

7. *Xiphostylus cuculus*, n. sp.

Pores regular, circular, hexagonally framed, three times as broad as the bars; ten to twelve on the half equator. Surface thorny, between every three pores a short conical thorn. Polar spines three-sided prismatic, the major somewhat longer than the diameter of the sphere, the minor scarcely one-third as long, pommel-shaped.

*Dimensions*.—Diameter of the sphere 0·17, pores 0·012, bars 0·004; length of the major polar spine 0·2, of the minor 0·05, basal breadth 0·015.

*Habitat*.—South Atlantic, surface; Station 335, depth 1425 fathoms.

8. *Xiphostylus trochilus*, n. sp. (Pl. 13, fig. 10).

Pores regular, circular, four times as broad as the bars; eight to nine on the half equator. Polar spines cylindrical, the major somewhat longer than the axis of the sphere, the minor shorter, surrounded by a group of from four to eight shorter conical spines. Surface of the opposite hemisphere smooth, without by-spines.

*Dimensions*.—Diameter of the sphere 0·07 to 0·08, pores 0·01, bars 0·0025.

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

9. *Xiphostylus picus*, n. sp. (Pl. 14, fig. 13).

*Lithomespilus picus*, Haeckel, 1881, Prodröm. et Atlas.

Pores regular, circular, twice as broad as the bars; sixteen to eighteen on the half equator. Polar spines cylindrical, conical at the apex, the major once and a half to twice as long as the diameter of the shell, the minor scarcely half so long; around the latter a group of twelve to twenty shorter conical spines, irregularly scattered. Surface of the other hemisphere smooth.

*Dimensions*.—Diameter of the sphere 0·13, pores 0·006, bars 0·003; length of the major polar spine 0·2 to 0·24, of the minor 0·08 to 0·09, basal breadth 0·02.

*Habitat*.—Central Pacific, Station 265, depth 2900 fathoms.

Subgenus 3. *Xiphostylissa*, Haeckel.

*Definition*.—Pores of the spherical shell irregular, of unequal size or form; surface smooth or a little rough, without thorns.

10. *Xiphostylus trogon*, n. sp. (Pl. 14, fig. 12).

*Lithomespilus trogon*, Haeckel, 1881, Prodröm. et Atlas.

Pores irregular, roundish or subcircular, two to three times as broad as the bars; ten to twelve on the half equator. Surface smooth. Major polar spine three-sided prismatic, once and a half to twice as long as the axis of the sphere; minor spine quite rudimentary, scarcely longer than broad, but surrounded by a group of from three to six similar short spines.