

**CHECK LIST OF GERROMORPHA (HEMIPTERA: HETEROPTERA)
FROM INDIA**

G.Thirumalai
Southern Regional Station Zoological Survey of India
Chennai 600 028
Email: thiruambi@gmail.com

ORDER HEMIPTERA
SUBORDER HETEROPTERA
INFRAORDER GERROMORPHA Popov, 1971

Superfamily Mesoveliioidea Douglas & Scott, 1867
FAMILY : MESOVELIIDAE
Subfamily : Mesoveliinae

1. Genus *Mesovelia* Mulsant&Rey, 1852

1. *Mesovelia horvathi* Lundblad, 1934
2. *Mesovelia indica* Horvath, 1915
3. *Mesovelia vittigera* Horvath 1895

Superfamily Hebroidea Amyot & Serville, 1843
FAMILY : HEBRIDAE
Subfamily: Hebrinae

2. Genus *Hebrus* Curtis, 1833

Subgenus *Hebrus* Curtis, 1833

4. *Hebrus (Hebrus) bengalensis* Distant, 1909
5. *Hebrus (Hebrus) bombayensis* Paiva, 1919
6. *Hebrus longipilosus* Zettel, 2003

3. Genus *Neotimasius* Andersen, 1981

7. *Neotimasius orientalis* Andersen, 1981

4. Genus *Timasius* Distat, 1909

8. *Timasius championi* Andersen, 1981
9. *Timasius falcifer* Andersen, 1981
10. *Timasius himalayensis* Andersen, 1981
11. *Timasius major* Andersen, 1981
12. *Timasius minor* Andersen, 1981
13. *Timasius rupestris* Andersen, 1981
14. *Timasius spinifer* Andersen, 1981
15. *Timasius splendens* Distant, 1909
16. *Timasius ventralis* Andersen, 1981

Subfamily: Hyrcaninae

5. Genus *Hyrcanus* Distant, 1910

17. *Hyrcanus capitatus* Distant, 1910
18. *Hyrcanus dispar* Andersen, 1981

19. *Hyrceanus reichli* Zettel, 1998

Superfamily Hydrometroidea Billberg, 1820

FAMILY : HYDROMETRIDAE

Subfamily : Hydrometrinae

6. Genus *Hydrometra* Latreille, 1796

20. *. *Hydrometra bifurcata* ? Hungerford and Evans, 1934

***Note: This identification is based on a single female specimen collected from Nilgiris by the author. Dr J.T. Polhemus comments that this species is probably either *Hydrometra seychellensis* Polhemus & Polhemus or *H. kahallensis* Gunawardane & Karunaratne or new to science.**

21. *Hydrometra butleri* Hungerford and Evans, 1934

22. *Hydrometra greeni* Kirkaldy, 1898.

Superfamily Gerroidea Reuter, 1910

FAMILY VELIIDAE AMYOT&SERVILLE, 1843

Division Microveliiformes Andersen, 1982

Subfamily Microveliinae China & Usinger, 1949

Tribe Microveliini Stys, 1976

7. Genus *Aquulavelia* Thirumalai, 1999

23. *Aquulavelia occulta* Thirumalai, 1999

24. *Aquulavelia* sp*

8. Genus *Baptisa* Distant, 1903a

25. *Baptisa angulata* Andersen, 1989

9. Genus *Microvelia* Westwood, 1834

Subgenus *Microvelia* Westwood, 1834

26. *Microvelia (Microvelia) annandalei* Distant, 1909

27. *Microvelia (Microvelia) atromaculata* Paiva, 1919

28. *Microvelia (Microvelia) diluta* Distant, 1909

29. *Microvelia (Microvelia) javadiensis* Thirumalai, 1989

30. *Microvelia (Microvelia) lineatipes* Paiva, 1919

31. *Microvelia (Microvelia) santala* Hafiz & Ribeiro, 1939

Subgenus *Picaultia* Scott, 2002

32. *Microvelia (Picaultia) douglasi* Scott

10. Genus *Neolardus* Distant, 1912

33. *Neolardus typicus* (Distant, 1903)

11. Genus *Pseudovelia* Hoberlandt, 1950

Subgenus *Pseudovelia* Hoberlandt, 1950

34. *Pseudovelia (Pseudovelia) sexualis* (Paiva, 1917)

Subfamily : Haloveliinae

12. Genus *Halovelia* Bergroth, 1893

35. *Halovelia* sp*. Andersen & Foster, 1992.

