

CHECKLIST OF ENCYRTIDAE (HYMENOPTERA: CHALCIDOIDEA) FROM KERALA, INDIA

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Abstract:

An updated checklist of the Encyrtid fauna of the Indian state of Kerala is presented in the current paper. The paper includes 197 species under 72 genera, that includes 132 species under 48 genera and 65 species under 24 genera of subfamilies Encyrtinae and Tetracneminae respectively. Host records from India and distributional data are also provided.

Keywords: Checklist, Chalcidoidea, Encyrtidae, Kerala, India

Introduction

The family Encyrtidae Walker is the second largest family of the Superfamily Chalcidoidea currently with 450 genera and more than 3500 species represented in India. The species of the family are diagnosed by the presence of a typical enlarged mesopleuron that pushes the midcoxae close to forecoxae. The members of the family are parasitoids and hyperparasitoids of Hemiptera (Coccoidea, Aphidoidea, Psylloidea), Lepidoptera (Butterflies and moths), Neuroptera (Lacewings), Acarina (Ticks) and Araneae (Spiders). Hence, many encyrtid species are extensively employed as biocontrol agents against several pest species.

Encyrtid fauna from Kerala

Subfamily ENCYRTINAE Walker, 1837

1. *Acerophagus papayae* Noyes and Schauff, 2003

Host: *Paracoccus marginatus*

Distribution: India: Tamil Nadu [1], Andhra Pradesh [2], Karnataka [3], Puducherry [4], Kerala [48]

2. *Achalcerinyslindus* (Mercet, 1921)

Host: Unknown

Distribution: India: Andhra Pradesh, Karnataka, Kerala, Odisha, Rajasthan, Uttar Pradesh [5], West Bengal [6]

3. *Adelencyrtus axillaris* (Girault, 1915)

Hosts: *Aspidiotus destructor* on black pepper

Distribution: India: Kerala [5]

4. *Adelencyrtuscoxalis* Hayat, Alam and Agarwal 1975

Host: *Pinnaspis strachani* on *Murraya koenigii*, *Brevenniarehi* (Lindinger) (Hemiptera: Pseudococcidae)

Distribution: Andhra Pradesh [5], Delhi, Puducherry [4], Tamil Nadu [7], Kerala [8]

5. *Adelencyrtus funicularis* Hayat, Alam and Agarwal, 1975

Host: Diaspidini

Distribution: India: Kerala [5]

6. *Adelencyrtus moderatus* (Howard, 1897)

Host: *Duplachionaspis*, *Lepidsaphes* sp on Citrus

Distribution: India: Andaman Nicobar, Assam, Delhi, Karnataka, Odisha, Puducherry, Uttarakhand, Uttar Pradesh, West Bengal [5]; Kerala [9]

7. *Agarwalencyrtus citri* (Agarwal 1965)

Hosts: *Planococcus citri*; *Tomosvaryella* sp. (Diptera).

Distribution: India: Andhra Pradesh, Assam, Bihar, Dadra and Nagar Haveli, Delhi, Jharkhand, Kerala, Meghalaya, Rajasthan, Tamil Nadu, Uttar Pradesh [5], Karnataka [9], Uttarakhand [10]

8. *Agarwalencyrtus dispar* Hayat 2003

Hosts: Unknown

Distribution: India: Assam, Kerala [5], Arunachal Pradesh [11]

9. *Amira fabrei* Girault 1913

Host: Unknown

Distribution: India: Maharashtra, Uttar Pradesh [5], Odisha [6], Kerala [9]

10. *Anicetus annulatus* Timberlake 1919

Host: Soft scales (possibly *Chloropulvinariapsidii*)

Distribution: India: Karnataka, Uttar Pradesh [5], Kerala [8]

11. *Anicetus beneficus* Ishii and Yasumatsu 1954

Hosts: *Ceroplastes* sp., *C. actiniformis*

Distribution: India: Kerala, Uttar Pradesh [5]

12. *Anicetus ceroplastodis* (Mani 1935)

Hosts: *Ceroplastodes* spp, *Rhynchasia ruinima*, *C. cajani*, *Drepanococcus chiton*, *Parasaissetia nigra*, *Pulvinaria maxima*

Distribution: India: Assam, Karnataka, Kerala, Maharashtra, Tamil Nadu, Uttar Pradesh [5]

13. *Anicetus ceylonensis* Howard 1896

Hosts: *Ceroplastodes cajani*

Distribution: India: Assam, Karnataka, Kerala, Maharashtra, Tamil Nadu [40]

14. *Arrhenophagus chionaspidis* Aurivillius 1888

Hosts: *Chionaspis ramakrishnai*, *Contigaspis* sp., *Pinnaspis strachani*

Distribution: India: Kerala, Tamil Nadu [12], Andhra Pradesh, Karnataka, Uttar Pradesh [5], Sikkim [6], Uttarakhand [13]

15. *Carabunia zora* Hayat 2003

Host: *Clovia puncta* on grass

Distribution: India: Kerala [5], Tamil Nadu [1]

16. *Cerapteroceroidesghorpadei* Hayat 2003

Hosts: Unknown

Distribution: India: Karnataka, Kerala [5]

17. *Cerapterocerusaugustus* Hayat 2003

Hosts: Unknown

Distribution: India: Karnataka, Kerala [5], Bihar [15]

18. *Cerchysiellakamathi* (Mani and Saraswat 1974)

Host: Unknown

Distribution: India: Himachal Pradesh, Pondicherry, Uttar Pradesh [5], Kerala [8], Uttarakhand [10]

19. *Cerchysiella kuwatai* Tachikawa 1985

Host: Unknown

Distribution: India: Kerala [5], Uttarakhand [10]

20. *Cerchysiallatiscapa* (Shafee and Fatma 1984)

Host: Unknown

Distribution: India: Uttar Pradesh [5], Kerala [8]

21. *Cheiloneurus bangalorensis* (Subba Rao 1957)

Hosts: *Antonina* sp. on grass; *A. graminis*

Distribution: India: Andaman & Nicobar Islands, Andhra Pradesh, Assam, Delhi, Karnataka, Kerala, Rajasthan, Tamil Nadu, Uttarakhand, Uttar Pradesh, West Bengal [5]

22. *Cheiloneurusbasiri* Hayat, Alam and Agarwal 1975

Hosts: *Ceroplastes actiniformis*, *Saissetia coffeae*, *Rastrococcusicyoides*

Distribution: India: Goa, Karnataka, Kerala [5], Tamil Nadu [7]

23. *Cheiloneurusexitiosus* (Perkins 1906)

Hosts: *Cnaphalocrocis medinalis* and *Marasmia exigua*

Distribution: India: Andhra Pradesh, Assam, Bihar, Karnataka, Kerala, Maharashtra, Meghalaya, Mizoram, Tamil Nadu, Uttar Pradesh [5], Odisha, West Bengal [6], Puducherry [4], Uttarakhand [13]

24. *Cheiloneurusgonatopodis* Perkins 1906

Hosts: Pupae of *Richardsidryinus* on sugarcane

Distribution: India: Karnataka, Kerala, Uttar Pradesh [5]

25. *Cheiloneuruslatifrons* Hayat, Alam and Agarwal 1975

Hosts: *Phenacoccus indicus*, eggs of *Neorthacris* sp.

