

Checklist of the Pergidae (Hymenoptera: Symphyta) of Australasia

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Introduction

The most recent catalogue of the family Pergidae includes 139 species for the Australasian region (Smith 1978). Since Smith's catalogue, several new species have been described, and the present checklist contains 162 species in 25 genera, 139 species of them occurring in Australia, and 23 species confined to Indonesia (Celebes, Irian Jaya) and Papua New Guinea.

The family Pergidae is currently divided into 14 subfamilies of which 9 occur in Australasia. Of these 9 subfamilies only the Perreyiinae do not occur in Australia but are represented by a single genus (*Cladomacra*) in Indonesia and Papua New Guinea. Three subfamilies, Phylacteophaginae, Pteryperginae, and Styracotechyinae, are endemic to Australia, three, Perginae, Pterygophorinae, and Euryinae, occur both in Australia and Indonesia or Papua New Guinea, and three, Pergulinae, Philomastiginae, and Perreyiinae, are shared with South America.

Including recent revisions on Orussidae (Schmidt & Gibson 2001, Schmidt & Vilhelmsen 2002) and Tenthredinidae (Naumann et al. 2002), the Australian fauna of Symphyta currently comprises 188 species, which is 12 species more than in Naumann's (1991) treatment of the Australian Hymenoptera.

For each Australian species the states where it occurs are given; for non-Australian species the country and, if appropriate, the province are given. Food plant records are included if known and were taken from the literature given in the references section, new records are marked with an asterisk. Abbreviations for Australian states are as follows:

ACT	Australian Capital Territory
NSW	New South Wales
QLD	Queensland
SA	South Australia
TAS	Tasmania
VIC	Victoria
WA	Western Australia.

List of species

Family Pergidae

Subfamily Euryinae

Genus *Ancyloneura* Cameron, 1877

Ancyloneura annulicornis Benson, 1934 — (Indonesia (Irian Jaya))

Ancyloneura brevisetosa Benson, 1934 — Papua New Guinea

Ancyloneura frontalis Benson, 1965 — Indonesia (Irian Jaya)

Ancyloneura fuscipennis Benson, 1934 — Indonesia (Irian Jaya)

Ancyloneura nigripes (Smith, 1861) — Indonesia (Irian Jaya), Papua New Guinea

Ancyloneura varipes Cameron, 1877 — Indonesia (Irian Jaya, Aru Islands), Papua New Guinea

Genus *Clarissa* Kirby, 1984

Clarissa antennata Benson, 1935 — QLD

Clarissa atrata Turner, 1900 — QLD

Clarissa benoni Smith, 1978 — QLD
(= *Clarissa obscura* Benson, 1935)

Clarissa diana Benson, 1935 — QLD

Clarissa divergens Kirby, 1894 — QLD

Clarissa flammea Benson, 1935 — QLD

Clarissa flavicornis Benson, 1934 — QLD

Clarissa hebe Benson, 1963 — WA

Clarissa lucida Benson, 1935 — NSW

Clarissa ruficollis Benson, 1934 — ACT

Clarissa tasbates Naumann, 1997 — TAS
Larvae feed on leaf litter (Naumann 1997).

Clarissa thoracica Morice, 1919 — Australia

Clarissa wilsoni Benson, 1938 — NSW

Genus *Diphamorphos* Rohwer, 1910

Larvae feed on dead leaves (Tillyard, 1926)

Diphamorphos apicalis Forsius, 1927 — SA

Diphamorphos minor Rohwer, 1910 — QLD

Diphamorphos nigrescens Rohwer, 1910 — VIC

Diphamorphos pallicornis Benson, 1935 — NSW

Genus *Eurys* Newman, 1841

Eurys aeratus Newman, 1841 — SA, VIC
(= *Eurys decepta* Rohwer, 1910)

