

one I have identified I have a slight doubt as to the correctness of my identification because I have not the male before me, and it was from that sex that the species was originally described.

KEY TO SPECIES

MALES.

1. Halteres black or black-brown 2
Halteres yellow. 1
2. Femora very distinctly thickened; eyes separated by width across posterior ocelli; sixth vein extending to margin of wing; hairs on thorax and abdomen a thick 3
Femora not appreciably thickened, little stouter than tibiae; eyes contiguous or subcontiguous; sixth vein not extending to wing margin; hairs on thorax and abdomen fine 3
3. Hind tarsi with the basal joint thicker than tibiae at apices, and very much thicker than basal joint of fore and mid tarsi; all tibiae and basal two joints of all tarsi with rather dense, long, fine hairs dorsally 3
Tarsi not as above, legs without long dense hairs on tibiae and basal two joints of all tarsi, several of the hairs on basal joint of tarsi on all legs conspicuously stronger than the others, bristle-like 3
4. Hairs of thorax and abdomen yellowish 3
Hairs on thorax and abdomen black 3

FEMALES.

1. Halteres black 2
Halteres yellow 1
2. Mid and hind femora with a series of squamulae along the postero-ventral margin; basal joint of hind tarsi at least as thick as apices of tibiae; sixth vein extending to margin of wing 3
Femora devoid of squamulae, at most with hairs or bristles; sixth vein not extending to margin of wing 3
3. Tibiae and tarsi with dense short hairs of uniform strength, which nowhere exceed in length the diameter of the part upon which they are situated 3
Tibiae and tarsi with sparse, stout bristles, many of which exceed in length the diameter of tibiae or tarsi, those on dorsum of basal joint of tarsi very unequal in length 3
4. Ventral plate between bases of fore coxae with long pale hairs; hairs on thorax and abdomen yellowish 3
Ventral plate between bases of fore coxae bare; hairs on thorax and abdomen black 3

Rhamphomyia erinacioides, n. sp.

MALE. Black, subopaque. Wings slightly brownish, veins dark brown. Halteres black-brown. Hairs on entire insect fuscous.

Eyes separated by as great a width as distance across posterior ocelli; antennae with basal two joints subequal in length, third joint broad at base, tapered from near base to apex, its entire length slightly more than twice its greatest width and 1.5 as great as first and second combined; apical style thick, one-third as long as third joint; proboscis slender, tapered to apex, its entire length equal to 1.5 the height of head; palpi short; occiput with long, rather thick hairs. Dorsum of mesonotum covered with long, rather dense, upright, thick hairs; ventral prothoracic plate between fore coxae bare, the portions of thorax immediately above bases of fore coxae with long hairs; hairs in front of halteres numerous; scutellum with a closely set fringe of upright hairs along posterior margin (24-30). Abdomen with dense erect stout hairs on entire surface except on the hypopygium; hypopygium large, upper processes long, directed cephalad over dorsum, as shown in Pl. VII, fig. 6, the filament not visible except near base. Femora very noticeably thickened, tibiae and tarsi more slender than usual; all femora with rather dense hairs, which are not so thick as those on abdomen, hind pair with the ventral surfaces devoid of long hairs except on basal third, beyond that with dense microscopic pile; all tibiae with short hairs on dorsal surfaces and dense erect microscopic pile on ventral surfaces;