

honey-yellow, shining, not nodose; metathorax rather larger than pro- and mesothorax, convex and somewhat prominent posteriorly; legs honey-yellow, the femora more or less fuscous; abdomen ovate, first two segments pale honey-yellow, remainder black, with a slight iridescent reflection; first segment broadly dilated at apex; ovipositor longer than first and second abdominal segments. Length .13 inch.

*Hab.*—Ontario, Canada. (Saunders). Three specimens. A very pretty, and easily recognized species.

7. PEZOMACHUS COMPACTUS. *N. sp.*—♀.—Short, compact, robust, bright honey-yellow; antennæ with short compact joints, apex slightly dusky; thorax short, nodose, posterior node shortest, and transversely subcompressed; legs more robust than usual; abdomen subglobose, the third and following segments black, the first segment considerably dilated at apex; ovipositor very short. Length .12 inch.

*Hab.*—Illinois. A very distinct species from its compact robust form, and is distinguished at once from *canadensis* by the head being concolorous with the thorax.

8. PEZOMACHUS DIMIDIATUS. *N. sp.*—♀.—Honey-yellow, more or less tinged with rufous; antennæ long, slender, yellowish beneath, dusky above; nodes of thorax subequal, the anterior one with a medial longitudinal groove; legs concolorous with thorax, tips of coxæ, trochanters and knees yellowish, posterior tibiæ dusky at tips; abdomen ovate beyond first segment, convex, shining; first and second segments dull honey-yellow, apex of second yellowish, third and remaining segments dark brown or rufo-piceous, sometimes the third segment is pale brown; first segment rather suddenly dilated behind middle; ovipositor about one-third the length of abdomen. Length .17 inch.

*Hab.*—Massachusetts; Illinois. Two specimens.

9. PEZOMACHUS GRACILIS. *N. sp.*—♀.—Honey-yellow, more or less tinged with rufous; antennæ long, slender, yellowish throughout; thorax as in *dimidiatus*, except that the anterior node has no median sulcus; legs long and slender, entirely yellowish; abdomen shaped as in *dimidiatus*, except that the first segment is more gradually and less dilated at apex, honey-yellow and yellowish at tip; second segment fuscous, with apical margin yellowish; third and fourth segments fuscous, sometimes the apical margin of the latter faintly yellowish; apical segments dull yellowish; ovipositor longer than first abdominal segment. Length .20 inch.

*Hab.*—Pennsylvania. Two specimens.