

# CHECK LIST OF COLLEMBOLAN SPECIES REPORTED FROM INDONESIA

by

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Compared to other countries of Southeast Asia, Collembolan Fauna of Indonesia is relatively well investigated. So we have at present 90 species including those whose identity is either very poor or quite dubious. However, our knowledge is still restricted to the main island of Java, where 59 species have been recovered and some of other islands are almost deprived of any information about the presence of Collembola at all. Even in Java this number of species is quite a fraction of all that may be expected from such a tropical and wet region of the world. Even from the small collection of mine, there are some new forms to be described later on.

In this paper the literature regarding the Indonesian Collembola is listed first and then followed with an enumeration of each species. Those with one asterisk attached to the species number indicates *species inquirenda* and those with two asterisks are *species dubiosa*. In the list is included SCHÖTT's species from Sarawak, because their presence in Kalimantan is highly probable.

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## ENUMMERATION OF SPECIES

### Hypogastruridae

- 1.\* *Ceratophysella armata* (NICOLET)  
Java (HANDSCHIN, 1932).  
Sumatra (OUDEMANS, 1890 and HANDSCHIN, 1932).
- 2.\* *Hypogastrura crassa* OUDEMANS  
Sumatra (OUDEMANS, 1890).
- 3.\* *Hypogastrura consanguinea* FOLSOM  
Java (FOLSOM, 1924)
4. *Xenylla orientalis* HANDSCHIN  
Java (HANDSCHIN, 1932)

### Pseudachorutidae

5. *Oudemansia coerulea* SCHÖTT  
Sumatra (SCHÖTT, 1893)
6. *Ceratrimeria maxima* SCHÖTT  
Java (HANDSCHIN, 1926)  
Sumatra (HANDSCHIN, 1926 & 1932)  
Sunda Is. (SCHÖTT, 1901)
7. *Ceratrimeria longicornis* HANDSCHIN  
Java (HANDSCHIN, 1926 & 1932)

8. *Pseudanurida bilitonensis* SCHÖTT  
Biliton Is. (SCHÖTT, 1901)
9. *Pseudachorutes javanicus* HANDSCHIN  
Java (HANDSCHIN, 1920)

#### Neanuridae

- 10.\* *Protanura kraepelini* BÖRNER  
Java (BÖRNER, 1906)
- 11.\* *Gnatholonche lipaspis* BÖRNER  
Java, (BÖRNER, 1906 and HANDSCHIN, 1925 & 1928)  
Sumatra (HANDSCHIN, 1928)
12. *Neanura zehntneri* HANDSCHIN  
Java (HANDSCHIN, 1920, 1925 & 1926)
13. *Neanura hirtella* BÖRNER  
Java (BÖRNER, 1906 and HANDSCHIN, 1926 & 1929)
- 14.\* *Neanura semilunaris* SCHÖTT  
Borneo (SCHÖTT, 1925)
15. *Neanura borneensis* SCHÖTT  
Borneo (SCHÖTT, 1925)
- 16.\*\* *Neanura fortis* OUDEMANS  
Java, Selayar Is. (OUDEMANS, 1898)

#### Onychiuridae

- 17.\* *Onychiurus fimetarius* LINNE  
Java (HANDSCHIN, 1929 & 1932)  
Sumatra (OUDEMANS, 1890)

#### Isotomidae

18. *Folsomia octoculata* HANDSCHIN  
Java (HANDSCHIN, 1925 & 1929)
19. *Proisotoma lombokensis* (SCHÖTT)  
Lombok (SCHÖTT, 1901 and HANDSCHIN, 1930)
20. *Proisotoma sundana* HANDSCHIN  
Bali (HANDSCHIN, 1932)
21. *Isotomurus balteatus* (REUTER)  
Java, Bali (HANDSCHIN, 1932)

- 22.\* *Isotomurus tricuspis* BÖRNER  
Java (BÖRNER, 1906)
- 23.\* *Isotoma crassicornis* SCHÖTT  
Probably a kind of *Axelsonia*  
Sumatra (SCHÖTT, 1893)
24. *Pseudisotoma sensibilis* (TULLBERG)  
Java (HANDSCHIN, 1932)