Distribution: India: Delhi, Himachal Pradesh, Karnataka, Kerala, Tamil Nadu, Uttar Pradesh [5], Uttarakhand [13]

26. *Cheiloneuruslaticapus* (Girault 1916)

Hosts: *Nipaecoccus* sp., *N. viridis*, *Rastrococcus iceryoides*

Distribution: India: Andhra Pradesh, Kerala, Tamil Nadu [5]

27. *Cheiloneuruslongicornis* Hayat, Alam & Agarwal 1975

Host: *Nipaecoccus* sp, *N. viridis*

Distribution: India: Tamil Nadu [5], Puducherry [4], Kerala [48]

28. *Cheiloneuruslongipennis* Fatma & Shafee 1988

Host: Unknown

Distribution: India: Tamil Nadu, Uttar Pradesh [5], Andhra Pradesh [9], Kerala [48]

29. *Cheiloneurusmalayensis* Noyes and Chua 1977

Hosts: Unknown

Distribution: India: Kerala, Uttarakhand [5]

30. *Cheiloneurus nigricornis* Hayat, Alam & Agarwal 1975

Host: Unknown

Distribution: India: Assam, Bihar, Uttarakhand [5], Kerala [9], Tamil Nadu [15]

31. *Cheiloneurusquadricolor* (Girault 1915)

Hosts: *Dryinid* sp via *Pyrilla* sp., *Brevennia rehi* on *Oryza sativa*

Distribution: India: Andaman Nicobar, Andhra Pradesh, Delhi, Himachal Pradesh, Karnataka, Kerala, Maharashtra, Rajasthan, Tamil Nadu, Uttarakhand, Uttar Pradesh [5], Odisha [6], Puducherry [4]

32. *Cheiloneurustenuistigma* Anis and Hayat 2002

Hosts: Unknown

Distribution: India: Delhi, Kerala [5], Karnataka [9]

33. *Cheiloneuruszeyai* Anis and Hayat 2002

Hosts: *Drepanococcus* sp

Distribution: India: Delhi, Kerala [5], Tamil Nadu [1], Puducherry [4], Karnataka [16]

34. *Coccidencyrtusshafeei* (Hayat, Alam and Agarwal 1975)

Hosts: *Aonidiella* sp. on *Mangifera indica*

Distribution: India: Kerala, Rajasthan, Uttar Pradesh [5]

35. *Copidosoma arenicola* (Trjapitzin 1967)

Host: Unknown

Distribution: India: Kerala [17]

36. *Copidosoma clavatum* Myartseva 1982

Host: Unknown

Distribution: India: Andhra Pradesh, Kerala, Tamil Nadu, West Bengal [5], Odisha [18]

37. *Copidosoma floridanum* (Ashmead 1900)

Hosts: *Plusia signata*, *Helicoverpa armigera*, *Cosmophila sabulifera*, *Chrysodeixis eriosoma*, *C. chalcites*, *Argyrogramma signatum*

Distribution: India: Bihar, Jammu & Kashmir, Jharkhand, Karnataka, Kerala, Odisha, Tamil Nadu, Uttar Pradesh, West Bengal [5], Assam, Himachal Pradesh, Meghalaya, Sikkim, Uttarakhand [18], Meghalaya [19], Punjab [20]

38. *Copidosoma gracilis* (Kaul and Agarwal 1986)

Host: Unknown

Distribution: India: Himachal Pradesh, Kerala, Uttarakhand [5]

39. *Copidosoma indicum* Kazmi and Hayat 1998

Host: Unknown

Distribution: India: Kerala, Karnataka, Tamil Nadu [5], Himachal Pradesh [18], Uttarakhand [40]

40. *Copidosoma lucidum* Kazmi and Hayat 1998

Host: Unknown

Distribution: India: Karnataka, Kerala, Tamil Nadu [5], Uttarakhand [10]

41. *Copidosomanotatum* Kazmi and Hayat 1998

Host: Unknown

Distribution: India: Kerala, Tamil Nadu [5]

42. *Copidosomaremotum* Sharkov 1988

Host: Unknown

Distribution: India: Kerala [5]

43. *Copidosoma subalbicorne* (Hoffer 1960)

Host: Unknown

Distribution: India: Karnataka [5], Kerala [9], Uttarakhand [10]

44. *Copidosoma transversum* Kazmi and Hayat 1998

Host: Unknown

Distribution: India: Karnataka, Kerala, Tamil Nadu, Uttar Pradesh [5], Himachal Pradesh [18], Uttarakhand [10]

45. *Copidosoma varicorne* (Nees 1834)

Host: *Anarsia ephippias*, *A. sigmatica*, *Dichomeris eridontis* (Gelechiidae), *Eucosma* sp. (Tortricidae)

Distribution: India: Andhra Pradesh, Kerala, Punjab, Tamil Nadu, Uttar Pradesh [5], West Bengal [6], Uttarakhand [10]

46. *Copidosoma vinnulum* Kazmi and Hayat 1998

Host: Unknown

Distribution: India: Karnataka, Kerala [5]

47. *Encyrtusaurantii* (Geoffroy 1785)

Hosts: *Ceroplastesactiniformis*, *Chloropulvinaria* sp, *Coccus viridis*

Distribution: India: Andaman and Nicobar, Assam, Haryana, Karnataka, Kerala, Pondicherry, Rajasthan, Tamil Nadu, Uttar Pradesh, Uttarakhand [5], West Bengal [6], Andhra Pradesh, Gujarat [21], Bihar [14]

48. *Encyrtusinfelix* (Embleton 1902)

Hosts: *Saissetia* sp., *Coccus hesperidum*

Distribution: India: Assam [5], Meghalaya [19], Kerala [48]

49. *Forcipesticismagniocularis* Hayat 2003

Hosts: Unknown

Distribution: India: Kerala [5]

