

with two parallel, triangular pointed teeth, which are obliquely ascending, lamellar, with inflated ovate base, and about as long as the shell-radius.

Dimensions.—Diameter of the shell 0·2 to 0·3, length of the teeth 0·1 to 0·15.

Habitat.—Tropical Atlantic, Stations 347, 348, depth 2250 to 2450 fathoms.

8. *Challengeria harstoni*, John Murray.

Challengeria harstoni, John Murray, 1879, *in litteris*, Narr. Chall. Exp., vol. i. p. 226, pl. A, fig. 14a.

Shell subcircular or somewhat triangular, with convex margins. Peristome with two parallel, slender, lanceolate teeth, which are obliquely ascending, and about half as long as the shell-radius.

Dimensions.—Diameter of the shell 0·15 to 0·18, length of the teeth 0·04 to 0·05.

Habitat.—North Pacific, Station 231, depth 2250 fathoms.

9. *Challengeria campbelli*, John Murray.

Challengeria campbelli, John Murray, 1879, *in litteris*, Narr. Chall. Exp., vol. i. p. 226, pl. A, fig. 9.

Shell cordate, nearly triangular, compressed, with blunt apex. Peristome in the excavated middle of the broad base, with two short, parallel, triangular teeth. This species is very similar to *Porcupinia cordiformis* (Pl. 99, fig. 16), but differs from it in the absence of an internal pharynx and of external apical spines.

Dimensions.—Diameter of the shell 0·2 to 0·24; length of the teeth 0·03 to 0·05.

Habitat.—South Atlantic, Stations 332 to 335, depth 1425 to 2200 fathoms.

10. *Challengeria thomsoni*, John Murray.

Challengeria thomsoni, John Murray, 1879, *in litteris*, Narr. Chall. Exp., vol. i. p. 226, pl. A, fig. 2.

Shell ovate, slightly compressed, with rounded apical pole. Peristome semitubular, obliquely ascending, nearly straight, in the lower half an open half-cylinder, in the upper half forked, with two parallel, thin, oblique teeth. Sometimes a third small (dorsal) tooth is developed.

Dimensions.—Length of the shell 0·3 to 0·35, breadth 0·2 to 0·25; length of the peristome 0·08 to 0·12.

Habitat.—South Atlantic, Stations 318 to 330, surface, and in depths from 1900 to 2900 fathoms.

11. *Challengeria bidens*, n. sp.

Shell ovate, strongly compressed, lenticular. Peristome with two curved, long and thin bristle-shaped teeth, which are obliquely inclined over the mouth, and longer than the radius of the shell.

Dimensions.—Length of the shell 0·12 to 0·18, breadth 0·1 to 0·14; length of the teeth 0·08 to 0·1.

Habitat.—Central Pacific, Stations 271 to 274, depth 2350 to 2750 fathoms.