

Marsenia dubia, n. sp.

- Figure 1.—The head, from above, with tentacles and ophthalmophoria. Cam. luc. × 100 diam.
" 2.—The superior intestinal mass, after removal of the shell; *a*, the true stomach; *b*, the hermaphrodite gland; *c*, the foliated gland; *d*, the pericardium, at its right side the kidney;* *e*, the olfactory organ, behind it the gill; the muscular facettes very distinct to the right and left; at the anterior margin the shell-fillet.
" 3.—*a*, the penis; *b*, protruded end of the vas deferens. Cam. luc. × 100 diam.
" 4.—A median plate of the radula, from below. Cam. luc. × 350 diam.
" 5.—Part of the radula, from above; *a*, median plate; *b, b*, lateral plates; *c*, fillet of the radula. Cam. luc. × 750 diam.
" 6.—Lateral plate, from the under side. Cam. luc. × 750 diam.

Marseniopsis pacifica, n. sp.

- Figure 7.—The shell, from the right side, × 2.
" 8.—The superior intestinal mass after removal of the shell, × 2; *a*, ovary; *b*, foliated gland; *c*, right muscular facette, and above this the mucus gland; *d*, space between foliated gland and *e*, gill.
" 9.—Head, from the under side, with tentacles and ophthalmophoria.
" 10.—Central nervous system, from above; *a*, cerebral ganglia; *b, b*, pleural ganglia; *c*, infra-intestinal ganglion; *d*, supra-intestinal ganglion; *e*, buccal ganglia.
" 11.—Pedal ganglia; *a*, accessory pedal ganglia; *b, b*, cerebro-pedal and pleuro-pedal connectives; *c, c*, otocysts.
" 12.—The bulbus pharyngeus, from the side; *a*, mouth tube; *b*, cartilaginous patch; *c*, *Musculus lateralis inferior*; *d*, radula-sheet; *e*, oesophagus.
" 13.—*a*, anterior margin of the labial-disc; *b, b*, mandibular plates.
" 14.—Anterior part of a mandibular plate; *a*, anterior end. Cam. luc. × 350 diam.
" 15.—Cuticula of the external mouth. Cam. luc. × 350 diam.
" 16.—Part of radula, with three series of plates, from above. Cam. luc. × 350 diam. *a*, median plates; *b, b*, lateral plates; *c*, external hooks; *d, d*, fillet of the radula.
" 17.—Two median plates. Cam. luc. × 350 diam.
" 18.—Two other median plates. Cam. luc. × 350 diam.
" 19.—*a*, lateral plate; *b*, innermost external hook. Cam. luc. × 350 diam.
" 20.—*a*, median plates; *b*, lateral plates, from the under side. Cam. luc. × 350 diam.
" 21.—*a*, innermost; *b*, outermost of the two external hooks; *c*, fillet of the radula. Cam. luc. × 350 diam.
" 22.—*a*, oesophagus; *b*, wider part of the same; *c*, foliated (glandular) stomach; *d*, gut ascending to the true stomach.
" 23.—Branchial leaf; *a*, anterior margin. Cam. luc. × 55 diam.
" 24.—Renal organ, from the under side; *a*, pericardio-renal aperture.
" 25.—Part of the foliated gland.
" 26.—*a*, mucus- and albumen-gland; *b*, seminal vesicles.
" 27.—*a*, vagina; *b*, vulva; *c*, vestibular sac.

Marseniopsis murrayi, n. sp.

- Figure 28.—Transverse section of a whole mandibular plate; *a*, posterior part; *b*, anterior part.
" 29.—Median plate, from the side. Cam. luc. × 350 diam.
" 30.—Median plate, from above. Cam. luc. × 350 diam.
" 31.—Lateral plate, obliquely from the under side. Cam. luc. × 350 diam.
" 32.—Lateral plate, from the side. Cam. luc. × 350 diam.
" 33.—*a*, lateral plate; *b*, external hooks. Cam. luc. × 350 diam.
" 34.—Lobe of the testis; *a*, efferent duct.
Figures 35, 36.—Zoosperms.
Figure 37.—A number of Zoosperms (?) from the testis.
" 38.—Penis; *a*, base; *b*, opening of the vas deferens.

* The letter *e*, indicating the olfactory organ, has been omitted in the plate.