Eurys aglaia Benson, 1963 — WA

Eurys bellus (Rohwer, 1910) — NSW

Eurys calliphenges Benson, 1938 — NSW, QLD

Eurys chloe Benson, 1938 — NSW

Eurys kochi Muche, 1986 — QLD

Eurys laetus (Westwood, 1841) — NSW, ?SA, TAS, VIC

Eurys nitens (Kirby, 1882) — SA

Eurys nitidus Kirby, 1882 — NSW, QLD, VIC

Eurys pulcher Benson, 1934 — NSW

Eurys rutilans Morice, 1919 — SA

Eurys sembla Smith, 1980 — NT

Genus *Neoeurys* Rohwer, 1910

Neoeurys affinis Forsius, 1927 — SA

Neoeurys aurora Benson, 1935 — QLD

Neoeurys brevivalvis Benson, 1935 — QLD

Neoeurys carbonarius (Forsius, 1927) — NSW

Neoeurys caudatus Morice, 1919 — TAS, VIC

Neoeurys erectus Benson — 1938. WA

Neoeurys evansi Benson, 1938 — TAS

Neoeurys fuscus Benson, 1934 — NSW

Neoeurys inconspicuus (Kirby, 1894) — QLD, SA

Neoeurys leai Forsius, 1927 — SA, VIC

Neoeurys leptocoleum Benson, 1938 — TAS
Larvae possibly feed on leaf litter (Naumann 1998).

Neoeurys metallicus Rohwer, 1910 — VIC

Neoeurys niger Benson, 1934 — ACT, NSW

Neoeurys pusillus Forsius, 1927 — SA, VIC

Neoeurys scutellatus Forsius, 1927 — TAS

Neoeurys tasmanicus Rohwer, 1918 — TAS
Larvae possibly feed on leaf litter (Naumann 1998).

Neoeurys trochilus Benson, 1938 — WA

Neoeurys turneri Benson, 1938 — WA

Neoeurys variabilis (Forsius, 1927) — QLD, SA, VIC

(= *Clarissa variabilis* var. *collaris* Forsius, 1927,
= *Clarissa variabilis* var. *obscura* Forsius, 1927;
= *Clarissa variabilis* var. *sternalis* Forsius, 1929)

Neoeurys ventralis Forsius, 1927 — TAS

Genus *Polyclonus* Kirby, 1882

Polyclonus atratus Kirby, 1882 — ACT, NSW, QLD, VIC, ?WA

Larvae saprophagous, feeding on dead leaves (Moore 1957). Food plants: *Angophora costata* (Gaertn.) Britten, *A. intermedia* DC., *Eucalyptus acmenoides* Schauer, *E. grandis* W. Hill, *E. hae-*

mastoma Sm., *E. pilularis* Sm., *E. resinifera* Sm.,
E. saligna Sm. (Myrtaceae).

Genus **Warra** Benson, 1934

Warra anomocera (Rohwer, 1922) — NSW

Warra froggatti (Rohwer, 1922) — NSW, QLD

Food plant: aquatic fern *Marsilea drummondii*
A. Braun (Marsileaceae) (Naumann & Balciunas
1997).

Subfamily Perginae

Tribe Cerealcini

Genus **Cerealces** Kirby, 1882

Cerealces scutellata Kirby, 1882 — ACT, NSW,
SA, VIC

(= *Cerealces cyathiformis* Kirby, 1893)

Food plant: *Eucalyptus pauciflora* subsp. *niphophila*
(Maiden & Blakely) L. A. S. Johnson & Blaxell
(Myrtaceae).

Genus **Xyloperga** Shipp, 1894

Xyloperga amenaida (Kirby, 1882) — NSW, SA
(= *Perga rufomaculata* Kirby, 1882)

Xyloperga aurulenta (Morice, 1919) — NT, QLD

Xyloperga dentata (Kirby, 1882) — SA

Xyloperga forsiusi Benson, 1939 — ACT, NSW,
VIC

Food plants: *Eucalyptus pauciflora* subsp. *niphophila*
(Maiden & Blakely) L. A. S. Johnson & Blaxell,
E. stellulata Sieber ex DC. (Myrtaceae).

