

PLATES

PLATE 1

FIGURES 1-9

Figure

1. *Micranurida furcifera* n. sp. X66.
2. *Onychiurus obesus* n. sp. X46.
3. *Folsomides parvus* Folsom, n. sp. X66.
4. *Isotomodes tenuis* Folsom, n. sp. X66.
5. *Isotoma andrei* n. sp. X46.
6. *Entomobrya purpurascens* Packard. X46.
7. *Entomobrya assuta* Folsom. X46.
8. *Entomobrya assuta* Folsom. X46.
9. *Lepidocyrtus curvicollis* Nicolet. X46.

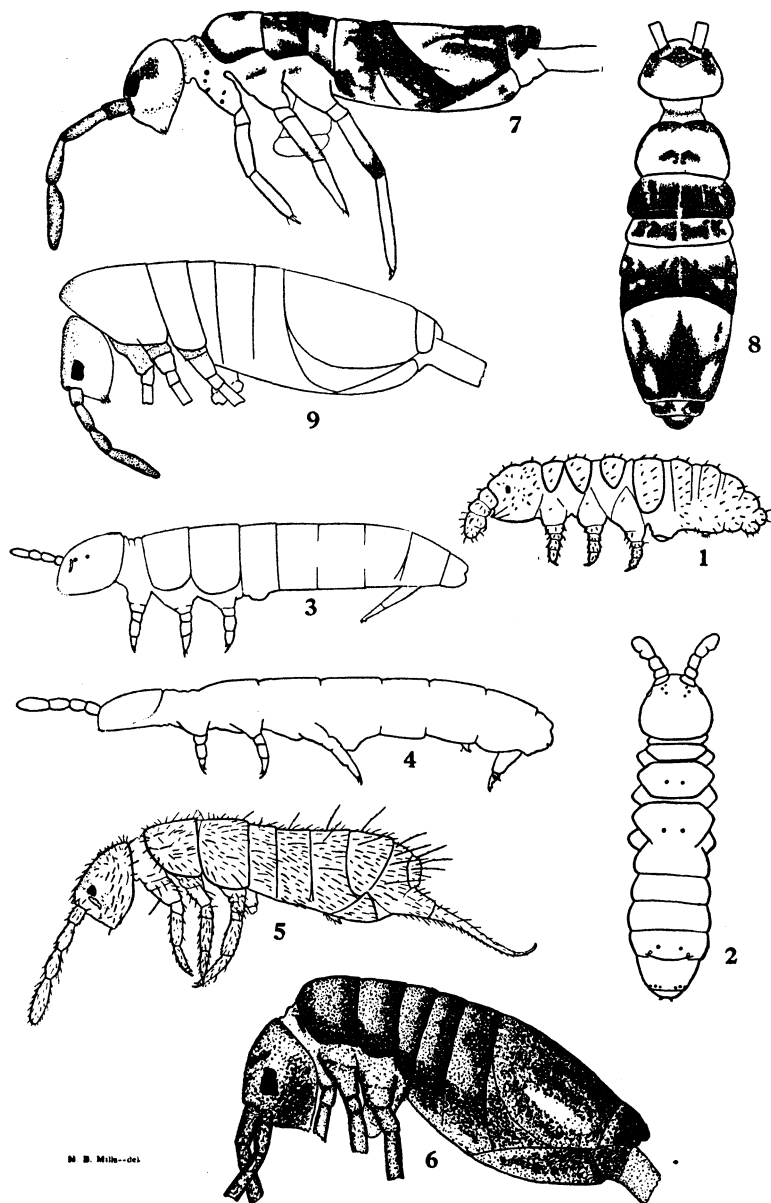


PLATE 2

FIGURES 10-14

Figure

10. *Entomobrya elitellaria* Guthrie. X46.
11. *Orchesella annulicornis* n. sp. X46.
12. *Megalothorax incertoides* n. sp. X151.
13. *Sminthurides lepus* n. sp. X66.
14. *Neosminthurus curvisetis* Guthrie. X66.