50. *Gentakolatrifasciata* (Saraswat 1975)

Host: Unknown

Distribution: India: Assam, Delhi, Karnataka, Tamil Nadu [5], West Bengal [6], Andhra Pradesh [22], Kerala [48]

51. *Hemencyrtushirsutus* Hayat 2003

Host: Unknown

Distribution: India: Kerala [5]

52. *Homalotylusagarwali* Anis and Hayat 1998

Host: Unknown

Distribution: India: Kerala [5], Puducherry [4]

53. *Homalotylusalbiclavatus* (Agarwal 1970)

Hosts: *Nipaecoccus viridis*, *Pullus* sp., *Phenacoccus solenopsis* on *Gossypium hirsutum* & *Cyamopsis tetragonolobus*

Distribution: India: Himachal Pradesh, Jharkhand, Karnataka, Kerala, Rajasthan, Tamil Nadu, Uttar Pradesh, West Bengal [5], Andhra Pradesh [9], Uttarakhand [10]

54. *Homalotylus flaminius* (Dalman 1820)

Host: *Nipaecoccus* sp on *Solanum*

Distribution: India: Andhra Pradesh, Delhi, Karnataka, Punjab, Uttar Pradesh [5], Kerala [8]

55. *Homalotylus hemipterinus* (De Stefani 1898)

Host: Larvae of *Cyclonedasanguinea* (Coccinellidae)

Distribution: India: Tamil Nadu, Andhra Pradesh [9], Gujarat, Himachal Pradesh, Kerala [24]

56. *Homalotylus indicus* (Agarwal 1966)

Host: *Planococcus citri* on *Citrus medica*, *Nipaecoccus viridis* on mulberry, *Nerium* sp. and *Zizyphus* sp., *Rastrococcus iceryoides* on *Capparis* sp., Indet. Scymnini larvae on *Azadirachta indica* and [coccinellids predaceous on]: *Coccidohystrix insolita* on *Solanum melongena*, *Phenacoccus solenopsis* on *Gossypium hirsutum*

Distribution: India: Delhi, Kerala, Rajasthan, Tamil Nadu, Uttar Pradesh [5], Andhra Pradesh [32], Karnataka [15]

57. *Isodromus axillaris* Timberlake 1919

Host: Pupae of indet. Chrysopid (Neuroptera: Chrysopidae), *Planococcus citri* on guava

Distribution: India: Karnataka [5], Kerala [9], Uttarakhand [10]

58. *Ixodiphagus mysorensis* Mani 1941

Host: *Ornithodoros* sp (Acarina) on cattle

Distribution: Karnataka, Kerala [5]

59. *Katakamudigerensis* Noyes and Hayat 1984

Hosts: Unknown

Distribution: India: Karnataka, Kerala [5]

60. *Lamennaisia ambigua* (Nees 1834)

Hosts: Unknown

Distribution: India: Andhra Pradesh, Jharkhand, Karnataka, Kerala, Odisha, Tamil Nadu, Uttarakhand, Uttar Pradesh [5], Himachal Pradesh, Madhya Pradesh, West Bengal [13]

61. *Lamennaisia indica* (Agarwal 1962)

Hosts: Syrphid puparia

Distribution: India: Kerala, Maharashtra [5], Uttarakhand [10]

62. *Lamennaisianobilis* (Nees 1834)

Hosts: Unknown

Distribution: India: Andhra Pradesh, Karnataka, Kerala, Odisha, Tamil Nadu [5]

63. *Mahencyrtus assamensis* Singh and Agarwal 1993

Hosts: *Brevennia rehi* on *Oryza sativa*

Distribution: India: Assam, Bihar, Haryana, Kerala, Uttar Pradesh [5], Odisha, West Bengal [6], Tamil Nadu [7], Andhra Pradesh [9], Himachal Pradesh, Karnataka, Uttarakhand [13]

64. *Mahencyrtus ranchiensis* (Fatima and Shafee 1994)

Hosts: Unknown

Distribution: India: Goa, Jharkand, Kerala, Maharashtra, Tamil Nadu, Uttarakhand, Uttar Pradesh [5], Karnataka [9], Odisha [6]

65. *Meniscocephalus foveolatus* Hayat 2003

Host: Unknown

Distribution: India: Karnataka [26], Kerala [5]

66. *Meniscocephalus notialis* Hayat 2003

Host: Unknown

Distribution: India: Kerala [5], Tamil Nadu [15]

67. *Meniscocephalus optabilis* Hayat 2003

Host: Unidentified membracid nymphs on *Prosopis* sp

Distribution: India: Kerala [5], Tamil Nadu [1]

68. *Metaphycus fuscidorsum* (Gahan 1919)

Hosts: *Cerococcus indicus*, *Ceroplastodes* sp, *C. cajani*

Distribution: India: Andhra Pradesh, Karnataka, Kerala, Maharashtra, Tamil Nadu [5]

69. *Metaphycus malabarensis* (Mukerjee 1975)

Hosts: Unknown

Distribution: India: Kerala [5]

70. *Microterys dakshina* Hayat 2017

Host: Unknown

Distribution: Karnataka, Kerala [26]

71. *Microterys nietneri* (Motschulsky 1857)

Hosts: *Coccus hesperidum*, *Parasaissetia nigra*, *Saissetia coffeae*, *Crossandra infundibuliformis*
Distribution: India: Karnataka, Kerala, Tamil Nadu, Uttar Pradesh [5], Meghalaya, Meghalaya [19], Bihar [15]

72. *Narendranella keralaensis* Hayat 2017

Host: Unknown

Distribution: India: Kerala [27]

73. *Neastymachus cerococi* (Shafee, Alam & Agarwal 1975)

Host: *Cerococcus* sp., *C. hibisci*, *C. indicus*

Distribution: India: Andhra Pradesh, Bihar, Karnataka, Uttar Pradesh [5], Tamil Nadu [1]

74. *Neocladia bicoloripes* (Hayat 2013)

Host: Unknown

Distribution: India: Kerala [26]

75. *Neocladia calicutana* (Hayat 2003)

Host: Unknown

Distribution: India: Kerala [26], Sikkim [6]

76. *Neocladia narendrani* Hayat 2003

Host: Unknown

Distribution: India: Kerala [5], Tamil Nadu [8]

77. *Neocladia trifasciata* Singh and Agarwal 1993

Host: Unknown

Distribution: India: Andaman & Nicobar Islands, Karnataka & Kerala [5], West Bengal [6]

78. *Neocladia zora* (Hayat 2003)

Host: *Cloviapuncta* on grass

Distribution: India: Kerala [26], Tamil Nadu [1], Andhra Pradesh, Karnataka [9]

