

- the first and second segments dilated, as broad as long, and twice as broad as the third or fourth. Habitat.—Polaris Bay..... *Besselsii*, Pack
18. Superior claw with one tooth on the inner margin..... 19
 Superior claw with two teeth on the inner margin..... 33
19. Superior claw with a tooth on the outer margin..... 28
 Superior claw without a tooth on the outer margin..... 20
20. Inferior claw with a tooth on the inner margin..... 26
 Inferior claw without a tooth on the inner margin..... 21
21. Mucro emarginate at apex, the dorsal angle immediately dorsad of the ventral angle, with two teeth, the dorsal angle being the first the second of the same length, but more pointed; furcula reaching the ventral tube; dentes twice the length of the manubrium superior claw with a single tooth on the inner margin and none on the outer margin; inferior claw without teeth, dilated at base, the dilation interrupted before the middle, making a right angle; antennæ and body bluish-black; legs brownish; furcula white; antennæ one-third longer than the head. Habitat—Salineville, Ohio..... *brunnea*, n. sp.
- Mucro not emarginate at apex..... 22
22. Mucro with two or three teeth..... 23
 Mucro with four teeth, the first minute, a mere hook, the second and third of the same length, vertical, as long as the mucro is wide, the fourth slightly shorter than the third and laterad of it, its base in a more dorsal plane, and pointing caudad; furcula attaining the ventral tube; dentes more than twice the length of the manubrium; superior claw with a single tooth on the inner margin and none on the outer margin; the inferior claw without teeth, the inner margin slightly dilated; body and antennæ mottled black; legs and furcula white; antennæ longer than the head. Habitat—Salineville, Ohio..... *synonymica*, n. sp.
23. First tooth of mucro horizontal or subhorizontal..... 24
 First tooth of mucro forming a distinct hook..... 25
24. Mucro with three teeth, the first subhorizontal, broad, the second and third longer than the first, of equal length, one behind the other, pointing cephalad; furcula not reaching the ventral tube; the dentes twice the length of the manubrium; superior claw without teeth on the outer margin and with a single tooth on the