

1. *Pharyngella monoceros*, n. sp.

Shell ovate, slightly compressed, with a single large tooth on the dorsal corner of the peristome. The tooth is cylindro-conical, half as long as the shell, straight or slightly curved, and lies in the main axis of the shell. Pharynx cylindrical, straight, half as long as the shell-radius. This species is very similar to *Challengeria tritonis* (Pl. 99, fig. 5), and to the common cosmopolitan *Challengeria naresii*, but differs generically from them in the possession of the pharynx.

Dimensions.—Diameter of the shell 0.25 to 0.28; length of the tooth 0.14.

Habitat.—Tropical Atlantic, Station 348, depth 2450 fathoms.

2. *Pharyngella gastrula*, n. sp. (Pl. 99, fig. 18).

Shell ovate. Peristome with two parallel, vertical, straight, pointed teeth, which are half as long as the shell-radius. Pharynx of the same length, cylindrical or funnel-shaped, its outer aperture scarcely broader than the inner.

Dimensions.—Length of the shell 0.3 to 0.36, breadth 0.24 to 0.3; teeth and pharynx 0.07 to 0.09.

Habitat.—North Atlantic, Færøe Channel (Gulf Stream), John Murray, depth 600 fathoms.

3. *Pharyngella invaginata*, n. sp.

Shell circular, slightly compressed or nearly spherical. Peristome with two parallel, vertical, straight, pointed teeth, which are about as long as the shell-radius. Pharynx of the same length, funnel-shaped; its outer aperture twice as broad as the inner.

Dimensions.—Diameter of the shell 0.2 to 0.22, teeth and pharynx 0.05.

Habitat.—Tropical Atlantic, Station 347, depth 2250 fathoms.

4. *Pharyngella gastræa*, n. sp. (Pl. 99, fig. 17).

Shell broad, ovate or nearly circular, lenticular, strongly compressed. Peristome with two parallel, pointed teeth, which are nearly as long as the shell-radius, slightly curved, and obliquely inclined over the mouth. Pharynx half as long, cylindrical, obliquely descending; its outer and inner apertures of equal breadth.

Dimensions.—Diameter of the shell 0.3 to 0.33, teeth 0.12, pharynx 0.06.

Habitat.—South Atlantic, Stations 328 to 334, surface.

Genus 698. *Porcupinia*,¹ Haeckel, 1879, Sitzungsber. med.-nat. Gesellsch.
Jena, Dec. 12, p. 5.

Definition.—Challengerida with a pharynx, with teeth on the mouth and marginal spines.

The genus *Porcupinia* differs from the preceding *Pharyngella* in the development

¹ *Porcupinia*, in memory of H.M.S. "Porcupine" by which the first British deep-sea explorations were carried out during the years 1869 and 1870.