Xyloperga halidaii (Westwood, 1880) — SA, VIC
(= *Perga jurinei* Westwood, 1880)

Xyloperga lalage (Kirby, 1893) — NSW, TAS, VIC
(= *Heptacola buyssoni* Konow, 1905)

Xyloperga leachii (Westwood, 1880) — NSW,
VIC

Xyloperga mocsaryi (Konow, 1905) — NSW

Xyloperga perkinsi Benson, 1935 — SA, WA

Xyloperga semipurpurata Morice, 1919 — WA,
WA

Xyloperga univittata (Kirby, 1882) — QLD

Tribe Pergini

Genus **Acanthoperga** Shipp, 1894

Acanthoperga cameronii (Westwood, 1880)
— NSW, QLD

Food plant: *Corymbia gummifera* (Gaertn.)
K. D. Hill & L. A. S. Johnson (Myrtaceae).

Acanthoperga leucomelas (Rohwer, 1910) — QLD

Acanthoperga marlatti Benson, 1939 — NSW

Food plant: *Acmena smithi* (Poir.) Merr. &
L.M.Perry (Myrtaceae).

Acanthoperga melanocera Benson, 1965 — Papua
New Guinea

Genus **Antiperga** Benson, 1939

Antiperga antiopa (Morice, 1919) — WA

Antiperga clarki Benson, 1939 — WA

Antiperga enslini Benson, 1939 — WA

Food plant: *Melaleuca* sp. (probably) (Myrtaceae)
(Benson 1939).

Genus **Paraperga** Ashmead, 1898

P. jucunda (Kirby, 1882) — WA

Genus **Perga** Leach, 1817

Perga affinis Kirby, 1882 — ACT, NSW, QLD,
SA, TAS, VIC

(= *Perga intricans* (pt.) Morice, 1919; = *Perga
affinis atrata* Riek, 1961; = *Perga affinis insularis*
Riek, 1961)

Food plants: *Corymbia ficifolia* (F. Muell.)
K. D. Hill & L. A. S. Johnson, *Eucalyptus amygdalina*
Labill., *E. bicostata* Maiden, Blakely &
Simmonds, *E. blakelyi* Maiden, *E. bridgesiana*
R. T. Baker, *E. camaldulensis* Dehnh., *E. elaeophora*
F. Muell., *E. globulus* Labill., *E. gonio-calyx*
Miq., *E. grandis* W. Hill, *E. haemastoma*
Sm., *E. lansdowneana* F. Muell. & J. E. Br., *E. leucoxylon*
F. Muell., *E. mannifera* Mudie subsp. *mannifera*,
E. melliodora A. Cunn. ex Schauer, *E. nicholii*
Maiden & Blakely, *E. nitens* Maiden, *E. obliqua*
L'Her., *E. occidentalis* Endl., *E. ovata*
Labill., *E. pauciflora* Sieber ex Spreng., *E. polyanthemos*
Schauer, *E. rubida* H. Deane & Maiden, *E. sideroxylon*
A. Cunn. ex Woolls, *E. viminalis*
Labill. (Myrtaceae).

Perga agnata Morice, 1919 — VIC

Perga bradleyi Benson, 1939 — NSW

Perga brevipes Forsius, 1927 — SA

Perga brevitarsis Morice, 1919 — SA, WA

Perga brullei Westwood, 1880 — QLD, SA, VIC,
WA

(= *Perga cressonii* Westwood, 1880; = *Perga ritsemei*
Westwood, 1880; = *Perga dubia* Kirby, 1882;
= *Perga vacillans* Morice, 1919)

Perga christii Westwood, 1880 — QLD, ?VIC,
WA

Perga dahlbomii Westwood, 1880 — NSW, QLD, ?WA

Food plants: *Angophora floribunda* (Sm.) Sweet, *Eucalyptus lehmanii* (Schauer) Benth. (Myrtaceae).