79. *Noyesiaalreka* Hayat 2018

Host: Unknown

Distribution: India: Kerala [29]

80. *Ooencyrtusaethes* Hayat 2006

Host: Unknown

Distribution: India: Uttar Pradesh [5], Kerala [8], Uttarakhand [10]

81. *Ooencyrtusagalmatus* Hayat 2006

Hosts: Unknown

Distribution: India: Kerala [5]

82. *Ooencyrtusagastus* Hayat 2006

Hosts: Cashew bark borer eggs

Distribution: India: Kerala [5], Uttarakhand [10]

83. *Ooencyrtusalrake* Hayat 2012

Hosts: *Triozajambolanae* Crawford (Hemiptera: Psylloidea), a leaf gall-inducer on species of *Syzygium*

Distribution: India: Kerala [30]

84. *Ooencyrtusdakshina* Hayat 2006

Hosts: Unknown

Distribution: India: Kerala [5]

85. *Ooencyrtusferrierei* Shafee, Alam and Agarwal 1975

Hosts: Eggs of indet. Hemiptera on *Solanum*

Distribution: India: Kerala, Uttarakhand [5]

86. *Ooencyrtus flavipes* (Timberlake 1920)

Host: Unknown

Distribution: India: Kerala [8]

87. *Ooencyrtusguamensis* Fullaway 1946

Hosts: Larvae of *Pseudaletiaunipuncta*, *Exalastis atomosa*, *Paragus auritus*

Distribution: India: Andhra Pradesh, Bihar, Delhi, Haryana, Jharkhand, Karnataka, Kerala, Maharashtra, Rajasthan, Tamil Nadu, Uttarakhand, Uttar Pradesh [5], Odisha [6], Meghalaya [19]

88. *Ooencyrtus keralensis* Hayat and Prathapan 2010

Hosts: Eggs of *Podontiacongregata* (Chrysomelidae).

Distribution: India: Kerala [31]

89. *Ooencyrtus peechianus* Hayat 2006

Hosts: Unknown

Distribution: India: Kerala [5]

90. *Ooencyrtussegestes* Trjapitzin 1965

Host: Unknown

Distribution: India: Andhra Pradesh, Assam, Bihar, Delhi, Karnataka, Tamil Nadu, Uttar Pradesh [5], Odisha, West Bengal [6], Kerala [8], Puducherry [4], Uttarakhand [10,13]

91. *Ooencyrtusutetheisae* (Risbec 1951)

Hosts: Eggs of *Leptocorisa* sp, *Nezara viridula*

Distribution: India: Assam, Karnataka, Kerala, Meghalaya, Tamil Nadu, Uttarakhand, Uttar Pradesh [5], Odisha, West Bengal [6]

92. *Ooencyrtusutpradianus* Hayat 2018

Host: Unknown

Distribution: India: Uttar Pradesh [32], Kerala [8]

93. *Parablatticidabrevicornis* (Dalman 1820)

Hosts: Unknown

Distribution: India: Himachal Pradesh, Kerala [5], Arunachal Pradesh [11], Karnataka [9], Uttarakhand [10]

94. *Parablatticida magniclava* Hayat 2003

Hosts: Unknown

Distribution: India: Kerala [5], Karnataka [9]

95. *Pasuliniagentha* Noyes and Hayat 1984

Hosts: Unknown

Distribution: India: Kerala [5]

96. *Pentelicus depunctatus* Manickavasagam & Chaitanya 2015

Hosts: Unknown

Distribution: India: Andhra Pradesh, Tamil Nadu [45], Kerala [15]

97. *Plagiomerusbangaloriensis* Shafee, Alam and Agarwal 1975

Hosts: *Aonidiella orientalis*, *Peliococcus* sp.

Distribution: India: Karnataka, Kerala [5], Andhra Pradesh [45], Uttarakhand [10]

98. *Prochiloneurusaegyptiacus* (Mercet 1929)

Hosts: *Nipaecoccusviridis*

Distribution: India: Kerala, Tamil Nadu [5], Karnataka [33], Andhra Pradesh [9,33], Puducherry [4]

99. *Prochiloneurusalbifuniculus* (Hayat, Alam and Agarwal 1975)

Host: *Antonina* sp. on grass, *Coccidohystrixinsolita*, *Nipaecoccus* sp. on *Citrus* sp., indet coccids, *Phenacoccus solenopsis* on *Abutilon indicum*

Distribution: India: Assam, Himachal Pradesh, Rajasthan, Uttar Pradesh [5], Kerala [8], Tamil Nadu [7], Puducherry [4], Meghalaya [19], Karnataka [15], Uttarakhand [10]

100. *Prochiloneurusbolivari* Mercet 1919

Hosts: Unknown

Distribution: India: Kerala [34], Andhra Pradesh [9]

101. *Prochiloneurusjavanicus* (Ferriere 1951)

Hosts: *Anagyruskamali* through coccids on *Hibiscusrosasinensis*, *Nipaecoccus viridis*, *Phenacoccus solenopsis* on bhendi

Distribution: India: Andhra Pradesh, Kerala, Maharashtra [5], Tamil Nadu [1]

102. *Prochiloneuruspulchellus* Silvestri 1915

Hosts: *Chionaspis* sp., *Icerya aegyptiaca*, *Centrocooccus* sp., *Centrocooccus insolitus*, *Phenacocussolenopsis* on *Anona squamosa*, *Hibiscus mutabilis*, *Hibiscus rosa-sinensis* and *Solanum melongena* and (with) *Coccidohistrix* [= *Centrocooccus*] *insolita* on *Solanumtorvum*

Distribution: India: Andhra Pradesh, Bihar, Goa, Haryana, Karnataka, Kerala, Maharashtra, Punjab, Tamil Nadu, Uttar Pradesh [5], Andaman Nicobar Islands [35]

103. *Prochiloneurusrex* (Girault 1920)

Host: Unknown

Distribution: India: Uttar Pradesh [5], Kerala [8]

104. *Proleuroceroides pyrillae* (Crawford 1916)

Host: Eggs of *Pyrilla* sp. on *Saccharumofficinarum*, eggs of *P. lycoides*, *Spodopteralitura*

Distribution: India: Maharashtra, Rajasthan [5], Kerala [8], Andhra Pradesh [9]

105. *Proleurocerusfulgoridis* Ferriere 1935

Hosts: Eggs of *Eurybrachystomentosa*, eggs of cutworms (Lepidoptera: Noctuidae)

Distribution: India: Andhra Pradesh, Karnataka, Kerala, Maharashtra, Tamil Nadu [5], Puducherry [4]

106. *Proleuroceruslitoralis* Hayat and Kazmi 1996

Hosts: Egg masses of *Eurybrachystomentosa* (Fulgoridae) on *Shorea robusta* tree trunks.

