

A CHECKLIST OF PTEROMALIDAE (HYMENOPTERA: CHALCIDOIDEA) FROM THE INDIAN SUBCONTINENT

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Abstract

A checklist of the genera and species of Pteromalidae (Hymenoptera: Chalcidoidea) so far reported from the Indian subcontinent is provided. Of the 96 genera, 84 with 185 identified species and 12 genera with unidentified species are listed.

Keywords

Chalcidoidea, checklist, distribution, habitat, host data, hymenoptera, Indian Subcontinent, locality, pteromalidae, synonymy,

and Subba Rao (1985, 1986) keyed out and catalogued the pteromalid genera and species known from the region. In recent years, several new genera and species of Pteromalidae have been described from the forested tracts of southern Western Ghats, a biodiversity hotspot centre in India (Sureshan, 1999a,b; 2000a,b; 2001a,b,c; Sureshan & Narendran, 1995a,b; 1998; Narendran & Mini, 1999, etc.) and from other regions in India. Accordingly an updated checklist of the pteromalid fauna of the Indian subcontinent is presented here. It includes altogether 96 genera, 84 of them with 185 identified species and 12 genera with unidentified species. In the present work, the classification of the family given by Boucek (1988) is followed.

Introduction

The Pteromalidae is one of the largest and difficult families of Chalcidoidea (Hymenoptera) to define taxonomically and phenetically. The family is distributed in all biogeographical areas of the world and shows great diversity in morphology and biology. The great majority of Pteromalidae are primary or secondary parasitoids attacking a large number of insects in their various stages of development. A few pteromalids are phytophagous. Some of them develop in seeds of plants, others are gall makers and still others develop asinquilines in galls caused by other insects. They play an important role in the biological control of serious insect pests in the field and many of them are employed successfully in biological control programmes all over the world.

Pteromalidae contains over 3400 described species under 587 genera worldwide (Noyes, 2001). Though there were several scattered publications on the Pteromalidae of the Indian subcontinent, it was Boucek *et al.* (1979) who provided a more complete picture of the fauna of the region. According to Boucek *et al.* (1979) the pteromalid fauna of the Indian subcontinent is known by 112 species under 80 genera. Farooqi

Arrangement of the checklist

In the checklist, pteromalid genera known so far from the Indian subcontinent are grouped under separate subfamilies. The subfamilial classification by Boucek (1988) is followed. Under each subfamily the genera are listed in alphabetical order. Name of the genus is followed by the author and year. Under each genus, species are listed in alphabetical order. Name of the species is followed by the author and year, which is followed by its distribution in the Indian subcontinent. In the distribution, name of the country is followed by the state, available localities, type of the habitat and host data available from the region. The distribution of the species in other parts of the world is given in brackets. The genera endemic to India are marked with asterisks.

Discussion

The present checklist deals with 185 species pertaining to 96 genera and 16 subfamilies of Pteromalidae known so far from the Indian subcontinent. Out of the genera reported from the region eight are endemic to India. Geographically, the checklist covers the so-called Indian subcontinent including Pakistan, India, Nepal, Bangladesh, Bhutan, Myanmar and Sri Lanka. When compared to the other geographical regions of the world,

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studies on the Pteromalidae of the Indian subcontinent is still in an infantile stage. The European fauna have been studied in detail by Graham (1969). The best work for the Australasian region is by Boucek (1988). Boucek and Heydon (1997) provided a key to the Nearctic fauna. Studies of Boucek *et al.* (1979), Farooqi and Subba Rao (1985, 1986) and Sureshan (2003a) provided a more comprehensive picture of pteromalid fauna of the Indian subcontinent, which is not isolated in the world. Many Palearctic genera and species are known from the Indian subcontinent apart from several Ethiopian and Australian elements. Several genera and species of Pteromalidae have become cosmopolitan in distribution due to their introduction in different parts of the world mainly with various crops and as bicontrol agents. Since many new taxa of Pteromalidae are being described from the region, the checklist has to be updated periodically.

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Checklist of species of the family Pteromalidae of the Indian subcontinent

SUBFAMILY: CLEONYMINAE

Genus *Cleonymus* Latreille, 1809*Cleonymus* sp. indet.

India: Uttar Pradesh.

Sri Lanka.

*Genus *Grooca* Sureshan & Narendran, 1995b*Grooca coorgensis* Sureshan & Narendran, 1995b

India: Karnataka: Coorg District: Nemanakolly; wet evergreen forest

Probably a parasite of beetles.

Genus *Heydenia* Forster, 1856*Heydenia tuberculata* Sureshan, 1999b

India: Karnataka: Coorg District: Chitekkanum; evergreen forest.

Heydenia indica Narendran *et al.*, 2001a

India: Jammu & Kashmir: Srinagar

Parasite of *Scolytus* sp. on apple.Genus *Notanisus* Walker, 1837*Notanisus* sp. indet.

India: Tamil Nadu: Eastern Ghats

Genus *Oodera* Westwood, 1874*Oodera ahoma* (Mani & Kaul in Mani *et al.*, 1973)

India: Assam: Lumding.

Sri Lanka: Galle District: Udugama: Kenneliya Jungle. Pakistan.

Oodera longicollis (Cameron, 1903)Burma: Pyinmana: Yanaungmyin Reserve and Myitkyina, Bilumyo Rerserve, ex. wood of *Tectona grandis*.Genus *Parepistenia* Dodd in Girault, 1915d*Parepistenia* sp. indet.

Sri Lanka.

Genus *Riekisura* Boucek, 1988*Riekisura keralensis* Narendran, 1992

India: Kerala: Pathanamthitta District: Konni Teak forest

Genus *Soleneura* Westwood, 1868*Soeneura ania* (Walker, 1846)

India: Uttaranchal: Dehra Dun; Assam.

Sri Lanka: Amp District: Ekgal Aru Reservoir jungle; Anu District: Padaviya Tank, Tri. District: Trincomalee; China Bay Ridge Bungalow. (Indonesia, Philippines).

Soleneura feretrius (Walker, 1846)

Sri Lanka (Malaysia).

SUBFAMILY: STOREYINAE

Genus *Storeya* Boucek, 1988*Storeya minuta* Sureshan, 1999a

India: Kerala: Idukki District: Eravikulam NP: Sambamalai: Montane grassland.

SUBFAMILY: ORMOCERINAE

Genus *Systasis* Walker, 1834*Systasis cenchrivora* Farooqi & Menon, 1972

India: Delhi

Phytophagous in seeds of *Cenchrus ciliaris**Systasis dalbergiae* Mani, 1942

India: Uttaranchal: Dehra Dun

Parasite of *Contarinia dalbergiae* making galls on *Dalbergia sissoo*.*Systasis dasyneurae* Mani, 1939

India: Bihar, Haryana, Maharashtra: Nagpur, Uttar

Pradesh: Allahabad, Madhya Pradesh: Jabalpur

Parasite of *Dasyneura lini**Systasis nigra* Sureshan, 2002a

India: Kerala: Idukki District: Eravikulam NP:

Rajamalai, montane grassland.