Perga dorsalis Leach, 1817 — ACT, NSW, QLD, ?SA, VIC

(= *Perga scutellata* Westwood, 1832; = *Perga eucalypti* Bennett & Scott, 1859; = *Perga scotii* Bennett, 1860; = *Perga intricans* (pt.) Morice, 1919; = *Perga dorsalis castanea* Riek, 1961; = *Perga dorsalis nitida* Riek, 1961; = *Perga dorsalis rustica* Smith, 1978)

Food plants: *Callistemon* sp., *Corymbia citriodora* (Hook.) K. D. Hill & L. A. S. Johnson, *C. gummifera* (Gaertn.) K. D. Hill & L. A. S. Johnson, *Eucalyptus camaldulensis* Dehnh., *E. globulus* Labill., *E. grandis* W. Hill, *E. haemastoma* Sm., *E. leucoxydon* F. Muell., *E. nova-anglica* H. Deane & Maiden, *E. oblique* L'Her., *E. obtusiflora* DC., *E. ovata* Labill., *E. sieberi* L. A. S. Johnson (rarely), *E. torquata* Luehm., *E. umbra* R. T. Baker (Myrtaceae).

Perga kirbii Leach, 1817 — QLD, SA, VIC, ?WA

Food plants: *Corymbia maculata* (Hook.) K. D. Hill & L. A. S. Johnson, *Eucalyptus camaldulensis* Dehnh. (Myrtaceae).

Perga klugii Westwood, 1880 — WA

Food plants: *Eucalyptus globulus* Labill. (Myrtaceae).

Perga kobli Konow, 1905 — NSW, QLD, VIC

(= *Perga thomsoni* Benson, 1935)

Perga konowi Benson, 1939 — NSW, WA

Food plant: *Eucalyptus transcontinentalis* Maiden (Myrtaceae).

Perga leaski Benson, 1858 — VIC

Perga mayrii Westwood, 1880 — WA

(= *Perga bisecta* Kirby, 1882)

Perga schiodtei Westwood, 1880 — ?QLD, SA, WA

Food plants: *Eucalyptus calophylla* Lindl., *E. globulus* Labill. (Myrtaceae).

Perga tristis Forsius, 1935 — NSW

Perga vollenhovii Westwood, 1880 — NSW,

QLD, QLD

(= *Perga walkerii* Westwood, 1880)

Food plant: *Eucalyptus crebra* F. Muell. (Myrtaceae).

Perga waitei Forsius, 1927 — SA

Genus ***Pergagrapt*** Benson, 1939

***Pergagrapt* bella** (Newman, 1841) — NSW, SA, TAS, VIC

(= *Perga foersteri* Westooe, 1880; = *Perga divaricata* Kirby, 1893; = *Perga rubripes* Rohwer, 1910; = *Perga bella* var. *rubripes* Forsius, 1935; = *Perga montana* Forsius, 1935; = *Pergagrapt* *nigra* Benson, 1939; = *Pergagrapt* *rohweri* Benson, 1939; = *Pergagrapt* *rossi* Benson, 1939)

Food plants: *Corymbia gummifera* (Gaertn.) K. D. Hill & L. A. S. Johnson, *Eucalyptus amygdalina* Labill., *E. pauciflora* Sieber ex Spreng., *E. piperita* Sm., *E. viminalis* Labill. (Myrtaceae).

***Pergagrapt* bensoni** Smith, 1980 — Papua New Guinea

***Pergagrapt* bicolor** (Leach, 1817) — NSW, SA, VIC

(= *Perga chalybea* Forggatt, 1890)

Food plants: *Corymbia gummifera* (Gaertn.) K. D. Hill & L. A. S. Johnson, *Eucalyptus haemastoma* Sm., *E. pauciflora* Sieber ex Spreng., *E. saligna* Sm. (Myrtaceae).

***Pergagrapt* castanea** (Kirby, 1882) — NSW, VIC

Food plant: *Eucalyptus piperita* Sm. (Myrtaceae).

