

- (1) Umbo of the carinal latus much projecting beyond the line of the carina.
- a.* Upper latus triangular, . . . *Scalpellum velutinum*, n. sp.
- b.* Upper latus quadrangular, . . . *Scalpellum pedunculatum*, n. sp.
- (2) Umbo of the carinal latus not much projecting, . . . *Scalpellum eximium*, n. sp.
2. Roof of the carina slightly convex laterally.
- (1) Carinal latus very high, . . . *Scalpellum gigas*, n. sp.
- (2) Carinal latus not very high.
- a.* Upper latus almost triangular, . . . *Scalpellum moluccanum*, n. sp.
- b.* Upper latus rather quadrangular.
- (*a*) Peduncle short, . . . *Scalpellum regium* (Wyv. Thoms.), n. sp.
- (*b*) Peduncle long, . . . *Scalpellum darwinii*, n. sp.
- (B) Rostrum wanting.
- a.* Carina consisting of a roof and distinct sides.
- i.* Roof flat, bordered by more or less prominent ridges.
- (*α*) Infra-median latus large, wine-glass-shaped, . . . *Scalpellum distinctum*, n. sp.
- (*β*) Infra-median latus middle-sized, oblong-quadrangular.
- (*i*) Carina almost straight, . . . *Scalpellum minutum*, n. sp.
- (*ii*) Carina strongly bowed, . . . *Scalpellum abyssicola*, n. sp.
- (*γ*) Infra-median latus small, triangular, . . . *Scalpellum vitreum*, n. sp.
- (*δ*) Infra-median latus narrow, elongate.
- (*i*) Scutum almost triangular, . . . *Scalpellum planum*, n. sp.
- (*ii*) Scutum quadrangular.
1. Umbo of the carinal latus projecting beyond the carina, . . . *Scalpellum australicum*, n. sp.
2. Umbo of the carinal latus not projecting beyond the carina, . . . *Scalpellum tenue*, n. sp.
- (*ε*) Infra-median latus large, quadrilateral, . . . *Scalpellum rutilum*, Darwin.
- ii.* Roof flat, not bordered by distinct ridges.
- (*a*) Carina very strongly bowed, . . . *Scalpellum indicum*, n. sp.
- (*β*) Carina not very strongly bowed.
- (*i*) Infra-median latus small, triangular, . . . *Scalpellum tritonis*, n. sp.
- (*ii*) Infra-median latus elongate, quadrangular, . . . *Scalpellum novæ-zelandiæ*, n. sp.
- iii.* Roof slightly convex laterally.
- (*a*) Infra-median latus triangular, . . . *Scalpellum dubium*, n. sp.
- (*β*) Infra-median latus narrow, . . . *Scalpellum flavum*, n. sp.
- (*β*) No distinct roof can be distinguished on the carina.
- i.* Carinal latus as high as the carina, . . . *Scalpellum balanoides*, n. sp.
- ii.* Carinal latus of the ordinary height, . . . *Scalpellum triangulare*, n. sp.

A. SPECIES WITH IMPERFECTLY CALCIFIED VALVES.

Scalpellum marginatum, n. sp. (Pl. VI. figs. 5, 6).

Valves thirteen, imperfectly calcified, covered by a chitinous membrane. Carina simply bowed, with the umbo almost at the apex. Upper latus has the form of a V, the umbo being placed at the angle of the two segments.