Systasis vishnu (Motschulsky, 1863)

Sri Lanka: Mt. Nuwara Eliya.

*Genus *Ecrizotomorpha* Mani, 1939*Ecrizotomorpha tashkiri* Mani, 1939

India: Haryana: Karnal

Hyperparasitic on *Dasyneura lini*; Bihar (Pruthi & Mani, 1940: 9).

SUBFAMILY: COELOCYBINAE

Genus *Erotolepsiella* Girault, 1915e*Erotolepsiella indica* Narendran, 2001

India: Kerala: Malappuram District: Calicut University campus: scrub jungle.

SUBFAMILY: DIPARINAE

Genus *Dipara* Walker, 1833*Dipara keralensis* Narendran & Sureshan, 2001

India: Kerala: Parambikulam WLS: Parambikulam, dry deciduous forest.

Dipara miniae Narendran & Sureshan, 2001

India: Kerala: Palghat District: Chindaki RF

Dipara mohanae Narendran & Sureshan, 2001

India: Kerala: Calicut District: Thiruvannoor: homestead vegetation.

Genus *Grahamisia* Delucchi, 1962*Grahamisia malabarensis* Narendran, 2000

India: Kerala: Malappuram District: Calicut University campus, scrub jungle.

Genus *Netomocera* Boucek, 1954*Netomocera nigra* Sureshan & Narendran, 1990

India: Kerala: Malappuram District: Calicut University campus, scrub jungle; Thrissur District: Peechi, dry deciduous forest.

Genus *Parurios* Girault, 1913b*Parurios keralensis* Narendran, 2000

India: Kerala: Idukki District: Moolamattom, scrub jungle; Malappuram District, Nilambur, dry deciduous forest; Kozhikode District: Anakampoyil, scrub jungle.

SUBFAMILY: CEROCEPHALINAE

Genus *Cerocephala* Westwood, 1832*Cerocephala dinoderi* Gahan, 1925India: Karnataka: Mysore: ex. *Sitophilus oryzae*.Sri Lanka: Thwaites: Peradeniya: ex. *Sitophilus oryzae*. (Philippines).Genus *Choetospilisca* Hedqvist, 1969*Choetospilisca indica* Mukerjee in Saraswat &

Mukerjee, 1975

India: Tamil Nadu: Yercaud: Eastern Ghats.

Genus *Theocolax* Westwood, 1832.*Theocolax elegans* (Westwood, 1874)

India: Kerala; Tamil Nadu; Karnataka; Delhi ex.

Sitophilus oryzae, stored grain pests (Cosmopolitan).

SUBFAMILY: SPALANGINAE

Genus *Spalangia* Latreille, 1805*Spalangia cameroni* Perkins, 1910

India: Delhi, Karnataka: Bangalore

Parasites of dipterous puparia mainly of synanthropic species (Cosmopolitan).

Spalangia endius Walker, 1839.

India: Chandigarh, Delhi.

Parasites of fly puparia (Cosmopolitan).

Spalangia fuscipes Nees, 1834

India: Andhra Pradesh, Mehboobnagar (Ahmad, 1998).

Spalangia gemina Boucek, 1963

India: Bengal; Karnataka; Tamil Nadu

Parasites of Dipterous puparia (Malaysia)

Spalangia nigroaenea Curtis, 1839India: Delhi, ex. *Chrysomya aenea*; Maharashtra; Karnataka: Bangalore: Poultry manure, parasites of fly puparia especially of synanthropic species.Bangladesh: Dhaka, ex. *Musca domestica*; Pakistan: Rawalpindi (Cosmopolitan).*Spalangia obscura* Boucek, 1963India: Karnataka: Kamalashile, ex. Tachnid in *Tirathaba mundella* (Malaysia, Philippines)*Spalangia parfuscipes* Ahmad, 1998

India: Uttar Pradesh: Muzaffarnagar.

Spalangia simplex Perkins, 1910

India: Uttar Pradesh (Ahmad, 1998).

SUBFAMILY: ASAPHINAE

Genus *Asaphes* Walker, 1834*Asaphes suspensus* (Nees, 1834)India: Kashmir: Srinagar, ex aphidiines in *Macrosiphum* sp. in *Rosa*, *Macrosiphoniella*

artemisiella on *Artemisia*, *Brevicoryne brassicae* on *Brassica campestris*, ex *Aphidius*, *Ephedrus*, *Toxares* and *Trioxys* sp. in various aphids; Punjab: Jalandhar, ex *Diaretiella rapae* in *Lipaphis erysimi*;
Pakistan: Swat, ex aphids on *Prunus persica* (Europe).
Common hyperparasite of aphids of worldwide distribution.

Asaphes vulgaris Walker, 1834
India: Meghalaya: Shillong, aphids on *Datura*; Chaubattia, ex *Brachycaudus helichrysi*;
Nepal: Kathmandu. (Australia, Europe).
Common, widely distributed hyperparasite of aphids.

SUBFAMILY: HERBERTIINAE

Genus ***Herbertia*** Howard, 1894
Herbertia indica Burks, 1959
India: Madhya Pradesh: Gwalior, parasite of leaf mining dipterous larvae; Madhya Pradesh: Damoh; Karnataka: Balehonnur, ex *Tropicomyia coffeae* on coffee;
Sri Lanka: Lubugama, ex *Melanagromyza* sp. (Malaysia).

SUBFAMILY: EUNOTINAE

* Genus ***Ajanta*** Narendran in Narendran & Mini, 1999
Ajanta malabarensis Narendran in Narendran & Mini, 1999
India: Kerala: Palakkad District: Malappuzha, grassland; Malappuram District, Calicut University campus, scrub jungle.

