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Records of the Zoological Survey of India

CHECK LIST OF ORIBATID MITES (ACARI) OF INDIA

by

A. K. SANYAL
A. K. BHADURI

Issued by the Director
Zoological Survey of India, Calcutta

RECORDS
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Zoological Survey of India, Calcutta

and

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सत्यमेव जयते

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CHECK LIST OF ORIBATID MITES (ACARI) OF INDIA

By

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INTRODUCTION

Oribatid mites form a complex group under Acarina and consist of diversified animals frequently designated as "beetle" or "moss" mites. They are primarily fungivorous, algivorous or saprophagous and occur in soil, litter, humus, compost heaps, moss, lichens growing over tree stumps, twigs and leaves, nests of birds (Aoki, 1966), caves (Moritz *et al.*, 1971), lava caves (Yamamoto and Aoki, 1971), nests of small mammals (Bulanova Zachvatkina *et al.*, 1974) and various other places, *viz.* pasture soils, coniferous taiga forest, arctic tundra (Bregetova, 1965) and even in subantarctic zones (Wallwork, 1973). A few species are slightly hydrophilic and still fewer are known to inhabit the sea (Willmann, 1931). According to Noordam and De Vlieger (1943) and Van der Drift (1951) Oribatei are the predominating group of inhabitants of the litter. In fact, they occur in all ecological niches, especially where vegetative materials decay in sufficient moisture and are penetrated by mycelia.

The life cycle of oribatid mites passes through four stages, *viz.* egg, larva, nymph and adult. The nymphs are subsequently moulted four times and passed through protonymphal, deutonymphal and tritonymphal stages before becoming adult.

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India oribatid mites were first reported by Pearce (1906) from Sikkim himalayan region. Later these mites are known through a good number of publications from different parts of India (Bhaduri) and Raychaudhuri, 1978, 1981).

The total number of species and subspecies of oribatid mites described and reported from India till today December, 1984 stand at 178 distributed over 118 genera under 56 families.

The undetermined species have been reported in this paper to record the distribution of the genera. Further attempts will be made to identify the undetermined specimens.

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CHECKLIST

Family MESOPLOPHORIDAE

Genus **Mesoplophora** Berlese

Mesoplophora Berlese, 1904. *Redia*, **2** : 23.

Type-species : *Mesoplophora michaeliana* Berlese, 1904,
(Polytypy). Italy.

1. Undetermined sp. Bhattacharya, 1979, *J. Res. Visva-Bharati*, **3** (2) : 21. West Bengal. Bhattacharya *et al.*, 1981. *J. soil Biol. Ecol.* **1** : 32. West Bengal. Joy and Bhattacharya, 1981. *Progress in soil Biology and Ecology in India* (ed. G. K. Veeresh). *UAS Tech. Series No. 37* : 102. West Bengal.

Family PHTHIRACARIDAE

Genus **Hoplophorella** Berlese

Hoplophorella Berlese, 1923. *Redia*, **25** : 260.

Type-species : *Hoplophora cucullatum* Ewing, 1909, (Polytypy).
U.S.A.

1. *H. africana* Wallwork, 1967. *Rev. Zool. Bot. Afr.*, **75** : 36. Tchad. Banerjee, 1974a. *Acta Arachnol.*, **25** (2) : 69. West Bengal. Chakrabarti and Mondal, 1981. *Sci. & Cult.*, **47** (5) : 182. West Bengal. Chakrabarti and Roy Talukdar, 1979. *Sci. & Cult.*, **45** (2) : 80. Assam. Mishra *et al.*, 1980. *Sci. & Cult.*, **46** : 225. Orissa. Misra *et al.*, 1982. *Indian J. Acar.*, **7** (2) : 73. Manipur.
2. *H. manipurensis* Misra *et al.*, 1982. *Indian J. Acar.*, **7** (2) : 73. Manipur.
3. *H. scapellata* Aoki, 1965a. *Nat. Life Southeast Asia*, **4** : 131. Thailand, Misra *et al.*, 1982. *Indian J. Acar.*, **7** (2) : 76. Manipur. Sanyal, 1981b. *Bull. zool. Surv. India*, **4** (3) : 296. West Bengal. Sanyal and Bhaduri, 1981. *Indian J. Acar.*, **6** (1 & 2) : 35. West Bengal.
4. *H. singularis* Sellnick, 1959. *Occas. Pap. Bishop Mus.*, **22** (9) : 148. Polynesia. Chakrabarti *et al.*, 1979. *Acarology News Letter*, **8** : 4. West Bengal. Misra *et al.*, 1982. *Indian J. Acar.*, **7** (2) : 73. Manipur.
5. *H. sundarbanensis* Sanyal and Bhaduri, 1981. *Indian J. Acar.*, **6** (1 & 2) : 35. West Bengal.
6. Undetermined sp. Bhaduri and Raychaudhuri, 1967. *Sci. & Cult.*, **33** : 450. West Bengal. Bhattacharya, 1979. *J. Res. Visva-Bharati*, **3** (2) : 21. West Bengal. Bhattacharya *et al.*, 1981. *J. Soil Biol. Ecol.*, **1** : 32. West Bengal. Joy and Bhattacharya, 1981. *Progress in Soil Biology and Ecology in India* (ed. G. K. Veeresh), *UAS Tech. Series No. 37* : 102. West Bengal. Sanyal, 1981a. *Progress in soil Biology and Ecology in India* (ed. G. K. Veeresh), *USA Tech. Series No. 37* : 109.

West Bengal. Sanyal and Bhaduri, 1982. *Proc. Symp. Ecol. Anim. Popul. zool. Surv. India*, pt. 3 : 120. West Bengal.

Genus **Hoplophthiracarus** Jacot

Hoplophthiracarus Jacot, 1933. *J. Elisha Mitchell Sci. Soc.*, **48** : 239.

Type-species : *Holoderma histricinum* Berlese, 1908,
(Polytypy). U.S.A.

1. *H. kuzohi siamensis* Aoki, 1980. *Bull. Inst. En. Sci. Tech., Yokohama*, 6 (2) : 35. Japan. Misra *et al.*, 1982. *Indian J. Acar.*, **7** (2) : 77. Manipur.
2. Undetermined sp. Sanyal, 1981a. *Progress in soil Biology and Ecology in India* (ed. G. K. Veeresh), *UAS Tech. Series No. 37* : 109. West Bengal.

Genus **Steganacarus** Ewing

Steganacarus Ewing, 1917. *Ann. Ent. Soc. Amer.*, **10** : 130.

Type-species : *Hoplophora anomala* Berlese, 1983, (Polytypy).
North America.

1. *S. ventosus* Hammar, 1961. *Biol. Skr. Dan. Vid. Selsk.*, **13** (1) : 132. Peru. Chakrabarti *et al.*, 1979. *Acarology News Letter*, **8** : 4. West Bengal.
2. *S. stilifer* Hammer, 1961. *Biol. Skr. Dan. Vid. Selsk.*, **13** (1) : 132. Peru. Chakrabarti *et al.*, 1979. *Acarology News Letter*, **8** : 4. West Bengal.

Family EUPHTHIRACARIDAE

Genus **Rhysotritia** Markel and Meyer

Rhysotritia Markel and Meyer, 1959. *Zool. Anz.*, **163** : 329.

Type-species : *Hoplophora ardua* Koch, 1841, (Polytypy).
German.

1. *R. ardua* (Koch, 1841). Deutschlands Crustaceen, Myriapoden and Arachniden, **32** : 15. German. Mishra *et al.*, 1980 *Sci. & Cult.*, **46** : 225 : Orissa. Singh and Mukherjee, 1971. *Oriental Ins.*, **5** (4) : 489. Uttar Pradesh.
- 1a. *R. ardua* (Koch) var. *otaheitensis* Hammer, 1972. *Biol. Skr. Dan. Vid. Selsk.*, **19** (3) : 12. Tahiti. Sanyal, 1981a. *Progress in soil Biology and Ecology in India* (ed. G. K. Veeresh). *UAS Tech. Series No. 37* : 109. West Bengal. Sanyal, 1982. *J. Soil Biol. Ecol.* **2** (1) : 10. West Bengal.
2. *R. peruensis* (Hammer, 1961). *Biol. Skr. Dan. Vid. Selsk.*, **13** (1) : 133. Peru. Chakrabarti *et al.*, 1973. *Sci. & Cult.*, **39** (8) : 365. West Bengal.
3. Undetermined sp. Singh and Pillai, 1981. *J. Soil Biol. Ecol.*, **1** : 14. Uttar Pradesh.

Family GEHYPOCHTHONIIDAE

Genus *Gehypochthonius* Jacot

Gehypochthonius Jacot, 1936. *J. Elisha Mitchell Sci. Soc.*, **52** : 22.

Type-species : *Gehypochthonius rhadamantus* Jacot, 1936,
(Polytypy). U.S.A.

1. Undetermined sp. Bhattacharya, 1979. *J. Res. Visva-Bharati*, **3** (2) : 21. West Bengal. Bhattacharya, *et al.*, 1980. *Tropical Ecology & Development*, 983. West Bengal. Bhattacharya *et al.*, 1981. *J. Soil Biol. Ecol.*, **1** : 32, West Bengal. Singh and Mukherjee, 1971. *Oriental Ins.*, **5** (4) : 489. Uttar Pradesh.

Family HYPOCHTHONIIDAE

Genus *Eohypochthonius* Jacot

Eohypochthonius Jacot, 1938. *J. Elisha Mitchell Sci. Soc.*, **54** : 133.

Type-species : *Hypochthonius gracilis* Jacot, 1936, (Polytypy).
U.S.A.

1. *E. gracilis* Jacot, 1938a. *J. Elisha Mitchell Sci. Soc.*, **54** : 133. U.S.A. Chakrabarti and Bhaduri, 1972. *Sci. & Cult.*, **38** (11) : 499. West Bengal. Choudhuri and Banerjee, 1977. The University of Burdwan Publication, 9. West Bengal. Mishra *et al.*, 1980. *Sci. & Cult.*, **46** : 225. Orissa.
2. *E. vilhenarum* (Balogh, 1958). *Rev. Zool. Bot. Afr.*, **58** : 4. Africa. Bhattacharya, 1979. *J. Res. Visva-Bharati*, **3** (2) : 21. West Bengal. Bhattacharya *et al.*, 1980. *Tropical Ecology & Development*. 983. West Bengal. Bhattacharya *et al.*, 1981. *J. Soil Biol. Ecol.*, **1** : 32. West Bengal. Joy and Bhattacharya, 1981. *Progress in soil Biology and Ecology in India* (ed. G. K. Veeresh), *UAS Tech. Series No.* **37** : 102. West Bengal.

Genus *Hypochthonius* Koch

Hypochthonius Koch, 1836. *Deutschlands Crustaceen, Myriapoden und Arachniden*. **1-9**.

Type-species : *Hypochthonius rufulus* Koch, 1836, (Polytypy). Europe.

1. Undetermined sp. Bhattacharya, 1979. *J. Res. Visva-Bharati*, **3** (2) : 21. West Bengal.

Genus *Malacoangelia* Berlese

Malacoangelia Berlese, 1913. *Redia*, **9** : 101.

Type-species : *Malacoangelia remigera* Berlese, 1913, (Polytypy). Java.

1. *M. remigera* Berlese, 1913. *Redia*, **9** : 101. Java. Chakrabarti and Bhaduri, 1972. *Sci. & Cult.*, **38** (11) : 499. West Bengal.
- 1a. *M. remigera indica* Chakrabarti *et al.*, 1972. *Acta Arachnol.*, **24** (2) : 89. West Bengal.

Family COSMOCHTHONIIDAE

Genus *Cosmochthonius* Berlese

Cosmochthonius Berlese, 1910. *Redia*, **6** (2) : 218.

Type-species : *Hypochthonius lanatus* Michael, 1885, (Polytypy).
U.K.

1. *C. bengalensis* Chakrabarti *et al.*, 1972. *Acta Arachnol.*, **24** (2) : 86. West Bengal.
2. *C. emmae* Berlese, 1910. *Redia*, **6** (2) : 222. Italy. Bhattacharya, 1979. *J. Res. Visva-Bharati*, **3** (2) : 21. West Bengal. Bhattacharya and Joy, 1980. *Soil Biology as related to land use practices* (ed. D. L. Dindal), 112. West Bengal. Bhattacharya *et al.*, 1980. *Tropical Ecology & Development*, **983**. West Bengal. Bhattacharya *et al.*, 1981. *J. Soil Biol. Ecol.*, **1** : 32. West Bengal. Joy and Bhattacharya, 1981. *Progress in soil Biology and Ecology in India* (ed. G. K. Veeresh), *UAS Tech. Series No. 37* : 102. West Bengal.
3. *C. lanatus* Wallwork, 1960a. *Acarologia*, **2** (3) : 385. Ghana. Bhattacharya, 1979. *J. Res. Visva-Bharati*, **3** (2) : 21. West Bengal.
4. Undetermined sp. Prasad, 1965. *Sci. & Cult.*, **31** (9) : 496. Bihar. Sanyal, 1981a. *Progress in soil Biology and Ecology in India* (ed. G. K. Veeresh), *UAS Tech. Series No. 37* : 109. West Bengal. Sanyal and Bhaduri, 1982. *Proc. Symp. Ecol. Anim. Popul. Zool. Surv. India*, pt. 3 : 120. West Bengal.

Genus *Trichthonius* Hammer

Trichthonius Hammer, 1961. *Biol. Skr. Dan. Vid. Selsk.*, **13** (1) : 15. Peru.

Type-species : *Cosmochthonius pulcherrimus* Hammer, 1958, (Polytypy). Argentina and Bolivia.

1. *T. heterotrichus* Sanyal and Bhaduri, 1983. *Acarologia*, **24** (2) : 219. West Bengal.

Family HAPLOCHTHONIIDAE

Genus *Haplochthonius* Willmann

Haplochthonius Willmann, 1930. *Abh. naturw. Ver. Bremen.*, **28** (1) : 2.

Type-species : *Cosmochthonius (H) simplex* Willmann, 1930, (Polytypy). Holland.

