

**CHECK-LIST OF INDIAN FLESH FLIES (INSECTA: DIPTERA:
SARCOPHAGIDAE)**

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Parasarcofaga (Parasarcofaga) albiceps (Meign, 1826)

INTRODUCTION

The members of the family Sarcophagidae are commonly known as ‘flesh flies’. Adult flies measure in length from 4 mm to 18 mm. Body grayish to black with three black stripes on the thorax. The abdomen has a light and dark gray checkerboard pattern and is often red at the tip. Although the name would seem to indicate a habit of breeding in vertebrate carcasses, this is by no means typical for the family, which includes specialists ranging from inhabitants of pitcher plants to bat coprophages, crab saprophages, wasp nest inquilines, and insect parasitoids. With some 2600 described species world-wide (Pape et al, 2009) Indian representatives belong to **117** species under **38** genera of three subfamilies (Nandi, 2002; Sinha & Nandi, 2002 a & b).

ORDER DIPTERA
SUBORDER CYCLORRHAPHA
FAMILY SARCOPHAGIDAE
SUBFAMILY MILTOGRAMMATINAE Brauer & Bergenstamm
Tribe Amobiini Townsend
Subtribe: Amobiina Rohdendorf

1. Genus *Amobia* Robineau-Desvoidy, 1830
Subgenus *Amobia* Robineau-Desvoidy, 1830

1. *Amobia (Amobia) auriceps* (Baranov, 1935)
2. *Amobia (Amobia) pelopei* (Rondani, 1859)
3. *Amobia (Amobia) signata* (Meigen, 1824)

Tribe Miltogrammatini Brauer & Bergenstamm
Subtribe Senotainiina Rohdendorf

2. Genus *Senotainia* Macquart, 1846
Subgenus *Sphixapata* Rondani, 1859

4. *Senotainia (Sphixapata) albifrons* (Rondani, 1859)
5. *Senotainia (Sphixapata) anamalaica* Verves, 1988

Subgenus *Chaetometopia* Malloch, 1930

6. *Senotainia (Chaetometopia) cinerea* (Malloch, 1930)

Subtribe Pterellina Rohdendorf

3. Genus *Pterella* Robineau-Desvoidy, 1863

Subgenus *Pterella* Robineau-Desvoidy, 1863

7. *Pterella (Pterella) krombeini* Verves, 1979

4. Genus *Protomiltogramma* Townsend, 1916

8. *Protomiltogramma rufiventris* (Baranov, 1938)

9. *Protomiltogramma obscurior* (Villeneuve, 1916)

10. *Protomiltogramma nandii* (Verves, 1979)

Subtribe Miltogrammatina Rohdendorf

5. Genus *Cylindrothecum* Rohdendorf, 1930

11. *Cylindrothecum angustifrons* (Townsend, 1933)

12. *Cylindrothecum ibericum* (Villeneuve, 1912)

6. Genus *Anacanthothecum* Rohdendorf, 1930

13. *Anacanthothecum testaceifrons* (van Roser, 1840)

Tribe Phyllotelini Rohdendorf

Subtribe Phyllotelina Rohdendorf

7. Genus *Phylloteles* Loew, 1844

14. *Phylloteles hyalipennis* (Baranov, 1934)

Subtribe Hoplocephalina Rohdendorf

8. Genus *Hoplocephalomima* Verves, 1988

15. *Hoplocephalomima nathani* Verves, 1988

9. Genus *Krombeinomyia* Verves, 1979

16. *Krombeinomyia indica* Verves, 1988

17. *Krombeinomyia mirabilis* Verves, 1979

Tribe Metopiini Rohdendorf

Subtribe Taxigrammatina Rohdendorf

10. Genus *Taxigramma* Perris, 1852

18. *Taxigramma heteroneura* (Meigen, 1830)

Subtribe Phrosinellina Verves

11. Genus *Phrosinella* Robineau-Desvoidy, 1863
Subgenus *Phrosinella* Robineau-Desvoidy, 1863

19. *Phrosinella (Phrosinella) fedtshenkoi* (Rohdendorf, 1925)