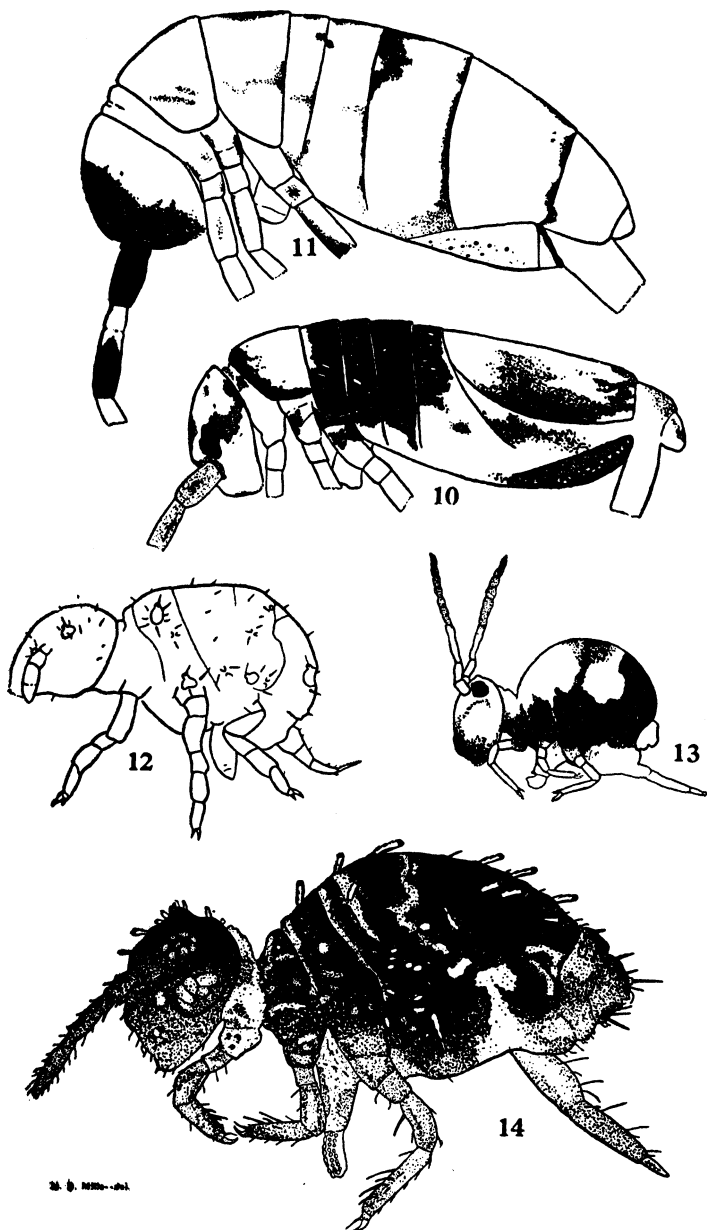
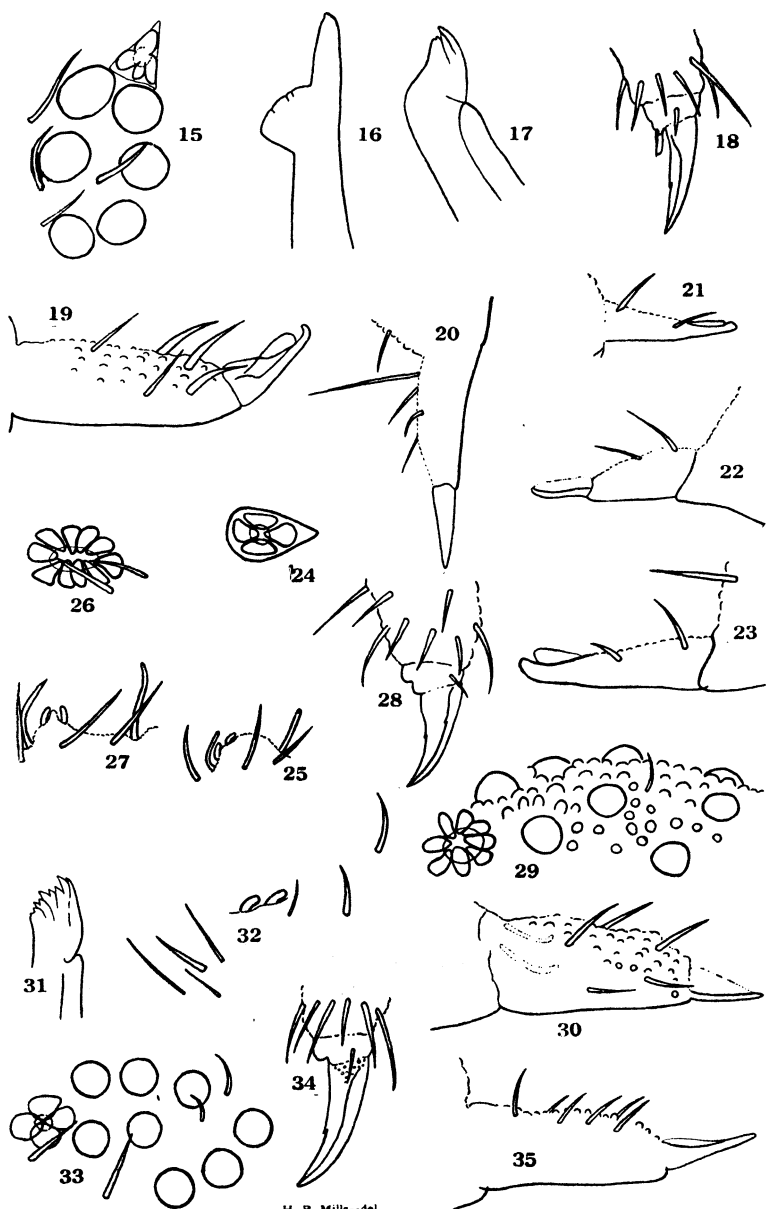


PLATE 3

FIGURES 15-35

Figure

- Achorutes (Schöttella) minutissimus* n. sp.
15. Right eyes and postantennal organ.
16. Right mandible.
17. Right maxilla.
18. Left middle foot.
19. Dens and mucro.
- Schöttella glasgowi* Folsom.
20. Furcula, right view.
- Xenylla maritima* Tullberg.
21. Furcula, right view.
- Xenylla welchi* Folsom.
22. Furcula, right view.
- Xenylla grisea* Axelson.
23. Furcula, right view.
- Willemia intermedia* n. sp.
24. Postantennal organ.
25. Organ of the 3rd antennal segment.
- Willemia similis* n. sp.
26. Postantennal organ.
27. Organ of the 3rd antennal segment.
- Brachystomella parvula* Schäffer.
28. Right hind foot.
29. Left eyes and postantennal organ.
30. Furcula, left view.
- Brachystomella stachi* n. sp.
31. Left maxilla.
32. Organ of 3rd antennal segment.
33. Right eyes and postantennal organ.
34. Left hind foot.
35. Furcula, left view.