1. *H. clavatus* (Hammer, 1959). *Biol. Skr. Dan. Vid Selsk.*, **10** (1) : 23. Chakrabarti and Bhaduri, 1972. *Sci. & Cult.*, **38** (11) : 499. West Bengal.
2. *H. intermedius* Chakrabarti *et al.*, 1977a. *Sci. & Cult.*, **43** (4) : 178. West Bengal. Sanyal, 1981b. *Bull. zool. Surv. India*, **4** (3) : 296. West Bengal. Sanyal, 1982. *J. Soil Biol. Ecol.*, **2** (1) : 10. West Bengal. Sanyal and Sarkar, 1983. *Indian J. Acar.*, **8** : 33. West Bengal.
3. *H. simplex* Willmann, 1930. *Abh. naturw. Ver. Bremen*, **28** (1) : 2. Holland. Bhattacharya, 1979. *J. Res. Visva-Bharati*, **3** (2) : 21. West Bengal. Bhattacharya *et al.*, 1980. *Tropical Ecology & Development*, 983. West Bengal. Bhattacharya *et al.*, 1981. *J. Soil Biol. Ecol.*, **1** : 32. West Bengal. Joy and Bhattacharya, 1981. *Progress in Soil Biology and Ecology in India* (ed. G. K. Veeresh), *UAS Tech. Series No. 37* : 102. West Bengal.
4. Undetermined sp. Sanyal, 1981a. *Progress in Soil Biology and Ecology in India* (ed. G. K. Veeresh), *UAS Tech. Series No. 37* : 109. West Bengal.

Family SPHAEROCHTHONIIDAE

Genus *Sphaerochthonius* Berlese

Sphaerochthonius Berlese, 1910. *Redia*, **6** (2) : 223.

Type-species *Hypochthonius splendidus* Berlese, 1904, (Polytypy).
Java.

1. Undetermined sp. Bhattacharya *et al.*, 1981. *J. Soil Biol. Ecol.*, **1** : 32. West Bengal. Mishra *et al.*, 1980. *Sci. & Cult.*, **46** : 225. Orissa.

Family BRACHYCHTHONIIDAE

Genus *Brachychthonius* Berlese

Brachychthonius Berlese, 1910. *Redia*, **6** (2) : 219.

Type-species: *Brachychthonius berlesei* Willmann, 1928, (Polytypy).
German.

1. *B. cricoides* Weis-Fogh, 1947-48. *Natura Jutlandica*, **1** : 220. German. Bhattacharya *et al.*, 1981. *J. Soil Biol. Ecol.*, **1** : 32. West Bengal. Joy and Bhattacharya, 1981. *Progress in Soil Biology and Ecology in India* (ed. G. K. Veeresh), *UAS Tech. Series No. 37* : 102. West Bengal.
2. Undetermined sp. Bhattacharya *et al.*, 1980. *News Letter, Soil Biology and Ecology*, **1** (2) : 17. West Bengal.

Family LOHMANIIDAE

Genus *Annectacarus* Grandjean

Annectacarus Grandjean, 1950. *Arch. Zool. exp. gen. paris*, **87** : 131.

Type-species : *Annectacarus mucronatus* Grandjean, 1950,
(Polytypy). U.S.A.

1. *A. longisetosus* Bhattacharya *et al.*, 1974 *Oriental Ins.*, **8** (2) : 281. West Bengal. Bhattacharya, 1979. *J. Res. Visva-Bharati*, **3** (2) : 21. West Bengal.
2. *A. trivandricus* Haq, 1978a. *Soil Biology and Ecology in India* (eds. Edwards & Veeresh), *UAS Tech. Series No. 22* : 119. Kerala.
3. Undetermined sp. Chakrabarti and Bhaduri, 1972. *Sci. & Cult.*, **38** (11) : 499. West Bengal. Mishra *et al.*, 1980. *Sci. & Cult.*, **46** : 226. Orissa.

Genus *Cryptacarus* Grandjean

Cryptacarus Grandjean, 1950. *Arch. Zool. exp. gen. Paris*, **87** : 138.

Type-species : *Cryptacarus promecus* Grandjean, 1950, (Polytypy).
Algeria.

1. *C. dendrisetosus* Bhattacharya *et al.*, 1974. *Oriental Ins.*, **8** (2) : 281. West Bengal. Bhattacharya, 1979. *J. Res. Visva-Bharati*, **3** (2) : 21. West Bengal. Bhattacharya and Joy, 1980. *Soil Biology as related to land use practices* (ed. D. L. Dindal), 112. West Bengal.

2. *C. hirsutus* Aoki, 1961. *Jap. J. Appl. Ent. Zool.*, **5** (1) : 65. Japan. Bhattacharya, 1979. *J. Res Visva-Bharati*, **3** (2) : 21. West Bengal. Bhattacharya *et al.*, 1974. *Oriental Ins.*, **8** (2):281. West Bengal. Bhattacharya *et al.*, 1980. *Tropical Ecology & Development*, 983. West Bengal.
3. *C. schauenbergi* Mahunka, 1977. *Rev. Suisse. Zool.*, **84** (1) : 247. Malaysia. Bhattacharya and Bhattacharya, 1981. *Journal of the IPHE India*, No. 3 : 53. West Bengal. Bhattacharya *et al.*, 1981. *J. Soil Biol. Ecol.*, **1** : 32. West Bengal.
4. *C. tuberculatus* Cs'izar, 1961. *Acta Zool. Acad. Sci. Hung.*, **7** : 346. Java. Chakrabarti and Bhaduri, 1972. *Sci. & Cult.*, **38** (11) : 499. West Bengal. Sanyal, 1982. *J. Soil Biol. Ecol.*, **2** (1) : 10. West Bengal.
5. Undetermined sp. Singh and Mukherjee, 1971. *Oriental Ins.*, **5** (4) : 489. Uttar Pradesh. Singh and Pillai, 1975. *Rev. Ecol. Biol. Sol.*, **12** (3) : 582. Uttar Pradesh. Singh and Pillai, 1981. *J. Soil Biol. Ecol.*, **1** : 14. Uttar Pradesh.

Genus **Haplacarus** Wallwork

Haplacarus Wallwork, 1962. *Acarologia*, **4** : 465.

Type-species : *Haplacarus foliatus* Wallwork, 1962, (Polytypy).
Ghana.

1. *H. bhadurii* Sanyal. 1984. *J. Bombay Nat. Hist. Society*, **81** (1) : 151. Maharashtra.
2. *H. foliatus bengalensis* Bhattacharya *et al.*, 1974. *Oriental Ins.*, **8** (2) : 281. West Bengal. Bhattacharya, 1979. *J. Res. Visva-Bharati*, **3** (2) : 21. West Bengal. Ghosh and Bhaduri, 1978. *Indian J. Acar.*, **3** (2) : 56. Nagaland.
3. *H. maharashtraensis* Sanyal, 1984. *J. Bombay Nat. Hist. Society*, **81** (1) : 151. Maharashtra.
4. Undetermined sp. Mishra *et al.*, 1980. *Sci. & Cult.*, **46** : 225. Orissa.

Genus **Heptacarus** Piffi

Heptacarus Piffi, 1963. *Anz. Ost. Akad. Wiss.*, **2** : 24.

Type-species : *Heptacarus notoneotrichus* Piffi, 1963, (Polytypy).
Egypt.

1. *H. hirsutus* Wallwork, 1964. *Rev. Zool. Bot. Afr.*, **70** : 358 Tchad.
Haq and Prabhuo, 1976. *Entomon*, **1** (2) : 134. Kerala.

Genus **Javacarus** Balogh

Javacarus Balogh, 1961. *Acta Zool. Acad. Sci. Hung.*, **7** : 24.

Type-species : *Javacarus kuhnelti* Balogh, 1961, (Polytypy). Java.

1. *J. kuhnelti* Balogh, 1961. *Acta Zool. Acad. Sci. Hung.*, **7** : 31. Java.
Bhattacharya, 1979. *J. Res. Visva-Bharati*, **3** (2) : 21. West
Bengal. Bhattacharya *et al.*, 1974. *Oriental Ins.*, **8** (2) : 286.
West Bengal. Chakrabarti and Bhaduri, 1972. *Sci. & Cult.*,
38 (11) : 499. West Bengal. Chakrabarti *et al.*, 1979. *Acarology
News Letter*, **8** : 4. West Bengal. Mishra *et al.*, 1980. *Sci. &
Cult.*, **46** : 225. Orissa. Sanyal, 1984. *J. Bombay Nat. Hist.
Society*, **81** (1) 151. Maharashtra.

Genus **Lepidacarus** Csiszar

Lepidacarus Csiszar, 1961. *Acta Zool. Acad. Sci. Hung.*, **7** : 347.

Type-species : *Lepidacarus ornatissimus* Csiszar, 1961, (polytypy).
Java.

1. *L. ornatissimus* Csiszar, 1961. *Acta Zool. Acad. Sci. Hung.*, **7** : 347.
Java. Haq, 1978b. *Soil Biology and Ecology in India* (eds. Edward
& Veeresh), *UAS Tech. Series No.* **22** : 145. Kerala. Haq and
Adolph, 1980. *Indian J. Acar.*, **5** : 57. Kerala.

Genus **Lohmannia** Michael

Lohmannia Michael, 1898. *Lief.*, **3** : 75.

Type-species : *Michaelia paradoxa* Haller, 1884, (Polytypy). U.S A.

1. *L. javana* Balogh, 1961. *Acta Zool. Acad. Sci. Hung.*, **7** : 26. Java. Chakrabarti *et al.*, 1977a. *Sci. & Cult.*, **43** (4) : 179. West Bengal.
2. Undetermined sp. Singh and Mukherjee, 1971. *Oriental Ins.*, **5** (4) : 489. Uttar Pradesh. Singh and Pillai, 1975. *Rev. Ecol. Biol. Sol.*, **12** (3) : 582. Uttar Pradesh. Singh and Pillai, 1981. *J. Soil Biol. Ecol.*, **1** : 14. Uttar Pradesh.

Genus *Papillacarus* Kunst

Papillacarus Kunst, 1959. *Acta Univ. Carol. Biol.*, **52**.

Type-species : *Lohmannia aciculata* Berlese, 1905, (Polytypy).
Ireland.

1. *P. indicus* Kardar, 1972. *Oriental Ins.*, **6** (1) : 61. Uttar Pradesh.
2. *P. simplirostratus* Bhattacharya *et al.*, 1974. *Oriental Ins.*, **8** (2) : 281. West Bengal. Bhattacharya, 1979. *J. Res. Visva-Bharati*, **3** (2) : 21. West Bengal. Bhattacharya *et al.*, 1980. *Tropical Ecology & Development*, 983. West Bengal. Bhattacharya *et al.*, 1981. *J. Soil Biol. Ecol.*, **1** : 32. West Bengal.
3. Undetermined sp. Mishra *et al.*, 1980. *Sci & Cult.*, **46** : 225. Orissa.

Genus *Paulianacarus* Balogh

Paulianacarus Balogh, 1960. *Mem. Inst. Sci. Madagascar*, **14A** : 8.

Type-species : *Paulianacarus laevis* Balogh, 1960, (Polytypy)
Madagascar.

1. *P. foliatus* Mondal and Chakrabarti, 1982. *Indian J. Acar.*, **7** (2) : 79. West Bengal.

Genus *Vepracarus* Aoki

Vepracarus Aoki, 1965a. *Nat. Life Southeast Asia.*, **4** : 142.

Type-species : *Vepracarus ogawai* Aoki, 1965, (Polytypy).
Thailand.

1. Undetermined sp. Mishra *et al.*, 1980. *Sci. & Cult.*, **46** : 225. Orissa.

Family EPILOHMANNIIDAE

Genus *Epilohmannia* Berlese

Epilohmannia Berlese, 1910. *Redia*, **12** : 176.

Type-species : *Lohmannia cylindrica* Berlese, 1904, (Polytypy). Italy.

1. *E. cylindrica* Berlese, 1904. *Redia*, **2** : 23. Italy. Singh and Mukherjee, 1971. *Oriental Ins.*, **5** (4) : 489. Uttar Pradesh.
2. *E. pallida* Wallwork, 1962. *Acarologia*, **4** (4) : 689. Ghana. Banerjee, 1974a. *Acta Arachnol.*, **25** (2) : 69. West Bengal. Banerjee and Roy, 1981. *Contributions to Acarology in India*, (ed. G. P. ChannaBasavanna), 30. West Bengal.
- 2a. *E. pallida indica* Bhattacharya and Banerjee, 1979. *Indian J. Acar.*, **4** (1) : 19. West Bengal. Bhattacharya *et al.*, 1981. *J. Soil Biol. Ecol.*, **1** : 32. West Bengal.
- 2b. *E. pallida pacifica* Aoki, 1965b. *Pacific Ins.*, **7** (2) : 312. Hawaiian Island. Bhattacharya, 1979. *J. Res. Visva-Bharati*, **3** (2) : 21. West Bengal. Bhattacharya *et al.*, 1980. *Tropical Ecology & Development*, 983. West Bengal. Bhattacharya and Bhattacharya, 1981. *Journal of the IPHE India*, No. 3 : 53. West Bengal. Haq and Prabhoo, 1976. *Entomon*, **1** (2) : 134. Kerala. Joy and Bhattacharya, 1981. *Progress in Soil Biology and Ecology in India* (ed. G. K. Veeresh), *UAS Tech. Series No. 37* : 102. West Bengal. Mishra *et al.*, 1980. *Sci. & Cult.*, **46** : 225. Orissa.
3. Undetermined sp. Singh and Mahajan, 1981. *Contributions to Acarology in India* (ed. G. P. ChannaBasavanna), 158. Uttar Pradesh. Singh and Pillai, 1975. *Rev. Ecol. Biol. Sol.*, **12** (3) : 582. Uttar Pradesh. Singh and Pillai, 1981. *J. Soil Biol. Ecol.*, **1** : 14. Uttar Pradesh.

Family NOTHRIDAE

Genus *Nothrus* Koch

Nothrus Koch, 1836. *Deutschlands Crustaceen, Myriapoden und Arachniden*, 2 : 17.

Type-species : *Nothrus palustris* Koch, 1839, (Polytypy). German.

