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VII
TWO NEW SPECIES OF SYRPHIDÆ (DIPTERA)

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1. *Myiolepta carbicolor*, new species

Length 10 mm. Color black: face, legs and pile black, thorax shining blue-black; third segment of antennæ light brown, arista black; wings dark smoky, veins black, halteres smoky brown.

Male: Face projecting, shining black, except for tubercle covered with dense whitish pollen; along eye margins and on greyish cheeks with sparse moderately elongate white pile; frontal triangle shining black, bare; vertical triangle black with elongate black bristle-like pile, the pile extending outward along occiput. Antennæ brown, black at base, the third segment light brown, circular; the arista moderately elongate, black.

Thorax and scutellum shining metallic blue-black with moderately dense, elongate black pile. Abdomen sub-opaque black with translucent brown and blue reflections arranged as pseudo-crossbands on anterior margins of segments. Pile on disc inconspicuous, short, black, on lateral margins and on fourth segment longer, white.

Legs black throughout, pile mostly white; on hind femur short, coarse, black; on hind tarsi, golden. Wings dark smoky, veins black; calipter with fringe of white pile; halteres smoky brown.

Type, male (No. 734), in Museum of California Academy of Sciences. From Longmire Springs (Mt. Rainier 2500 ft.), Washington, July 18, 1919; C. L. Fox, collector.

Another male from Paradise Valley (Mt. Rainier 5500 ft.), July 28, 1919, collected by C. L. Fox, in author's collection.

This species is near *auricaudata* Will, and *aurinota* Hine, but the wholly black legs and pile distinguish it.

2. *Xylota bivittata*, new species

In size, general appearance, and abdominal markings similar to *analis* . Legs without spur on hind coxæ. Antennæ lighter in color, third segment yellow, arista black, longer than with *analis* . Face brown, light yellowish brown on lower half, pile white; contour of face similar to *analis* , more deeply concave in profile, oral margin more pronounced.

Thorax with a pair of indistinct longitudinal vittæ not reaching the scutellum. Pile of thorax shorter, more golden than in *analis* , crossband of black evident only in certain lights. Opaque black of second and third abdominal segments narrower, margined with brown; yellow areas larger, quadrate, more as in *subfasciata* .

Legs without spur on hind coxæ, color markings similar to *analis* , the lighter areas more extended and honey-yellow; front and middle tibiæ except for brown ring, all tarsi except apical segments, honey-yellow. Wings similar to *analis* , apical cross-vein curved backward for a shorter distance and less abruptly; halteres honey-yellow.

Type, male (No. 735), in Museum of California Academy of Sciences, Huntington Lake, California, July 21, 1919; E. P. Van Duzee, collector.

Paratype, male, in author's collection.

Superficial characters throughout very similar to *analis* , abdominal markings resemble *subfasciata* . Light brown face, light antennæ and absence of spur serve to differentiate it, and minor characters are specific.



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