

form, grasping the mesostigmal laminal or not. The female, by drawing the hind lobe of the pronotum closely against the mesostigmal laminal, prevents the escape of the male.

D. Dorsum of apex of segment 10 of male modified to form a brace against the middorsal carina or its fork or the cavity in the fork. *Anomalagrion*, *Ischnura*, *Enallagma*.

DD. Dorsum of apex of segment 10 of male with a viscid pruinose tubercle on either side which attaches itself to the mesoepisternum of the female on either side of the fork of the middorsal carina, the tubercle which corresponds to the inferior appendage of Anisoptera engaging the cavity in the fork between the mesostigmal laminae. *Argia* (*putrida* and *apicalis*).

In my specimens the inferior appendages of the male were in contact with the dorsum of the pronotum of the female in the position shown in fig. 1. The posterior prominence of the inferior appendages fits into the depression between the middle and hind lobes of the pronotum, which is deepened on each side to receive it (figs. 3 and 4). Thus the posterior surface of the inferior appendages (p. i. ap.) is applied to the anterior surface of the hind lobe of the pronotum of the female and the postero-ventral surface of the appendages (v. i. ap.) rests upon the postero-dorsal surface of the middle lobe of the pronotum. The upper and outer angle of each inferior appendage bears a small slightly hooked process (n), which clasps the posterior margin of the hind lobe of the pronotum. The superior appendages do not "rest in caps formed by depressions in the mesostigmal laminae, etc." but the reverse is the case. The "ear" of each mesostigmal lamina is received into the concavity of the corresponding male superior appendage (figs. 1 and 4), which apparently rests in the pit on the mesoepisternum just beneath the former. The mesoepisternal tubercles of the female, which are but slightly developed in this species, do not seem to play an important part in this process, except perhaps in forming the outer boundary of the pit just referred to. I have not actually