***Pergagrapt* condei** Benson, 1939 — SA

***Pergagrapt* esenbeckii** (Westwood, 1880) — NSW, QLD, VIC, WA

***Pergagrapt* glabra** (Kirby, 1882) — NSW, QLD, VIC

(= *Pergagrapt* *malaisei* Benson, 1939)

Food plants: *Eucalyptus crebra* F. Muell., *E. tereticornis* Sm. (Myrtaceae).

***Pergagrapt* gravenhorstii** (Westwood, 1880)

— NSW, QLD, VIC

(= *Perga hartigii* Westwood, 1880; = *Perga peletierii* Westwood, 1880)

Food plants: *Eucalyptus nicholii* Maiden & Blakely, *E. sideroxydon* A. Cunn. ex Woolls (Myrtaceae).

***Pergagrapt* latreillii** (Leach, 1817) — ACT,

NSW, QLD, SA, VIC

(= *Perga dalmani* Westwood, 1880, = *Perga titschacki* Forsius, 1929)

Food plants: *Eucalyptus leucoxydon* F. Muell., *E. perriniana* F. Muell. ex Rodway, *E. punctata* DC. (Myrtaceae).

***Pergagrapt* owanda** Smith, 1980 — Papua New Guinea

***Pergagrapt* polita** (Leach, 1817) — NSW, QLD, VIC

Food plants: *Angophora floribunda* (Sm.) Sweet, *Corymbia citriodora* (Hook.) K. D. Hill & L. A. S. Johnson, *C. gummifera* (Gaertn.) K. D. Hill

& L. A. S. Johnson, *Eucalyptus bicostata* Maiden, Blakely & Simmonds, *E. botryoides* Sm., *E. crebra* F. Muell., *E. deanei* Maiden, *E. elata* Dehnh., *E. globulus* Labill., *E. grandis* W. Hill ex Maiden, *E. melliodora* A. Cunn. ex Schauer, *E. moluccana* Roxb., *E. nicholii* Maiden & Blakely, *E. parra-mattensis* C. Hall, *E. pilularis* Sm., *E. propinqua* H. Deane & Maiden, *E. saligna* Sm., *E. scoparia* Maiden, *E. sideroxylon* A. Cunn. ex Woolls, *Melaleuca quinqueriviera* (Cav.) S. T. Blake (Myrtaceae).

Pergagraptia sonoda Smith, 1980 — Papua New Guinea

Pergagraptia spinolae (Westwood, 1880) — ACT, NSW, QLD, VIC

Food plants: *Corymbia gummifera* (Gaertn.) K. D. Hill & L. A. S. Johnson, *C. maculata* (Hook.) K. D. Hill & L. A. S. Johnson, *E. leucocoxylon* F. Muell., *E. punctata* DC., *E. sideroxylon* A. Cunn. ex Woolls (Myrtaceae).

Pergagraptia turneri Benson, 1939 — ACT, NSW, QLD, VIC

(= *Pergagraptia hackeri* Benson, 1939)
Food plant: *Eucalyptus grandis* W. Hill (Moore, 1972).

Genus ***Pseudoperga*** Guérin, 1845

Pseudoperga belinda (Kirby, 1882) — NSW, SA, TAS, VIC

(= *Perga nemoralis* Wilson, 1932; = *Perga corrugata* Forsius, 1935)

Food plant: *Eucalyptus* sp. (Martyn et al., 1971).

Pseudoperga ferruginea (Leach, 1817) — ACT, NSW, QLD, SA, VIC

(= *Perga scabra* Newman, 1846; = *Perga newmanni* Westwood, 1880; = *Perga sellata* Kirby, 1893; = *Perga froggatti* Rohwer, 1910)

Food plant: *Corymbia gummifera* (Gaertn.) K. D. Hill & L. A. S. Johnson, *Eucalyptus crebra* F. Muell., *E. propinqua* H. Deane & Maiden (Myrtaceae).