#### Entomobryidae

- 25.\* *Sinella coeca* var. *edenticulata* HANDSCHIN  
Java (HANDSCHIN, 1926 & 1932)
26. *Entomobrya proxima* FOLSOM  
*Entomobrya straminea* BÖRNER  
Java (BÖRNER, 1913 and HANDSCHIN, 1920, 1925, 1926, 1928 &  
1932)  
Sumatra (FOLSOM, 1924 & HANDSCHIN, 1926, 1928)  
Bali (HANDSCHIN, 1932)
- 27.\* *Entomobrya arborea* TULLBERG  
Java (BÖRNER, 1913)
28. *Homidia cingula* BÖRNER  
Java (BÖRNER, 1906 & 1913 and HANDSCHIN, 1925, 1926 & 1932)  
Sumatra (HANDSCHIN, 1928)
29. *Willowsia jacobsoni* BÖRNER  
Java (BÖRNER, 1913 and HANDSCHIN, 1925)  
Sumatra (HANDSCHIN, 1932)
30. *Willowsia hyalina* HANDSCHIN  
Java (HANDSCHIN, 1928)
31. *Trichogaster bispinosus* HANDSCHIN  
Java (HANDSCHIN, 1932)
32. *Lepidocyrtus marginatus* HANDSCHIN  
Java (HANDSCHIN, 1920)
33. *Lepidocyrtus pictus* SCHÄFFER  
Lombok (SCHÖTT, 1901)
34. *Lepidocyrtus medius* SCHÄFFER  
Java (BÖRNER, 1913 and HANDSCHIN, 1920, 1926 & 1932)
35. *Lepidocyrtus cinctus* SCHÄFFER  
Java (BÖRNER, 1913)



- 36.\*\* *Lepidocyrtus variabilis* OUDEMANS  
Java, Sumatra (OUDEMANS, 1890)
- 37.\* *Lepidocyrtus javanus* OUDEMANS  
Java (OUDEMANS, 1890)
38. *Lepidocyrtus parallelus* FOLSOM  
Sumatra (FOLSOM, 1924)
39. *Lepidocyrtus setosus* FOLSOM  
Sumatra (FOLSOM, 1924)
40. *Acanthurella javana* BÖRNER  
Java (BÖRNER, 1906 and HANDSCHIN, 1925, 1926 & 1928)  
Sumatra (HANDSCHIN, 1932)
41. *Acanthurella amethystina* HANDSCHIN  
Java (HANDSCHIN, 1925)
42. *Acanthurella zonata* SCHÖTT  
Borneo (SCHÖTT, 1925)
43. *Acanthurella glauca* SCHÖTT  
Borneo (SCHÖTT, 1925)
44. *Seira taeniata* (HANDSCHIN)  
Sumatra (HANDSCHIN, 1925)
45. *Seira schäfferi* (SCHÖTT)  
Java (HANDSCHIN, 1928)
46. *Seira fasciata* (SCHÖTT)  
Borneo (SCHÖTT, 1925)
47. *Lepidosira montana* SCHÖTT  
Borneo (SCHÖTT, 1925)
48. *Lepidosira calolepis* (BÖRNER)  
Java (BÖRNER, 1913 and HANDSCHIN, 1926, 1928 & 1932)
49. *Lepidosira javana* (BÖRNER)  
Java (BÖRNER, 1913)
50. *Epimetrura mirabilis* SCHÖTT  
Borneo (SCHÖTT, 1925)
51. *Lepidosinella armata* HANDSCHIN  
Java (HANDSCHIN, 1920)

#### Orchesellidae

52. *Dicranocentrus sundaensis* SCHÖTT  
Borneo (SCHÖTT, 1925)
53. *Alloscopus tenuicornis* BÖRNER  
Java (BÖRNER, 1906 and HANDSCHIN, 1925, 1926 & 1930)

54. *Alloscopus tetracantha* BÖRNER  
Java (BÖRNER, 1906)