Genus ***Cephaleta*** Motschulsky, 1859
Cephaleta australiensis (Howard, 1896)
India: Uttar Pradesh: Aligarh, ex *Cerococcus* sp.; Assam: Motipur, on *Alternantia philoxeroides*; Orissa: Bhubaneswar, ex coccids on *Hibiscus*; Maharashtra: Nasik ex *Cerococcus* sp., Andhra Pradesh: Hyderabad, ex mealybug on *Cajanus cajan*.
Sri Lanka: Ambepussa, ex coccids on *Tephrosia candida*; Bangladesh: Dhaka, ex *Ferrisia virgata*, ex coccids on cotton.
Pakistan: Sialkot, ex coccid on *Hibiscus rosasinensis*. (Australia)

Cephaleta brunniventris Motschulsky, 1859
India: Assam: Toklai, ex *Asterolecanium* sp.; Bihar: Sabour, ex *Cerococcus hibisci*; Uttar Pradesh: Aligarh, ex *Ceroplastes pseudoceriferus*; Delhi on *Ficus*; Pondicherry, ex *Chloropulvinaria psidii*; Goa: Madgaon; Karnataka: Bangalore, ex coccid on *Basella rubra*; Balehonnur; Kerala: Thiruvananthapuram, ex *Ceroplastes* sp.; Calicut, on Coccids; Andaman islands, ex *Saissetia coffeae*.
Pakistan: Karachi, Azim; Sri Lanka.

Cephaleta nirupama Narendran & Mini, 1999
India: Tamil Nadu: Mangarai, ex coccids on *Acacia nilotica*.

Genus ***Moranila*** Cameron, 1881
Moranila californica (Howard, 1881)
India: Karnataka: Bangalore, ex *Saissetia* sp. (Australia, America)

Genus ***Ophelosia*** Riley, 1890
Ophelosia hayati Farooqi, 1984
India.

Ophelosia indica Farooqi, 1983
India: Maharashtra: Nasik, ex *Nipaecoccus* sp.

Genus ***Scutellista*** Motschulsky, 1859
Scutellista caerulea (Fonscolombe, 1832)
India: Hosts: coccids *Lecanium* sp., *Saissetia oleae*, *Parasaissetia nigra*.
Sri Lanka: Mt. Patanna. (Cosmopolitan).

Scutellista hayati (Farooqi, 1980)
India: Madhya Pradesh: Hoshangabad; Maharashtra: Manmad; Tamil Nadu: Vandalur, on *Cerococcus* sp.

SUBFAMILY: AUSTROTEROBINAE

Genus ***Austroterobia*** Girault, 1938
Austroterobia maldica Narendran, 2000
India: West Bengal: Malda.
Parasite of *Icerya* sp. on Mango tree.

SUBFAMILY: PTEROMALINAE

Genus ***Acroclisoides*** Girault & Dodd, 1915a
Acroclisoides indicus Ferriere, 1931b
India: Uttar Pradesh; Tamil Nadu: Chennai, ex pentatomid eggs.
Burma: N. Toungoo, Gwethe Reserve.

Acroclisoides maculatus Sureshan & Narendran, 2002c
India: Kerala: Calicut University campus, scrub jungle ex. Pentatomid eggs; Tamil Nadu: Coimbatore, scrub jungle.

Genus ***Agiommatus*** Crawford, 1911
Agiommatus geethae Sureshan & Narendran, 1996
India: Karnataka: Bangalore, ex eggs of *Spodoptera litura* on mulberry.
Agiommatus paria (Motschulsky, 1863).
India: Uttaranchal: Dehra Dun, ex eggs of *Acherontia styx*;
Sri Lanka: Mts. Nuwura-Eliya and Patannas.

Genus ***Anisopteromalus*** Ruschka, 1912
Anisopteromalus calandrae (Howard, 1881)
India: Kerala, Tamil Nadu, ex. *Sitophilus oryzae*; *Sitophilus granarium*, *Tribolium castaneum*;
Pakistan: Mirpur Khas, ex weevil *Athesapeuta cyperi* on *Cyperus rotundus*.
Burma: Mandalay District, Maymyo.
Cosmopolitan parasite of grain weevils and other beetles in stored products.

Genus ***Callitula*** Spinola, 1811
Callitula anguloclypea Sureshan, 2002b
India: Kerala, Parambikulam WLS, Orukomban, semi evergreen forest; Thrissur District, Vazhani, Peechi; Kannur District, Aralam; Palakkad District, Malappuzha, dry deciduous forest; Thiruvananthapuram District, Kovalam; Malappuram District, Chungathara, grasslands.

Callitula bambusae Narendran & Jobiraj in Narendran *et al.*, 2001c
India: Kerala: Thiruvananthapuram, Palode, from *Bambusae* inflorescence

Callitula keralensis Sureshan, 2002b
India: Kerala: Malappuram District, Vaniyampuzha; Thrissur District: Peechi, dry deciduous forest; Malappuram District: Calicut University Campus; Kannur District: Tellicherry; Kasaragod District: Manjeswaram; Ernakulam, scrub jungle; Palakkad District: Silent Valley, semi evergreen forest.

Callitula peethapada Narendran & Mohana in Narendran *et al.*, 2001c
India: Kerala: Alappuzha District: Kayamkulam, scrub jungle.

Callitula robusta Sureshan, 2002b
India: Kerala: Parambikulam WLS, Anappady, dry deciduous forest.

Callitula rugosa (Waterston, 1915)
India: Kerala: Malappuram District: Chungathara, Calicut University campus; Kannur District: Payannur; Alappuzha District: Kayamkulam; Quilon District: Chavara; Thiruvananthapuram District: Thiruvananthapuram, scrub jungle.
Sri Lanka: Peradeniya.

Callitula travancorensis Sureshan, 2002b
India: Kerala: Ernakulam; Quilon District: Chavara; Thiruvananthapuram District: Kattakada, scrub jungle; Palakkad District: Agali, grassland.

Genus ***Catolaccus*** Thomson, 1878
Catolaccus crassiceps (Masi, 1911)
India: Punjab: Ludhiana, ex *Apanteles glomeratus*; Uttaranchal: Dehra Dun, ex *Apanteles* in *Hymenia fascialis*; Uttar Pradesh: Aligarh, twig with *Centroccoccus insolitus*; Delhi on *Tamarix* and on Lucerne.
Pakistan: Bhalwar, ex *Platyedra gossypiella*; Ringli, ex *Characoma nilotica*; Wasirabad, ex cocoons of *Coniatus indicus* on *Tamarix dioica*. (Europe).

Genus ***Cheiopachus*** Westwood, 1828
Cheiopachus quadrum (Fabricius, 1787)
India: Himachal Pradesh: Mashobra, on cherry bark; Jammu & Kashmir, ex *Scolytus* sp. on apple tree.
Pakistan: Quetta, in twigs of *Malus pumila*? (Europe, America).