Pseudoperga guerinii (Westwood, 1880) — ACT, NSW, QLD, SA, VIC

(= *Perga smithii* Westwood, 1880; = *Perga sericea* Kirby, 1893)

Food plants: *Eucalyptus dives* Schauer, *E. pauciflora* subsp. *niphophila* (Maiden & Blakely) L. A. S. Johnson & Blaxell, *E. piperita* Sm. (Myrtaceae).

Pseudoperga lewisii (Westwood, 1836) — ACT, NSW, QLD, SA, TAS, VIC

(= *Tenthredo rufescens* Blanchard, 1849)

Food plants: *Corymbia gummifera* (Gaertn.) K. D. Hill & L. A. S. Johnson, *Eucalyptus dives* Schauer, *E. nitens* Maiden, *E. obliqua* L'Her., *E. pauciflora* Sieber ex Spreng., *E. tereticornis* Sm., *E. viminalis* Labill. (Myrtaceae).

Pseudoperga lucida (Rohwer, 1910) — ?NSW, WA

Pseudoperga moricei (Forsius, 1927) — WA

Pseudoperga rugiceps (Forsius, 1927) — SA, WA

Pseudoperga ventralis (Guérin, 1845) — TAS

Subfamily Pergulinae

Genus ***Pergula*** Morice, 1919

Pergula turneri Morice, 1919 — WA

Subfamily Perreyiinae

Genus ***Cladomacra*** Smith, 1860

Cladomacra fulva Togashi, 1981 — Papua New Guinea

Cladomacra macropus Smith, 1860 — Indonesia (Irian Jaya, Celebes), ?Papua New Guinea

Cladomacra nigriceps Benson, 1965 — Indonesia (Irian Jaya), Papua New Guinea

Cladomacra opa Smith, 1980 — Papua New Guinea

Cladomacra taoi Shinohara, 1986 — Indonesia (Celebes)

Cladomacra terricola Naumann, 1984 — Papua New Guinea

Subfamily Philomastiginae

Genus ***Philomastix*** Froggatt, 1890

Revised by Naumann & Groth (1998).

Philomastix macleaii (Westwood, 1880) — NSW, QLD

(= *Philomastix glabra* Froggatt, 1890)

Food plants: *Rubus moluccanus* L., *R. rosifolius* Sm. (Rosaceae) (Froggatt 1892, 1901, Naumann & Groth 1998).

Philomastix nancarrowi Froggatt, 1890 — QLD

Food plants: *Rubus hillii* F. Muell., *R. rosifolius* Sm. (Rosaceae) (Leask 1943, 1944)

Philomastix xanthophylax Naumann & Groth, 1998. QLD

Food plant: *Alphitonia excelsa* (Fenzl) Benth. (Rhamnaceae) (Naumann & Groth 1998).