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PLATE 4

FIGURES 36-57

Figure

Friesea grandis n. sp.

- 36. Left fore foot.
- 37. Furcula and tenaculum, ventral view.
- 38. Mandible.
- 39. Maxilla.
- 40. Anal horn.
- 41. Furcula, lateral view.
- 42. Types of hairs from 6th abdominal segment.

Friesea pentacantha n. sp.

- 43. Apex of the abdomen.
- 44. Right front foot.
- 45. Left hind foot.
- 46. Maxilla.

Pseudachurutes corticolus Schäffer.

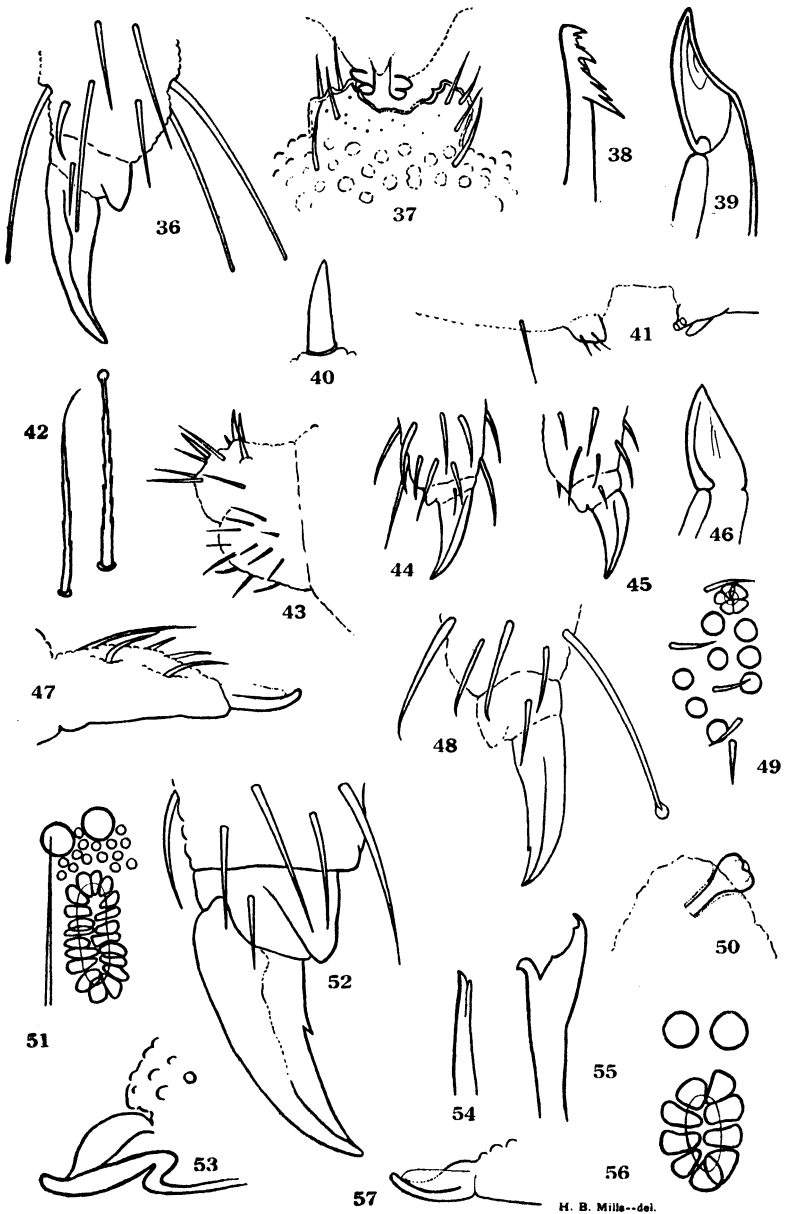
- 47. Furcula, right view.
- 48. Left hind foot.
- 49. Right eyes and postantennal organ.
- 50. Apex of right antenna.

Pseudachorutes saxatilis Macnamara.

- 51. Right postantennal organ and adjacent eyes.
- 52. Left hind foot.
- 53. Right mucro.
- 54. Maxilla head.
- 55. Mandible.

Pseudachorutes subcrassoides n. sp.

- 56. Postantennal organ and adjacent eyes.
- 57. Left mucro.



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PLATE 5

FIGURES 58-79

Figure

Odontella cornifer n. sp.

- 58. Anal horns.
- 59. Organ of the 3rd antennal segment.
- 60. Head.
- 61. Right middle foot.

Anurida tullbergi Schött.

- 62. Right hind foot.
- 63. Postantennal organ.

Micranurida pygmaea Börner.

- 64. Apex of right antenna.
- 65. Eyes and postantennal organ.

Micranurida furcifera n. sp.

- 66. Apex of left antenna.
- 67. Postantennal organ.
- 68. Right middle foot.
- 69. Furcula.

Neanura persimilis n. sp.

- 70. Left eyes and ocular tubercle.

Onychiurus parvicornis n. sp.

- 71. Postantennal organ.
- 72. Left hind foot.
- 73. Anal horn.

Paranura 6-punctata Axelson.

- 74. Right eyes.

Onychiurus ramosus Folsom.

