

2. *Phacodiscus lentiformis*, n. sp. (Pl. 35, fig. 8).

Disk with smooth surface, three and a half times as broad as the outer, and ten times as broad as the inner medullary shell. Pores regularly circular; twelve to thirteen on the radius of the disk. Margin of the disk sharp, as in a biconvex lens.

*Dimensions*.—Diameter of the disk 0.25, of the outer medullary shell 0.07, of the inner 0.025; pores 0.01.

*Habitat*.—Central Pacific, Station 265, depth 2900 fathoms; fossil in Barbados.

3. *Phacodiscus grandis*, n. sp.

Disk with thorny surface, five times as broad as the outer, and fifteen times as broad as the inner medullary shell. Pores regularly circular; twenty-two to twenty-four on the radius of the disk. Margin of the disk thick, rounded.

*Dimensions*.—Diameter of the disk 0.45, of the outer medullary shell 0.09, of the inner 0.03; pores 0.01.

*Habitat*.—Western Tropical Pacific, Station 225, depth 4475 fathoms.

Subgenus 2. *Phacodisculus*, Haeckel.

*Definition*.—Surface of the disk with elevated radial ribs or spines.

4. *Phacodiscus echiniscus*, n. sp.

Disk with spiny surface, four times as broad as the outer, and ten times as broad as the inner medullary shell. Pores irregularly roundish; fourteen to fifteen on the radius of the disk. Margin of the disk sharp, as in a biconvex lens.

*Dimensions*.—Diameter of the disk 0.3, of the outer medullary shell 0.75, of the inner 0.03; pores 0.007.

*Habitat*.—South Atlantic, Station 332, depth 2200 fathoms.

5. *Phacodiscus clypeus*, n. sp. (Pl. 35, figs. 6, 9).

Disk with radiated surface, four times as broad as the outer, and twelve times as broad as the inner medullary shell. Pores regularly circular; sixteen to eighteen on the radius of the disk; in the distal half disposed in sixty to seventy radial series, which are separated by prominent crests; the sharp margin therefore a little jagged.

*Dimensions*.—Diameter of the disk 0.2, of the outer medullary shell 0.05, of the inner 0.017; pores 0.006.

*Habitat*.—Pacific, central area, Station 266, depth 2750 fathoms.