

and size, and often armed with hooks and crotchets. At the ventral base of this end-portion is usually found a chitinous sack, commonly and erroneously taken to be the blind end of the *Penis* itself, giving rise to the idea that the Ductus ejaculatorius entered the *Penis* from the dorsal side. As a matter of fact the *Penis* extends far beyond this point into the abdomen, the use of the sack being to contain the retractor muscle of the eversible Ductus ejaculatorius, which passes through the *Penis* for its entire length as a finely chitinized tube and may occasionally be observed projecting from the distal end in the form of a delicate membrane.

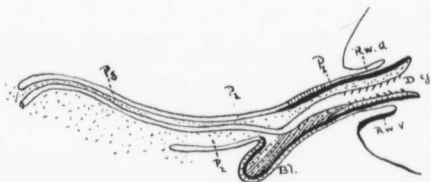


FIG. 10.—Section through Penis and Penis pouch (according to Zander). P1, P2, P3, Penis; D. ej., Ductus ejaculatorius; R.w. d., Dorsal portion of Ringwall; R.w. v., Ventral portion of Ringwall; B.L., Blind pouch with musc. retract.

In this preface to "Genitalia of British Noctuidæ," issued in 1909, *Pierce* has devoted a short chapter to "Nomenclature and Descriptions." While we do not wish to depreciate the excellent work done by the author, we regret to find that his definitions are, in the light of what we have just stated, far from correct. As already noted, the term *Harpe* is applied by *Pierce* to the two outermost lateral appendages. Taking into consideration the ontogenetic development of these parts, as shown by *Zander*, and referring to the original definition of the term as given by *Gosse*, we inevitably come to the conclusion that *Pierce's* use of it is incorrect. He has either followed *Smith's* lead or has possibly confused it with the *harpago* of *Buchanan-White*, which, in its turn, must fall before the older terms *valve* or *clasp*. The *harpago* is not, as *Gosse* has stated, a fusion of *valve* and *harpe*, but rather a simple *valve* which is destitute of any inner armature in the shape of a *harpe*. The term *clasper*, as used by *Pierce* and by *J. B. Smith*, also cannot stand; *Scudder* has already employed the term for another portion, viz., the *valve*. The hook-like process arising from the central portion of the inner side of the