13. Genus *Strongylovelia* Esaki, 1924

36. *Strongylovelia* sp.

37. *Strongylovelia* sp.* Polhemus & Starmuhlner, 1990

14. Genus *Xenobates* Esaki, 1924

38. *Xenobates* sp*. Andersen & Foster, 1992.

Division

Veliiformes Andersen, 1982a

Subfamily

Rhagoveliinae China & Usinger, 1949

15. Genus *Rhagovelia* Mayr, 1865

Subgenus *Neorhagovelia* Matsuda, 1956

39. *Rhagovelia* (*Neorhagovelia*) *andaman* Polhemus, 1990

40. *Rhagovelia* (*Neorhagovelia*) *nilgiriensis* Thirumalai, 1994

41. *Rhagovelia* (*Neorhagovelia*) *sumatrensis* Lundblad, 1936

42. *Rhagovelia* (*Neorhagovelia*) sp.

43. *Rhagovelia* (*Neorhagovelia*) sp.

Subgenus *Rhagovelia* Mayr, 1865

44. *Rhagovelia* (*Rhagovelia*) *ceylanica* Lundblad, 1936

45. *Rhagovelia* (*Rhagovelia*) *tibialis* Lundblad, 1936

16. Genus *Tetraripis* Lundblad, 1936

46. *Tetraripis asymmetricus* Polhemus & Karunaratne, 1979

Subfamily

Perittopinae China & Usinger, 1949

17. Genus *Perittopus* Fieber, 1861

47. *Perittopus campbelli* Lundblad, 1934

48. *Perittopus horvathi* Lundblad, 1934

49. *Perittopus maculatus* Paiva, 1919

Subfamily: Veliinae

18. Genus *Angilovelina* Andersen, 1981

50. *Angilovelina y-alba* (Paiva, 1918)