1. *N. biciliatus* Koch, 1841. *Deutschlands Crustaceen, Myriapoden und Arachniden*, 31-33, 37-39. Chakrabarti and Mondal, 1981. *Sci. & Cult.*, 47 (5) : 182. West Bengal.
2. *N. gracilis* Hammer, 1961. *Biol. Skr. Dan. Vid. Selsk.*, 13 (1) : 28. Peru. Chakrabarti *et al.*, 1979. *Acarology News Letter*, 8 : 4. West Bengal.
3. *N. oblongus* Hammer, 1961. *Biol. Skr. Dan. Vid. Selsk.*, 13 (1) : 27. Peru. Chakrabarti *et al.*, 1979. *Acarology News Letter*, 8 : 4. West Bengal.

Family CAMISIIDAE

Genus *Platynothrus* Berlese

Platynothrus Berlese, 1913. *Redia*, 9 : 99.

Type-species : *Nothrus peltifer* Koch, 1839, (Polytypy). German.

1. *P. peltifer* (Koch, 1839). *Deutschlands Crustaceen, Myriapoden und Arachniden*, 29 : 9. German. Ghosh and Bhaduri, 1978. *Indian J. Acar.*, 3 (2) : 56. Nagaland.

Genus *Sigmonothrus* Chakrabarti and Kundu

Sigmonothrus Chakrabarti and Kundu, 1978. *Indian J. Acar.*, 3 (2) : 58.

Type-species : *Sigmonothrus quadristriatus* Chakrabarti and Kundu, 1978, (Polytypy). West Bengal.

1. *S. bistriatus* Chakrabarti and Mandal, 1978. *Indian J. Acar.*, 3 (2) : 64. West Bengal.

2. *S. ovatus* Kundu and Mondal, 1978. *Indian J. Acar.*, **3** (2) : 62. West Bengal.
3. *S. quadristriatus* Chakrabarti and Kundu, 1978. *Indian J. Acar.*, **3** (2) : 59. West Bengal.

Family TRHYPOCHTHONIIDAE

Genus *Allonothrus* Hammen

Allonothrus Hammen, 1953. *Proc Acad Sci. Amst.*, **56C** : 244.

Type-species : *Allonothrus schuilingi* Hammen, 1953, (Polytypy).
Dutch New Guinea.

1. *A. giganticus* Haq, 1978a. *Soil Biology and Ecology in India* (eds. Edwards & Veeresh), *UAS Tech. Series No. 22* : 123. Kerala.
2. *A. indicus* Bhaduri and Raychaudhuri, 1968. *Oriental Ins.*, **2** (2) : 195. West Bengal.
3. *A. monensis* Ghosh and Bhaduri, 1978. *Indian J. Acar.*, **3** (2) : 53. Nagaland.
4. *A. monodactylus* Wallwork, 1960b. *Acarologia*, **2** (4) : 568. Ghana.
Banerjee, 1974a. *Acta Arachnol.*, **25** (2) : 69. West Bengal.
Banerjee, 1974b. *Acta Arachnol.*, **26** (1) : 48. West Bengal.
Bhaduri and Raychaudhuri, 1968. *Oriental Ins.*, **2** (2) : 196. West Bengal.
Choudhuri and Banerjee, 1977. The University of Burdwan Publication, 9. West Bengal.
Mishra *et al.*, 1980. *Sci. & Cult.*, **46** : 226. Orissa.
5. *A. russeolus* Wallwork, 1960b. *Acarologia*, **2** (4) : 571. Ghana.
Bhaduri and Raychaudhuri, 1968, *Oriental Ins.*, **2** : 197. West Bengal.
Bhattacharya, 1979. *J. Res. Visva-Bharati*, **3** (2) : 21. West Bengal.
Bhattacharya *et al.*, 1981. *J. Soil Biol. Ecol.*, **1** : 32. West Bengal.
Chakrabarti and Roy Talukdar, 1979. *Sci. & Cult.*, **45** (2) : 81. Assam.
Chakrabarti and Mondal, 1981. *Sci. & Cult.*, **47** (5) : 182. West Bengal.
Joy and Bhattacharya, 1981. *Progress in Soil Biology and Ecology in India* (ed. G. K. Veeresh), *UAS Tech. Series No. 37* : 102. West Bengal.

Genus *Archegozetes* Grandjean

Archegozetes Grandjean, 1931. *Bull. Mus. Hist. Nat. Paris*, **3** (2) : 144.

Type-species : *Epilohmannia* (?) *magna* Sellnick, 1925, (Polytypy).
Sumatra.

1. *A. longisetosus* Aoki, 1965a. *Nat. Life Southeast Asia*, **4** : 147. Thailand. Bhattacharya, 1979. *J. Res. Visva-Bharati*, **13** (2) : 22. West Bengal. Bhattacharya *et al.*, 1980. *Tropical Ecology & Development*, 983. West Bengal. Bhattacharya and Joy, 1980. *Soil Biology as related to land use practices* (ed. D. L. Dindal), 112. West Bengal. Bhattacharya *et al.*, 1980. *Tropical Ecology & Development*, 983. West Bengal. Bhattacharya *et al.*, 1981. *J. Soil Biol. Ecol.*, **1** : 32. West Bengal. Chakrabarti and Roy Talukdar, 1979. *Sci. & Cult.*, **45** (2) : 81. Assam. Haq, 1978b. *Soil Biology and Ecology in India* (eds. Edwards & Veeresh), *UAS Tech. Series No. 22* : 145. Kerala. Haq and Adolph, 1980. *Indian J. Acar.*, **5** : 57. Kerala. Haq and Prabhu, 1976. *Entomon*, **1** (2) : 133. Kerala. Joy and Bhattacharya, 1981. *Progress in Soil Biology and Ecology in India* (ed. G. K. Veeresh), *UAS Tech. Series No. 37* : 102. West Bengal.
2. *A. magna* (Sellnick, 1925). *Suppl. Ent. Berlin*, **11** : 87. German. Banerjee, 1974a. *Acta Arachnol.*, **25** (2) : 69. West Bengal. Banerjee, 1974b. *Acta Arachnol.*, **26** (1) : 48. West Bengal. Banerjee and Roy, 1981. *Contributions to Acarology in India* (ed. G. P. Channa-Basavanna), 30. West Bengal. Choudhuri and Banerjee, 1975. *Oriental Ins.*, **9** (3) : 314. West Bengal. Chakrabarti *et al.*, 1977a. *Sci. & Cult.*, **43** (4) : 179. West Bengal. Mishra *et al.*, 1980. *Sci. & Cult.*, **46** : 225. Orissa.
- 2a. *A. magna indicus* Bhaduri and Raychaudhuri, 1968. *Oriental Ins.*, **2** (2) : 195. West Bengal.

Genus *Trhypochthonius* Berlese

Trhypochthonius Berlese, 1904. *Redia*, **2** : 27.

Type-species : *Hypochthonius tectorum* Berlese, 1896, (Polytypy).
Italy.

1. *T. tectorum* (Berlese, 1896). Acari, Myriapoda et Scorpiones hucusque in Italia reperta, **78** : 8. Italy. Pearce, 1906. *Journ. Roy. Micr. Soc.*, 270. Sikkim.

Family MALACONOTHRIDAE

Genus *Malaconothrus* Berlese

Malaconothrus Berlese, 1904. *Redia*, **2** : 24.

Type-species : *Nothrus monodactylus* Michael, 1888, (Polytypy). U.K.

1. *M. assamensis* Chakrabarti and Roy Talukdar, 1979. *Sci. & Cult.*, **45** (2) : 79. Assam. Bhattacharya, 1979. *J. Res. Visva-Bharati*, **3** (2) : 22. West Bengal. Bhattacharya *et al.*, 1980. *Tropical Ecology & Development*, 983. West Bengal.
2. Undetermined sp. Bhattacharya *et al.*, 1981. *J. Soil Biol. Ecol.*, **1** : 32. West Bengal. Joy and Bhattacharya, 1981. *Progress in Soil Biology and Ecology in India* (ed. G. K. Veeresh), *UAS Tech. Series No. 37* : 102. West Bengal. Mishra *et al.*, 1980. *Sci. & Cult.*, **46** : 226. Orissa.

Genus *Trimalaconothrus*

Trimalaconothrus Berlese, 1916. *Redia*, **12** : 336.

Type-species : *Malaconothrus (T) indusiatus* Berlese, 1916, (Polytypy). Italy.

1. *T. cajamarcentis* Hammer, 1961. *Biol. Skr. Dan. Vid. Selsk.*, **13** (1) : 17. Peru. Chakrabarti *et al.*, 1973. *Sci. & Cult.*, **39** (8) : 365. West Bengal. Mishra *et al.*, 1980. *Sci & Cult.*, **46** : 226. Orissa.

Family NANHERMANNIIDAE

Genus *Cyrthermannia* Balogh

Cyrthermannia Balogh, 1958. *Rev. Zool. Bot. Afr.*, **58** (1-2) : 3.

Type-species : *Cyrthermannia tuberculata* Balogh, 1958, (Polytypy). Africa.

1. *C. bicornuta* Haq, 1978a. *Soil Biology and Ecology in India* (eds. Edwards & Veeresh), *UAS Tech. Series No. 22* : 121. Kerala.
2. *C. vicinicornuta* Aoki, 1965a. *Nat. Life Southeast Asia*, **4** : 153. Thailand. Bhattacharya *et al.*, 1981. *J. Soil Biol. Ecol.*, **1** : 32. West Bengal. Chakrabarti and Bhaduri, 1972. *Sci. & Cult.*, **38** (11) : 499. West Bengal. Joy and Bhattacharya, 1981. *Progress in Soil Biology and Ecology in India* (ed. G. K. Veeresh), *UAS Tech. Series No. 37* : 102. West Bengal.
3. *C. quadricornuta* Chakrabarti *et al.*, 1977b. *Indian J. Acar.*, **2** : 49. West Bengal.
4. Undetermined sp. Mishra *et al.*, 1980. *Sci. & Cult.*, **46** : 226. Orissa.

Genus *Masthermannia* Berlese

Masthermannia Berlese, 1913. *Redia*, **9** : 100.

Type-species : *Angelia mamillaris* Berlese, 1904, (Polytypy). Italy.

1. *M. mamillaris* Berlese, 1913. *Redia*, **9** : 100. Italy. Chakrabarti and Bhaduri, 1972. *Sci. & Cult.*, **38** (11) : 499. West Bengal. Chakrabarti *et al.*, 1977b. *Indian J. Acar.*, **2** : 48. West Bengal.

Genus *Nanhermannia* Berlese

Nanhermannia Berlese 1913. *Redia*, **9** : 100.

Type-species : *Nothrus nanus* Nicolet, 1855, (Polytypy). France.

1. *N. himalayensis* Chakrabarti and Raychaudhuri, 1977b. *Indian J. Acar.*, **2** : 51. West Bengal.
2. *N. thaiensis* Aoki, 1965a. *Nat. Life Southeast Asia.*, **4** : 149. Thailand. Chakrabarti and Mondal, 1981. *Sci. & Cult.*, **47** (5) : 182. West Bengal.

Family HERMANIIDAE

Genus **Hermannia** Nicolet

Hermannia Nicolet, 1855. *Arch. Mus. Hist. Nat.*, **7** : 418.

Type-species : *Nothrus gibbus* Koch, 1839, (Polytypy). German.

1. *H. convexa* Pearce, 1906. *Journ. Roy. Micr. Soc.*, **270**. Sikkim.

Family LIODIDAE

Genus **Liodes** von Heyden

Liodes von Heyden, 1826. *Isis (von Oken)*, **18**.

Type-species : *Notaspis theleproctus* Hermann, 1804, (Polytypy).
German.

1. *L. ocellatus* Pearce, 1906. *Journ. Roy. Micr. Soc.*, 272. Sikkim.
2. *L. terrestris* Wallwork, 1963. *Acarologia*, **5** (1) : 102. Ghana.
Chakrabarti *et al.*, 1977. *Sci. & Cult.*, **43** (4) : 179. West
Bengal. Chakrabarti *et al.*, 1979. *Acarology News Letter*,
8 : 4. West Bengal.
3. Undetermined sp. Mishra *et al.*, 1980. *Sci. & Cult.*, **46** : 226.
Orissa.

Family GYMNODAMAEIDAE

Genus **Allodamaeus** Banks

Allodamaeus Banks, 1947. *Psyche, Cambridge, Mass.*, **54** (2) : 118.

Type-species : *Allodamaeus ewingi* Banks, 1947, (Polytypy).
North Carolina.

1. *A. adpressus* Aoki and Fujikawa, 1971. *Annot. Zool. Jap.*, **44** :
115. Japan. Mondal and Chakrabarti, 1982. *Indian J. Acar.*
7 (2) : 82. West Bengal.

Family PLATEREMAEIDAE

Genus **Pedrocortesia** Hammer

Pedrocortesia Hammen, 1958. *Biol. Skr. Dan. Vid. Selsk.*, **10** (1) : 40.

Type-species : *Pedrocortesia mirabilis* Hammer, 1958, (Polytypy).
Argentina.

1. Undetermined sp. Mishra *et al.*, 1980. *Sci. & Cult.*, **46** : 226.
Orissa,

Genus *Plateremaeus* Berlese

Plateremaeus Berlese, 1908. *Redia*, **5** (1) : 11.

Type-species : *Damaeus ornatissimus* Berlese, 1888, (Polytypy).
South America.

1. *P. rotundatus* Berlese, 1913. *Redia*, **9** : 96. Java. Chakrabarti
et al., 1977. *Sci. & Cult.*, **43** (4) : 179. West Bengal.
2. Undetermined sp. Chakrabarti *et al.*, 1973. *Sci. & Cult.*, **39** (8) :
365. West Bengal.

Family BELBIDAE

Genus *Belba* von Heyden

Belba von Heyden, 1826. *Isis (Von Oken)*, **18**.

Type-species : *Notaspis corynopus* Hermann, 1804, (Polytypy).
German.

1. Undetermined sp. Mishra *et al.*, 1980. *Sci. & Cult.*, **46** : 226.
Orissa.

Genus *Metabelba* Grandjean

Metabelba Grandjean, 1936. *Ann. Soc. ent. Fr.*, **105** : 67.

Type-species : *Damaeus papillipes* Nicolet, 1855, (Polytypy). Italy.

