

**Promachus Fitchii.**

*Trupanea apivora* Fitch (not Walker), Country Gentleman, vol. xxiv, p. 63, 1864; Reports, iii, 251-256; tab. 4, fig. 7.

*Promachus apivorus* Osten Sacken, Cat. Dipt. 78.

*Promachus Fitchii* Osten Sacken, Cat. Dipt., Note 121, p. 234.

♂, ♀.—Length 22-26 mm. Head rather thickly clothed with light yellowish whitish hair and pollen, the occipito-orbital bristle and the hair of the palpi sometimes black. Antennæ rather distant at their base, brownish red, the third joint black, not broad. Thorax densely gray pollinose and with nearly white pile; markings of the dorsum indistinct, clothed nearly wholly with very short black hair; bristles black. Abdomen rather broad, especially in the female, wholly clothed with moderately abundant and recumbent yellowish gray pile, narrowly bare at the incisures; hypopygium elongated, mostly reddish, clothed above with recumbent silvery white pile. Wings rather small, only lightly tinged; veins luteous. Legs red, with light colored pile and black bristles, the femora often in large part black on the under side. (The eyes of this species are of a brilliant green in life, traces of which often remain in the dried insect.)

*Hab.*—Neb. (Fitch), Kans., Conn.

A single specimen from Minnesota (Mr. E. Keen), too much rubbed for description, may be confounded with this. The antennæ are, however, situated close together at their base, the face is much more prominent below, the femora are black, and the tibiæ more yellow.

**Promachus rufipes.**

*Asilus rufipes* Fabricius, Syst. Ent. 794, 16; Ent. Syst. 383, 32; Wiedemann, Dipt. Exot. i, 203, 38, Auss. Zw. Ins. i. 487, 93.

*Dasyopogon rufipes* Fabricius, Syst. Antl. 169, 23.

*Promachus rufipes* Schiner, Verh. Z. B. Ges. xvi, 688; Osten Sacken, Cat. Dipt. 78; v. d. Wulp, Tijdschr. voor Ent. xxv, 107.

♂, ♀.—Length 26-30 mm. Antennæ black, with more or less short black hair on the first two joints, third joint small, not broader than the first. Front and face densely covered with light grayish yellow pollen, face bare on the sides and with only a little hair of the color of the pollen; the bristles in the middle and in the oral margin are rather strong and sparse, of a little lighter color than the face, though sometimes a little intermixed with black ones. Front with some short black hairs. Occipito-orbital bristles (in part or wholly) and the beard yellowish white. Thorax dark reddish brown, the dorsum above with two broad, darker stripes, narrowly separated and obsolete behind, in front with short black hairs, behind with sparse black pile and black bristles; pleuræ with sparse blackish pile in the middle and straw-yellow pile in front, and behind in the row in front of the halteres. Abdomen elongate, not at all convex on the sides, densely light grayish yellow pollinose on the posterior half of each segment, and on the sides and venter, on the front portion of each segment (nearly a half of the width in the anterior segments, but less behind) not extending to the sides, and rounded on the posterior angles, opaque black; the line between the black and yellow is sharply marked; the pile is recumbent not abundant, except on the sides in front and on the venter, where it is quite long; on the black it is more or less black, elsewhere like the pollen (the light pile may encroach more or less on the black

also in the anterior  
the base of the first

se, except sometimes  
far as seen beneath

Dorsum of thorax  
ellowish white pile,  
ly whitish pollinose  
on the sides, wholly  
white on the second  
seen on the anterior  
ith a band of white  
ddish; a black spot  
he front pair; pile  
w, and above near  
upper part of the  
the inner side and  
first posterior cell

collected by my  
not a few speci-  
rof. J. H. Com-

nly a variety of

, behind and on  
a without silvery  
.....2.  
e above.....3.  
**vertebratus.**  
.....**rufipes.**  
es.....**Fitchii.**  
.....4.  
.....5.  
narrowly on the  
...**princeps.**  
**albifacies.**  
**Bastardii.**

Ins. i, 485, 90