

of the latter is situated the sessile *spermatocyst*; this organ is yellow in colour and sausage-shaped, bent in the middle; when extended it measured 7 mm. long; it was full of semen. The vaginal duct is short, about one-third of the length of the spermatheca, widening below to form the vagina (fig. 17, c); both portions are lined with a strong cuticle. The *mucous gland* is whitish; the more yellowish albuminiparous gland is situated on its anterior and inner side. The whitish tongue-shaped *vestibulo-vaginal gland* measures 1.5 mm. long, and is sessile.

Whether the form investigated here is merely a variety of *Ceratosoma cornigerum*, or is a distinct species, must be left for the present undecided. The armature of the tongue, and perhaps the structure of the genital apparatus, might support the latter view.

Archidoris, Bergh.

Archidoris, Bergh, Malacolog. Untersuch. (in Semper, Reisen im Archip. d. Philipp., Th. II. Bd. ii.), Heft xiv., 1878, p. 616; Supplementheft i., 1880, pp. 33-35.

„ Bergh, On the Nudibr. Gastr. Moll. of the North Pacific Ocean (in Dall, Scientific Results of the Exploration of Alaska, vol. i., art v.), part 1, 1879, pp. 106-108 (162-164).

Corpus non durum, subdepressum; dorso granuloso vel tuberculoso. Tentacula brevia, crassa, sulco marginali externo. Branchia (retractilis) e foliistri- vel quadripinnatis sat paucis formata. Podarium sat latum, margine anteriore superficialiter sulcatum.

Armatura labialis nulla. Radula rhachide nuda, pleuris multidentatis; dentes hamati.—Penis inermis; vagina inermis.

When Linnæus founded the genus *Doris*, in the tenth edition of his *Systema Naturæ* (1758), he only referred a single species to it,—his *Doris verrucosa*.¹ This species, founded solely on the figures of Seba and Rumphius, is probably indeterminable, and the *Doris* of the tenth edition of the *Systema Naturæ* should, therefore, not have been retained in subsequent editions. In the twelfth edition (1767) the genus includes three other forms,—*Doris bilamellata*, *Doris lævis*, and *Doris argo*, besides *Doris verrucosa*, which still figures as the first species. One of these three should become the type of the restricted genus, but which? It is much better to do away altogether with the name *Doris* as a generic designation (especially as Linnæus also used it in another sense for the animal of various shell-bearing molluscs), and with this view I have formed the genus *Archidoris*.

This generic group, which is congeneric with the first of the sections established by Alder and Hancock in their systematic prospectus,² is rather distinctly marked. The

¹ Bergh, Malacolog. Untersuch., *loc. cit.*, Heft x., 1876, p. 388.

² Monogr. of Brit. Nudibr. Moll., part vii., p. xvi., 1855.