Subfamily **Phylacteophaginae**Genus *Caloperga* Naumann, 1983*Caloperga josephinae* Naumann, 1983 — QLDGenus *Leptoperga* Riek, 1970*Leptoperga brunnea* Riek, 1970 — NSW, QLDGenus *Phylacteophaga* Froggatt, 1899Larvae leaf miners in *Eucalyptus* and *Tristania* (Myrtaceae). Revised by Mayo et al. (1997).*Phylacteophaga amygdalini* Mayo, Austin & Adams 1997. — TASFood plant: *Eucalyptus amygdalina* Labill. (Myrtaceae).*Phylacteophaga eucalypti* Froggatt, 1899 — ACT, NSW, SA, TAS, VICFood plants: *Corymbia citriodora* (Hook.) K.D.Hill & L.A.S.Johnson, *Corymbia ficifolia* (F.Muell.) K.D.Hill & L.A.S.Johnson, *Corymbia maculata* (Hook.) K.D.Hill & L.A.S.Johnson, *Eucalyptus amygdalina* Labill., *E. botryoides* Sm., *E. camaldulensis* Dehnh., *E. cladocalyx* F.Muell., *E. globulus* Labill., *E. grandis* W.Hill, *E. mannifera* Mudie, *E. nitens* Maiden, *E. racemosa* Cav., *E. robusta* Sm., *E. saligna* Sm., *E. sideroxylon* A.Cunn. ex Woolls, *E. viminalis* Labill. (Myrtaceae), *Lophostemum confertus* (R.Br.) Peter G.Wilson & J.T. (Myrtaceae).*Phylacteophaga froggatti* Riek, 1955 — ACT, NSW, QLD, SA, TAS, VIC, WA; New Caledonia; New ZealandFood plants: ?*Agonis flexuosa* (Willd.) Sweet, ?*Betula* sp., *Corymbia calophylla* (Lindl.) K.D.Hill & L.A.S.Johnson, *C. citriodora* (Hook.) K.D.Hill & L.A.S.Johnson, *C. ficifolia* (F.Muell.) K.D.Hill & L.A.S.Johnson, *C. maculata* (Hook.) K.D.Hill & L.A.S.Johnson, *Eucalyptus botryoides* Sm., *E. calophylla* Lindl., *E. camaldulensis* Dehnh., *E. cinerea* F.Muell. ex Benth., *E. cladocalyx* F.Muell., *E. dunnii* Maiden, *E. globulus* Labill., *E. gomphocephala* DC., *E. grandis* W.Hill ex Maiden, *E. kitsoniana* Maiden, *E. lehmannii* (Schauer) Benth., *E. leucoxydon* F.Muell., *E. macarthurii* H.Deane & Maiden, *E. mannifera* Mudie, *E. marginata* Sm., *E. nicholii* Maiden & Blakely, *E. nitens* Maiden, *E. ovata* Labill., *E. perriniana* F.Muell. ex Roadway, *E. robusta* Sm., *E. rudis* Endl., *E. saligna* Sm., *E. sideroxylon* A.Cunn. ex Woolls, *E. tereticornis* Sm., *E. viminalis* Labill., ?*Quercus palustris* Muenchh., ?*Quercus robur* L., *Tristania conferta* R.Br. (Myrtaceae).*Phylacteophaga occidens* Benson, 1963 — WA
Food plants: *Eucalyptus marginata* Sm., *E. rudis* Endl. (Myrtaceae).*Phylacteophaga rubida* Riek, 1970 — QLDFood plants: *Tristania conferta* R.Br. (Myrtaceae).Subfamily **Pterygophorinae**Genus *Lophyrotoma* Ashmead, 1898*Lophyrotoma analis* (Costa, 1864) — ACT, NSW, QLD, SA, VIC, WA(= *Pterygophorus gaudialis* Konow, 1907)Food plants: *Emex australis* Steinh., *Muehlenbeckia* sp., *Rumex* sp. (Polygonaceae).*Lophyrotoma cibdeliformis* Benson, 1958. Indonesia (Irian Jaya)*Lophyrotoma cyanea* (Leach, 1817) — NSW, VICFood plant: *Eucalyptus radiata* Sieber ex DC. (Myrtaceae).*Lophyrotoma cygna* (Kirby, 1882) — WA*Lophyrotoma interrupta* (Klug, 1814). — ACT, NSW, QLD, SA, TAS, VIC(= *Pterygophorus interruptus* var. *queenslandicus* Forsius, 1929).Food plants: *Angophora floribunda* (Sm.) Sweet, *Corymbia gummifera* (Gaertn.) K.D.Hill & L.A.S.Johnson, *C. maculata* (Hook.) K.D.Hill & L.A.S.Johnson, *Eucalyptus camaldulensis* Dehnh., *E. crebra* F.Muell., *E. grandis* W.Hill, *E. intermedia* R.T.Baker, *E. melanophloia* F.Muell., *E. moluccana* Roxb., *E. nicholii* Maiden & Blakely, *E. obliqua* L'Her., *E. ovata* Labill., *E. populnea* F.Muell., *E. siderophloia* Benth., *E. viminalis* Labill., *Leptospermum* sp. (Myrtaceae).*Lophyrotoma leachii* (Kirby, 1882) — NT, QLD*Lophyrotoma minuta* Smith, 1980 — Papua New Guinea*Lophyrotoma nacentia* Smith, 1980 — Papua New Guinea*Lophyrotoma nigripes* (Benson, 1938) — VIC*Lophyrotoma opima* (Konow, 1908) — NSW, VIC*Lophyrotoma ramosa* (Benson, 1938) — VIC*Lophyrotoma towenda* Smith, 1980 — Indonesia (Irian Jaya), Papua New Guinea*Lophyrotoma uniformis* (Kirby, 1894) — QLD
Larvae feed on creeper in rainforest (Benson 1938).*Lophyrotoma zimba* Smith, 1980 — Papua New Guinea