- Genus *Chlorocythus* Graham, 1956a
Chlorocythus indicus Sureshan, 2000a
India: Throughout Kerala, Grass lands
- Chlorocythus murriensis*** Graham, 1965
Pakistan: Murree
- Chlorocythus xanthopus*** (Cameron, 1906)
India: Delhi.
Pakistan: Quetta.
- Genus *Conomorium* Masi, 1924a
***Conomorium* sp. indet.**
India: Uttar Pradesh.
- Genus *Coruna* Walker, 1833
Coruna clavata Walker, 1833
India: Kashmir: Srinagar ex *Trioxys indicus* in *Macrosiphum* sp. (Europe).
- Genus *Cryptoprymna* Forster, 1833
Cryptoprymna brama (Motschulsky, 1863)
Sri Lanka: Thwaites. (Malaysia).
- Cryptoprymna elongata*** Sureshan & Narendran, 2000a
India: Kerala: Idukki District, Kulamavu; Palakkad District: Mukali; Wynad District: Mananthavady, scrub jungle.
- Cryptoprymna indiana*** Sureshan & Narendran, 2000a
India: Kerala: Thrissur District, Peechi; Palakkad District: Silent Valley, Anakkaty; Malappuzha, dry deciduous forest
- Genus *Cyclogastrella* Bukowski, 1938
Cyclogastrella nigra Sureshan, in press
India: Kerala: Pathanamthitta District, Muzhiyar, semi evergreen forest.
- Genus *Cyrtogaster* Walker, 1833
Cyrtogaster clavicornis Walker, 1833
India: Kerala: Eravikulam NP: Eravikulam, Bhimnada, montane grassland (Sureshan, 2002). (Europe, America).
- Genus *Cyrtoptyx* Delucchi, 1956
Cyrtoptyx latipes (Rondani, 1877)
India: Tamil Nadu: Thirunelveli District, Dohnavur, Coimbatore, ex *Hypolixus* in *Amaranthus*.
Pakistan: Islamabad, ex *Cydia sinana* in stem of *Cannabis sativa*; Rawalpindi, ex *Hypolixus truncatulus* in *Amaranthus spinosus*; Khushab, ex larva in *Cypparis decida*. (Europe).
- Genus *Delislea* Girault, 1936
Delislea rahimani Narendran & Anil in Narendran *et al.*, 1992b
India: Kerala: Alappuzha District: Kayamkulam
Hyperparasitic on the cocoon of *Apanteles taragamae* on *Opisina arenosella*.
- Genus *Dibrachys* Forster, 1856
Dibrachys cavus (Walker, 1835)
India: Himachal Pradesh, ex soil with pupae of *Ectopis deodarae*. (Cosmopolitan).
- Genus *Dinarmus* Thomson, 1878
Dinarmus acutus (Thomson, 1878)
India: Kerala (Europe, Africa).
- Dinarmus altifrons*** (Walker, 1862)
India: Uttaranchal, Dehra Dun, ex *Caryedon gonagra*, indet. bruchids; Punjab: Ludhiana, ex bruchid on *Sesbania acutifolia*; Delhi, on *Sesbania*; Tamil Nadu: North Salem, Jawalagiri; Coimbatore, from seeds of *Albizia lebeck* (Sureshan, 2001).
Pakistan: Karrat, ex pods of *Pueraria tuberosa*; Karachi, ex bruchid. (Europe, Africa).
- Dinarmus basalis*** (Rondani, 1877)
India: Rajasthan: Udaipur, ex bruchids; Delhi, ex bruchid; Jharkhand: Dholi, on wild chillies; Haryana, ex *Trogoderma granarium*; Andhra Pradesh: Hyderabad, stored grain; Karnataka: Bangalore. Pakistan: Karachi; Bangladesh. (Europe, Africa, Thailand).
- Dinarmus colemani*** (Crawford, 1913)
India: Kerala: Thrissur District, Changaramkulam, scrub jungle (Sureshan & Narendran, 2001a); Karnataka: Bangalore; Tamil Nadu: Delhi, ex *Callosobruchus chinensis*, on grass; Jharkhand: Dholi, on wild chillies.
Bangladesh: Dhaka.
- Dinarmus maculatus*** (Masi, 1924)
India: Throughout Kerala, all types of vegetations; Burma.
- Dinarmus vagabundus*** (Timberlake, 1926)
India: Punjab, Karnataka, Tamil Nadu and Kerala: from stored pulses infested with beetles.
Pakistan: Karachi.
Sri Lanka: Peradeniya. (Vietnam, Africa).
- Genus *Eunerua* Walker, 1844
Euneura lachni (Ashmead, 1877)
Pakistan: Quetta, on *Myzus persicae* (= *Lachnus* sp. (Europe, America).
Hyperparasitic in aphids.
- Genus *Eurydinotomorpha* Girault, 1913
Eurydinotomorpha malabarensis Sureshan & Narendran, 1990
India: Kerala: Malappuram District, Calicut University campus, scrub jungle.
- Eurydinotomorpha petiolatus*** (Boucek, 1973).
Sri Lanka. (Malaysia)
- Genus *Halticopterella* Girault & Dodd, 1915
Halticopterella burwelli Sureshan, 2001a
India: Kerala: Kannur District, Kottiyoor, semi evergreen forest; Wynad District: Appappara RF;
- Palakkad District: Parambikulam WLS; Pathanamthitta District: Konni, dry deciduous forest.
- Halticopterella longiflagellum*** Sureshan, 2001a
India: Kerala: Wynad District, Thirunelli; Pathanamthitta District: Muzhiyar, evergreen forest.
- Halticopterella rampurensis*** Sureshan, 2001a
India: Kerala: Wynad District: Rampur, evergreen forest; Ottappara, evergreen forest.
- Halticopterella robusta*** Sureshan, 2001a
India: Kerala, Thrissur District, Peechi, deciduous forest; Alappuzha District: Kayamkulam, scrub jungle.
- Genus *Homoporus* Thomson, 1878
Homoporus acuminatus Sureshan & Narendran, 2000b
India: Kerala: Kozhikode District: Calicut, scrub jungle; Palakkad District: Parambikulam WLS, dry deciduous forest.
- Homoporus gladius*** Sureshan & Narendran, 2000c
India: Kerala: Kozhikode District, Thiruvannor; homestead vegetation; Kasaragod District: Neeleswaram; Palakkad District: Malappuzha, Mukali; Malappuram District, Calicut University Campus. Mukali, scrub jungle.
- Genus *Inkaka* Girault, 1939
Inkaka keralensis Sureshan & Narendran, 1997a
India: Kerala, Kasaragod District, Manjeswaram; Malappuram District: Thalappara; Palakkad District: Malappuzha, grass land.
- Genus *Ischyroptyx* Delucchi, 1956
***Ischyroptyx* sp. indet.**
India: Delhi, Bihar.
- * Genus *Kumarella* Sureshan, 1999
Kumarella angulus Sureshan, 1999c
India: Kerala: Palakkad District: Parambikulam WLS, Tellickal, Sirkarpathi-I, dry deciduous forest; Malappuram District: Calicut University campus, scrub jungle.
- Kumarella sandroi*** Narendran & Mohana in Narendran *et al.*, 2001.
India: Kerala: Wynad District: Sultan's Battery, semi evergreen forest.
- Genus *Lariophagus* Crawford, 1909
Lariophagus distinguendus (Forster, 1841).
India: Throughout Kerala; Tamil Nadu; Nepal: Kathmandu. (Cosmopolitan).
Parasite of grain weevil and other beetles attacking stored grains, in particular *Sitophilus* spp.
- * Genus *Manineura* Boucek, 1978
Manineura pentatomivora (Mani, 1939)
India: Eastern Himalaya: Kalimpong; North Bengal,

parasitic in the eggs of Pentatomid *Urostylis punctigera*

Genus *Merismomorpha* Girault, 1913a

Merismomorpha elongata Sureshan, 2000b
India: Kerala: Palakkad District: Agali, grassland