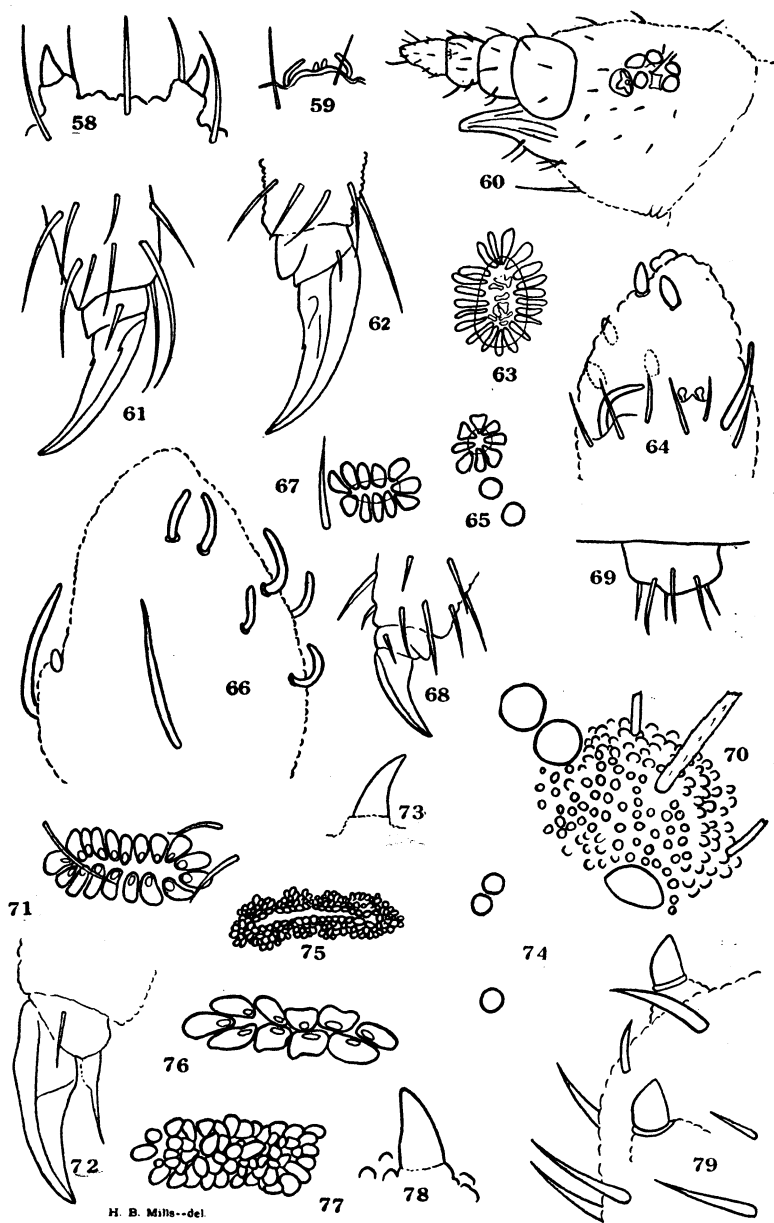
- 75. Postantennal organ.

Onychiurus subtenuis Folsom.

- 76. Postantennal organ.

Onychiurus obesus n. sp.

- 77. Postantennal organ.
- 78. Anal horn (Specimen from Maquoketa).
- 79. Apex of abdomen (Specimen from Bixby State Park).



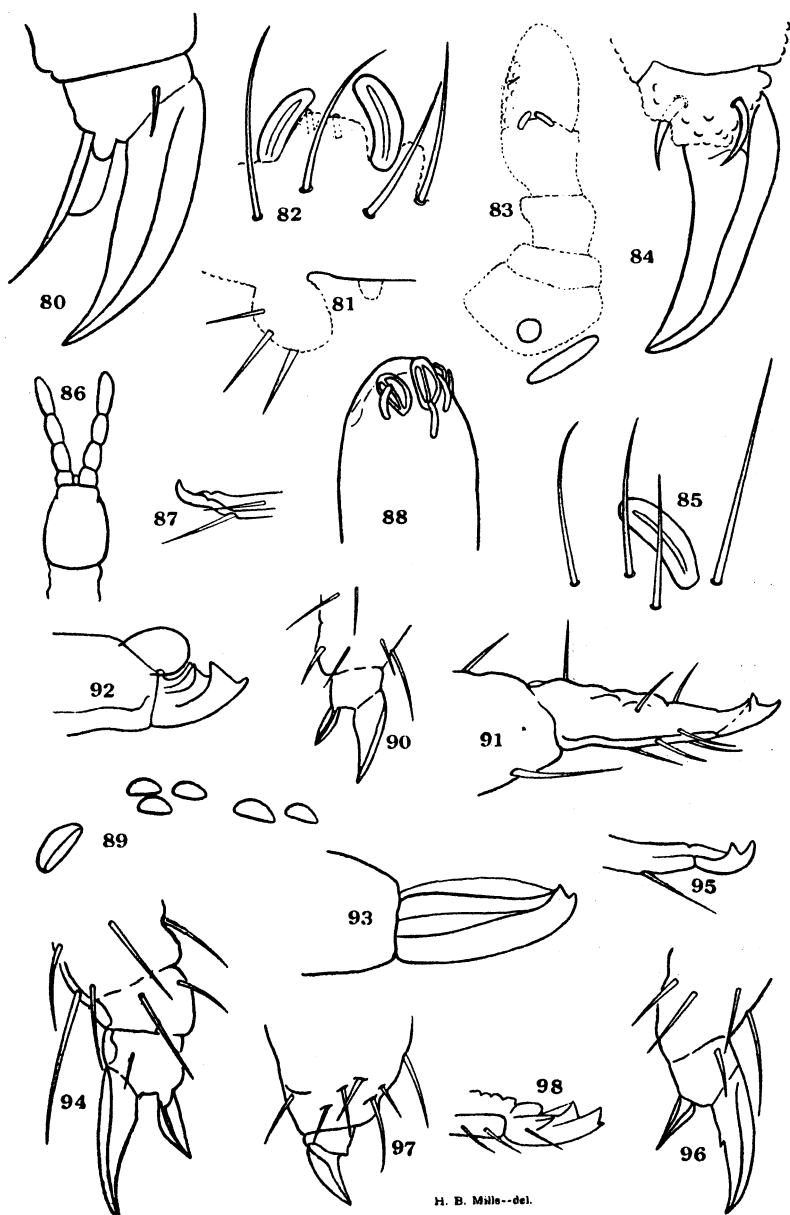
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PLATE 6