Subtribe Metopiina Rohdendorf

12. Genus *Metopia* Meigen, 1803
Subgenus *Metopia* Meigen, 1803

20. *Metopia (Metopia) roserii* Rondani, 1859

Subgenus *Australoancia* Verves, 1979

21. *Metopia (Australoancia) nudibasis* (Malloch, 1930)

Subgenus *Anicia* Robineau-Desvoidy, 1863

22. *Metopia (Anicia) campestris* (Fallén, 1810)

Subtribe Sphenometopiina Verves

13. Genus *Sphenometopa* Townsend, 1908

23. *Sphenometopa fastuosa* (Meigen, 1824)

24. *Sphenometopa jacobsoni* (Rohdendorf, 1967)

SUBFAMILY PARAMACRONYCHIINAE Brauer & Bergenstamm

Tribe Paramacrochiini Brauer & Bergenstamm

14. Genus *Wohlfahrtia* Brauer & Bergenstamm, 1889

25. *Wohlfahrtia nuba* (Wiedemann, 1830)

26. *Wohlfahrtia trina* (Wiedemann, 1830)

SUBFAMILY SARCOPHAGINAE Macquart

Tribe Raviniini Rohdendorf

15. Genus *Ravinia* Robineau-Desvoidy, 1863

27. *Ravinia pernix* (Harris, 1780)

Tribe Protodexiini Townsend

16. Genus *Blaesoxipha* Loew, 1861
Subgenus *Blaesoxipha* Loew, 1861

- 28. *Blaesoxipha (Blaesoxipha) agrestis* (Robineau-Desvoidy, 1863)
- 29. *Blaesoxipha (Blaesoxipha) aldrichi* Nandi, 1992
- 30. *Blaesoxipha (Blaesoxipha) bhutanensis* Nandi, 1992
- 31. *Blaesoxipha (Blaesoxipha) karanataka* Pape, 1994
- 32. *Blaesoxipha (Blaesoxipha) nathani* Lopes, 1990
- 33. *Blaesoxipha (Blaesoxipha) pygmaea* (Zetterstedt, 1844)
- 34. *Blaesoxipha (Blaesoxipha) rishikeshi* Nandi, 1990
- 35. *Blaesoxipha (Blaesoxipha) rufipes* (Macquart, 1839)
- 36. *Blaesoxipha (Blaesoxipha) valangae* (Aldrich)

Tribe Sarcophagini Macquart
Subtribe Parasarcophagina Rohdendorf

17. Genus *Bercaea* Robineau – Desvoidy, 1863

- 37. *Bercaea cruentata* (Meigen, 1826)

18. Genus *Boettcherisca* Rohdendorf, 1937

- 38. *Boettcherisca bengalensis* Nandi, 1992
- 39. *Boettcherisca karnyi* (Hardy, 1927)
- 40. *Boettcherisca nathani* Lopes, 1961
- 41. *Boettcherisca peregrina* (Robineau – Desvoidy, 1830)

19. Genus *Fengia* Rohdendorf, 1964

- 42. *Fengia ostindicae* (Senior-White, 1924)
- 43. *Fengia kaimaraensis* Nandi, 1992

20. Genus *Lioproctia* Enderlein, 1928
Subgenus *Lioproctia* Enderlein, 1928

- 44. *Lioproctia (Lioproctia) annandalei* (Senior-White, 1924)
- 45. *Lioproctia (Lioproctia) beelsoni* (Senior-White, 1924)
- 46. *Lioproctia (Lioproctia) lothianensis* Sinha & Nandi, 2002

- Subgenus *Coonororia* Fan, 1964

- 47. *Lioproctia (Coonororia) pattoni* (Senior-White, 1924)

21. Genus *Parasarcophaga* Johnston & Teigs, 1921
Subgenus *Baranovisca* Lopes, 1985

48. *Parasarcophaga (Baranovisca) cantrelli* Verves, 1991

Subgenus *Liopygia* Enderlein, 1928

49. *Parasarcophaga (Liopygia) ruficornis* (Fabricius, 1794)