Merismomorpha minuta Sureshan, 2000b
India: Kerala: Palakkad District: Malampuzha; Wynad District: Tirunelli; Malappuram District: Calicut University campus, scrub jungle.

Merismomorpha truncata Sureshan, 2000b
India: Kerala: Malappuram District: Calicut University Campus, scrub jungle.

Merismomorpha yousufi Ahmad & Agarwal, 1994
India: Uttar Pradesh: Nainital.

Genus *Mesopolobus* Westwood, 1833

Mesopolobus harithus Sureshan & Narendran, 2002a
India: Kerala: Palakkad District: Silent Valley, evergreen forest.

Mesopolobus keralensis Sureshan & Narendran, 2002a
India: Throughout Kerala, scrub jungle.

Mesopolobus minutus Sureshan & Narendran, 2002a
India: Kerala, Thrissur District: Vazhani, dry deciduous forest; Idukki District: Eravikulam NP, Turner's hill, montane grassland; Ernakulam, Pathanamthitta District: Konni; Kannur District: Tellicherry, scrub jungle.

Genus *Metacolus* Forster, 1856

Metacolus beelsoni (Mani & Kaul, 1973)
India: Simla, Kashmir, Uttar Pradesh. (Israel).

Metacolus unifasciatus (Forster, 1856)
India: Himachal Pradesh: Dokhri, (Europe).

Genus *Metastenus* Walker, 1834

Metastenus concinnus Walker, 1834
India: Kerala: Kottayam, with coccids; (Europe).

Metastenus indicus Sureshan & Narendran, 2002c
India: throughout Kerala. All type of vegetations.

Genus *Miscogasteriella* Girault, 1915c

Miscogasteriella jayasreeae Sureshan, 1999c
India: Kerala: Parambikulam WLS: Thellickal, dry deciduous forest.

Genus *Mokrzeckia* Mokrzecki, 1933

Mokrzeckia menzeli Subba Rao, 1973
India: Uttaranchal: Dehra Dun, hyperparasitic on *Hapalia machaeralis* through *Apanteles malevolus*; *Hybloea purea*, through *Micocolus dubius*; ex *Apanteles oblique*; indet. cocoons. Kerala: Eravikulam NP: Sambamalai, Rajamalai, montane grassland.

Mokrzeckia orientalis Subba Rao, 1973

India: Karnataka, Maharashtra, and Uttar Pradesh, parasite in cocoons of *Apanteles* sp.
Sri Lanka: Talawakelle, with *Hamonía coffearea*, (Indonesia, Thailand)

* Genus *Narendrella* Sureshan, 1999c

Narendrella nilamburensis Sureshan, 1999c
India: Kerala: Malappuram District: Nilambur; Kannur District: Nedumpoyil; Palakkad District: Parambikulam WLS: Anappady, dry deciduous forests; Malappuram District: Calicut University campus; Alappuzha District: Kayamkulam, scrub jungle.

Genus *Nasonia* Ashmead, 1904

Nasonia vitripennis (Walker, 1836)
India: Delhi. (Cosmopolitan).

Genus *Norbanus* Walker, 1843

Norbanus acuminatus Dutt & Ferriere, 1961
India: West Bengal, Barrackpore, parasite of Cerambycid beetle *Nupserha bicolor*; throughout Kerala.

Norbanus birmanus (Masi, 1927)
Burma.

Norbanus equus Sureshan, 2003a
India: Throughout Kerala, all type of vegetations.

Norbanus indorum (Masi, 1927)
India: Orissa; Pakistan: Sheikapura, ex borer in Cyperaceae.

Norbanus malabarensis Sureshan, 2003a
India: Kerala: Palghat District, Silent Valley; Thrissur District: Vazhani, moist deciduous forest.

Norbanus scrobatus Sureshan, 2003a
India: Kerala: Palghat District, Silent Valley; Quilon District: Kuravanthavalam, semi evergreen forest.

Norbanus thekkadiensis Sureshan, 2003a
India: Kerala: Idukki District: Thekkadi; Palakkad District, Malampuzha; Malappuram District: Chungathara, moist deciduous forest; Karnataka: Coorg District, Otekolly, semi evergreen forest.

Genus *Notoglyptus* Masi, 1917.

Notoglyptus scutellaris (Dodd & Girault, 1915a)
India: Uttar Pradesh: Aligarh; Delhi; Kerala. (Europe, Japan, South Africa, America, Australia).

Genus *Oniticellobia* Boucek, 1976

Oniticellobia longigastra Sureshan & Narendran, 1994a
India: Alappuzha District, Kayamkulam; Ernakulam; Pathanamthitta District: Konni; Malappuram District, Calicut University campus, scrub jungle; Palakkad District: Parambikulam WLS, Venkloi, Parambikulam, dry deciduous forest.

* Genus *Oricoruna* Boucek, 1978

Oricoruna arcotensis (Mani & Kurian, 1953)
India: Jharkhand: Ranchi, in cage with Indian lac infested by *Icerya aegyptiaca*; Karnataka: Bangalore.

Genus *Oxysychnus* Delucchi, 1956

Oxysychnus coimbatorensis (Ferriere, 1939)
India: Tamil Nadu: Coimbatore; Andhra Pradesh: Bihar Pusa; Delhi; Kerala.

Pakistan: Sialkot, ex stem of *Amaranthus viridis* ex *Hypolix truncatulus*, *Pemppherulus affinis*.

Oxysychnus macregaster Sureshan & Narendran, 2002b

India: Kerala: Malappuram District: Calicut University Campus; Thrissur District: Peechi; Alappuzha District: Shertallai, scrub jungle.