Distribution: India: Kerala [5], Puducherry [4], Karnataka, Andhra Pradesh & Tamil Nadu [9], Uttarakhand [10]

107. *Protyndarichoidesaligarhensis* (Fatma & Shafee 1984)

Host: Unknown

Distribution: India: Karnataka, Uttar Pradesh, Uttarakhand [5], Kerala [48]

108. *Protyndarichoidesindicus* Singh & Agarwal 1993

Host: Unknown

Distribution: India: Andhra Pradesh, Arunachal Pradesh, Assam, Uttar Pradesh [5], West Bengal [6], Kerala [8], Andhra Pradesh [9], Meghalaya [19]

109. *Psyllaephagusgaruga* S. Singh 2011**Host:** *Phacopteronlentiginosum* Buckton (Hemiptera: Psylloidea) on *Garugapinnata* Roxb. (Burseraceae)**Distribution:** India: Uttarakhand [36,10], Kerala [30]**110. *Psyllaephagusphacopteron* S. Singh 2011****Host:** *Phacopteronlentiginosum* Buckton (Hemiptera: Psylloidea) on *Garugapinnata* Roxb. (Burseraceae)**Distribution:** India: Uttarakhand [36], Kerala [30]**111. *Psyllaephagustekeddyensis* Singh and Agarwal 1993****Host:** *Mesohomatoma* sp.**Distribution:** India: Kerala [5]**112. *Syrphophagusaeruginosus* (Dalman 1820)****Hosts:** *Syrphis* puparia**Distribution:** India: Bihar, Kerala, Odisha, Tamil Nadu, Uttar Pradesh [5], Uttarakhand [10]**113. *Syrphophagusaphidivorus* (Mayr 1876)****Hosts:** *Aphis gossypii*, *A. laburni*, *A. pomi*, *Myzus persicae*, *Rhopalosiphum maidis*, *Uroleucon compositae***Distribution:** India: Andhra Pradesh, Delhi, Goa, Himachal Pradesh, Jammu Kashmir, Karnataka, Kerala, Tamil Nadu, Uttarakhand, Uttar Pradesh [5]**114. *Syrphophaguscalunica* (Hayat2003)****Host:** Unknown**Distribution:** India: Andaman and Nicobar Islands, Kerala, Orissa, Uttarakhand [10]**115. *Syrphophagushofferi* (Hayat 1973)****Hosts:** Indet. Aphids on *Nicotianaplumbaginifolia***Distribution:** India: Goa, Jharkand, Karnataka, Kerala, Tamil Nadu, Uttarakhand, Uttar Pradesh [5], Odisha [6]**116. *Syrphophaguswayanadensis* Hayat 2012****Host:** *Triozajambolanae* (Hemiptera: Psylloidea) on *Syzygium* (Myrtaceae)**Distribution:** India: Kerala [30]**117. *Tassoniaamaura* Hayat 2003****Host:** Unknown**Distribution:** Karnataka [5], Odisha [6], Kerala [8], Andhra Pradesh [9], Uttarakhand [13]**118. *Tassoniacalunica* Hayat 2003****Hosts:** Unknown**Distribution:** India: Andaman Nicobar, Kerala [5], Odisha [6], Andhra Pradesh [9], Uttarakhand [13]**119. *Tassoniagloriae* Girault 1921****Hosts:** *Hysteroneurasetariae* on *Cynodondactylon*, *Longiunguis sacchari* on *Saccharum officinarum*, & *Sorghum vulgare*, *Myzus persicae*

Distribution: India: Andhra Pradesh, Bihar, Goa, Himachal Pradesh, Jharkhand, Karnataka, Kerala, Punjab, Rajasthan, Tamil Nadu, Uttarakhand, Uttar Pradesh, West Bengal [5], Odisha [6], Meghalaya [19]

120. *Tetracnemusdeccanensis* (Mani and Kaul 1974)

Hosts: Unknown

Distribution: India: Assam, Kerala, Maharashtra [5]

121. *Tetracnemusheterocornis* Mani and Saraswat 1974

Hosts: Unknown

Distribution: India: Kerala, Maharashtra, Tamil Nadu, Uttarakhand [5]

122. *Tetracnemuspensularis* (Mani and Saraswat 1974)

Hosts: Unknown

Distribution: India: Jharkhand, Kerala, Maharashtra, Odisha, Uttar Pradesh [5]

123. *Trechnitesalbipodus* Kazmi and Hayat 1995

Hosts: Unknown

Distribution: India: Kerala [5], Assam, Manipur, Nagaland, Tamil Nadu [37]

124. *Trechnitesaligarhensis* Hayat, Alam and Agarwal 1975

Hosts: Psyllids

Distribution: India: Kerala, Uttar Pradesh [5]

125. *Trechnitesconcinnus* Kazmi and Hayat 1995

Hosts: Unknown

Distribution: India: Kerala [5]

126. *Trechniteshairah* Hayat 2013

Hosts: Unknown

Distribution: India: Andaman Nicobar, Kerala [35], Karnataka, Tamil Nadu [9], Assam [37]

127. *Trechniteskeralensis* Ayyamperumal and Manickavasagam 2018

Hosts: Unknown

Distribution: India: Kerala [37]

128. *Tyndarichuskeralensis* (Hayat, 2003)

Hosts: Unknown

Distribution: India: Kerala [26], Karnataka [9]

129. *Tyndarichusmelanacis* (Dalman 1820)

Hosts: *Syleptaderogata*

Distribution: India: Kerala [5], Uttarakhand [10]

130. *Xenostryxisbrevicauda* Hayat 2003

Hosts: Unknown

Distribution: India: Andhra Pradesh, Kerala [5], Karnataka, Tamil Nadu [38]

131. *Xenostyrixistenuicauda* Hayat 2003

Hosts: Unknown

Distribution: India: Kerala [5], Karnataka and Sikkim [38]

132. *Zaommalambinus* (Walker 1838)

Hosts: Diaspidni, *Aspidiotusorientalis*

Distribution: India: Andaman Nicobar, Kerala, Uttar Pradesh [5], Odisha, West Bengal [6], Tamil Nadu [1], Andhra Pradesh [9], Meghalaya [19], Assam, Uttarakhand [10]