#### Paronellidae

55. *Salina celebensis* (SCHÄFFER)  
Java (BÖRNER, 1913 and HANDSCHIN, 1925, 1926, 1928 & 1932)  
Sumatra (FOLSOM, 1924 and HANDSCHIN, 1925 & 1928)  
Celebes (SCHÄFFER, 1898)
56. *Salina cingulata* (HANDSCHIN)  
Sumatra (HANDSCHIN, 1925 & 1928)
57. *Salina obscura* (HANDSCHIN)  
Sumatra (HANDSCHIN, 1925 & 1928)
58. *Salina insignis* HANDSCHIN  
Java (HANDSCHIN, 1928)
59. *Salina javana* HANDSCHIN  
Java (HANDSCHIN, 1928)
60. *Salina fasciata* HANDSCHIN  
Java (HANDSCHIN, 1928)
61. *Handschinella setigera* (BÖRNER)  
Java (BÖRNER, 1906 and HANDSCHIN, 1925)
62. *Handschinella incerta* (HANDSCHIN)  
Sumatra (HANDSCHIN, 1925)
63. *Handschinella nigrofasciata* (HANDSCHIN)  
Java (HANDSCHIN, 1928)
64. *Bromacanthus handschini* SCHÖTT  
Borneo (SCHÖTT, 1925)
- 65.\* *Callyntrura annulicornis* (OUDEMANS)  
Java (OUDEMANS, 1890, HANDSCHIN, 1925, 1926 & 1928 and SCHÖTT, 1903)
66. *Callyntrura anopla* BÖRNER  
Java (BÖRNER, 1906)
67. *Callyntrura tarsata* (BÖRNER)  
Java (BÖRNER, 1906 & 1913)
- 68.\* *Callyntrura dubia* (BÖRNER)  
Java (BÖRNER, 1913)
69. *Callyntrura segmentata* (FOLSOM)  
Sumatra (FOLSOM, 1924)

- 70.\* *Callyntrura longicornis* (OUDEMANS)  
Java, Sumatra (OUDEMANS, 1890; SCHÖTT, 1903 and HANDSCHIN,  
1925 & 1926)
71. *Callyntrura villosa* (HANDSCHIN)  
Java (HANDSCHIN, 1925 & 1926)
- 72.\* *Callyntrura dubia* (SCHÖTT, 1925)  
Borneo (SCHÖTT, 1925)
73. *Callyntrura florensis* (OUDEMANS)  
Java (OUDEMANS, 1890; SCHÖTT, 1903 and HANDSCHIN, 1932)  
Flores (OUDEMANS, 1890)  
Sumatra (SCHÖTT, 1903)
74. *Callyntrura sumatrana* (OUDEMANS)  
Sumatra (OUDEMANS, 1890 and SCHÖTT, 1903)
75. *Callyntrura vestita* (HANDSCHIN)  
Java (HANDSCHIN, 1925)
- 76.\* *Callyntrura lineata* (PARONA)  
Java (HANDSCHIN, 1925 & 1928)  
Sumatra (HANDSCHIN, 1925, 1928 & 1932)
77. *Dicranocentroides longiceps* HANDSCHIN  
Sumatra (HANDSCHIN, 1925)
78. *Dicranocentroides argentatus* SCHÖTT  
Sumatra (SCHÖTT, 1925)

#### Tomoceridae

- 79\* *Tomocerus montanus* (OUDEMANS)  
Sumatra (OUDEMANS, 1890)

#### Cyphoderidae

80. *Cyphoderus orientalis* FOLSOM  
Sumatra (FOLSOM, 1924 & HANDSCHIN, 1928)  
Java (HANDSCHIN, 1928)
81. *Cyphoderus javanus* BÖRNER  
*C. assimilis* BÖRNER is a synonym of this species?  
Java (BÖRNER, 1906 & 1913 and HANDSCHIN, 1926 & 1929)

- 82.\* *Cyphoderus agnotus javanicus* BÖRNER  
Java (BÖRNER, 1913)
- 83.\* *Cyphoderus handschini* DELAMARE  
Java (DELAMARE DEBOUTTEVILLE, 1948)
84. *Cyphoderus serratus* SCHÖTT  
Borneo (SCHÖTT, 1925)

#### Sminthuridae

85. *Corynephoris jacobsoni* ABSOLON  
Java (ABSOLON, 1907 and BÖRNER, 1913)
86. *Katianna coeruleocephala* HANDSCHIN  
Java (HANDSCHIN, 1920)
87. *Ptenothrix fiscellata* HANDSCHIN  
Sumatra (HANDSCHIN, 1925 & 1926)
88. *Ptenothrix pulchella* HANDSCHIN  
Java (HANDSCHIN, 1928)
- 89.\* *Ptenothrix gracillicornis gibbosa* BÖRNER  
Java (BÖRNER, 1906)
90. *Papirioides jacobsoni* FOLSOM  
Sumatra (FOLSOM, 1924)