Oxysychnus nupserhae (Dutt & Ferriere, 1961)
India: West Bengal; Kerala: Parambikulam WLS; Wynad District: Nanchal, dry deciduous forest; Thiruvananthapuram District: Kazhakuttom; Malappuram District: Calicut University campus, scrub jungle.
Parasite of *Nupserha bicolor* girdling jute stem

Oxysychnus sphenopterae (Ferriere, 1931a)
India: Punjab, parasite of larvae of *Sphenoptera gossypii* (Africa)

Genus *Pachycrepoideus* Ashmead, 1904

Pachycrepoideus veerannai Narendran & Anil in Narendran *et al.*, 1992a
India: Karnataka: Bangalore, pupa parasite of *Exorista sorbillans* on *Bombyx mori*.

Pachycrepoideus vindemmiae (Rondani, 1875)
India: Chandigarh, ex *Musca domestica*; Maharashtra: Nagpur, ex dipterous pupae, ex *Orseolia oryzae*; Karnataka: Bangalore, ex pupae in poultry manure; Tamil Nadu: Madurai, ex tachinid pupa. (Europe).

Genus *Pachyneuron* Walker, 1833

Pachyneuron aeneum Masi, 1929
India: Delhi; Uttar Pradesh: Aligarh; Maharashtra: Pune, ex syrphid puparium. (Europe).

Pachyneuron ahaense Mani & Saraswat, 1974
India: Delhi; Himachal Pradesh; Karnataka: Bangalore, ex syrphid puparium.

Pachyneuron aphidis (Bouche, 1834)

India: Kashmir: Srinagar, ex *Myzus* sp. on *Prunus domestica*, ex *Aphidius* sp. in *Macrosiphum* sp.; Delhi; Haryana.
Pakistan: Swat, ex aphids on *Prunus persica*. (Europe).

Pachyneuron chambaense Mani & Saraswat, 1974
India: Himachal Pradesh.

Pachyneuron groenlandicum (Holmgren, 1872)
India: Kashmir: Srinagar with *Brachydacudus* sp. on

- Cardus*: Delhi; Orissa: Bhubaneswar, ex syrphid; Kerala: Palakkad District: Kalkandi; Tamil Nadu; Karnataka: Bangalore, ex *Ishiodon* sp. on *Cassia* sp. Himachal Pradesh: Haryana. (Europe).
- Pachyneuron leucopiscida*** Mani, 1939
India: Tamil Nadu: Coimbatore, ex *Leucopis nigricornis* on *Zea mays*; Bihar: Pusa, with *Dactylopius* sp. on cotton.
- Pachyneuron solitarium*** (Hartig, 1838)
India: Kerala: Quilon District: Kottayam (Sureshan & Narendran, 2000 c) (Europe, Japan).
- Genus ***Paracarotomus*** Ashmead, 1894
Paracarotomus cephalotes Ashmead, 1894
India: Karnataka: Bangalore, ex syrphid. (Australia, America, Europe)
- * Genus ***Paraiemea*** Sureshan & Narendran, 1998
Paraiemea convexa Sureshan & Narendran, 1998
India: Kerala: Malappuram District; Calicut University campus, scrub jungle.
- Paraiemea vishnuae*** Sureshan & Narendran, 1998
India: Kerala: Idukki WLS, Vellaikamali; Palakkad District: Silent Valley; Wynad District: Puzhamudi; Thrissur District: Peechi, semi evergreen forest.
- Genus ***Platecrizotes*** Ferriere, 1934
***Platecrizotes* sp.** indet.
India: Tamil Nadu.
- Genus ***Propicroscytus*** Szelenyi, 1941
Propicroscytus mirificus (Girault, 1915c)
India: Throughout Kerala, grass lands; Uttar Pradesh: Aligarh, parasite of gall midges in rice and stems of other grasses.
Sri Lanka. (Australia).
- Propicroscytus oryzae*** (Subba Rao, 1973)
India: Throughout Kerala; Orissa; Maharashtra; Andhra Pradesh, parasite of *Orseolia oryzae*, ex paddy gall fly.
Sri Lanka.
- Genus ***Psilocera*** Walker, 1833
Psilocera clavata Sureshan & Narendran, 1995a
India: Kerala: Malappuram District: Calicut University campus, scrub jungle.
- Psilocera clavicornis*** (Ashmead, 1904)
Sri Lanka. (South America).
- Psilocera ghanii*** Subba Rao, 1981
Pakistan: Babakewal. parasitic on *Cryptocephalus faustus* on *Tamarix diocia*.
- Psilocera heydoni*** Sureshan, 2001b
India: Karnataka: Coorg District: Nemanakolly RF, Otekolly RF.
- Psilocera scutellata*** Sureshan, 2001b
India: Kerala: Malappuram District: Calicut University
- Campus, scrub jungle; Palakkad District: Parambikulam WLS, dry deciduous forest.
- Psilocera vinayaki*** Sureshan & Narendran, 1995a
India: Kerala: Kasaragod; Malappuram District: Calicut University campus; Alappuzha District: Kayamkulam; Kannur District: Payyannur, scrub jungle; Waynad District: Puzhamudi; Idukki District: Thekkadi, dry deciduous forest.
- Genus ***Pteromalus*** Swederus, 1795
Pteromalus keralensis Sureshan, 2001
India: Throughout Kerala, all types vegetations
- Pteromalus metallicus*** Sureshan, 2001c
India: Throughout Kerala, grass lands and cultivated fields.
- Pteromalus nigrus*** Sureshan, 2001c
India: Kerala: Palakkad District: Malampuzha; Kalkandi, dry deciduous forest.
- Pteromalus puparum*** (Linnaeus, 1758)
India: Kerala: Palakkad District: Anakkatty; Mukali; Wynad District: Sultan's Battery, grassland; Uttaranchal: Dehra Dun; Bihar: Pusa; Meghalaya: Shillong. (Cosmopolitan).
- Pteromalus semotus*** (Walker, 1834)
India: Throughout Kerala; common parasite in pupae of various lepidoptera and certain beetles.
Pakistan. (Europe).
- Pteromalus sequester*** Walker, 1835
India: Punjab on *Sesbania acutifolia*; Delhi on Lucerne. (Europe).
- Genus ***Rhaphitelus*** Walker, 1834
Rhaphitelus maculatus Walker, 1834
India: Kashmir, parasite of *Scolytus* sp. on apple (Narendran, *et al.*, 2001a) (Europe, Australia, America).
- Genus ***Rhopalicus*** Forster, 1856
***Rhopalicus* sp.** indet.
India: Meghalaya: Shillong, Khasi Hills, ex *Blastophagus khasianus* on *Pinus khasia*.
- Genus ***Roptrocerus*** Ratzeburg, 1844
Roptrocerus xylophagorum (Ratzeburg, 1844)
India: Uttaranchal: Dehra Dun, parasite of bark beetles (Scolytidae). (Europe, N. America).
- Genus ***Schizonotus*** Ratzeburg, 1852
Schizonotus latus (Walker, 1833)
Pakistan: Lyalpur, ex *Chrysomelid* on *Populus*. (Europe).
- Schizonotus sieboldi*** (Ratzeburg, 1852)
Pakistan: Murree, ex coccinellid pupa on fir. (Europe).
- Genus ***Sphegigaster*** Spinola, 1811
Sphegigaster anamudiensis Sureshan & Narendran 1997b
India: Kerala: Eravikulam NP, Anamudi, montane grassland.
- Sphegigaster brunneicornis*** (Ferriere, 1930)
India: Throughout Kerala, all types of vegetations.
Sri Lanka: Peradeniya ex *Ophiomyia phaseoli* on beans.
- Sphegigaster indica*** Sureshan & Narendran, 2001b
India: Kerala: Parambikulam WLS: Orukomban, evergreen forest.
- Sphegigaster reticulata*** Sureshan & Narendran, 1997b
India: Kerala: Palakkad District: Parambikulam, dry deciduous forest.
- Sphegigaster stepicola*** Boucek, 1965
India: Throughout Kerala, all types of vegetations; Karnataka: Bangalore: ex *Melanagromyza soyae*; Delhi; Bihar; Uttar Pradesh, parasitic on *Melanagromyza* and *Phytomyza* sp. (Europe, Austria, Algeria).
- Genus ***Sphegigastrella*** Masi, 1917
***Sphegigastrella* sp.** indet.
Sri Lanka. (Africa).
- Genus ***Syntomopus*** Walker, 1833
Syntomopus carinatus Sureshan & Narendran, 1999b
India: Throughout Kerala, forest vegetation.
- Syntomopus nigrus*** Sureshan & Narendran 1999b
India: Kerala: Palakkad District: Anakatty, Kalkandi, grassland.
- Syntomopus rajamalaiensis*** Sureshan & Narendran 1999b
India: Kerala: Eravikulam NP: Rajamalai, montane grassland.
- Genus ***Toxeumorpha*** Girault, 1915c
Toxeumorpha megacephala (Waterston, 1915)
Sri Lanka: Bandarawela, ex tea leaf-miner *Tropicomyia theae*.
- Toxeumorpha minuta*** Sureshan & Narendran, 2000a
India: Kerala: Malappuram District: Calicut University Campus, scrub jungle.
- Genus ***Trichomalopsis*** Crawford, 1913.
Trichomalopsis acarinata Sureshan & Narendran, 2001c
India: Kerala, southern districts, cultivated fields.
- Trichomalopsis apanteloctena*** (Crawford, 1911)
India: Throughout Kerala, Tamil Nadu, Karnataka, paddy field.
Bangladesh. (Japan, Korea, Malaysia, China, Taiwan, Philippines, Formosa).