FIGURES 80-98

Figure

- Onychiurus obesus* n. sp.
80. Left hind foot.
81. Furcula.
- Tullbergia clavata* n. sp.
82. Organ of the 3rd antennal segment.
83. Right antenna.
84. Right hind foot.
85. Ventro-lateral sense club, 3rd antennal segment.
- Isotomodes tenuis* Folsom, n. sp.
86. Head.
- Folsomina onychiurina* Denis.
87. Mucro.
88. Apex of right antenna.
- Proisotoma americana* n. sp.
89. Left eyes and postantennal organ.
90. Left hind foot.
91. Furcula, left side.
- Proisotoma bulbosa* Folsom, n. sp.
92. Mucro and apex of dens, left side.
- Proisotoma schötti* Dalla Torre.
93. Right mucro.
94. Right fore foot.
- Proisotoma thermophila* Axelson.
95. Left mucro.
96. Left hind foot.
- Isotomurus palustris* Müller.
97. Claw regenerated from base of tibiotarsus.
98. Left mucro.



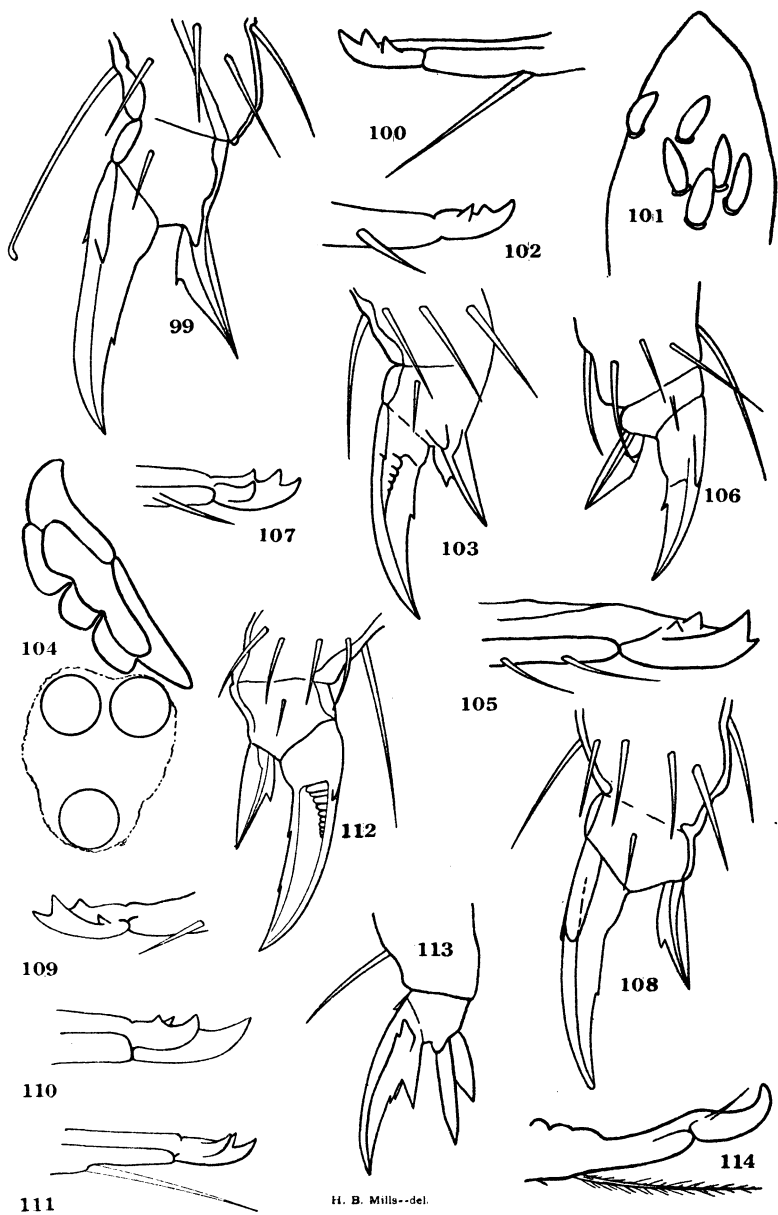
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PLATE 7

FIGURES 99-114

Figure

- Isotoma (Pseudisotoma) sensibilis* Tullberg.
99. Right hind foot.
100. Right mucro.
Isotoma minor Schaffer.
101. Apex of left antenna.
Isotoma andrei n. sp.
102. Left mucro.
103. Left hind foot.
104. Left eyes and postantennal organ.
Isotoma grandiceps Reuter.
105. Left mucro.
106. Right hind foot.
Isotoma nigrifrons Folsom, n. sp.
107. Left mucro.
108. Left fore foot.
Isotoma olivacea grisea Lubbock.
109. Right mucro.
Isotoma olivacea Tullberg, f. p.
110. Right mucro.
Isotoma viridis Bourlet.
111. Left mucro.
112. Left hind foot.
Sinella höfti Schaffer.
113. Left fore foot.
114. Left mucro.



