Dimensions.—Diameter of the outer shell 0·24, inner 0·06, outer pores 0·008 to 0·016, bars 0·002.

Habitat.—South Atlantic, Station 325, surface.

13. *Carposphæra corypha*, n. sp.

Cortical shell thin walled, rough, three times as broad as the medullary shell, with irregular polygonal pores, three to six times as broad as the bars. Connecting beams between the two shells twenty, regularly disposed.

Dimensions.—Diameter of the outer shell 0·15, inner 0·05, outer pores 0·01 to 0·02, bars 0·003.

Habitat.—South Pacific, Station 300, surface.

14. *Carposphæra borassus*, n. sp.

Cortical shell thick walled, smooth, three times as broad as the medullary shell, with irregular polygonal pores, two to four times as broad as the bars. Connecting beams between the two shells six, opposite by pairs in the three dimensive axes. (Similar to *Hexalonche aristarchi*, Pl. **22,** fig. 3, but without external radial spines.)

Dimensions.—Diameter of the outer shell 0·12, inner 0·04, outer pores 0·01 to 0·02, bars 0·005.

Habitat.—Central Pacific, Station 268, surface.

Subgenus 4. *Phœnicosphæra*, Haeckel.

Definition.—Pores of the cortical shell irregular roundish, of unequal size or form.

15. *Carposphæra nobilis*, Haeckel.

Haliomma nobile, Ehrenberg, 1844, Monatsber. d. k. preuss. Akad. d. Wiss. Berlin, p. 268; Abhandl., 1875, Taf. xxvii. fig. 6.

Cortical shell thin walled, rough, twice as broad as the medullary shell, with irregular roundish pores, two to four times as broad as the bars.

Dimensions.—Diameter of the outer shell 0·1, inner 0·05, outer pores 0·01 to 0·02, bars 0·006.

Habitat.—Cosmopolitan; Atlantic, Indian, Pacific, at various depths; fossil in Jurassic, Cretaceous, and Tertiary rocks.

16. *Carposphæra micrococcus*, n. sp.

Cortical shell thin walled, rough, seven times as broad as the medullary shell, with irregular roundish pores, three to six times as broad as the bars.

Dimensions.—Diameter of the outer shell 0·2, inner 0·03, outer pores 0·012 to 0·025, bars 0·004.

Habitat.—South Atlantic, Station 330, surface.