Subfamily TETRACNEMINAE Howard, 1892

133. *Adektitopus gordhi* Noyes & Hayat, 1984

Host: Unknown

Distribution: India: Maharashtra, Tamil Nadu [5], Karnataka [16], Kerala [48]

134. *Adektitopus longipennis* (Shafee and Avasthi, 1983)

Host: *Coccidohystrix insolita*

Distribution: India: Kerala, Uttar Pradesh [5], Tamil Nadu [1]

135. *Aenasiusadvena* Compere 1937

Host: *Ferrisisavirgata*, *Planococcus citri*, *Phenacoccus solenopsis* on *Hibiscus rosa-sinensis* and *Abutilonindicum*

Distribution: India: Andaman Nicobar, Delhi, Goa, Gujarat, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Punjab, Tamil Nadu, Uttarakhand, Uttar Pradesh [5], Andhra Pradesh [9], Puducherry [4]

136. *Aenasiusarizonensis* (Girault, 1915)

Host: *Phenacoccus solenopsis*

Distribution: India: Delhi, Haryana, Maharashtra [46], Tamil Nadu [1], Tamil Nadu [7], Andhra Pradesh [2], Karnataka [3], Puducherry [4], Kerala [48]

137. *Aenasiusindicus* (Narayanan and Subba Rao 1961)

Hosts: *Planococcoides robustus*, *Iceryaformicarum*, *Nipaecoccus* sp., *Nipaecoccusviridis*, *Ferrisia virgata*

Distribution: India: Delhi, Himachal Pradesh, Kerala, Madhya Pradesh, Odisha, Punjab, Uttarakhand, Uttar Pradesh [5], Tamil Nadu [7], Karnataka [16]

138. *Alamellaflava* Agarwal 1966

Hosts: *Nipaecoccus viridis*, *Maconellicoccus hirsutus*, *Planococcus citri*, *Phenacoccussolenopsis* on *Gossypiumhirsutum*

Distribution: India: Andhra Pradesh, Haryana, Himachal Pradesh, Karnataka, Kerala, Maharashtra, Punjab, Tamil Nadu and Uttar Pradesh [5], Bihar [15]

139. *Anagyrusagraensis* Saraswat 1975

Hosts: *Centroccoccus* sp., *Ferrisia virgata*, *Nipaecoccus* sp., *Rastrococcus iceryoides*, *Pseudococcus* sp., *Nipaecoccus viridis*, *Planococcus citri*; *Nipaecoccus viridis* (Newstead) (Hemiptera: Pseudococcidae) on Citrus (Rutaceae) and *Morus alba* L., *Maconellicoccus hirsutus* (Green) (Hemiptera: Pseudococcidae) on *Morus alba* L.

Distribution: India: Goa, Haryana, Himachal Pradesh, Karnataka, Kerala, Odisha, Punjab, Tamil Nadu, Uttar Pradesh [5]

140. *Anagyrus aquilonaris* (Noyes and Hayat, 1984)

Hosts: Unknown.

Distribution: India: Andhra Pradesh, Assam, Bihar, Dadra and Nagar Haveli, Delhi, Jammu & Kashmir, Jharkhand, Karnataka, Kerala, Tamil Nadu, Uttarakhand, Uttar Pradesh [5], Arunachal Pradesh and Meghalaya [20]

141. *Anagyrus dactylopii* (Howard, 1898)

Hosts: *Ferrisia virgata*, *Maconellicoccus hirsutus*; *Nipaecoccus viridis*, *Planococcus citri*; *Rastrococcus capparidae*

Distribution: India: Andaman & Nicobar Islands, Andhra Pradesh, Bihar, Dadra and Nagar Haveli, Delhi, Goa, Himachal Pradesh, Karnataka, Kerala, Maharashtra, Odisha, Punjab, Tamil Nadu, Uttar Pradesh, Uttarakhand [5], Puducherry [4]

142. *Anagyrus discolor* Noyes and Hayat 1994

Host: Unknown

Distribution: India: Puducherry, Uttar Pradesh [5], Tamil Nadu [1], Kerala [8]

143. *Anagyrus diversicornis* (Howard 1894)

Host: Indet. Coccids on *Annonasquamosa* and pseudococcid on *Solanumnigrum*, *Phenacoccus gossypii*, *P. herreni*, *P. manihoti*, *P. parvus*

Distribution: India: Tamil Nadu [5], Kerala [8], Arunachal Pradesh [11], Andaman Nicobar [39], Karnataka [9], Meghalaya [19]

144. *Anagyruselizabethae* Noyes and Hayat 1994

Hosts: Unknown

Distribution: India: Karnataka, Kerala, Tamil Nadu [5]

145. *Anagyrus gracilis* (Hayat 1970)

Hosts: *Brevennia rehi*, *Coccidohystrix insolita*, *Antigastra catalaunalis*

Distribution: India: Bihar [26], Andaman and Nicobar Islands, Andhra Pradesh, Assam, Delhi, Himachal Pradesh, Jammu & Kashmir, Jharkhand, Karnataka, Kerala, Maharashtra, Rajasthan, Tamil Nadu, Uttar Pradesh [5], Odisha, West Bengal [6], Meghalaya [19], Uttarakhand [10]

146. *Anagyrus impar* Noyes and Hayat 1994

Hosts: Unknown

Distribution: India: Karnataka, Kerala [5]

147. *Anagyrus indicus* (Subba Rao 1967)

Hosts: *Ferrisiavirgata*, *Planococcus* sp

Distribution: India: Andhra Pradesh, Delhi, Karnataka, Kerala, Maharashtra, Punjab, Uttar Pradesh, West Bengal [5], Tamil Nadu [7]

148. *Anagyrus jenniferae* Noyes and Hayat 1994

Hosts: Unknown

Distribution: India: Karnataka, Kerala [5], Meghalaya [19]

149. *Anagyruskamali* Mousi 1948

Host: *Ferrisia* sp

Distribution: India: Delhi, Himachal Pradesh, Karnataka, Maharashtra, Tamil Nadu, Uttar Pradesh [5], Puducherry [4], Kerala [48]

150. *Anagyruslevis* Noyes and Hayat 1994

Hosts: *Nipaeococcusviridis*

Distribution: India: Delhi, Goa, Karnataka, Kerala, Tamil Nadu, Uttar Pradesh [5], Andaman & Nicobar Islands [17], Andhra Pradesh [40]

151. *Anagyruslongipennis* Shafee, Alam and Agarwal 1975

Hosts: Coccid

Distribution: India: Kerala [5]

