

- i. Upper latus quadrant-shaped, with the arched side
 deeply notched, *Scalpellum ornatum*, Gray, sp.
- ii. Upper latus irregularly oval, *Scalpellum vulgare*, Leach.
- β. Umbo of the carina at a small distance from the apex.
- i. Infra-median latus large, oblong-quadrangular, *Scalpellum stroemii*, Sars.
- ii. Infra-median latus large, wine-glass-shaped, *Scalpellum carinatum*, n. sp.
- iii. Infra-median latus small, triangular, *Scalpellum recurvirostrum*,
 n. sp.
- b. Rostrum wanting or not distinct, *Scalpellum compressum*, n. sp.
- C. Species with the carina simply bowed.
- A. With a sub-carina, *Scalpellum acutum*, n. sp.
- B. Without a sub-carina.
- (A) Rostrum present.
- a. Rostrum not covered laterally by the free edges of the
 rostral latera.
- i. Rostrum wedge-shaped. Carina short, *Scalpellum brevecarinatum*,
 n. sp.
- ii. Rostrum elongate, narrow. Carina long, *Scalpellum angustum*, G. O.
 Sars.
- iii. Rostrum wine-glass-shaped. Carina long, *Scalpellum parallelogramma*,
 n. sp.
- iv. Rostrum protuberant, hook-shaped. Carina long, *Scalpellum hamatum*, G. O.
 Sars.
- β. Rostrum covered laterally by the free edges of the rostral
 latera.
- i. Rostrum large oval.
- (i) Valves separated by distinct chitinous inter-
 vals, *Scalpellum album*, n. sp.
- (ii) Valves not separated by chitinous intervals, *Scalpellum africanum*, n. sp.
- ii. Rostrum small, distinctly visible at the surface.
- (i) Surface of the valves with long hairs, *Scalpellum hirsutum*, n. sp.
- (ii) Surface of the valves smooth, or with short
 hairs.
1. Infra-median latus quadrangular, *Scalpellum nymphocola*, n. sp.
2. Infra-median latus triangular, *Scalpellum rubrum*, n. sp.
3. Infra-median latus elongate, narrow, *Scalpellum cornutum*, G. O.
 Sars.
4. Infra-median latus very small, *Scalpellum striolatum*, G. O.
 Sars.
- iii. Rostrum extremely narrow, hardly visible at the
 surface.
- (i) Tergum bluntly truncated, *Scalpellum truncatum*, n. sp.
- (ii) Tergum triangular, not truncated, *Scalpellum elongatum*, n. sp.
- iv. Rostrum only visible after the chitinous membrane
 has been taken away.
- (i) Umbo of the carinal latus almost at the base of
 the valve, *Scalpellum antarcticum*, n. sp.
- (ii) Umbo of the carinal latus at a distance from
 the base.
1. Roof of the carina flat.