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PLATE 8

FIGURES 115-129

Figure

- Entomobrya purpurascens* Packard.
115. Two types of hairs from inner face of tibiotarsus.
116. Right fore foot.
Entomobrya marginata Tullberg.
117. Left mucro.
Entomobrya griseo-olivata Packard.
118. Left hind foot.
Entomobrya clitellaria Guthrie.
119. Left fore foot.
Lepidocyrtus curvicollis Bourlet.
120. Left hind foot.
121. Left mucro.
Pseudosinella candida Folsom.
122. Eyes.
123. Right fore foot.
Pseudosinella octopunctata Börner.
124. Eyes.
Pseudosinella 6-oculata Schött.
125. Eyes.
Pseudosinella rolfsi Mills.
126. Right hind foot.
127. Left middle foot, inner view.
Heteromurus nitidus Templeton.
128. Left fore foot.
Orchesella annulicornis n. sp.
129. Right hind foot.

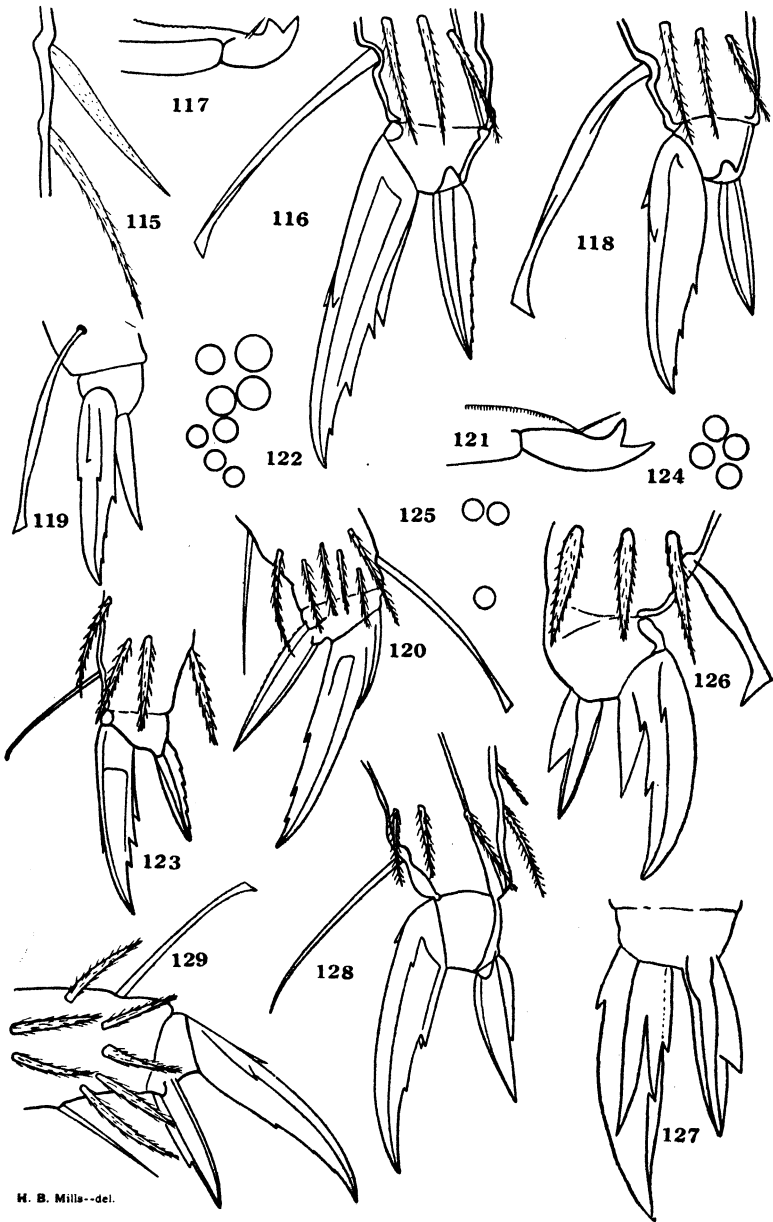


PLATE 9

FIGURES 130-145

Figure

130. Base of the antenna. *Orchesella ainsliei* Folsom.
131. Base of the antenna. *Orchesella hexfasciata* Harvey.
132. Right fore foot. *Orchesella albosa* Guthrie.
133. Muero. *Cyphoderus similis* Folsom.
134. Left dental spines. *Tomocerus lamelliferus* n. sp.
135. Right hind foot.
136. Left muero. *Megalothorax incertoides* n. sp.
137. Left muero.
138. Right hind foot. *Sminthurides (Sphaeridia) pumilis* Krausbauer.
139. Right muero.
140. Male antenna.
141. Right hind foot.
142. Right fore foot. *Sminthurides penicillifer bifidus* n. var.
143. Right hind foot.
144. Left fore foot.
145. Left muero.