152. *Anagyrusmirzai* Agarwal and Alam 1959

Hosts: *Ferrisia virgata*, *Icerya formicarum*, *Nipaeococcusviridis*, *Rastrococcus iceryoides*, *Planococcuscitri*, *Phenacoccus solenopsis* on *Hibiscus cannabinus*

Distribution: India: Andaman Nicobar, Andhra Pradesh, Delhi, Haryana, Himachal Pradesh, Karnataka, Kerala, Maharashtra, Odisha, Punjab, Tamil Nadu, Uttar Pradesh [5]

153. *Anagyrus ranchiensis* Shamim and Shafee 1984

Hosts: *Nipaeococcusviridis*

Distribution: India: Andhra Pradesh, Goa, Jharkand, Karnataka, Kerala, Tamil Nadu, Uttar Pradesh [5], Puducherry [4], Uttarakhand [10]

154. *Anagyrusrubinae* Noyes and Hayat 1994

Hosts: Unknown

Distribution: India: Kerala [5]

155. *Anagyrussubflaviceps* (Girault, 1915)

Hosts: Unknown. indet. Pseudococcid

Distribution: India: Delhi [49], Andaman Nicobar, Andhra Pradesh, Himachal Pradesh, Jammu & Kashmir, Karnataka, Kerala, Tamil Nadu, Uttar Pradesh [5], West Bengal [6], Puducherry [4], Uttarakhand [10]

156. *Anagyrus thailandicus* (Myartseva 1979)

Hosts: Unknown.

Distribution: India: Assam, Kerala, Tamil Nadu [5], West Bengal [6]

157. *Anagyrustheon* Noyes and Hayat 1994

Hosts: Unknown.

Distribution: India: Kerala [5]

158. *Anagyrustri-color*(Girault, 1913)

Hosts: Unknown

Distribution: India: Delhi, Himachal Pradesh, Karnataka, Kerala, Tamil Nadu [5], Odisha [6], Puducherry [4], Andhra Pradesh [9], Meghalaya [19], Uttarakhand [10]

159. *Anagyrus umairi* Noyes and Hayat 1994

Host: Unknown

Distribution: India: Andaman and Nicobar Islands, Tamil Nadu [5], Kerala [8]

160. *Anikeraandamana* Hayat 2013

Host: Unknown

Distribution: India: Andaman Nicobar Islands, Kerala [35]

161. *Anomalicorniatenuicornis* Mercet 1921

Host: *Rhizoecus albidus*

Distribution: Andhra Pradesh, Delhi, Karnataka, Kerala, Rajasthan, Tamil Nadu [5], Odisha [6], Puducherry [4], Meghalaya [19], Uttar Pradesh, Bihar [14], Uttarakhand [10]

162. *Apoleptomastix bicoloricornis* (Girault 1915)

Hosts: *Coccidohystrix insolita*, *Brevennia rehi*, *Heterococcus nigeriensis*.

Distribution: India: Andhra Pradesh, Delhi, Jammu & Kashmir, Jharkhand, Karnataka, Kerala, Rajasthan, Tamil Nadu, Uttar Pradesh, West Bengal [5], Uttarakhand [10], Maharashtra [41], Puducherry [4], Meghalaya [19]

163. *Apoleptomastixrufipleuris* Kerrich 1982

Hosts: Unknown

Distribution: India: Karnataka, Kerala, Tamil Nadu [5], Odisha [6]

164. *Apoleptomastixrufiscapus* Kerrich 1982

Hosts: *Nipaecoccusviridis*

Distribution: India: Bihar [42], Delhi, Jharkhand, Karnataka, Kerala, Tamil Nadu [5], Puducherry [4]

165. *Assamencyrtus jorhatensis* Singh 2006

Host: Pseudococcids beneath sepals of *Cocos nucifera* (Coconut)

Distribution: India: Assam [43], Kerala [8]

166. *Blepyrusinsularis* (Cameron 1886)

Hosts: *Ferrisia virgata*, *Maconellicoccus hirsutus*

Distribution: India: Delhi, Goa, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Odisha, Tamil Nadu, Uttar Pradesh, Uttarakhand, West Bengal [5], Andhra Pradesh [33], Puducherry [4]

167. *Callipteroma sexguttata* Motschulsky 1863

Hosts: *Birendracoccussaccharifolii* on sugarcane

Distribution: India: Delhi, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Odisha, Rajasthan, Tamil Nadu, Uttar Pradesh [5], Andaman and Nicobar [39], Andhra Pradesh [9], Bihar [15].

168. *Callipteroma testacea* Motschulsky 1863

Hosts: *Birendracoccussaccharifolii*

Distribution: India: Delhi, Himachal Pradesh, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Tamil Nadu and Uttar Pradesh [5]

169. *Charitopuspanchgania* (Mani and Saraswat 1974)

Host: *Icerya pilosa*

Distribution: India: Assam, Arunachal Pradesh, Bihar, Kerala, Maharashtra, Odisha, Uttarakhand, Uttar Pradesh [5], Tamil Nadu [1]

170. *Cladiscodes sacchari* Subba Rao 1977

Hosts: *Saccharicoccus sacchari*

Distribution: India: Kerala [26], Uttarakhand, Uttar Pradesh [5]; Karnataka [9]

171. *Cryptanusia albiclava* Girault, 1917

Host: *Pseudococcus citriculus*, *Pseudococcus* sp. on an orchid

Distribution: India: Kerala [15]

172. *Eotopusbeneficus* (Shafee 1981)

Hosts: *Icerya pilosa*

Distribution: India: Andhra Pradesh, Bihar, Jammu Kashmir, Karnataka, Kerala, Odisha, Tamil Nadu, Uttar Pradesh [5]

173. *Gyranusoideaflava* Shafee, Alam and Agarwal 1975

Hosts: *Nipaecoccus viridis*, *Planococcus citri*, *P. lilacinus*, *Planococcoides robustus*, indet. mealybug on *Mangifera indica* and *Anona squamosa*

Distribution: India: Gujarat, Karnataka, Kerala, Maharashtra, Odisha, Uttar Pradesh, Uttarakhand [5], Tamil Nadu [7]

174. *Gyranusoidea indica* Shafee, Alam and Agarwal 1975

Hosts: *Nipaecoccus viridis* on *Zizyphus* sp., *Phenacoccus solenopsis* on *Hibiscus cannabinus*, *Hibiscus rosa-sinensis* and *H. mutabilis*

Distribution: India: Bihar, Kerala, Tamil Nadu, Uttar Pradesh [5], Karnataka [15], Gujarat, Maharashtra, Odisha, Uttarakhand [10]