- Trichomalopsis deplanata** Kamijo & Grissell 1982
India: Kerala: Pathanamthitta District: Ranni; Malappuram District: Tenjipalam; Thiruvananthapuram District: Vayalar, paddy field; West Bengal, Tachnid puparia on paddy. (China, Japan, Korea).
- Trichomalopsis neelagastra** Sureshan & Narendran, 2001c
India: Kerala: southern districts, paddy and other cultivated fields.
- Trichomalopsis nigra** Sureshan & Narendran, 2001c
India: Kerala, southern districts, grassland.
- Trichomalopsis ovigastra** Sureshan & Narendran, 2001c
India: Kerala, southern districts, paddy field.
- Trichomalopsis thekkadiensis** Sureshan & Narendran, 2001c
India: Throughout Kerala, paddy fields and adjacent vegetations.
- Trichomalopsis travancorensis** Sureshan & Narendran, 2001c
India: Throughout Kerala, cultivated fields.
- Genus **Trichomalus** Thomson, 1878.
Trichomalus kannurensis Sureshan & Narendran 1994b
India: Kerala: Kannur District: Aralam farm; Kottayam District: Athirampuzha; Kozhikode District, Peruvannamuzhi; Wynad District: Puzhamudi, grassland.
- Trichomalus keralensis** Sureshan 2002a
India: Kerala: Eravikulam NP, Rajamali, montane grassland.
- Genus **Unicypea** Boucek, 1976
Unicypea elongata Sureshan & Narendran, 1997a
India: Kerala: Parambikulam WLS, dry deciduous forest.
- Unicypea kumarani** Sureshan & Narendran, 1994b
India: Kerala: Malappuram District: Calicut University campus; Nilambur, scrub jungle.
- SUBFAMILY: MISCOGASTERINAE**
Genus **Halticoptera** Spinola, 1811
Halticoptera agaliensis Sureshan, 2003b
India: Kerala: Palakkad District: Agali; Malappuram District: Calicut University Campus, scrub jungle.
- Halticoptera propinqua** (Waterston, 1915)
India: Delhi, on Lucerne; Andhra Pradesh: Hyderabad, on *Phaseolus vulgaris*; throughout Kerala, grassland. Pakistan. Sri Lanka: Paradeniya.
- Genus **Lamprotatus** Westwood, 1833
Lamprotatus sp. indet.
India: Nepal. (Boucek, *et al.*, 1979)
- Genus **Merismus** Walker, 1833
Merismus indicus Ahmad, 1997
India: Uttaranchal: Nainital.
- Merismus sp.** indet.
India: Tamil Nadu; Nepal. (Boucek, *et al.*, 1979).
- Genus **Miscogaster** Walker, 1833
Miscogaster sp. indet.
India: Delhi (Boucek, *et al.*, 1979)
- Genus **Seladerma** Walker, 1834
Seladerma sp. indet.
(Burma) (Boucek, *et al.*, 1979)
- Genus **Stictomischus** Thomson, 1876
Stictomischus turneri Sureshan 2002a
India: Kerala: Eravikulam NP, Turner's Hill, montane grassland.
- Genus **Thinodytes** Graham, 1956
Thinodytes cyzicus (Walker, 1839)
India: Delhi, on Lucerne, Europe.
- SUBFAMILY: PANSTENONINAE**
Genus **Panstenon** Walker, 1846
Panstenon sp. indet.
India: Kerala (unpublished data, Sureshan)
- SUBFAMILY: PIRENINAE**
Genus **Trigonoderopsis** Girault, 1915d
Trigongoderopsis bouceki Ahmad & Agarwal, 1994
India: Uttar Pradesh: Aligarh.
- Genus **Gastrancistrus** Westwood, 1833
Gastrancistrus agarwali Ahmad, 1995
India: Haryana, Rohtak.
- Gastrancistrus (Gastrancistrus) bengalicus** Narendran *et al.*, 2001b
India: West Bengal, Murshidabad, ex. mango gall midge.
- Gastrancistrus (Magistrus) cherryi** Boucek 1986
India: West Bengal, Malda, ex mango gall midge.
- Gastrancistrus (Gastrancistrus) muneswari** Yadav, 1978
India: Bihar, Sabour, ex *Oligotrophus mangiferae*; West Bengal, Murshidabad, ex *Rhabdophaga mangiferae*.
- SUBFAMILY: MACROMESINAE**
Genus **Macromesus** Walker, 1848
Macromesus harithus Narendran *et al.*, 2001a
India: Kashmir: Srinagar, ex *Scolytus sp.* on *Malus silvestris*.
- * Endemic to India; Distribution of the species outside Indian subcontinent given in brackets.
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List of invalid species and species transferred from one genus to another