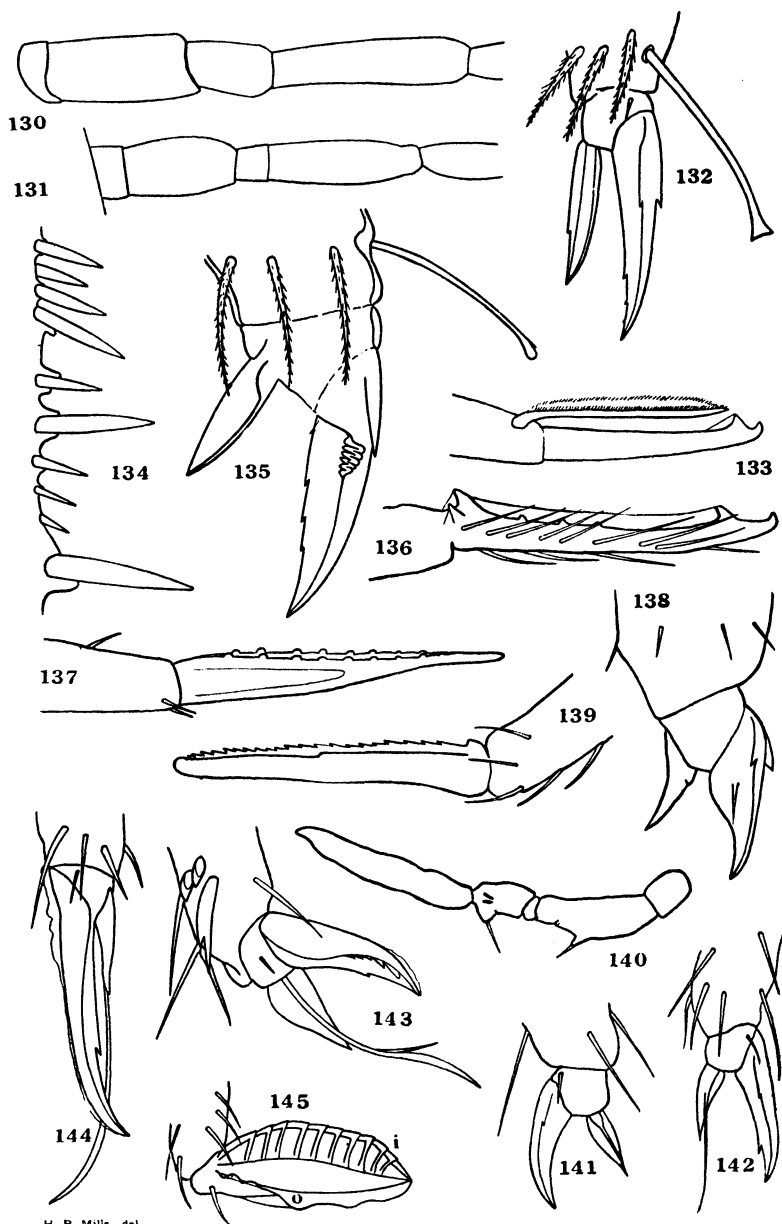


PLATE 10

FIGURES 146-160

Figure

Sminthurides occultus n. sp.

- 146. Mucrones, dorsal view.
- 147. Left mucro.
- 148. Right hind foot.
- 149. Left fore foot.
- 150. Left middle foot.
- 151. Last antennal segment of female.
- 152. Antenna of male.

Sminthurides lepus n. sp.

- 153. Right fore foot.
- 154. Right middle foot.
- 155. Male antenna.
- 156. Right mucro.
- 157. Right hind foot.

Arrhopalites diversus n. sp.

- 158. Left fore foot.
- 159. Right hind foot.
- 160. Anal appendage of female.