175. *Leptomastidea minyas* Noyes & Hayat 1994

Host: Unknown

Distribution: India: Tamil Nadu [5], Kerala [48]

176. *Leptomastideashafeei* Hayat and Subba Rao 1981

Hosts: *Acalypha* scales

Distribution: India: Bihar, Karnataka, Kerala, Maharashtra, Tamil Nadu [5]

177. *Leptomastidea spinipes* Noyes and Hayat 1994

Hosts: Unknown

Distribution: India: Karnataka, Kerala [5]

178. *Leptomastixdactylopii* Howard 1885

Hosts: *Planococcus citri*, *P. lilacinus*, *Birendracoccus saccharifolii*

Distribution: India: Delhi⁴¹, Karnataka, Tamil Nadu [5], Kerala [9], Meghalaya [19], Uttarakhand [10]

179. *Leptomastixgunturiensis* Shafee 1971

Hosts: *Nipaecoccus viridis*

Distribution: India: Andhra Pradesh, Bihar, Delhi, Karnataka, Kerala, Odisha, Tamil Nadu, Uttar Pradesh [5]

180. *Leptomastixkirkleyae* Noyes and Hayat 1994

Hosts: Unknown

Distribution: India: Karnataka, Kerala, Tamil Nadu [5]

181. *Leptomastixnigrocincta* Risbec 1959

Hosts: *Coccidohystrixinsolita*, *Phenacoccus* sp., *Coccidohystrix* [= *Centrococcus*] *insolita* on *Hibiscus rosa-sinensis* and *Solanum torvum*

Distribution: India: Andaman and Nicobar Islands, Andhra Pradesh, Delhi, Karnataka, Kerala, Madhya Pradesh, Tamil Nadu, Uttar Pradesh [5], Puducherry [4], Bihar [15]

182. *Leptomastixnigrocoxalis* Compere 1928

Hosts: *Coccidohystrix* sp., *C. insolita*, *Icerya aegyptica*, *Nipaecoccus* sp., *N. viridis*, *Rastrococcus iceryoides*, *Planococcus citri*, *Pseudococcus* sp., *Rastrococcus capparidae*

Distribution: India: Andhra Pradesh, Goa, Haryana, Himachal Pradesh, Karnataka, Kerala, Maharashtra, Odisha, Punjab, Puducherry, Tamil Nadu, Uttaranchal, Uttar Pradesh, West Bengal [5]

183. *Leptomastixsylvae* Noyes and Hayat 1994

Hosts: *Birendracoccusaccharifolii*

Distribution: India: Karnataka, Kerala, Tamil Nadu & Uttar Pradesh [5]

184. *Leptomastixtetrica* Noyes and Hayat 1994

Hosts: Unknown

Distribution: India: Delhi, Karnataka, Kerala and Tamil Nadu [5]

185. *Leptomastixsukumiensis* Tachikawa 1963

Hosts: indet. mealybug on *Citrus*, coccid on *Ficus*

Distribution: India: Andhra Pradesh, Bihar, Delhi, Jharkhand, Karnataka, Kerala, Odisha, Tamil Nadu, Uttar Pradesh, West Bengal [5], Puducherry [4], Meghalaya, Uttarakhand [44], Himachal Pradesh [40]

186. *Manicnemusindicus* (Mani and Saraswat 1974)

Hosts: *Greenaspisdivergens*

Distribution: India: Assam, Bihar, Delhi, Jharkhand, Karnataka, Kerala, Maharashtra, Odisha, Rajasthan, Uttar Pradesh [5], Tamil Nadu [1], Puducherry [4]

187. *Metaphaenodiscus aligarhensis* Hayat 1981

Hosts: Unknown

Distribution: India: Assam, Karnataka, Kerala, Odisha, Tamil Nadu, Uttar Pradesh [5]

188. *Neodusmetia sangwani* (Subba Rao 1957)

Hosts: *Antonina* sp. on grass *A. indica* (=graminis)

Distribution: India: Andaman & Nicobar Islands, Andhra Pradesh, Assam, Delhi, Karnataka, Kerala, Puducherry, Rajasthan, Tamil Nadu, Uttar Pradesh [5], Meghalaya [19], Uttarakhand [10], Bihar [15]

189. *Paraclauseniaherbicola* Hayat 1980

Hosts: *Rastrococcus* sp

Distribution: India: Andhra Pradesh, Assam, Himachal Pradesh, Jharkhand, Kerala, Maharashtra, Rajasthan, Tamil Nadu, Uttar Pradesh [5], West Bengal [6], Karnataka [9], Meghalaya [19]

190. *Rhopusatys* Noyes and Hayat 1994

Host: Unknown

Distribution: India: Andhra Pradesh, Delhi, Jharkhand, Karnataka, Kerala, Tamil Nadu, Uttar Pradesh [5], Assam, Uttarakhand [10]

191. *Rhopusconon* Noyes and Hayat 1994

Host: Unknown

Distribution: India: Kerala [5]

192. *Rhopuskollamensis* Usman and Zeya 2013

Host: Unknown

Distribution: India: Kerala [44]

193. *Rhopusmilo* Noyes and Hayat 1994

Host: Unknown

Distribution: India: Karnataka, Kerala, Tamil Nadu [5]

194. *Rhopus nigroclavatus* (Ashmead 1902)

Host: *Antonina* sp, *Brevenniarehi*, *Iceryaaegyptica*, *Maconellicoccushirsutus*, *Ripersia* sp, *Sacharicoccussacchari*, *Pyrilla perpusilla* eggs, *Melanaspisglomerata*

Distribution: India: Andhra Pradesh, Assam, Bihar, Delhi, Haryana, Himachal Pradesh, Karnataka, Kerala, Odisha, Puducherry, Rajasthan, Tamil Nadu, West Bengal, Uttaranchal and Uttar Pradesh [5], Uttarakhand [10]

195. *Rhopus segestes* Noyes and Hayat 1994

Host: Unknown

Distribution: Andhra Pradesh, Kerala [5]

196. *Sakencyrtus mirus* Hayat 1981

Host: Unknown

Distribution: India: Assam, Odisha, Uttar Pradesh [5], West Bengal [6], Tamil Nadu [1], Kerala [8], Karnataka [34]

197. *Yasumatsuia orientalis* Trjapitzin 1977

Hosts: Unknown

Distribution: India: Karnataka, Kerala, Tamil Nadu, Uttarakhand, Uttar Pradesh [5], Bihar [14,37], Andhra Pradesh [47]

A total of 197 species under 72 genera of encyrtid parasitoids were reported from the state of Kerala, including the two genera and nine species reported in the present study.

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