



SEXUAL DIMORPHISM IN *PLECIA NEARCTICA* PUPAE (DIPTERA: BIBIONIDAE)—(Note). In lovebug research it is sometimes necessary to have virgin females. Since it is difficult to obtain them in the field it is of great benefit to be able to sex the pupae. This may be done as follows: on the terminal (ninth) sternite there is a pair of rounded papillae. (The terminal segment also bears a pair of stout, dark brown, sharply pointed processes at its tip.) The location of the rounded papillae will indicate the sex. If they are located some distance posterior to the margin of the eighth sternite (Fig. 1) the specimen is a male; in the female the papillae are usually partially covered by the eighth sternite. L. C. Kuitert, Univ. of Florida, Gainesville 32611.

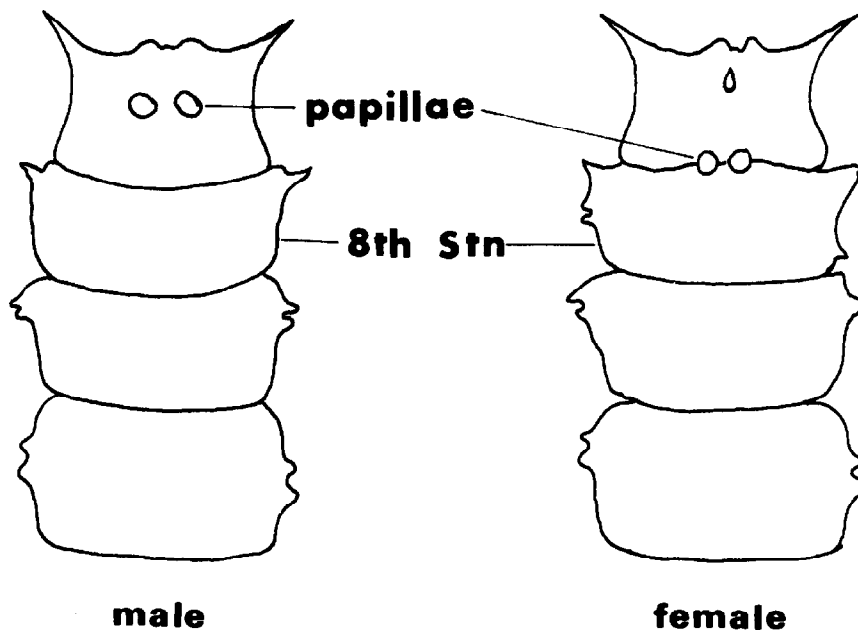


Fig. 1. Ventral view of terminal segments of *Plecia nearctica* pupae.