen meshes in the half meridian of the shell, one to three times as broad as their bars. Very variable, with direct transition-forms to other species of this genus, especially to *Collosphæra globularis*, *Collosphæra tuberosa*, *Collosphæra pyriformis*, and *Collosphæra polyedra*.

*Dimensions.*—Diameter of the shell 0·1 to 0·16, of the pores 0·004 to 0·012, of the bridges 0·003 to 0·006.

*Habitat.*—Cosmopolitan; common in the greater part of the warmer seas, surface.

#### 5. *Collosphæra polygona*, n. sp. (Pl. 5, fig. 13).

*Collosphæra huxleyi* var., Haeckel, 1862, Monogr. d. Radiol., Taf. xxxiv. fig. 5.

Shell irregular polygonal, with very delicate, irregular network of polygonal meshes, four to twelve times as broad as the bars. Ten to twenty pores on the half meridian of the shell.

*Dimensions.*—Diameter of the shell 0·1 to 0·2, of the pores 0·012 to 0·004, of the bars 0·001 to 0·002.

*Habitat.*—Mediterranean, Atlantic, surface; Stations 348 to 354.

#### 6. *Collosphæra pyriformis*, Haeckel, n. sp.

Shell irregular, rounded, ovate or pear-shaped, with irregular network of rounded or nearly polygonal meshes. Ten to twenty meshes in the half meridian of the shell, one to three times as broad as the bars. Commonly one large opening (two to three times as broad as the largest