Subgenus *Liosarcophaga* Enderlein, 1928

50. *Parasarcophaga (Liosarcophaga) amplicercus* Shinonaga & Tumrasvin, 1979

51. *Parasarcophaga (Liosarcophaga) choudhuryi* Sinha & Nandi, 2002

52. *Parasarcophaga (Liosarcophaga) brevicornis* (Ho, 1934)

53. *Parasarcophaga (Liosarcophaga) dux* (Thomson, 1869)

54. *Parasarcophaga (Liosarcophaga) jaipurensis* Nandi, 1990

55. *Parasarcophaga (Liosarcophaga) josephi* Nandi, 2002

56. *Parasarcophaga (Liosarcophaga) saputaraensis* Nandi, 1992

57. *Parasarcophaga (Liosarcophaga) sarupi* Nandi, 1979

Subgenus *Curranea* Rohdendorf, 1937

58. *Parasarcophaga (Curranea) kalimpongensis* Nandi, 1979

59. *Parasarcophaga (Curranea) scopariiformis* (Senior-White, 1927)

Subgenus *Pandelleisca* Rohdendorf, 1937

60. *Parasarcophaga (Pandelleisca) assamensis* Nandi & Ray, 1982

61. *Parasarcophaga (Pandelleisca) bainbriggei* (Senior-White, 1925)

62. *Parasarcophaga (Pandelleisca) ballardi* (Senior-White, 1924)

63. *Parasarcophaga (Pandelleisca) curvata* Nandi, 1989

64. *Parasarcophaga (Pandelleisca) kurahashii* Nandi, 1992

Subgenus *Parasarcophaga* Johnston & Tiegs, 1921

65. *Parasarcophaga (Parasarcophaga) albiceps* (Meigen, 1826)

66. *Parasarcophaga (Parasarcophaga) hirtipes* (Wiedemann, 1830)

67. *Parasarcophaga (Parasarcophaga) macroauriculata* (Ho, 1932)

68. *Parasarcophaga (Parasarcophaga) misera* (Walker, 1849)

69. *Parasarcophaga (Parasarcophaga) sericea* (Walker, 1852)

Subgenus *Thomsonea* Rohdendorf, 1937

70. *Parasarcophaga (Thomsonea) argyrostoma* (Robineau-Desvoidy, 1830)

22. Genus *Phallosphaera* Rohdendorf, 1938

71. *Phallosphaera gravelyi* (Senior-White, 1924)

23. Genus *Robineauella* Enderlein, 1928
Subgenus *Robineauella* Enderlein, 1928

72. *Robineauella (Robineauella) walayari* (Senior-White, 1924)

Subgenus *Jantiella* Rohdendorf, 1937

73. *Robineauella (Jantiella) doleschalli* (Johnston and Tiegs, 1921)

74. *Robineauella (Jantiella) djakonovi* Rohdendorf, 1937

75. *Robineauella (Jantiella) kanoi* Nandi, 1976

24. Genus *Rosellea* Rohdendorf, 1937

76. *Rosellea khasiensis* (Senior-White, 1924)

25. Genus *Sarcorohdendorfia* Baranov, 1938

77. *Sarcorohdendorfia seniorwhitei* (Ho, 1938)

78. *Sarcorohdendorfia mysorensis* Nandi, 1988

79. *Sarcorohdendorfia pusana* (Senior-White, 1924)

80. *Sarcorohdendorfia ghaiiae* (Nandi, 1979)

81. *Sarcorohdendorfia desaii* (Nandi, 1978)

82. *Sarcorohdendorfia inextricata* (Walker, 1859)

26. Genus *Sarcosolomonina* Baranov, 1938

Subgenus *Parkerimyia* Lopes & Kano, 1969

83. *Sarcosolomonina (Parkerimyia) andamanensis* Nandi, 1989

84. *Sarcosolomonina (Parkerimyia) chambaensis* Nandi, 1980

85. *Sarcosolomonina (Parkerimyia) crinita* (Parker, 1917)

