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## A CONTRIBUTION TO THE KNOWLEDGE OF NORTH AMERICAN SYRPHIDÆ.

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[The material mentioned in this paper (with the exception of the type of *Chilosia Townsendi*, n. sp., from the collection of the Cal. Acad. of Sciences) is in either the collection of the University of Nebraska or of Prof. C. W. Johnson, of Philadelphia. In each case I have taken care to mention in which one of these the specimens may be found.]

### *Callicera Johnsoni*, n. sp.

Male.—Eyes contiguous for about two-thirds their width above, densely long, white pilose, with a sharply defined vertical black band about one-fifth their width; above, the two bands are confluent. Occiput shining olivaceous, white pilose. Ocellar area with a tuft of ferruginous pile. Spot above the antennæ bare, shining black. Face shining black, except the tip of the indistinct tubercle, which is opaque; covered, except an indistinct median stripe, and more densely below, with abundant long light yellowish pile; very indistinctly concave below the antennæ. Cheeks shining olivaceous, except an anterior velvety cross-band and an indistinct spot below the lowest margin of the eyes; long yellow pilose. Palpi clavate, testaceous at base, apical half black. Antennæ entirely black, with short stiff black hairs on the first and second joints; first joint cylindrical; second expanded at apex, less than half as long as the first; third joint bare, over twice as long as the first and second together, expanded on basal half, flattened, bent outwardly at middle. Style short, obtuse. Thorax: dorsum shining olivaceous, with five opaque, very indistinct, longitudinal bands; pile obscure yellowish, abundant. Pleura shining, with more distinctly yellow pile. Wings a trifle tinged with yellow anteriorly, veins testaceous. Anterior cross-vein distinctly before the middle of the discal cell. Last section of the fourth vein with the first third straight, distinctly sinuate inwardly. Tegulæ white, ciliate. Abdomen entirely covered with moderately long yellowish-white pile; first segment entirely opaque; second, except a broad cross-band, expanded medially into a large triangle, the apex of which reaches