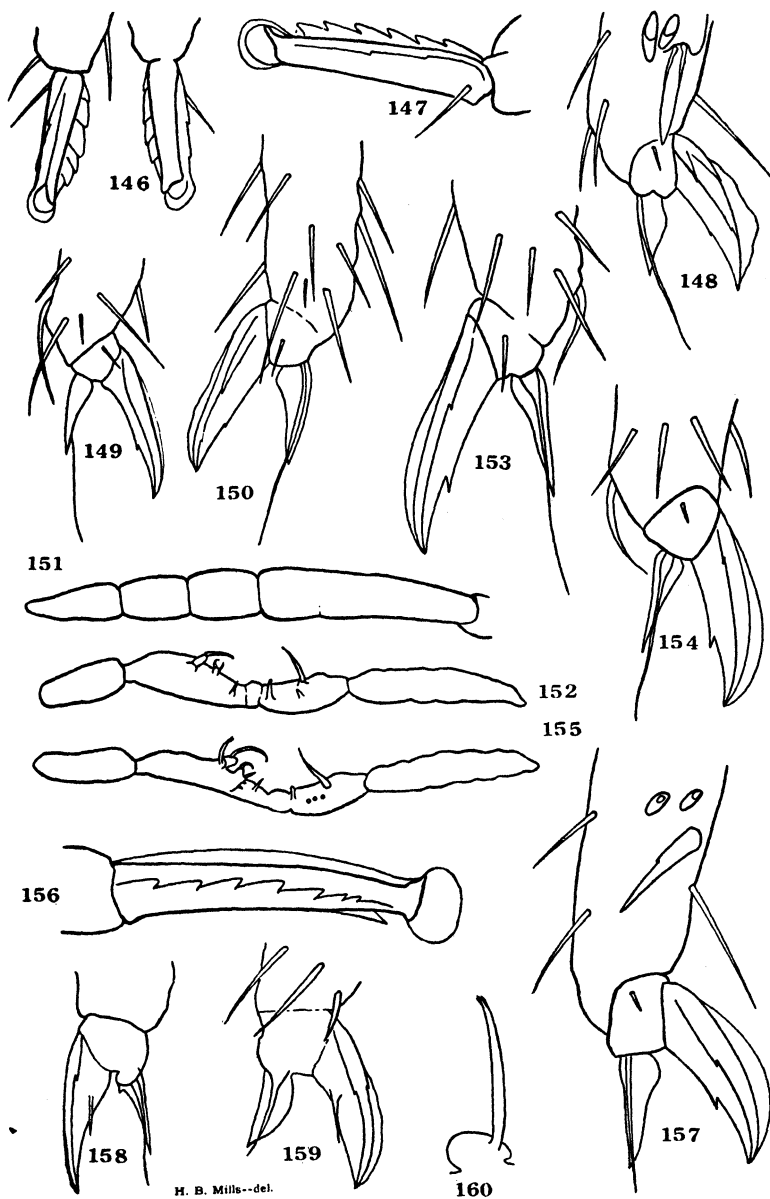


PLATE 11

FIGURES 161-177

Figure

161. Antenna. *Arrhopalites diversus* n. sp.
162. Mucro. *Arrhopalites caecus* Tullberg.
163. Left mucro. *Arrhopalites binoculatus* Börner.
164. Apex of antenna.
165. Left hind foot.
166. Anal appendage of female. *Sminthurinus elegans* Fitch.
167. Furcula, left view. *Sminthurinus aureus* Lubbock.
168. Furcula, left view. *Neosminthurus curvisetis* Guthrie.
169. Right mucro. *Bourletiella hortensis* Fitch.
170. Anal appendage of female. *Neosminthurus sminthurinus* n. sp.
171. Left mucro. *Deuterosminthurus repandus* Ågren.
172. Anal appendage of female. *Bourletiella spinata* MacGillivray.
173. Anal appendage of female.
174. Apex of abdomen of male. *Sminthurus medialis* n. sp.
175. Left mucro.
176. Left hind foot.
177. Apex of abdomen showing lateral papilla of genital segment.

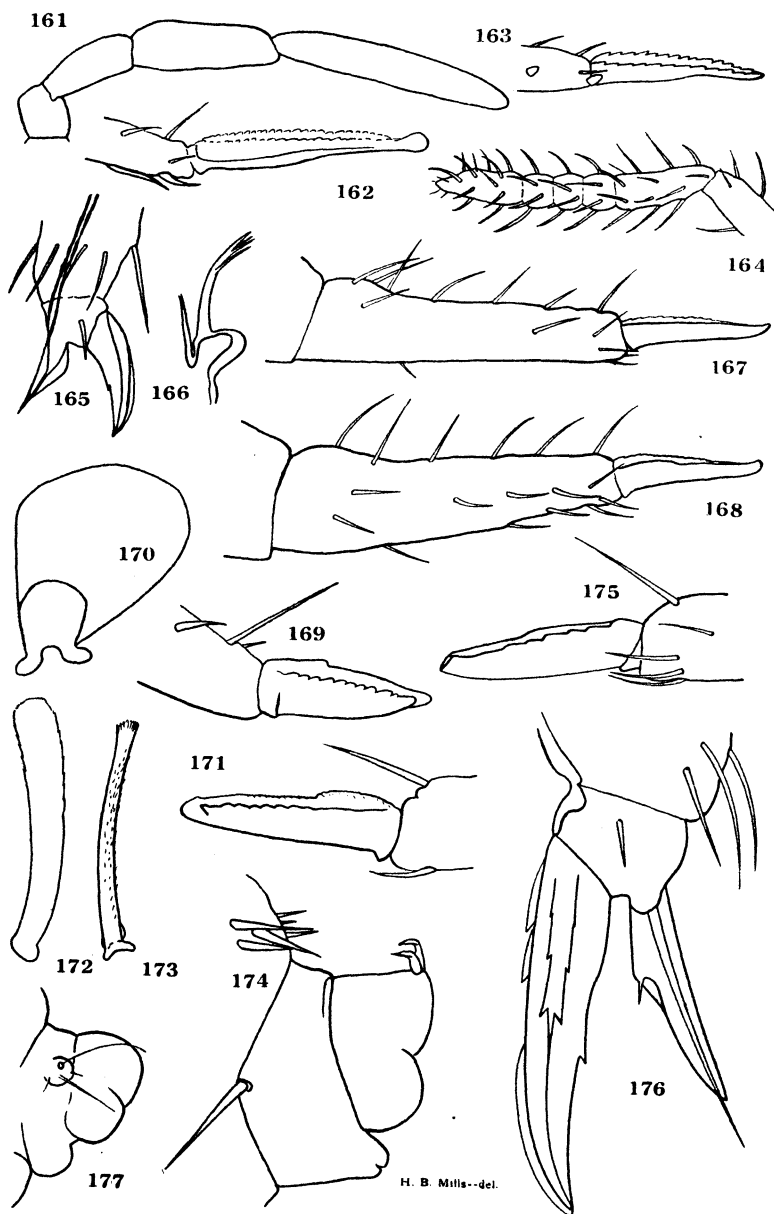


PLATE 12

FIGURES 178-189

Figure

Ptenothrix aurata n. sp.

- 178. Right mucro.
- 179. Right fore foot.
- 180. Right hind foot.
- 181. Apex of antenna.
- 182. Organ of 3rd antennal segment.
- 183. Anal appendage of female.

Ptenothrix unicolor Harvey.

- 184. Anal appendage of female.
- 185. Left hind foot.
- 186. Apex of antenna.

Dicyrtoma quadrangularis n. sp.

- 187. Left fore foot.
- 188. Right hind foot.
- 189. Mucro.