1. Undetermined sp. Chakrabarti and Mondal, 1981. *Sci. & Cult.*,
47 (5) : 182. West Bengal.

Family BELBODAMAEIDAE

Genus *Damaeobelba* Sellnick

Damaeobelba Sellnick, 1928. *Die Tierwelt Mitteleuropas*, **3** (4) : 2.

Type-species : *Oribata minutissimus* Sellnick, 1920, (Polytypy).
German.

1. Undetermined sp. Bhattacharya, 1979. *J. Res. Visva-Bharati*, 3 (2) : 22. West Bengal. Bhattacharya *et al.*, 1980. *Tropical Ecology & Development*, 983. West Bengal. Joy and Bhattacharya, 1981. *Progress in Soil Biology and Ecology in India* (ed. G. K. Veeresh), *UAS Tech. Series No. 37* : 102. West Bengal.

Genus **Hungarobelba** Balogh

Hungarobelba Balogh, 1943. *Mat. term. Kozl.*, 39 (5) : 40.

Type-species : *Belba visnyai* Balogh, 1938, (Polytypy). Hungary.

1. Undetermined sp. Bhattacharya, 1979. *J. Res. Visva-Bharati*, 3 (2) : 22. West Bengal. Bhattacharya *et al.*, 1981. *J. Soil Biol. Ecol.*, 1 : 32. West Bengal.

Family CEPHEIDAE

Genus **Conoppia** Berlese

Conoppia Berlese, 1908, *Redia*, 5 : 7.

Type-species : *Oppia microptera* Berlese, 1885, (Polytypy). Italy.

1. Undetermined sp. Bhaduri and Raychaudhuri, 1967. *Sci. & Cult.*, 33 : 450. West Bengal. Bhattacharya, 1979. *J. Res. Visva-Bharati*, 3 (2) : 22. West Bengal.

Genus **Ommatocepheus** Berlese

Ommatocepheus Berlese, 1913. *Redia*, 9 : 98.

Type-species : *Cepheus ocellatus* Michael, 1882, (Polytypy). U.K.

1. *O. ocellatus* Pearce, 1906. *Journ. Roy. Micr. Soc.*, 269. Sikkim.

Family MICROTEGEIDAE

Genus **Microtegeus** Berlese

Microtegeus Berlese, 1917. *Documents Scientifiques*, 5.

Type-species : *Tegeocranus (M.) undulatus* Berlese, 1917, (Polytypy). Italy.

1. *M. reticulatus* Aoki, 1965a. *Nat. Life Southeast Asia*, **4** : 156. Thailand.

Family MICROZETIDAE

Genus *Microzetes* Berlese

Microzetes Berlese, 1913. *Redia*, **9** : 88.

Type-species : *Sphaerozetes mirandus* Berlese, 1908, (Polytypy).
Italy.

1. *M. auxiliaris* Grandjean, 1936. *Bull. Mus. Hist. Nat. Paris*, **8** (2) : 138. Venezuela. Bhattacharya, 1979. *J. Res. Visva-Bharati*, **3** (2) : 22. West Bengal. Bhattacharya and Joy, 1980. *Soil Biology as related to land use practices* (ed. D. L. Dindal), 112. West Bengal. Bhattacharya et al., 1980. *Tropical Ecology & Development*, 983. West Bengal. Bhattacharya et al., 1981. *J. Soil Biol. Ecol.*, **1** : 32. West Bengal. Chakrabarti and Bhaduri, 1972. *Sci. & Cult.*, **38** (11) : 500. West Bengal. Chakrabarti et al., 1979. *Acarology News Letter*, **8** : 4. West Bengal. Joy and Bhattacharya, 1981. *Progress in Soil Biology and Ecology in India* (ed. G. K. Veeresh), *UAS Tech. Series No.* **37**, 102. West Bengal. Mishra et al., 1980. *Sci. & Cult.*, **46** : 226. Orissa.
- 1a. *M. auxiliaris appalachicola* Jacot, 1938b. *Proc. Ent. Soc. Washington*, **40** (1) : 14. U.S.A. Chakrabarti et al., 1977. *Sci. & Cult.*, **43** (4) : 179. West Bengal.
2. *M. peruensis* Hammer, 1961. *Biol. Skr. Dan. Vid. Selsk.*, **13** (1) : 134. Peru. Chakrabarti et al., 1973. *Sci. & Cult.*, **39** (8) : 365. West Bengal.

Family EREMULIDAE

Genus *Eremulus* Berlese

Eremulus Berlese, 1908. *Redia*, **5** : 10.

Type-species : *Eremulus flagellifer* Berlese, 1908, (Polytypy).
U.S.A.

1. *E. avenifer* Berlese, 1913. *Redia*, **9** : 96. Java. Chakrabarti *et al.*, 1977. *Sci. & Cult.*, **43** (4) : 179. West Bengal. Ghosh and Bhaduri, 1978. *Indian J. Acar.*, **3** (2) : 56. Nagaland.
2. *E. flagellifer* Berlese, 1908. *Redia*, **5** : 10. U.S.A. Bhattacharya, 1979. *J. Res. Visva-Bharati*, **3** (2) : 22. West Bengal. Bhattacharya *et al.*, 1981. *J. Soil Biol. Ecol.*, **1** : 32. West Bengal. Chakrabarti *et al.*, 1973. *Sci. & Cult.*, **39** (8) : 365. West Bengal. Joy and Bhattacharya, 1981. *Progress in Soil Biology and Ecology in India* (ed. G. K. Veeresh), *UAS Tech. Series No. 37* : 102. West Bengal.

Family DAMAEOLIDAE

Genus *Fosseremus* Grandjean

Fosseremus Grandjean, 1954. *Bull. Mus. Hist. nat. Paris*, **26** : 339.

Type-species : *Damaeolus laciniatus* (Berlese) Paoli, 1908.
(Polytypy). Italy.

1. *F. quadripertitus* Grandjean, 1965. *Acarologia*, **7** : 343. Italy. Bhattacharya, 1979. *J. Res. Visva-Bharati*, **3** (2) : 22. West Bengal. Bhattacharya *et al.*, 1981. *J. Soil Biol. Ecol.*, **1** : 33. West Bengal. Joy and Bhattacharya, 1981. *Progress in Soil Biology and Ecology in India* (ed. G. K. Veeresh), *UAS Tech. Series No. 37* : 102. West Bengal. Singh and Mukherjee, 1971. *Oriental Ins.*, **5** (4) : 489. Uttar Pradesh.
2. Undetermined sp. Singh and Mukherjee, 1971. *Oriental Ins.*, **5** (4) : 489. Uttar Pradesh. Singh and Pillai, 1975. *Rev. Ecol. Biol. Sol.*, **12** (3) : 582. Uttar Pradesh. Singh and Pillai, 1981. *J. Soil Biol. Ecol.*, **1** : 12. Uttar Pradesh.

Family EREMOBELBIDAE

Genus *Eremobelba* Berlese

Eremobelba Berlese, 1908. *Redia*, **5** (1) : 9.

Type-species : *Eremaeus leprosus* Haller, 1884, (Polytypy). U.S.A.

1. *E. indica* Ghosh and Bhaduri, 1978. *Indian J. Acar.*, **3** (2) : 51. Nagaland.

2. *E. nagaroorica* Haq, 1978a. *Soil Biology and Ecology in India* (eds. Edwards & Veeresh), *UAS Tech. Series No. 22* : 125. Kerala.

Family AMERIDAE

Genus *Amerus* Berlese

Amerus Berlese, 1896. *Acari, Myriapoda et Scorpiones hucusque in Italia reperta*, **79** : 7.

Type-species : *Belba troisii* Berlese, 1883, (Polytypy). Italy.

1. *A. speciosus* Pearce, 1906. *Journ. Roy. Micr. Soc.*, **272**. Sikkim.

Genus *Hymenobelba* Balogh

Hymenobelba Balogh, 1962. *Ann. Hist.—nat. Mus. Hung.*, **54** : 423.

Type-species : *Hymenobelba ypsilon* Balogh, 1962, (Polytypy). Madagascar.

1. *H. ypsilon* Balogh, 1962. *Ann. Hist.—nat. Mus. Hung.* **54** : 423. Madagascar. Mondal and Chakrabarti, 1982. *Indian J. Acar.*, **7** (2) : 83. West Bengal.

Family HETEROBELBIDAE

Genus *Heterobelba* Berlese

Heterobelba Berlese, 1913. *Redia*, **9** : 97.

Type-species : *Heterobelba gulerulata* Berlese, 1913, (Polytypy). Java.

1. Undetermined sp. Chakrabarti and Mondal, 1981. *Sci. & Cult.*, **47** (5) : 182. West Bengal.

Family BASILOBELBIDAE

Genus *Basilobelba* Balogh

Basilobelba Balogh, 1958. *Rev. Zool. Bot. Afr.*, **58** : 9.

Type-species : *Damaeus retiarius* Warburton, 1912, (Polytypy). Seychelles.

1. *B. indica* Bhaduri *et al.*, 1974., *Acta Arachnol.*, **25** (2) : 86. West Bengal. Choudhuri and Banerjee, 1977. The University of Burdwan Publication, 27. West Bengal. Mishra *et al.*, 1980. *Sci. & Cult.*, **46** : 226. Orissa.

2. Undetermined sp. Bhaduri and Raychaudhuri, 1967. *Sci. & Cult.*, **33** : 450. West Bengal.

Genus **Xiphobelba** Csiszar

Xiphobelba, Csiszar, 1961. *Acta Zool. Acad. Sci. Hung.*, **7** : 353.

Type-species : *Xiphobelba hamanni* Csiszar, 1961, (Polytypy).
Java.

1. *X. ismalia* Haq, 1979. *Indian J. Acar.*, **4** (1) : 14. Kerala.
2. Undetermined sp. Bhaduri and Raychaudhuri, 1967. *Sci. & Cult.*, **33** : 450. West Bengal.

Family EREMAEIDAE

Genus **Eremaeus** Koch

Eremaeus Koch, 1836. *Deutschlands Crustaceen, Myriapoden und Arachniden*, **3**.

Type-species : *Eremaeus hepaticus* Koch, 1836, (Polytypy). German.

1. Undetermined sp. Bhattacharya, 1979. *J. Res. Visva-Bharati*, **3** (2) : 22. West Bengal.

Genus **Tricheremaeus** Berlese

Tricheremaeus Berlese, 1908. *Redia*, **5** (1) : 11.

Type-species : *Notaspis serrata* Michael, 1885, (Polytypy). U.K.

1. Undetermined sp. Bhattacharya 1979. *J. Res. Visva-Bharati*, **3** (2) : 22. West Bengal. Bhattacharya *et al.*, 1981. *J. Soil Biol. Ecol.*, **1** : 33. West Bengal.

Family ZETORCHESTIDAE

Genus **Zetorchestes** Berlese

Zetorchestes Berlese, 1888. *Acari, Myriapoda et Scorpiones hucusque in Italia reperta*, Padova.

Type-species : *Carabodes micronychus* Berlese, 1883, (Polytypy).
Italy.

1. *Z. saltator* Oudemans, 1915. *Ber. Ned. Ent. Ver.*, **4** : 194. Ceylon.
Mondal and Chakrabarti, 1982. *Indian J Acar.*, **7** (2) : 83.
West Bengal.

Family LIACARIDAE

Genus *Liacarus* Michael

Liacarus Michael, 1898. *Das Tierreich : Oribatidae*, **3** : 40.

Type-species : *Oribata nitens* Gervais, 1844, (Polytypy). U.K.

1. *L. nigrescens* Pearce, 1906. *Journ. Roy. Micr. Soc.*, 270. Sikkim.

Genus *Opsioristes* Woolley

Opsioristes Woolley, 1967. *J. Kans. ent. Soc.*, **40** : 275.

Type-species : *Opsioristes eurhostus* Woolley, 1967, (Polytypy)
U.S.A.

1. Undetermined sp. Mishra *et al.*, 1980. *Sci. & Cult.*, **46** : 226. Orissa.

Family METRIOPPIIDAE

Genus *Ceratoppia* Berlese

Ceratoppia Berlese, 1908. *Redia*, **5** (1) : 7.

Type-species : *Notaspis bipilis* Hermann, 1804, (Polytypy).
German.

1. *C. bipilis* Hermann, 1804, *Memoire Apterologique*. German.
Chakrabarti and Mondal, 1981. *Sci. & Cult.*, **47** (5) : 182.
West Bengal.

Family GUSTAVIIDAE

Genus *Gustavia* Kramer

Gustavia Kramer, 1879. *Arch. Natg. Jahrg.*, **45** (1) : 16.

Type-species : *Leiosoma microcephala* Nicolet, 1855, (Polytypy).
France.

1. *G. palmicinctus* Pearce, 1906. *Journ. Roy. Micr. Soc.*, 269, Sikkim.

Family CARABODIDAE

Genus **Carabodes** Koch

Carabodes Koch, 1836. *Deutschlands Crustaceen, Myriapoden und Arachniden*, 3.

Type-species : *Carabodes coriaceus* Koch, 1836, (Polytypy).
German.

1. *C. peniculatus* Aoki, 1970. *Bull. natn. Sci. Mus., Tokyo*, 13 (3) : 417. Japan. Chakrabarti *et al.*, 1977. *Sci. & Cult.*, 43 (4) : 179. West Bengal.

Genus **Gymnobodes** Balogh

Gymnobodes Balogh, 1965. *Acta Zool. Acad. Sci. Hung.*, 11 : 59.

Type-species : *Carabodes fraterculus* Balogh, 1963, (Polytypy).
Congo.

1. Undetermined sp. Mishra *et al.*, 1980. *Sci. & Cult.*, 46 : 226. Orissa.

Genus **Neocarabodes**

Neocarabodes Balogh and Mahunka, 1969. *Acta Zool. Acad. Sci. Hung.*, 15 : 8.

Type-species : *Neocarabodes sexpilosus* Balogh and Mahunka,
1969, (Polytypy). South America.

1. *N. sexpilosus* Balogh and Mahunka, 1969. *Acta Zool. Acad. Sci. Hung.*, 15 : 8. South America. Mondal and Chakrabarti, 1982 *Indian J. Acar.*, 7 (2) : 83. West Bengal.

