

1. *Phatnaspis lacunaria*, n. sp. (Pl. 136, fig. 9).

Parmal pores irregular quadrangular, of unequal size and form, ten to twelve on each side of the primary diagonal rib, which arises from both flat sides of the two-edged spines; two primary aspal pores opposite on both edges of the latter. Spines much compressed, sword-like, their outer half shorter than the inner.

*Dimensions*.—Length of the shell 0.21 to 0.23, breadth 0.18 to 0.2; basal breadth of the spines 0.01.

*Habitat*.—Central Pacific, Station 268, surface.

2. *Phatnaspis ensiformis*, n. sp.

Parmal pores irregular quadrangular, of unequal size and form, six to eight on each side of the primary diagonal rib, which arises from both flat sides of the two-edged spines; two primary aspal pores opposite on the two edges of the latter. Spines very broad, strongly compressed, sword-like, their outer half larger than the inner.

*Dimensions*.—Length of the shell 0.16, breadth 0.11; basal breadth of the spines 0.02.

*Habitat*.—Tropical Atlantic, Station 348, surface.

3. *Phatnaspis loculata*, n. sp.

Parmal pores regular quadrangular, of nearly equal size and form, twelve to sixteen on each side of the primary diagonal rib, which arises from both flat sides of the two-edged spines; two primary aspal pores on the two edges of the latter. Spines linear, compressed, very long and thin, their outer half three to four times as long as the inner.

*Dimensions*.—Length of the shell 0.24, breadth 0.18; breadth of the spines 0.004.

*Habitat*.—North Atlantic, Station 354, surface.

4. *Phatnaspis fenestrata*, Haeckel.

*Haliommatulium fenestratum*, Haeckel, 1862, Monogr. d. Radiol., p. 421.

Parmal pores regular quadrangular, of nearly equal size and form, six to eight on each side of the primary diagonal rib, which arises from both flat sides of the two-edged spines; two primary aspal pores on the two edges of the latter. Spines linear, little compressed, or nearly needle-shaped, very long and thin, their outer half five to ten times as long as the inner.

*Dimensions*.—Length of the shell 0.11 to 0.12, breadth 0.07 to 0.08; breadth of the spines 0.002.

*Habitat*.—Mediterranean (Messina), surface.

5. *Phatnaspis cristata*, n. sp. (Pl. 136, fig. 6).

Parmal pores circular, of very different size, separated by high square crests, ten to twelve on each side of the high, comb-like, primary diagonal rib, which arises from both flat sides of the two-