

brown; segments 1 and 2 of abdomen have very short striae at base. The club is stouter than with *ovivorus*.

3. **Phanurus ovivorus** Ashmead.

The club is slenderer than in the preceding, the tibiae dark, the thorax above showing faint reticulation cephalad, but mostly glabrous. The first two segments of the abdomen do not have striae at base, or else these are extremely minute and short. In *flavipes* the vertex and scutum is uniformly finely reticulate. The species *ovivorus* is very close to *opacus*, if not identical.

4. **Phanurus emersoni**, new species.

*Female*—Length 0.90 mm. Black, the wings subhyaline; the venation pale dusky, the tarsi yellow. Differs from *opacus* Howard in that the male is varicoloured here. Differs from female *opacus*, *floridanus* and *ovivorus* in that the vertex and scutum are densely reticulated. Differs from *tabanivorus* in that the abdomen is only somewhat longer than the rest of the body, its third segment is not a fourth the length of the third, the thorax above is reticulated, and the male has the entire thorax honey yellow, also the antennae (besides the legs and head as in *tabanivorus*). Closest (female) to *ovivorus*, which it resembles. Stigmal vein nearly twice longer than the marginal, about half the length of the postmarginal. Funicle 1 a half longer than wide, two-thirds the length of the pedicel, 2 a little shorter than 1, 3 still shorter, 4 globular, smallest; 5 cup-shaped, 6 the same, larger, wider than long; 7 and 8 subquadrate, 9 ovate, longer than wide. Short, distinct striae at base of segment 2 of the abdomen.

In the male, funicles 1-3 are somewhat longer than in the female, while 4-9 are moniliform, wider than long, small; the club joint is ovate and as long as funicle 1 and stouter.

Described from a large number of both sexes reared from tabanid eggs at Dallas, Texas (F. C. Bishop).

*Types*—Catalogue No. 19664, U.S.N.M., 1 ♂, 8 ♀'s on two tags and a slide bearing 1 ♂, 4 ♀'s.

Types of *opacus*, *ovivorus*, *floridanus* and *flavipes* examined.