Family TECTOCEPHEIDAE

Genus **Tectocephus** Berlese

Tectocephus Berlese, 1913. *Redia*, 9 : 91.

Type-species : *Tegeocranus velatus* Michael, 1880, (Polytypy). U.K.

1. *T. latimellaris* Kardar, 1974. *Oriental Invs.*, 8 (1) : 51. Uttar Pradesh.

2. *T sarekensis* Tragardh, 1910. *Naturw. Unters Sarekgeb. in Schw.—Lappland*, **4** : 567. Europe. Bhattacharya, 1979. *J. Res. Visva-Bharati*, **3** (2) : 22. West Bengal. Bhattacharya *et al.*, 1981. *J. Soil Biol. Ecol.*, **1** : 33. West Bengal. Joy and Bhattacharya, 1981. *Progress in Soil Biology and Ecology in India* (ed. G. K. Veeresh), *UAS Tech. Series No. 37* : 102. West Bengal.
3. *T translamellaris* Kardar, 1974. *Oriental Ins.*, **8** (1) : 51. Uttar Pradesh.
4. *T velatus* (Michael, 1888). *Ray. Soc.*, **65**. U.K. Banerjee, 1974a. *Acta Arachnol.*, **25** (2) : 69. West Bengal. Chakrabarti *et al.*, 1979. *Acarology News letter*, **8** : 4. West Bengal. Chakrabarti and Mondal, 1981. *Sci. & Cult.*, **47** (5) : 182, West Bengal. Choudhuri and Banerjee, 1975. *Oriental Ins.*, **9** (3) : 314. West Bengal. Choudhuri and Banerjee, 1977. The University of Burdwan Publication. 12. West Bengal. Mishra *et al.*, 1980. *Sci. & Cult.*, **46** : 226. Orissa. Pearce, 1906. *Journ. Roy. Micr. Soc.*, 270. Sikkim.
5. Undetermined sp. Bhattacharya *et al.*, 1980. *News Letter, Soil Biology and Ecology*, **1** (2) : 17. West Bengal. Prasad, 1965. *Sci. & Cult.*, **31** (9) : 496. Bihar.

Genus *Tegeocranellus* Berlese

Tegeocranellus Berlese, 1913. *Redia*, **9** : 93.

Type-species : *Tegeocranus laevis* Berlese, 1905, (Polytypy). Italy.

1. Undetermined sp. Mishra *et al.*, 1980. *Sci. & Cult.*, **46** : 226. Orissa.

Family OTOCEPHEIDAE

Genus *Dolicheremaeus* Jacot

Dolicheremaeus Jacot, 1938. *Florida Ent.*, **21** (4) : 51.

Type-species : *Dolicheremaeus rubripedes* Jacot, 1938, (Polytypy). U.S.A.

1. *D. bruneiensis* Aoki, 1967a. *Bull. natn. Sci. Mus. Tokyo*, **10** : 342. Borneo. Chakrabarti and Roy Talukdar, 1979. *Sci. & Cult.*, **45** (2) : 81. Assam.

2. *D. coronarius* Chakrabarti *et al.*, 1981. *Mitt. Zool. Mus. Berlin*, **57** (1) : 15. West Bengal.
3. *D. himalayensis* Chakrabarti *et al.*, 1981. *Mitt. Zool. Mus. Berlin*, **57** (1) : 15. West Bengal.
4. *D. indicus* Haq, 1978a. *Soil Biology and Ecology in India* (eds. Edwards & Veeresh), *UAS Tech. Series No. 22* : 131. Kerala.
5. *D. nepalensis* Aoki, 1967a. *Bull. natn. Sci. Mus., Tokyo*, **10** : 329. Nepal. Chakrabarti *et al.*, 1979. *Acarology News Letter*, **8** : 4. West Bengal.

Genus *Pseudotocepheus* Balogh

Pseudotocepheus Balogh, 1960. *Mem. Inst. Sci. Madagascar*, **14A** : 23.

Type-species : *Pseudotocepheus pauliani* Balogh, 1960, (Polytypy).
Madagascar.

1. *P. gobletus* Chakrabarti and Mondal, 1978. *Indian J. Acar.*, **3** (1) : 47. West Bengal.
2. *P. hammerae* Chakrabarti and Kundu, 1978. *Indian J. Acar.*, **3** (1) : 43. West Bengal.

Family OPPIIDAE

Genus *Amerioppia* Hammer

Amerioppia Hammer, 1961. *Biol. Skr. Dan. Vid. Selsk.*, **13** (1) : 54.

Type-species : *Amerioppia rudentigera* Hammer, 1961, (Polytypy).
Peru.

1. *A. chavinensis* Hammer, 1961. *Biol. Skr. Dan. Vid., Selsk.*, **13** (1) : 59. Peru. Mondal and Chakrabarti, 1982. *Indian J. Acar.*, **7** (2) : 83. West Bengal.

Genus *Brachioppia* Hammer

Brachioppia Hammer, 1961. *Biol. Skr. Dan. Vid. Selsk.*, **13** (1) : 51.

Type-species : *Brachioppia cuscensis* Hammer, 1961, (Polytypy).
Peru.

1. *B. cviscensis* Hammer, 1961. *Biol. Skr. Dan. Vid. Selsk.*, **13** (1) : 51. South America. Chakrabarti *et al.*, 1977. *Sci. & Cult.*, **43** (4) : 179. West Bengal.
2. Undetermined sp. Bhattacharya, 1979. *J. Res. Visva-Bharati*, **3** (2) : 22. West Bengal. Bhattacharya *et al.*, 1980. *Tropical Ecology & Development*, 983. West Bengal. Bhattacharya *et al.*, 1981. *J. Soil Biol. Ecol.*, **1** : 33. West Bengal. Joy and Bhattacharya, 1981. *Progress in Soil Biology and Ecology in India* (ed. G. K. Veeresh), *UAS Tech. Series No. 37*, 102. West Bengal.

Genus *Lanceoppia* Hammer

Lanceoppia Hammer, 1962. *Biol. Skr. Dan. Vid. Selsk.*, **13** (2) : 42.

Type-species : *Lanceoppia hexapili*, Hammer, 1962, (Polytypy).
South America.

1. Undetermined sp. Bhattacharya *et al.*, 1980. *Tropical Ecology & Development*, 983. West Bengal. Joy and Bhattacharya, 1981. *Progress in Soil Biology and Ecology in India* (ed. G. K. Veeresh), *UAS Tech. Series No. 37* : 102. West Bengal.

Genus *Multioppia* Hammer

Multioppia Hammer, 1961. *Biol. Skr. Dan. Vid. Selsk.*, **13** (1) : 61.

Type-species : *Multioppia radiata* Hammer, 1961, (Polytypy).
South America.

1. *M. indica* Haq. 1978a. *Soil Biology and Ecology in India* (eds. Edwards & Veeresh), *UAS Tech. Series No. 22* : 127. Kerala.
2. *M. radiata* Hammer, 1961. *Biol. Skr. Dan. Vid. Selsk.*, **13** (1) : 62. South America. Ghatak and Roy, 1981. *Contributions to Acarology in India* (ed. G. P. ChannaBasavanna), **25**. West Bengal.
3. *M. stellifera* Hammer, 1961. *Biol. Skr. Dan. Vid. Selsk.*, **13** (1) : 63. South America. Chakrabarti *et al.*, 1977. *Sci. & Cult.*, **43** (4) : 179. West Bengal. Bhattacharya, 1979. *J. Res. Visva-Bharati*, **3** (2) : 22. West Bengal.

4. Undetermined sp. Bhattacharya *et al.*, 1981. *J. Soil Biol. Ecol.*, **1** : 33. West Bengal. Joy and Bhattacharya, 1981. *Progress in Soil Biology and Ecology in India* (ed. G. K. Veeresh), *UAS Tech. Series No. 37* : 102. West Bengal. Mishra *et al.*, 1980. *Sci. & Cult.*, **46** : 226. Orissa.

Genus *Oppia* Koch

Oppia Koch, 1836. *Deutschlands Crustaceen, Myriapoden und Arachniden*, **1—9**.

Type-species : *Oppia nitens* Koch, 1836, (Polytypy). German

1. *O. aligarhiensis* Kardar, 1976a. *Indian J. Acar.*, **1 & 2** : 7. Uttar Pradesh.
2. *O. almellata* Kardar, 1976a. *Indian J. Acar.*, **1 & 2** : 8. Uttar Pradesh.
3. *O. nodosa* Hammer, 1958, *Biol. Skr. Dan. Vid. Selsk.*, **10** (1) : 54. Argentina. Bhattacharya, 1979. *J. Res. Visva-Bharati*, **3** (2) : 22. West Bengal. Bhattacharya and Joy, 1980. *Soil Biology as related to Land use Practices* (ed. D. L. Dindal), 112. West Bengal. Bhattacharya *et al.*, 1981. *J. Soil Biol. Ecol.*, **1** : 33. West Bengal. Joy and Bhattacharya, 1981. *Progress in Soil Biology and Ecology in India* (ed. G. K. Veeresh), *UAS Tech. Series No. 37* : 102. West Bengal.
4. *O. samadi* Kardar, 1976a. *Indian J. Acar.*, **1 & 2** : 6. Uttar Pradesh.
5. *O. sensiclavata* Kardar, 1976a. *Indian J. Acar.*, **1 & 2** : 8. Uttar Pradesh.
6. *O. yodai* Aoki, 1965a. *Nat. Life Southeast Asia*, **4** : 169. Thailand. Banerjee, 1974a. *Acta Arachnol.*, **25** (2) : 69. West Bengal. Chakrabarti *et al.*, 1977. *Sci. & Cult.*, **43** (4) : 180. West Bengal. Chakrabarti *et al.*, 1979. *Acarology News. Letter*, **8** : 4. West Bengal. Chakrabarti and Roy Talukdar, 1979. *Sci. & Cult.*, **45** (2) : 81. Assam. Choudhuri and Banerjee, 1975. *Oriental Ins.*, **9** (3) : 314. West Bengal. Choudhuri and Banerjee, 1977. The University of Burdwan Publication, 9. West Bengal. Sanyal, 1981b. *Bull. zool. Surv. India*, **4** (3) : 296. West Bengal.

7. Undetermined sp. Bhaduri and Raychaudhuri, 1967. *Sci. & Cult.*, **33** : 450. West Bengal. Bhattacharya *et al.*, 1980. *Tropical Ecology & Development*, 983. West Bengal. Bhattacharya *et al.*, 1981. *J. Soil Biol. Ecol.*, **1** : 33. West Bengal. Joy and Bhattacharya, 1981. *Progress in Soil Biology and Ecology in India* (ed. G. K. Veeresh), *UAS Tech. Series No. 37* : 102. West Bengal. Mishra *et al.*, 1980. *Sci. & Cult.*, **46** : 226. Orissa. Prasad, 1965. *Sci. & Cult.*, **31** (9) : 496. Bihar. Sanyal and Bhaduri, 1982. *Proc. Symp. Ecol. Anim. Popul. zool. Surv. India*, pt. 3 : 120. West Bengal. Singh and Mukherjee, 1971. *Oriental Ins.*, **5** (4) : 489. Uttar Pradesh. Singh and Pillai, 1975. *Rev. Ecol. Biol. Sol.*, **12** (3) : 582. Uttar Pradesh. Singh and Pillai, 1981. *J. Soil Biol. Ecol.*, **1** : 2, Uttar Pradesh.

Genus *Paroppia* Hammer

Paroppia Hammer, 1968. *Biol. Skr. Dan. Vid. Selsk.*, **16** (2) : 19.

Type-species : *Paroppia lebruni* Hammer, 1968, (Polytypy).
New Zealand.

1. Undetermined sp. Bhattacharya and Joy, 1980. *Soil Biology as related to land use practices* (ed. D. L. Dindal), 112. West Bengal. Bhattacharya *et al.*, 1981. *J. Soil Biol. Ecol.*, **1** : 33. West Bengal.

Genus *Porrhoppia* Balogh

Porrhoppia Balogh, 1970. *Opusc. Zool. Bpest.*, **10** : 50.

Type-species : *Porrhoppia crux* Balogh, 1970, (Polytypy). Ceylon.

1. Undetermined sp. Mishra *et al.*, 1980. *Sci. & Cult.*, **46** : 226. Orissa.

Genus *Ramusella* Hammer

Ramusella Hammer, 1962. *Biol. Skr. Dan. Vid. Selsk.*, **13** (2) : 50.

Type species : *Ramusella puertomontensis* Hammer, 1962,
(Polytypy). South America.

1. Undetermined sp. Bhattacharya *et al.*, 1980. *News Letter, Soil Biology and Ecology*, **1** (2) : 17. West Bengal. Bhattacharya and Bhattacharya, 1981. *Journal of the IPHE India*, No. 3 : 53.

West Bengal. Joy and Bhattacharya, 1981. *Progress in Soil Biology and Ecology in India* (ed. G. K. Veeresh), *UAS Tech Series No. 37* : 102. West Bengal.

Genus **Solenoppia** Hammer

Solenoppia Hammer, 1958. *Biol. Skr. Dan. Vid. Selsk.*, **16** (2) : 20.

Type-species : *Solenoppia grandjeani* Hammer, 1968, (Polytypy).
New Zealand.

1. Undetermined sp. Bhattacharya *et al.*, 1981. *J. Soil Biol. Ecol.*, **1** : 33. West Bengal.

Genus **Striatoppia** Balogh

Striatoppia Balogh, 1958. *Rev. Zool. Bot. Afr.*, **58** (1-2) : 16.

Type-species : *Striatoppia machadoi* Balogh, 1958, (Polytypy).
Africa.

1. *S. machadoi* Balogh, 1958. *Rev. Zool. Bot. Afr.*, **58** (1-2) : 16. Africa. Chakrabarti *et al.*, 1973. *Sci. & Cult.*, **39** (8) : 365. West Bengal.
2. *S. niliaca* (Popp, 1960). *Bull. Soc. ent. Egypte*, **44** : 215. Egypt. Chakrabarti *et al.*, 1973. *Sci. & Cult.*, **39** (8) : 365. West Bengal.

Family SUCTOBELBIDAE

Genus **Suctobelba** Paoli

Suctobelba Paoli, 1908. *Redia*, **5** (1) : 72.