86. *Sarcosolomonina (Parkerimyia) indica* Nandi, 1976

87. *Sarcosolomonina (Parkerimyia) kaushanensis* Nandi, 1990

88. *Sarcosolomonina (Parkerimyia) nathani* Lopes & Kano, 1969

89. *Sarcosolomonina (Parkerimyia) rohdendorfi* Nandi, 1976

27. Genus *Sinonipponia* Rohdendorf, 1965

90. *Sinonipponia bengalensis* Nandi, 1977

91. *Sinonipponia smarti* Nandi, 1989

28. Genus *Stackelbergeola* Rohdendorf, 1937

92. *Stackelbergeola papei* Nandi, 1994

Subtribe Helicophagellina Lopes *et al*

29. Genus *Helicophagella* Enderlein, 1928

- 93. *Helicophagella girnarensis* Nandi, 1992
- 94. *Helicophagella melanura* (Meigen, 1826)

30. Genus *Thyrsonema* Enderlein, 1928

Subgenus *Pseudothyrsochnema* Rohdendorf, 1937

- 95. *Thyrsochnema (Pseudothyrsochnema) dasguptai* Nandi, 1979
- 96. *Thyrsochnema (Pseudothyrsochnema) indica* Shinonaga & Lopes, 1975
- 97. *Thyrsochnema (Pseudothyrsochnema) lushainensis* Nandi, 1992
- 98. *Thyrsochnema (Pseudothyrsochnema) nicobarensis* Nandi, 1989

Subgenus *Thyrsochnema* Rohdendorf, 1937

- 99. *Thyrsochnema (Thyrsochnema) kentejana* Rohdendorf, 1937

31. Genus *Pierretia* Robineau-Desvoidy, 1863

Subgenus *Asceloctella* Enderlein, 1928

- 100. *Pierretia (Asceloctella) calicifera* (Böttcher, 1912)

Subgenus *Pierretia* Robineau-Desvoidy, 1863

- 101. *Pierretia (Pierretia) wyatti* Nandi, 1994

Subtribe Heteronychiina Rohdendorf

32. Genus *Kozlovea* Rohdendorf, 1937

- 102. *Kozlovea cavangarei* Nandi, 1988
- 103. *Kozlovea lopesi* Nandi, 1976
- 104. *Kozlovea peshelicis* (Senior-White, 1930)
- 105. *Kozlovea vervesi* Nandi, 1993

33. Genus *Phytosarcophaga* Rohdendorf, 1937

- 106. *Phytosarcophaga sawainensis* Nandi, 1989

34. Genus *Heteronychia* Brauer & Bergenstamm, 1889

Subgenus *Ctenodasyptigia* Enderlein, 1928

107. *Heteronychia (Ctenodasypygia) smithi* (Nandi, 1990)

Subtribe Harpagophallina Rohdendorf

35. Genus *Harpagophalla* Rohdendorf, 1937

108. *Harpagophalla kempi* (Senior-White, 1924)

109. *Harpagophalla panchganiensis* Nandi, 1993

36. Genus *Iranihindia* Rohdendorf, 1961

110. *Iranihindia futilis* (Senior-White, 1924)

111. *Iranihindia indica* Nandi, 1979

112. *Iranihindia jamesi* Nandi, 1979

113. *Iranihindia martellata* (Senior-White, 1924)

114. *Iranihindia martellatoides* (Baranov, 1931)

Subtribe Seniorwhiteina Rohdendorf

37. Genus *Seniorwhitea* Rohdendorf, 1937

115. *Seniorwhitea mantiae* Nandi, 2002

116. *Seniorwhitea reciproca* (Walker, 1856)

Subtribe Leucomyiina Brauer & Bergenstamm

38. Genus *Leucomyia* Brauer & Bergenstamm, 1891

117. *Leucomyia cinerea* (Fabricius, 1794)

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