- Acanthometopon clavicorne* Ashmead, 1904 to *Psilocera*
Acroclisis melanagromyza Mani, 1971 to *Sphegigaster*
Agiommatus acherontiae Ferriere, 1931 - see *Agiommatus paria*
Anysis tripathi Kaul, 1974 - to *Cephaleta*
Asaphes swaraji Sharma & Subba Rao, 1958 - see *Asaphes suspenses*
Asoka petiolatus Boucek, 1973 to *Eurydinotomorpha*
Austrogerrus sp. to *Parepistinia*
Bruchobius colemani Crawford, 1913 to *Dinarmus*
Cardiogaster fusciventris Motschulsky, 1863 to *Cephaleta*
Cephaleta hayat Farooqi, 1980 to *Scutellista*
Cephaleta purpureiventris Motschulsky, 1859 see *Cephaleta brunneiventris*
Chalcedectus indicus Mani & Kaul, 1973 unplaced
Choetospila elegans Westwood, 1874 to *Theocolax*
Dinarmus coimbatorensis Ferriere, 1939 to *Oxysychnus*
Encyrtus obstructus Walker, 1860 to *Cephaleta*
Epistenia longicollis Cameron, 1903 to *Oodera*
Etroxys marginicollis Cameron, 1906 to *Pteromalus*
Etroxys xanthopus Cameron, 1906 to *Chlorocyclus*
Eulophus brama Motschulsky, 1863 to *Cryptoprymna*
Eulophus paria Motschulsky, 1863 to *Agiommatus*
Eulophus vischnu, Motschulsky, 1803 to *Systasis*
Eupteromalus pamarae Gahan, 1919 to *Trichomalopsis*
Eurycephalus alcocki Ashmead, 1903 to *Cephaleta*
Eurycranium saissetiae Ashmead, 1905 to *Cephaleta*
Gastrancistrus mangiferae Rao, 1981 see *Gastrancistrus* (G) *muneswari*
Lycisca ahoma Mani & Kaul, 1973 to *Oodera*
Miscogaster cyzicus Walker, 1839 to *Thinodytus*
Mokrzeckia indica Rao, 1973 see *Mokrzeckia orientalis*, *Mokrzeckia menzeli*
Neocatolaccus indicus Ayyar & Mani, 1937 to *Anisopteromalus*
Neocatolaccus nupserhae Dutt & Ferriere, 1931 to *Oxysychnus*
Neoepisetnia coorgensis Narendran & Sureshan, 1995 see *Grooca coorgensis*
Nigricolana megacephala (Waterston) to *Toxeomorpha*
Notoglyptus virescens Masi, 1917 - see *Notoglyptus scutellaris*
Oedaule stringifrons Waterston, 1922 to *Dinarmus*
Obtusiclava oryzae Rao, 1973 to *Propicroscytus*
Ophelosia crawfordi Riley, 1890 - see *Ophelosia indica*
Pachyceras xylophagorum Ratzeburg, 1844 to *Roptrocerus*
Pachyneuron pentatomivora Mani, 1939 - to *Manineura*
Pachyneuron uniarticulata Mani & Saraswat, 1974 to *Asaphes*
Pachycrepoides arcotensis Mani & Kurian, 1953 to *Oricoruna*
Pachycrepoides coorgensis Mani & Kurian, 1953 to *Oricoruna*
Pachycrepoides indicus Bhatnagar, 1952 to *Asaphes*
Pachyneuron bakrotus Mani & Saraswat, 1974 - see *Pachyneuron groenlandicum*
Pachyneuron karnalensis Mani, 1939 see *Pachyneuron groenlandicum*
Pachyneuron deccanensis Mani & Saraswat, 1974 - see *Pachyneuron aeneum*
Pachyneuron ferriere Mani, 1939 - see *Pachyneuron aphidis*
Pachyneuron jandrihatensis Mani & Saraswat, 1974 - see *Pachyneuron chambensis*
Pachyneuron kamathi, Mani & Saraswat, 1974 - see *Pachyneuron aeneum*
Pachyneuron karnalensis Mani, 1939 - see *Pachyneuron groenlandicum*
Pachyneuron lali Mani, 1939 - see *Pachyneuron aphidis*
Pachyneuron nazeeri Mani, 1939 to *Euneura*
Pachyneuron pentatomivora Mani, 1939 to *Manineura*
Pachyneuron triarticulata Mani & Saraswat, 1974 - see *Pachyneuron aphidis*
Pachyneuron uniarticulata Mani & Saraswat, 1974 to *Asaphes*
Picroscytus birmanus Masi, 1927 to *Norbanus*
Picroscytus indorum Masi, 1927 to *Norbanus*
Polycystus propinquus Waterston, 1915 to *Halticoptera*
Propicroscytus indicus Rao, 1981 - see *Propicroscytus mirificus*
Pteromalus groenlandicus Holmgren, 1872 to *Pachyneuron*
Pteromalus magniceps Walker, 1860 to *Cephaleta*
Pteromalus oryzae Cameron, 1881 to *Anisopteromalus*
Pteromalus schwenkei Roomi, Khan & Khan, 1972 to *Anisopteromalus*
Roptrocerus sulcatus Waterston, 1922 - see *Roptrocerus xylophagorum*
Scutellista cyanea Motschulsky, 1859 - see *Scutellista carulea*
Sphaerakis maculatus Masi, 1924 to *Dinarmus*
Thaumasura indica Mani & Kaul, 1973 - unplaced
Trichomalus apanteloctenus Crawford, 1911 to *Trichomaopsis*
Trigonogastra brunneicornis Ferriere, 1930 to *Sphegigaster*
Trigonogastra joachimi Fernando, 1959
Trigonogastra megacephala Waterston, 1915 to *Toxeomorpha*
Trigonogastra peninsularis Dubey, 1974 - unplaced
Trigonogastra rugosa Waterston, 1915 to *Callitula*
Zapachia beesoni Mani & Kaul, 1973 to *Metacolus*