Type-species : *Notaspis trigona* Michael, 1888, (Polytypy). U.K.

1. *S. dentata* (Hammer, 1961); *Biol. Skr. Dan. Vid. Selsk.*, **13** (1) : 46. South America. Chakrabarti *et al.*, 1973. *Sci. & Cult.*, **39** (8) : 366. West Bengal.
2. *S. elegantula* Hammer, 1958. *Biol. Skr. Dan. Vid. Selsk.*, **10** (1) : 48. Argentina. Bhattacharya, 1979, *J. Res. Visva-Bharati*, **3** (2) : 22. West Bengal. Chakrabarti *et al.*, 1973. *Sci. & Cult.*, **39** (8) : 366. West Bengal. Joy and Bhattacharya, 1981. *Progress in Soil Biology and Ecology in India* (ed. G. K. Veeresh), *UAS Tech, Series No. 37* : 102. West Bengal.

3. *S. ponticulus* Hammer, 1971. *Biol. Skr. Dan. Vid. Selsk.*, **16** (6) : 19. Fiji Islands. Chakrabarti *et al.*, 1977. *Sci. & Cult.*, **43** (4) : 180. West Bengal.
4. *S. semiplumosa indica* Haq, 1978a. *Soil Biology and Ecology in India* (eds. Edwards & Veeresh), *UAS Tech. Series No.* **22** : 130. Kerala.
5. *S. subcornigera* Foersslund, 1941. *Zool. Bidr. Uppsala*, **20** : 392. Sweden. Chakrabarti and Mondal, 1981. *Sci. & Cult.* **47** (5) : 182. West Bengal.
6. *S. quadricarina* Hammer, 1958. *Biol. Skr. Dan. Vid. Selsk.*, **10** (1) : 43. Argentina. Chakrabarti *et al.*, 1977. *Sci. & Cult.*, **43** (4) : 180. West Bengal.
7. *S. variosetosa* Hammer, 1961. *Biol. Skr. Dan. Vid. Selsk.*, **13** (1) : 51. South America. Chakrabarti *et al.*, 1977. *Sci. & Cult.*, **43** (4) : 180. West Bengal.

Genus *Suctobelbella* Jacot

Suctobelbella Jacot, 1937. *J.N.Y. ent. Soc.*, **45** : 361.

Type-species : *Suctobelbella serratirostrum* Jacot, 1937,
(Polytypy). USA.

1. *S. nondivisa* (Hammer, 1966). *Biol. Skr. Dan. Vid. Selsk.*, **15** (2) : 54. New Zealand. Mondal and Chakrabarti, 1982. *Indian J. Acar.*, **7** (2) : 79. West Bengal.
2. Undetermined sp. Bhattacharya *et al.*, 1981. *J. Soil Biol. Ecol.*, **1** : 33. West Bengal.

Family EREMELLIDAE

Genus *Eremella* Berlese

Eremella Berlese, 1913. *Redia*, **9** : 96.

Type-species : *Eremella vestita* Berlese, 1913, (Polytypy). Java.

1. Undetermined sp. Mishra *et al.*, 1980. *Sci. & Cult.*, **46** : 226. Orissa.

Family THYRISOMIDAE

Genus **Oribella** Berlese

Oribella Berlese, 1908. *Redia*, **5** : 9.

Type-species : *Notaspis pectinata* Michael, 1885, (Polytypy). U.K.

1. Undetermined sp. (nymph). Bhattacharya *et al.*, 1980. *News Letter, Soil Biology and Ecology*, **1** (2) : 17. West Bengal

Family HYDROZETIDAE

Genus **Hydrozetes** Berlese

Hydrozetes Berlese, 1902. *Zool. Anz.*, **25** : 698.

Type-species : *Notaspis lacustris* Michael, 1882, (Polytypy). U.K.

1. Undetermined sp. Mishra *et al.*, 1980. *Sci. & Cult.*, **46** : 226. Orissa.

Family CYMBAEREMEIDAE

Genus **Cymbaeremaeus** Berlese

Cymbaeremaeus Berlese, 1896. *Acari, Myriapoda et Scorpiones hucusque in Italia reperta*, **78** : 54.

Type-species : *Eremaeus cymba* Nicolet, 1855, (Polytypy). Europe.

1. *C. cymba* Pearce, 1906. *Journ. Roy. Micr. Soc.*, 270. Sikkim.

Genus **Scapheremaeus** Berlese

Scapheremaeus Berlese, 1910. *Redia*, **6** : 226.

Type-species : *Cymbaeremaeus* (*Scapheremaeus*) *patella* Berlese, 1910, (Polytypy). Italy.

1. *S. fisheri* Aoki, 1966. *Pacific Ins.*, **8** (3) : 772. Midway Island. Chakrabarti and Bhaduri, 1972. *Sci & Cult.*, **38** (11) : 500. West Bengal.
2. Undetermined sp. Bhattacharya and Bhattacharya, 1981. *Journal of the IPHE India*, No. 3 : 53. West Bengal. Bhattacharya *et al.*, 1981. *J. Soil Biol. Ecol.*, **1** : 33. West Bengal.

Family SCUTOVERTICIDAE

Genus **Scutovertex** Michael

Scutovertex Michael, 1897. *Journ. Roy. Micr. Soc.*, **2** : 242.

Type-species : *Scutovertex sculptus* Michael, 1879, (Polytypy).
England.

1. Undetermined sp. Mishra *et al.*, 1980. *Sci. & Cult.*, **46** : 226.
Orissa.

Family CHAUNOPROCTIDAE

Genus **Caloppia** Balogh

Caloppia Balogh, 1958. *Rev. Zool. Bot. Afr.*, **58** (1-2) : 10.

Type-species : *Caloppia basilewskyi* Balogh, 1958, (Polytypy).
Belgian Congo.

1. Undetermined sp. Mishra *et al.*, 1980. *Sci. & Cult.*, **46** : 227.
Orissa.

Genus **Chaunoproctus** Pearce

Chaunoproctus Pearce, 1906. *Journ. Roy. Micr. Soc.*, 271.

Type-species : *Chaunoproctus cancellatus* Pearce, 1906, (Polytypy).
Sikkim.

1. *C. abalai* Bhaduri *et al.*, 1975. *Mitt. Zool. Mus. Berlin*, **51** (1) : 59. West Bengal. Choudhuri and Banerjee, 1977. The University of Burdwan Publication, 9. West Bengal.
2. *C. asperulus* Pearce, 1906. *Journ. Roy. Micr. Soc.*, 271. Sikkim.
3. *C. cancellatus* Pearce, 1906. *Journ. Roy. Micr. Soc.*, 271. Sikkim.
4. *C. clavisetosus* Bhaduri *et al.*, 1975. *Mitt. Zool. Mus. Berlin*, **51** (1) : 60. West Bengal. Bhattacharya, 1979. *J Res. Visya-Bharati*, **3** (2) : 22. West Bengal. Bhattacharya *et al.*, 1980. *Tropical Ecology & Development*, 983. West Bengal. Choudhuri & Banerjee 1977. The University of Burdwan Publication, 13. West Bengal.

5. *C. longisetosus* Dhali and Bhaduri, 1980. *Indian J. Acar.*, 5 : 53. Sikkim.

Family ORIBATULIDAE

Genus *Eporibatula* Sellnick

Eporibatula Sellnick, 1928. *Tierwelt Mitteleurop*, 3 : 17.

Type-species : *Eremaeus rauschenensis* Sellnick, 1909, (Polytypy). German.

1. Undetermined sp. Bhattacharya, 1979. *J. Res. Visva-Bharati*, 3 (2) : 22. West Bengal. Bhattacharya and Joy, 1980. *Soil Biology as related to land use practices* (ed. D. L. Dindal), 112 West Bengal. Bhattacharya *et al.*, 1980. *Tropical Ecology & Development*, 983. West Bengal. Joy and Bhattacharya, 1981. *Progress in Soil Biology and Ecology in India* (ed. G. K. Veeresh), *UAS Tech. series No. 37* : 102. West Bengal.

Genus *Euscheloribates* Kunst

Euscheloribates Kunst, 1958. *Acta Soc. Ent. Cech.*, 55 : 67.

Type-species : *Euscheloribates samsinaki* Kunst, 1958, (Polytypy). Czechoslovakia.

1. Undetermined sp. Sanyal, 1981a., *Progress in Soil Biology and Ecology in India* (ed. G. K. Veeresh), *UAS Tech. Series No. 37* : 109. West Bengal.

Genus *Liebstadia* Oudemans

Liebstadia Oudemans, 1906. *Ent. Ber. Nederland*, 2 : 99.

Type-species : *Notaspis similis* Michael, 1888, (Polytypy). U.K.

1. *L. similis* (Michael, 1888). *Ray. Soc.*, 65. U. K. Pearce, 1906. *Journ. Roy. Micr. Soc.*, 270. Sikkim.

Genus *Lucoppia* Berlese

Lucoppia Berlese, 1908. *Redia*, 5 : 8.

Type-species : *Zetes lucorum* Koch, 1840, (Polytypy). German.

1. *L. alata* var. *major* Pearce, 1906. *Journ. Roy. Micr. Soc.*, 269. Sikkim.

2. *L. fallax* Pearce, 1906. *Journ. Roy. Micr. Soc.*, 270. Sikkim
3. *L. ovalis* Nicolet, 1855. *Arch. Mus. Hist. Nat. Paris*, 7 : 401. France.
Pearce, 1906. *Journ. Roy. Micr. Soc.*, 269. Sikkim.

Genus *Oribatula* Berlese

Oribatula Berlese, 1896. *Acari, Myriapoda et Scorpiones hucusque in Italia reperta*, 79.

Type-species : *Notaspis tibialis* Nicolet, 1855, (Polytypy). France.

1. *O. tibialis* (Nicolet, 1855). *Arch. Mus. Hist. Nat. Paris*, 7 : 420. France. Pearce, 1906. *Journ. Roy. Micr. Soc.*, 270. Sikkim. Bhattacharya *et al.*, 1980. *Tropical Ecology & Development* 983. West Bengal.
2. Undetermined sp. Bhattacharya *et al.*, 1981. *J. Soil Biol. Ecol.* 1 : 33. West Bengal. Joy and Bhattacharya, 1981. *Progress in Soil Biology and Ecology in India* (ed. G. K. Veeresh), *UAS Tech., Series No. 37* : 102. West Bengal. Singh and Pillai, 1975. *Rev. Ecol. Biol. Sol.* 12 (3) : 582. Uttar Pradesh.

Genus *Scheloribates* Berlese

Scheloribates Berlese, 1908. *Redia*, 5 : 2.

Type-species : *Zetes latipes* Koch, 1844, (Polytypy). German.

1. *S. albialatus* Hammer, 1961. *Biol. Skr. Dan. Vid. Selsk.*, 13 (1) : 94. South America. Banerjee and Roy, 1981. *Contributions to Acarology in India* (ed. G. P. ChannaBasavanna), 29. West Bengal. Bhattacharya, 1979. *J. Res. Visva-Bharati*, 3 (2) : 22. West Bengal. Bhattacharya and Joy, 1980. *Soil Biology as related to Land use practices* (ed. D. L. Dindal), 112. West Bengal. Bhattacharya *et al.*, 1980. *Tropical Ecology & Development*, 983. West Bengal. Choudhuri and Banerjee, 1975. *Oriental Ins.*, 9 (3) : 314. West Bengal. Ghatak and Ray, 1981. *Contributions to Acarology in India* (ed. G. P. ChannaBasavanna), 25. West Bengal. Joy and Bhattacharya, 1981. *Progress in Soil Biology and Ecology in India* (ed. G. K. Veeresh), *UAS Tech. Series No. 37* : 102. West Bengal.
2. *S. baloghi* Kardar, 1976b. *Indian J. Acar.*, 1 & 2 : 40; Uttar Pradesh.

3. *S. bicuspidatus* Kardar, 1976b. *Indian J. Acra.*, **1 & 2** : 38, Uttar Pradesh.
4. *S. chauhani* Baker, 1945. *Journ. Wash. Acad. Sci.*, **35** : 386. Uttar Pradesh.
5. *S. huancayensis* Hammer, 1961. *Biol. Skr. Dan. Vid. Selsk.*, **13** (1) : 94. South America. Chakrabarti and Roy Talukdar, 1979. *Sci. & Cult.*, **45** (2) : 81. Assam. Chakrabarti and Mondal, 1981. *Sci. & Cult.* **47** (5) : 183. West Bengal.
6. *S. luevigatus* Koch, 1836. *Deutschlands Crustaceen, Myriapoden und Arachniden*, **1-9**. German. Narsapur, 1983. *Indian J. Acar.*, **8** (1) : 44. Maharashtra.
7. *S. madrasensis* Anantharaman, 1951. *Sci. & Cult.*, **17** (4) : 155. Tamil Nadu.
8. *S. natalensis* Pletzen, 1963. *Acarologia*, **5** (4) : 700. Africa. Sanyal, 1982. *J. Soil Biol. Ecol.*, **2** (1) : 10. West Bengal. Sanyal and Sarkar, 1983. *Indian J. Acar.*, **8** (1) : 33. West Bengal
9. *S. parvus* Pletzen, 1963. *Acarologia*, **5** (4) : 701. Africa. Chakrabarti and Roy Talukdar, 1979. *Sci. & Cult.*, **45** (2) : 81. Assam.
10. *S. praeincisus* (Berlese, 1910). *Redia*, **6** : 384. Java. Bhattacharya *et al.*, 1981. *J. Soil Biol. Ecol.*, **1** : 33. West Bengal.
11. *S. rectus* Hammer, 1958. *Biol. Skr. Dan. Vid. Selsk.*, **10** (1) : 77. Argentina. Chakrabarti *et al.*, *Acarology News Letter*, **8** : 8. West Bengal. Chakrabarti and Mondal, 1981. *Sci. & Cult.*, **47** (5) : 183. West Bengal.
12. *S. rufafulvus* Kardar, 1976b. *Indian J. Acar.*, **1 & 2** : 40. Uttar Pradesh.
13. *S. saswatii* Dhali and Bhaduri, 1980. *Indian J. Acar.*, **5** : 52. Sikkim.
14. *S. sikkimensis* Dhali and Bhaduri, 1980. *Indian J. Acar.*, **5** : 50. Sikkim.
15. *S. thermophilus* Hammer, 1961. *Biol. Skr. Dan. Vid. Selsk.*, **13** (1) : 95, South America. Banerjee, 1974b. *Acta Arachnol.*,

