

22. *Platydoris murrea* (Abraham).  
Indian Ocean (Mauritius).
23. *Platydoris* (?) *sordida* (Quoy et Gaimard).  
Indian Ocean (Ile de France).

*Platydoris eurychlamys*, Bergh (Pl. II. figs. 18–24; Pl. III. figs. 1–12).

*Platydoris eurychlamys*, Bergh, Malacolog. Untersuch. (in Semper, Reisen im Archip. d. Philipp. Th. II. Bd. ii.), Heft xii., 1877, pp. 510–513; Taf. lix. figs. 11–18; Taf. lx. figs. 1, 2. Supplementheft i., 1880, pp. 61, 62; Taf. E. figs. 10, 11.

*Habitat*.—Philippine Sea (Samboangan).

A single specimen was taken on February 1, 1875, from a depth of 10 fathoms, at Samboangan, together with *Ceratosoma cornigerum* and *Discodoris morphæa*, and well preserved in alcohol.

The specimen, which was somewhat strongly hardened and rather bent, measured 8 cm. long by 4·8 in breadth and 1·6 cm. in height; the breadth of the mantle edge in front was 1 cm., at the sides and behind 2 cm.; the breadth of the foot about 1·5 cm., the length of the tail 6 mm.; the height of the rhinophorial bosses 2·5 mm., the apertures measuring about 2 mm.; the breadth of the branchial slit about 12 mm.; the height of the rhinophoria 6·5 mm., of the branchia 10 mm., and of the anal papilla about 5 mm.; the length of the tentacles 3 mm.—The *colour* of the whole upper surface brownish-grey; the sides of the body were about the same colour, as were also the margins of the foot, but still somewhat lighter; the under side of the mantle edge was a clear yellowish-white, so also the head and tentacles; the rhinophoria were greenish-grey, the leaves of the gill blackish-grey, but the rhachidian parts yellowish-white; the sole of the foot was yellowish-white.

The *form* of the body was much as usual. The broad mantle edge was undulated at its margin; the *dorsal surface* hard, somewhat rough to the touch, because it is covered all over with extremely fine knots. The *rhinophorial bosses* were about 5·5 mm. in diameter, with a crenate opening; the stem of the retracted rhinophore was about one-third of its whole extent; the club was provided with at least fifty broad lamellæ on each side. The wide branchial cleft was five-lobed, two in front, the largest behind, and one on either side; the height of the largest lobe was 6 mm. The branchia was made up of six tripinnate leaves; in front of the hindermost ones, and between them, was the cylindrical truncated *anal papilla*; close to the base of which, and slightly to the right, was the round *orifice of the renal organ*. The genital opening was strongly retracted. The anterior margin of the *foot* had a shallow furrow, the posterior end was rounded.—The peritoneum was quite colourless.

The strongly flattened *central nervous system* was enclosed in a narrow tough cap-