19. Genus *Velia* Latreille, 1804

Subgenus *Plesiovelia* Tamanini, 1955

51. *Velia* (*Plesiovelia*) *affinis affinis* Kolenati, 1857

52. *Velia* (*Plesiovelia*) *affinis marussi* Tamanini, 1957

Subgenus *Haldwania* Tamanini, 1955

53. *Velia* (*Haldwania*) sp. Andersen, 1981

FAMILY GERRIDAE LEACH, 1815

Subfamily: Rhagadotarsinae

20. Genus *Rhagadotarsus* Breddin, 1905

Subgenus *Rhagadotarsus* Breddin, 1905

54. *Rhagadotarsus* (*Rhagadotarsus*) *kraepelini* Breddin, 1905

Subfamily: Trepobatinae

Tribe Trepobatini Polhemus & Polhemus, 1993

21. Genus *Calyptobates* Polhemus & Polhemus, 1994

55. *Calyptobates andaman* Polhemus & Polhemus, 1994

- 22. Genus *Lathriobates* Polhemus 2004**
 56. *Lathriobates raja* (Distant)
- 23. Genus *Gnomobates* Polhemus & Polhemus, 1995a.**
 57. *Gnomobates kuiterti* (Hungerford & Matsuda, 1958)
 Tribe Naboandelini Polhemus&Polhemus, 1993
- 24. Genus *Naboandelus* Distant, 1910**
 58. *Naboandelus signatus* Distant, 1910
 Division Gerriformes Andersen, 1982a
 Subfamily Gerrinae Bianchi, 1896
 Tribe Gerrini Andersen, 1975
- 25. Genus *Aquarius* Schellenberg, 1800**
 59. *Aquarius adelaidis* (Dohrn, 1860)
 60. *Aquarius paludum* (Fabricius, 1794)
- 26. Genus *Gerris* Fabricius, 1794**
Subgenus *Gerris* Fabricius, 1794
 61. *Gerris (Gerris) nepalensis* Distant, 1910
 62. *Gerris (Gerris) sahlbergi* Distant, 1879
 63. *Gerris (Gerris) thoracicus* Schummel, 1832
- Subgenus *Macrogerris* Andersen, 1993**
 64. *Gerris (Macrogerris) gracilicornis* (Horvath,1879)
- 27. Genus *Neogerris* Matsumura, 1913**
 65. *Neogerris parvula* (Stal, 1859)
- 28. Genus *Limnogonus* Stal, 1868**
Subgenus *Limnogonus* Stal, 1868
 66. *Limnogonus (Limnogonus) fossarum fossarum* (Fabricius, 1775)
 67. *Limnogonus (Limnogonus) hungerfordi* Andersen 1975
 68. *Limnogonus (Limnogonus) nitidus* (Mayr, 1865)
- Subgenus *Limnogonoides* Poisson, 1965**
 69. *Limnogonus (Limnogonoides) pectoralis* (Mayr, 1865)
- 29. Genus *Limnometra* Mayr, 1865**
 70. *Limnometra anadyomene* (Kirkaldy, 1901)
 71. *Limnometra fluviorum* (Fabricius, 1798)
 72. *Limnometra minuta* Mayr,1865
 73. *Limnometra thirumalaii* Zettel, 2001
- 30. Genus *Tenagogonus* Stal, 1854**
 74. *Tenagogonus ceylonensis* Hungerford & Matsuda, 1962.
 75. *Tenagogonus nicobarensis* Andersen, 1964
 Subfamily Eotrechinae Matsuda, 1960
 Subfamily : Eotrechinae

- 31. Genus *Amemboa* Esaki, 1925**
Subgenus *Amemboa* Esaki, 1925
76. *Amemboa (Amemboa) dentata* Polhemus & Andersen, 1984
77. *Amemboa (Amemboa) kumari* (Distant, 1910)
Subgenus *Amemboides* Polhemus & Andersen, 1984
78. *Amemboa (Amemboides) perlata* Polhemus & Andersen, 1984
- 32. Genus *Chimarrhometra* Bianchi, 1896**
79. *Chimarrhometra orientalis* (Distant, 1879)
- 33. Genus *Eotrechus* Kirkaldy, 1902**
80. *Eotrechus brevipes* Andersen, 1982
81. *Eotrechus kalidasa* Kirkaldy, 1902
82. *Eotrechus longipes* Andersen, 1982
83. *Eotrechus terrestris* Andersen, 1982
- 34. Genus *Onychotrechus* Kirkaldy, 1903**
84. *Onychotrechus major* Andersen, 1980
85. *Onychotrechus rhexenor* Kirkaldy, 1903
86. *Onychotrechus robustus* Andersen, 1980
87. *Onychotrechus rupestris* Andersen, 1980
88. *Onychotrechus spinifer* Andersen, 1980
- 35. Genus *Tarsotrechus* Andersen, 1980**
89. *Tarsotrechus polhemi* Andersen, 1980
- Division Halobatiformes Andersen, 1982a
Subfamily Cylindrostethinae Matsuda, 1960
- 36. Genus *Cylindrostethus* Mayr, 1865**
90. *Cylindrostethus productus* (Spinola, 1840)
91. *Cylindrostethus scrutator* (Kirkaldy, 1899)
- Subfamily: Ptilomerinae
- 37. Genus *Heterobates* Bianchi, 1896**
92. *Heterobates bilobates* (Esaki, 1927)
93. *Heterobates rihandi* (Pradhan, 1950)
- 38. Genus *Pleciobates* Esaki, 1930**
94. *Pleciobatus indicus* (Thirumalai, 1986)
- 39. Genus *Stridulobates* Zettel & Thirumalai, 2000**
95. *Stridulobates anderseni* Zettel & Thirumalai, 2001
96. *Stridulobates nostras* Thirumalai, (1986)
- 40. Genus *Ptilomera* Amyot & Serville, 1843**
Subgenus *Proptilomera* Hungerford & Matsuda, 1958
97. *Ptilomera (Proptilomera) himalayensis* Hungerford & Matsuda, 1958
Subgenus *Ptilomera* Amyot & Serville, 1843
98. *Ptilomera (Ptilomera) agroides* Schmidt, 1926