- 26 (1) : 48. West Bengal. Choudhuri and Banerjee, 1977. The University of Burdwan Publication, 9. West Bengal.
16. *S. translamellaris* Kardar, 1976b. *Indian J. Acar.*, **1 & 2** : 39. Uttar Pradesh.
17. *S. zealandicus* Hammer, 1967. *Biol. Skr. Dan. Vid. Selsk.*, **15** (4) : 40. New Zealand. Venugopala Rao *et al.*, 1982. *IRRN*, **7** : 11. Andhra Pradesh.
18. Undetermined sp. Banerjee, 1972. *Journ. Indian Soc. Soil Sci.*, **20** : 405. West Bengal. Banerjee, 1974a. *Acta Arachnol.*, **25** (2) : 69. West Bengal. Bhattacharya and Bhattacharya, 1981. *Journal of the IPHE India*, No 3 : 53. West Bengal. Bhattacharya *et al.*, 1980. *News Letter, Soil Biology and Ecology*, **1** (2) : 17. West Bengal. Chakrabarti and Roy Talukdar, 1981. *Contributions to Acarology in India* (ed. G. P. ChannaBasavanna), Assam. Mishra *et al.*, 1980. *Sci. & Cult.*, **46** : 227. Orissa. Sanyal, 1981. *Progress in Soil Biology and Ecology in India* (ed. G. K. Veeresh), *UAS Tech. Series No. 37* : 109. West Bengal. Sanyal and Bhaduri, 1982. *Proc. Symp. Ecol. Anim. Popul. zool. Surv. India*, pt. 3 : 120. West Bengal. Singh and Mukherjee, 1971. *Oriental Ins.*, **5** (4) : 489. Uttar Pradesh, Singh and Mahajan, 1981. *Contributions to Acarology in India* (ed. G. P. ChannaBasavanna), 158. Uttar Pradesh. Singh and Pillai, 1975. *Rev. Ecol. Biol. Sol.*, **12** (3) : 582. Uttar Pradesh. Singh and Pillai, 1981. *J. Soil Biol. Ecol.*, **1** : 14. Uttar Pradesh.

Genus *Zygoribatula* Berlese

Zygoribatula Berlese, 1917. *Documents scientifiques*, **5**.

Type-species : *Oribatula convexa* Berlese, 1904, (Polytypy). Italy.

1. *Z. longiporosa* Hammer, 1953. *Australian Journal of Zoology*, **1** (2) : 236. Australia. Bhattacharya *et al.*, 1980. *News Letter, Soil Biology and Ecology*, **1** (2) : 17. West Bengal.
2. Undetermined sp. Mishra *et al.*, 1980. *Sci. & Cult.*, **46** : 227. Orissa.

Family HAPLOZETIDAE

Genus **Haplozetes** Willmann

Haplozetes Willmann, 1935. *Zool. Jahrb., Syst.*, **66** : 333.

Type-species : *Haplozetes vindobonensis* Willmann, 1935,
(Polytypy). Kerala.

1. Undetermined sp. Sanyal, 1981a. *Progress in Soil Biology and Ecology in India* (ed. G. K. Veeresh), *UAS Tech. Series No. 37* : 109. West Bengal.

Genus **Pelokylla**

Pelokylla Adolph and Haq, 1982. *Entomon*, **7** (4) : 451.

Type-species : *Pelokylla malabarica* Adolph and Haq, 1982.
(Monotypy). Kerala.

1. *P. malabarica* Adolph and Haq, 1982. *Entomon*, **7** (4) : 451.
Kerala.

Genus **Peloribates** Berlese

Peloribates Berlese, 1908. *Redia*, **5** : 3.

Type-species : *Oribata peloptoides* Berlese, 1888, (Polytypy). Italy.

1. Undetermined sp. Mishra *et al.*, 1980. *Sci. & Cult.*, **46** : 227.
Orissa. Singh and Mukherjee, 1971. *Oriental Ins.*, **5** (4) :
489. Uttar Pradesh.

Genus **Pilobatella** Balogh and Mahunka

Pilobatella Balogh and Mahunka, 1967. *Opusc. Zool. Bpest*, **7** : 40.

Type-species : *Pilobatella punctulata* Balogh and Mahunka, 1967,
(Polytypy). Brazzaville-Congo.

1. *P. berlesei* Bhattacharya and Banerjee, 1979. *Indian J. Acar.*, **4**
(1) : 21. West Bengal. Bhattacharya *et al.*, 1980. *Tropical Ecology & Development*, 983. West Bengal. Bhattacharya *et al.*, 1981. *J. Soil Biol. Ecol.*, **1** : 33. West Bengal. Joy and Bhattacharya, 1981. *Progress in Soil Biology and Ecology in India* (ed. G. K. Veeresh), *UAS Tech. Series No. 37*. West Bengal.

2. Undetermined sp. Bhattacharya and Joy, 1980. *Soil Biology as related to land use practices* (ed. D. L. Dindal), 111. West Bengal.

Genus **Pilobates** Balogh

Pilobates Balogh, 1960. *Publ. Cult. Co. Diam. Ang. Lisboa*, **51** : 98.

Type-species : *Protoribates pilosellus* Balogh, 1958, (Polytypy).
Africa.

Bhattacharya, 1979. *J. Res. Vilsva-Bharati*, **3** (2) : 22. West Bengal.

1. Undetermined sp. Mishra *et al.*, 1980. *Sci. & Cult.*, **46** : 227. Orissa.

Genus **Protoribates** Berlese

Protoribates Berlese, 1908. *Redia*, **5** : 1.

Type-species : *Oribates dentatus* Berlese, 1883, (Polytypy). Italy.

1. Undetermined sp. Singh and Mukherjee, 1971. *Oriental Ins.*, **5** (4) : 489. Uttar Pradesh. Singh and Pillai, 1975. *Rev. Ecol. Biol. Sol.*, **12** (3) : 582. Uttar Pradesh. Singh and Pillai, 1981. *J. Soil Biol. Ecol.* **1** : 14. Uttar Pradesh.

Genus **Rostrozetes** Sellnick

Rostrozetes Sellnick, 1925. *Suppl. Ent. Berlin*, **11** : 84.

Type-species : *Rostrozetes foveolatus* Sellnick, 1925, (Polytypy).
Sumatra.

1. *R. foveolatus* Sellnick, 1925. *Suppl. Ent. Berlin*, **11** : 84. Sumatra. Chakrabarti and Bhaduri, 1972. *Sci. & Cult.*, **38** (11) : 500. West Bengal.
2. Undetermined sp. Mishra *et al.*, 1980. *Sci. & Cult.*, **46** : 227. Orissa.

Family CERATOZETIDAE

Genus **Ceratozetes** Berlese

Ceratozetes Berlese, 1908. *Redia*, **5** : 4.

Type-species : *Oribates gracilis* Michael, 1884, (Polytypy). U.K.

1. *C. gracilis* Michael, 1884. *Ray. Soc.*, **61** : 225. U. K. Mondal and Chakrabarti, 1982. *Indian J. Acar.*, **7** (2) : 84. West Bengal.

Genus **Hypozetes** Balogh

Hypozetes Balogh, 1959. *Acta Zool. Acad. Sci. Hung.*, **5** : 15.

Type-species : *Hypozetes imitator* Balogh, 1959, (Polytypy). Africa.

1. *H. bulgaricus* Jeleva, 1962. *Acta Zool. Acad. Sci. Hung.*, **8** : 290. Bulgaria. Mishra *et al.*, 1980. *Sci. & Cult.*, **46** : 227. Orissa.
2. *H. imitator* Balogh, 1959. *Acta Zool. Acad. Sci. Hung.*, **5** : 16. Africa. Chakrabarti *et al.*, 1973. *Sci. & Cult.*, **39** (8) : 366. West Bengal.
3. *H. laysanensis* Aoki, 1964. *Pacific Ins.*, **6** : 655. Layson Island, Hawaiian Island. Bhattacharya *et al.*, 1980. *News Letter, Soil Biology and Ecology*, **1** (2) : 17. West Bengal. Bhattacharya and Bhattacharya, 1981. *Journal of the IPHE India*, No. 3 : 53. West Bengal.
4. Undetermined sp. Bhattacharya and Bhattacharya, 1981. *Journal of the IPHE India*, No. 3 : 53. West Bengal.

Genus **Porozetes** Hammer

Porozetes Hammer, 1962. *Biol. Skr. Dan. Vid. Selsk.*, **13** (2) : 70.

Type-species : *Porozetes polygonalis* Hammer, 1962, (Polytypy). Chile.

1. Undetermined sp. Mishra *et al.*, 1980. *Sci. & Cult.*, **46** : 227. Orissa.

Family MYCOBATIDAE

Genus **Mycobates** Hull

Mycobates Hull, 1916. *Nat. Hist. Soc.*, **4** : 395.

Type-species : *Oribata parmeliæ* Michael, 1884, (Polytypy). U.K.

1. Undetermined sp. Singh and Pillai, 1975. *Rev. Ecol. Biol. Sol.*, **12** (3) : 582. Uttar Pradesh. Singh and Pillai, 1981. *J. Soil Biol. Ecol.*, **1** : 14. Uttar Pradesh.

Family MOCHLOZETIDAE

Genus *Podoribates* Berlese

Podoribates Berlese, 1908. *Redia*, **5** : 3.

Type-species : *Oribates longipes* Berlese, 1887, (Polytypy). Italy.

1. Undetermined sp. Chakrabarti *et al.*, 1973. *Sci. & Cult.*, **39** (8) : 366. West Bengal.

Genus *Unguizetes* Sellnick

Unguizetes Sellnick, 1925. *Treubia*, **6** : 473.

Type-species : *Unguizetes triplicatulus* Grandjean, 1960, (Polytypy). German.

1. *U. clavatus* Aoki, 1967b. *Nat. Life Southeast Asia*, **5** : 195. Japan.
Chakrabarti *et al.*, 1977. *Sci. & Cult.*, **43** (4) : 180. West Bengal.
2. Undetermined sp. Chakrabarti *et al.*, 1973. *Sci. & Cult.*, **39** (8) : 366. West Bengal.

Family PELOPIDAE

Genus *Eupelops* Ewing

Eupelops Ewing, 1917. *Ann. Ent. Soc. Amer.*, **10** : 126.

Type-species : *Pelops uraceus* Koch, 1840, (Polytypy). German.

1. *E. acromis* pearce, 1906. *Journ. Roy. Micr. Soc.*, 269. Sikkim.
- 1a. *E. acromis minor* Chakrabarti *et al.*, 1973. *Sci. & Cult.*, **39** (8) : 365. West Bengal.
2. *E. longisetosus* Chakrabarti and Mondal, 1981. *Sci. & Cult.*, **47** (5) : 181. West Bengal.

Family ORIBATELLIDAE

Genus *Lamellobates* Hammer

Lamellobates Hammer, 1958. *Biol. Skr. Dan. Vid. Selsk.*, **10** (1) : 100.

Type-species : *Lamellobates palustris*, Hammer, 1958, (Polytypy). Argentina.

1. *L. angolensis* Balogh, 1958. *Rev. Zool. Bot. Afr.*, **58** (1-2) : 28. Angola. Bhaduri and Raychaudhuri, 1968. *Oriental Ins.*, **2** (2) : 197. West Bengal. Mishra *et al.*, 1980. *Sci. & Cult.*, **46** : 226. Orissa.
2. *L. hauseri* Mahunka, 1977. *Rev. Suisse Zool.*, **84** (1) : 247. Malaysia. Bhattacharya *et al.*, 1981. *Progress in Soil Biology and Ecology in India* (ed. G. K. Veeresh), *UAS Tech. Series No. 37* : 102. West Bengal
3. *L. palustris* Hammer, 1958. *Biol. Skr. Dan. Vid. Selsk.*, **10** (1) : 100. Argentina. Bhaduri and Raychaudhuri, 1968. *Oriental Ins.*, **2** (2) : 197. West Bengal. Choudhuri and Banerjee, 1975. *Oriental Ins.*, **9** (3) : 314. West Bengal. Sanyal, 1981a. *Progress in Soil Biology and Ecology in India* (ed. G. K. Veeresh), *UAS Tech. Series No. 37* : 109. West Bengal. Sanyal, 1981b. *Bull. zool. Surv. India*, **4** (3) : 296. West Bengal. Sanyal, 1982. *J. Soil Biol. Ecol.*, **2** (1) : 10. West Bengal. Sanyal and Bhaduri, 1982. *Proc. Symp. Ecol. Anim. Popul. zool. Surv. India*, pt. 3 : 120. West Bengal. Sanyal and Sarkar, 1983. *Indian J. Acar.*, **8** (1) : 33. West Bengal.
4. Undetermined sp. Banerjee, 1974b. *Acta Arachnol.*, **26** (1) : 48. West Bengal. Bhaduri and Raychaudhuri, 1967. *Sci. & Cult.*, **33** : 450. West Bengal.

Genus **Paramellobates** Bhaduri & Raychaudhuri

Paramellobates Bhaduri and Raychaudhuri, 1968. *Oriental Ins.*, **2** (2) : 197.

Type-species : *Paramellobates bengalensis* Bhaduri and Raychaudhuri, 1968, (Polytypy). West Bengal.

1. *P. bengalensis* Bhaduri and Raychaudhuri, 1968. *Oriental Ins.*, **2**(2) : 197. West Bengal. Bhattacharya, 1979. *J. Res. Visva-Bharati*, **9** (2) : 22. West Bengal. Bhattacharya *et al.*, 1980. *Tropical Ecology & Development*, 983. West Bengal. Dhali and Bhaduri, 1980. *Indian J. Acar.*, **5** : 53. Sikkim. Joy and Bhattacharya, 1981. *Progress in Soil Biology and Ecology in India* (ed. G. K. Veeresh), *UAS Tech. Series No. 37* : 102. West Bengal. Mishra *et al.*, 1980. *Sci. & Cult.*, **46** : 227.
2. Undetermined sp. Bhattacharya *et al.*, 1980. *News Letter, Soil Biology and Ecology*, **1** (2) : 17. West Bengal.