Lophyrotoma zonalis (Rohwer, 1910) — NT,

QLD; Papua New Guinea

Food plants: *Melaleuca dealbata* S.T. Blake, *M. leucadendra* (L.) L., *M. quinquenervia* (Cav.) S.T. Blake, *Melaleuca viridiflora* Sol. ex Gaertn. (Myrtaceae).

The species was extensively studied as a potential biological control agent for the paperbark tree, *Melaleuca quinquenervia*, which is a serious pest in Florida (Burrows & Balciunas 1997, Balciunas et al. 1995). However, concerns over its toxicity to wildlife have delayed release (Purcell & Goolsby 2005).

Genus ***Pterygophorus*** Klug, 1814***Pterygophorus biroi*** Mocsáry, 1909 — Papua New Guinea***Pterygophorus brevia antennatus*** Smith, 1980 — Papua New Guinea***Pterygophorus cinctus*** Klug, 1814 — NSW, QLD, TAS, VIC

Food plant: *Leptospermum* sp. (Myrtaceae).

Pterygophorus distinctus Rohwer, 1910 — NSW***Pterygophorus facielongus*** Benson, 1938 — NSW, QLD, VIC***Pterygophorus insignis*** Kirby, 1894 — QLD

Food plants: *Callistemon* sp., *Leptospermum* sp., *Melaleuca armillaris* (Sol. ex Gaertn.) Sm. (Myrtaceae).

Pterygophorus turneri Rohwer, 1910 — QLD

Food plant: *Syzygium francisii* (Bailey) L.A.S. Johnson (Myrtaceae).

Subfamily **Pteryperginae**Genus ***Pteryperga*** Benson, 1938***Pteryperga bifasciata*** (Brullé, 1846) — TAS***Pteryperga galla*** Benson, 1938 — NSW, QLD

Food plant: *Elaeocarpus reticulatus* Sm. (Elaeocarpaceae).

Pteryperga hyaloptera Schmidt & Smith, 2002 — QLD

Larvae possibly feed in the canopy area of subtropical rainforests (Schmidt et al. 2002).

Subfamily **Styracotechyinae**Genus ***Styracotechys*** Benson, 1935***Styracotechys dicelysma*** Benson, 1935 — NSW

Food plant: *Austrosteenisia* (= *Kunstleria*) *blackii* (F. Muell.) Geesink (Fabaceae).

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Abstract

Checklist of the Pergidae (Hymenoptera: Symphyta) of Australasia. The checklist of Australasian Pergidae includes 162 species in 25 genera, 139 of them occurring in Australia, and 23 confined to Indonesia and Papua New Guinea. The distribution and known food plant records are given for each species.

Zusammenfassung

Checkliste der Pergidae (Hymenoptera: Symphyta) von Australasien. Die vorliegende Checklist australasiatischer Arten der Familie Pergidae umfasst 162 Arten in 25 Gattungen, von denen 139 Arten in Australien vorkommen und 23 Arten nur in Indonesien und Papua Neuguinea zu finden sind. Für jede Art werden Verbreitung und, falls bekannt, Wirtspflanze angegeben.