

broad lateral. Abdomen with a narrow black dorsal vitta, which is obsolete on apical portion of basal segment; hypopygium glossy black. Legs yellowish testaceous, coxæ, femora and tarsi largely fuscous, sometimes the femora almost entirely fuscous, or almost entirely pale. Wings slightly grayish, yellow at bases. Calyptra and halteres yellow.

Eyes separated at narrowest part of frons by a distance equal to width of anterior ocellus; parafacial at base of antenna about half as wide as third antennal joint, much narrowed below; cheek as high as width of third antennal joint, with a few long bristles along lower margin, one of which is upwardly curved, antennæ reaching nearly to mouth-margin; arista with very short pubescence. Thorax with 2 or 3 pairs of presutural acrostichal bristles and a few intermixed setulose hairs; prealar less than half as long as the bristle behind it. Abdomen short, depressed, parallel-sided; hypopygium large; fifth sternite in both specimens before me projecting downward, large, the processes slightly curved, rounded at apices, their inner halves furnished with dense, erect black hairs, a rounded elevation laterad of base of each process on each of which there are a few bristles. Fore tibia with a short, sharp apical posterior bristle; mid femur with a few bristles near base on postero-ventral surface; mid tibia with 1 postero-dorsal and 2 posterior bristles; hind femur with antero-ventral bristles long and widely separated, the postero-ventral surface with a rather closely placed series of short bristles on basal three-fifths; hind tibia with 1 antero-ventral, 2 antero-dorsal, and 2 postero-dorsal bristles; mid and hind tarsi shorter than their tibiæ. Costal thorn small, outer cross-vein slightly curved, veins 3 and 4 subparallel apically, the former terminating almost in the apex of the wing which is slightly pointed.

Length 5.5 mm.

Type and paratype, Godbout, Quebec, Canada, July 25, 1918, (E. M. Walker). Named in honour of the collector.

The series of short bristles on basal two-fifths of hind femora and the fringes on processes of fifth abdominal sternite distinguish this species from any known to me.

Type in the Royal Ontario Museum of Zoology, Toronto.

#### ***Hylemyia quintilis*, sp. n.**

*Female*.—Black, shining, rather densely gray pruinose. Head entirely black, the orbits and parafacials with white tomentum, the remainder of head with less dense pruinoscence. Thorax with 5 poorly defined brown dorsal vittæ. Abdomen more distinctly shining than thorax, with a large patch of gray pruinoscence on each side of each tergite posteriorly. Legs black. Wings with a yellowish brown tinge, veins dark brown, yellow basally. Calyptrae white. Halteres yellow.

Frons over one-third of the head-width, a little widened anteriorly, orbits well defined, each about one-fourth as wide as interfrontalia at anterior extremity of ocellar triangle, and with 3 bristles in front of lower supraorbital bristle, otherwise bare, interfrontalia with a pair of strong curciate bristles, and a few microscopic hairs on each side, ocellar triangle with 2 long bristles and several long setulæ, parafacial at base of antennæ wider than height of cheek and a little wider than third antennal joint, narrowed below, the vibrissal angle much produced, anterior upper margin of mouth forming a sharp ridge which