Family GALUMNELLIDAE

Genus *Galumnella* Berlese

Galumnella Berlese, 1917. *Redia*, **12** : 58.

Type-species : *Galumnella paradoxa* Berlese, 1917, (Polytypy).
Italy.

1. *G. angustifrons* Haq and Prabhoo, 1976. *Entomon*, **1** (2) : 136.
Kerala.

Genus *Porogalumnella*

Porogalumnella Balogh, 1968. *Acta Zool. Acad. Sci. Hung.*, **14** : 274.

Type-species : *Porogalumnella quadriporosa* Balogh, 1968,
(Polytypy). New Guinea.

1. *P. setosa* Balkrishnan and Haq, 1982. *Indian J. Acar.*, **7** (1) : 20.
Kerala.

Family GALUMNIDAE

Genus *Galumna* Von Heyden

Galumna von Heyden, 1826. *Isis, Oken*, **18** : 611.

Type-species : *Notaspis alatus* Hermann, 1984, (Polytypy). German.

1. *G. crenata* Deb and Raychaudhuri, 1975. *Annot. Zool. Japan*, **48**
(3) : 167. West Bengal.
2. *G. flabellifera* Hammer, 1958. *Biol. Skr. Dan. Vid. Selsk.*, **10** (1) :
93. Argentina. Reddy *et al.*, 1978. *Soil Biology and Ecology
in India* (eds. Edwards & Veeresh), *UAS Tech. Series No.* **22** :
134. Rajasthan.
- 2a. *G. flabellifera orientalis* Aoki, 1965. *Nat. Life Southeast Asia*,
4 : 187. : Thailand. Deb and Raychaudhuri, 1975. *Annot.
Zool. Japan*. **48** (3) : 170. West Bengal. Haq and Adolph,
1980. *Indian J. Acar.*, **5** : 57. Kerala. Haq and Prabhoo,
1976. *Entomon*, **1** (2) : 136. Kerala.

3. *G. longipluma* Haq and Adolph, 1980. *Indian J. Acar.*, **5** : 57. Kerala.
4. *G. nilgiria* (Ewing, 1910). *Trans. Acad. Sci. St. Louis*, **19** : 118. Tamil Nadu. Jacot, 1933. *Rec. Ind. Mus., Calcutta*, **35** : 372. Tamil Nadu.
5. *G. parascaber* Deb and Raychaudhuri, 1975. *Annot. Zool. Japan*, **48** : 169. West Bengal.
6. *G. tessellata* (Ewing, 1910). *Trans. Acad. Sci. St. Louis*, **19** : 118. Tamil Nadu. Jacot, 1933. *Rec. Ind. Mus., Calcutta*, **35** : 371. Tamil Nadu.
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Genus *Leptogalumna* Balogh

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ADDENDUM

A total number of 38 species and subspecies distributed over 18 families and 27 genera are listed below. Of these 17 families, 18 genera and 4 species are already included in the book.

Family MESOPLOPHORIDAE

Genus *Apoplopora* Aoki

Apoplopora Aoki, 1980. *Proc. Jap. Soc. Syst. Zool.*, No. 18 : 5.

Type-species : *Apoplopora remota* Aoki, 1980, (Monotypy).
Japan.

1. *A. remota* Aoki, 1980. *Proc. Jap. Soc. Syst. Zool.*, No. 18 : 5.
Japan. Chakrabarti and Mondal, 1983. *Indian J. Acar.*, 8(1) :
40. West Bengal.

Family PHTHIRACARIDAE

Genus *Hoplophorella* Berlese

1. *H. pakistanensis* Hammer, 1977. *Biol. Skr. Dan. Vid. Selsk.*,
21(4) : 35. Pakistan. Chakrabarti and Mondal, 1983. *Indian
J. Acar.*, 8 (1) : 41. West Bengal.

Genus *Hoplophthiracarus* Jacot

1. *H. inenarrabilis* Niedbala, 1982. *Ann. Zool.*, 36(29) : 549. India.
2. *H. latior* Niedbala, 1982. *Ann. Zool.*, 36 (29) : 549. India.

Genus *Neophthiracarus* Balogh & Csiszar

Neophthiracarus Balogh and Csiszar, 1963. *Ann. Hist.—natn. Mus. Hung.*,
55 : 467.

Type-species : *Neophthiracarus insignis* Balogh and Csiszar, 1963,
(Polytypy). Argentina.

1. *N. villosus* Niedbala, 1982. *Ann. Zool.*, 36 (29) : 549. India.

Genus **Phthiracarus** Perty

Phthiracarus Perty, 1841. Allgemeine Naturgeschichte, als Philosophische und Humanitätswissenschaft für Naturforscher, Philosophen und das höher gebildete Publikum, 3 : 874.

Type-species : *Hoplophora laevigata* Koch, 1841, (Polytypy).
German.

1. *P. paraglobosus* Niedbala, 1982. *Ann. Zool.*, 36 (29) : 549. India.

Family HYPOCHTHONIIDAE

Genus **Eohypochthonius** Jacot

1. *E. gracilis* Jacot, 1938. *J. Elisha Mitchel Sci. Soc.*, 54 : 133. U.S.A.
Roy Talukdar and Chakrabarti, 1984. *Indian J. Acar.*, 9 (1 & 2) : 29. Assam.

Genus **Malacoangelia** Berlese

1. *M. assamica* Roy Talukdar and Chakrabarti, 1984. *Indian J. Acar.*, 9 (1 & 2) : 29. Assam.
2. *M. similis* Sarkar and Subias, 1982. *Eos*, 58 (1-4) : 311. Tripura.

Family COSMOCHTHONIIDAE

Genus **Cosmochthonius** Berlese

1. *C. assamensis* Roy Talukdar and Chakrabarti, 1984. *Indian J. Acar.*, 9 (1 & 2) : 29. Assam.
2. *C. lanatus diversiseta* Sarkar and Subias, 1982. *Eos*, 58 (1-4) 413. Tripura.

Family HAPLOCHTHONIIDAE

Genus **Haplochthonius** Willmann

1. *H. clavatus* (Hammer, 1958). *Biol. Skr. Dan. Vid. Selsk.*, 10 (1) : 23. Argentina, Sarkar and Subias, 1982. *Eos*, 58 (1-4) : 314. Tripura.

Family LOHMANIIDAE

Genus *Haplacarus* Wallwork

1. *H. joliatatus* Wallwork, 1962. *Acarologia*, **4** : 465. Ghana. Chakrabarti and Mondal, 1983. *Indian J. Acar.*, **8**(1) : 41. West Bengal.
2. *H. keralensis* Haq, Mubarak and Ramani, 1983. *Indian J. Acar.*, **8** (2) : 87. Kerala.

Genus *Lepidacarus* Csiszar

1. *L. ornatissimus rehmabia*, Haq, Mubarak and Ramani, 1983. *Indian J. Acar.*, **8** (2) : 87. Kerala.

Family EPILOHMANNIIDAE

Genus *Epilohmannia* Berlese

1. *E. pallida areolata* Sarkar and Subias, 1982. *Eos*, **58** (1-4) : 315. Tripura.
2. *E. p. rugosa* Sarkar and Subias, 1982. *Eos*, **58** (1-4) : 315. Tripura

Family TRHYPOCHTHONIIDAE

Genus *Allonothrus* Hammen

1. *A. pararusseolus* Subias and Sarkar, 1982. *Redia*, **65** : 39. Tripura.

Genus *Archegozetes* Grandjean

1. *A. longisetosus* Aoki, 1965, *Nat. Life Southeast Asia*, **4** : 147. Thailand Subias and Sarkar, 1982. *Redia* **65** : 39. Tripura.

Family MALACONOTHRIDAE

Genus *Malaconothrus* Berlese

1. *M. crassisetosus* Subias and Sarkar, 1982. *Redia*, **65** : 39. Tripura.
2. *M. geminus* Hammer, 1972. *Biol. Skr. Dan. Vid. Selsk.*, **19** (3) : 20. Tahiti Chakrabarti and Mondal, 1983. *Indian J. Acar.*, **8** (1) : 41. West Bengal.
3. *M. pauciareolatus* Subias and Sarkar, 1982. *Redia*, **65** : 39. Tripura.

4. *M. peruensis* Hammer, 1961. *Biol. Skr. Dan. Vid. Selsk.*, **13** (1) : 19. Peru. Subias and Sarkar, 1982. *Redia*, **65** : 39. Tripura.
5. *M. pseudolamellatus* Willmann, 1931, *Tierw. Deutschl.*, **22** : 79. German. Subias and Sarkar, 1982. *Redia*, **65** : 39. Tripura.
6. *M. robustus asiaticus* Subias and Sarkar, 1982. *Redia*, **65** : 39. Tripura.

Family BELBIDAE

Genus *Metabelba* Grandjean

1. *M. obtusus* Hammer, 1966. *Biol. Skr. Dan. Vid. Selsk.*, **15** (2) : 45. New Zealand. Chakrabarti and Mondal, 1983. *Indian J. Acar.*, **8** (1) : 41. West Bengal.

Family BASILOBELBIDAE

Genus *Xiphobelba* Csiszar

- i. *X. barbata* Roy Talukdar and Chakrabarti, 1984. *Indian J. Acar.*, **9** : 37. Assam.

Family NIPPOBODIDAE

Genus *Leobodes* Aoki

Leobodes Aoki, 1965. *Nat. Life Southeast Asia.*, **4** : 166.

Type-species : *Leobodes mirabilis* Aoki, 1965, (Polytypy).
Thailand.

1. *L. mirabilis* Aoki, 1965. *Nat. Life Southeast Asia*, **4** : 167. Thailand. Chakrabarti and Mondal, 1983. *Indian J. Acar.*, **8** (1) : 41. West Bengal.

Family OTOCEPHEIDAE

Genus *Pseudotocepheus* Balogh

1. *P. orientalis* Mondal and Kundu, 1983. *Indian J. Acar.*, **8** (2) : 63. West Bengal.

Family OPPIIDAE

Genus *Neoppia* Bhattacharya and Banerjee

Neoppia Bhattacharya and Banerjee, 1981. *Mitt. Zool. Mus. Berlin*, **57** (1) : 11.

Type-species : *Neoppia minuta* Bhattacharya and Banerjee, 1981,

(Monotypy). West Bengal.

1. *N. minuta* Bhattacharya and Banerjee, 1981. *Mitt. Zool. Mus. Berlin*, **57** (1) : 11. West Bengal.

Genus *Oppiella* Jacot

Oppiella Jacot, 1937, *J.N.Y. ent. Soc.*, **45** : 356.

Type-species : *Eremaeus novus* Oudemans, 1902, (Polytypy). German.

1. *O. nova* (Oudemans, 1902). *Ent. Ber.*, **1** : 36. German. Chakrabarti and Mondal, 1983. *Indian J. Acar.*, **8** (1) 41. West Bengal.

Family ORIBATULIDAE

Genus *Scheloribates* Berlese

1. *S. curvialatus* Hammer, 1961. *Biol. Skr. Dan. Vid. Selsk.*, **13** (1) : 97. Peru. Chakrabarti and Mondal, 1983. *Indian J. Acar.*, **8** (1) : 42. West Bengal.
2. Undetermined sp. Ramani and Haq, 1983. *Indian J. Acar.*, **8** (2) : 95. Kerala.

Genus *Zygoribatula* Berlese

1. *Z. tortilis* Hammer, 1977. *Biol. Skr. Dan. Vid. Selsk.*, **21** (4) : 35. Pakistan. Chakrabarti and Mondal, 1983. *Indian J. Acar.*, **8** (1) : 42. West Bengal.

Family HAPLOZETIDAE

Genus *Protoribates* Berlese

1. *P. capucinus* Berlese, 1908. *Redia*, **5** : 2. Italy. Chakrabarti and Mondal, 1983. *Indian J. Acar.*, **8** (1) : 42. West Bengal.

Family ORIBATELLIDAE

Genus *Oribatella* Banks

Oribatella Banks, 1895. *Trans. Amer. Ent. Soc.*, **22** : 4.

Type-species : *Oribatella quadridentata* Banks, 1895, (Polytypy).
U.S.A.

1. *O. meridionalis* Berlese, 1908. *Redia* **5** (1) : 5. Italy. Chakrabarti and Mondal, 1983. *Indian J. Acar.*, **8** (1) : 42. West Bengal.

Genus *Paralamellobates* Bhaduri & Raychaudhuri

1. *P. bengalensis* Bhaduri and Raychaudhuri, 1968, *Oriental Ins.*, **2** (2) : 197. West Bengal. Ramani and Haq., 1983, *Indian J. Acar.*, **8** (2) : 95. Kerala.

Family GALUMNIDAE

Genus *Pergalumna* Grandjean

Pergalumna Grandjean, 1936. *Ann. Soc. ent. Fr.*, **105** : 106.

Type-species : *Oribates nervosus* Berlese, 1914, (Polytypy). Italy.

1. *P. andhraense* Raju, Appalanaidu and Rao, 1981. *Geobios*, **8** (5) : 219. Andhra Pradesh.

Genus *Vaghia* Oudemans

Vaghia Oudemans, 1919. *Arch. Natg. Berlin*, **83A**(4) : 79. German.

Type-species : *Oribates (Stictozetes?) studendus* Berlese, 1917, (Polytypy). Italy.

1. *V. blascoi* Trave 1981. *Acarologia*, **22** (3) : 325. Tamil Nadu.

Correct position of the following species could not be ascertained due to non-availability of the specimens. They are listed here according to Pearce (1906) who reported and described them from Sikkim Himalaya.

Family PHTHIRACARIDAE

Genus *Hoploderma* Michael, 1898

Hoploderma claviger Pearce, 1906

Family HERMANNIIDAE

Genus **Hermannia** Nicolet, 1855*Hermannia bistriata* (C.L. Koch, 1842) : Pearce, 1906.

Family NOTASPIDAE

Genus **Notaspis** Hermann, 1804*Notaspis hammatus* Pearce, 1906.

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15	8	<i>schuilingi</i>	<i>schuillingi</i>
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30	1	<i>cviscensis</i>	<i>cuscensis</i>
37	6	1909	1908
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