99. *Ptilomera (Ptilomera) assamensis* Hungerford & Matsuda, 1965
 100. *Ptilomera (Ptilomera) laticaudata* (Hardwicke, 1823)
 101. *Ptilomera (Ptilomera) occidentalis* Zettel, 2003
 102. *Ptilomera (Ptilomera) tigrina* Uhler, 1860
- 41. Genus *Rheumatogonus* Kirkaldy, 1909**
 103. *Rheumatogonus burmanus* (Distant, 1910)
- 42. Genus *Jucundus* Distant, 1910**
 104. *Jucundus custodiendus* Distant, 1910
- Subfamily: Halobatinae
 Tribe Halobatini Matsuda, 1960
- 43. Genus *Asclepios* Distant, 1915**
 105. *Asclepios annandalei* Distant, 1915
- 44. Genus *Halobates* White, 1883**
 106. *Halobates elephanta* Andersen & Foster, 1992
 107. *Halobates flaviventris* Eschscholtz, 1822
 108. *Halobates formidabilis* (Distant, 1910)
 109. *Halobates galatea* Herring, 1961
 110. *Halobates germanus* White, 1883
 111. *Halobates hayanus* White, 1883
 112. *Halobates micans* Eschscholtz, 1822
 113. *Halobates proavus* White, 1883
 114. *Halobates trynae* Herring, 1964
- Tribe Metrocorini Matsuda, 1960
- 45. Genus *Metrocoris* Mayr, 1865**
 115. *Metrocoris anderseni* Chen & Nieser, 1993
 116. *Metrocoris communis* (Distant, 1910)
 117. *Metrocoris communoides* Chen & Nieser, 1993
 118. *Metrocoris compar* (White, 1883)
 119. *Metrocoris dembickyi* Chen & Zettel, 1999
 120. *Metrocoris falcatus* Chen & Nieser, 1993
 121. *Metrocoris femoratus* (Paiva, 1919)
 122. *Metrocoris indicus* Chen & Nieser, 1993
 123. *Metrocoris malabaricus* Thirumalai, 1986
 124. *Metroconis nepalensis* Distant, 1910
 125. *Metrocoris tenuicornis* Esaki 1926
 126. *Metrocoris variegans* Thirumalai, 1986
 127. *Metrocoris velamentus* Chen & Nieser, 1993
- 46. Genus *Ventidius* Distant, 1910**
Subgenus *Ventidius* Distant, 1910
 128. *Ventidius (Ventidius) aquarius* Distant, 1910
 129. *Ventidius (Ventidius) modulatus* Lundblad, 1934
 130. *Ventidius (Ventidius) sushmae* Gupta, 1981
Subgenus *Ventidioides* Hungerford & Matsuda, 1960
 131. *Ventidius (Ventidioides) kuiterti* Hungerford & Matsuda, 1960

References

- Thirumalai, G. 2002. A checklist of Gerromorpha (Hemiptera) from India. *Rec. Zool. Surv. India*, **100** (1-2): 55-97.
- Zettel, H., 2001. *Limnometra thirumalaii* sp.n. (Heteroptera: Gerridae) from South India. *Acta zoologica cracoviensia*, **44**(4): 401-404.
- Zettel, H. 2003. *Ptilomera* (s.str.) *occidentalis* sp.n. (Heteroptera: Gerridae) aus Nordwest-Indien. *Linzer biol. Beitr* **35**(2): 1131-1134.
- Zettel, H., 2003 (2002): *Hebrus longipilosus* sp. n. (Heteroptera: Hebridae) aus Indien. *Annales historico-naturales Musei nationalis hungarici* **94**: 105-108.