

# Prodromus of the occurrence and distribution of insect species in the forested part of south-west Western Australia

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## SUMMARY

Nearly 1800 insect and closely allied species of the Superclass Hexapoda, belonging to 235 families in 24 orders, are known to occur in the forested part of south-west Western Australia. Each species is listed in systematic order along with the localities within forest from which it has been recorded.

Eighteen families are most speciose: Blattidae, Termitidae, Lygaeidae, Carabidae, Dytiscidae, Staphylinidae, Scarabaeidae, Buprestidae, Tenebrionidae, Cerambycidae, Chrysomelidae, Curculionidae, Chironomidae, Oecophoridae, Geometridae, Formicidae, Sphecidae and Colletidae.

Evidence is presented which indicates that the total number of insect species present in the forested part of south-west Western Australia should be 15 000 to 20 000; i.e. only *ca* 10 per cent of species have so far been named scientifically.

The major biogeographical implication of the list is that one-quarter of all species so far recorded occur in both the northern and southern forests, one-third occur only in the northern forest and one-half occur only in the southern forest. Approximately 23 per cent of insect species are known only from the karri forest component of the southern forest. From this preliminary list the areas of forest can be delineated that have not been well sampled for insect species, and those taxa identified for which species records are scant. It should serve as a framework for future studies of the biogeography and ecology of insects in the forests of south-west Western Australia.

## INTRODUCTION

This paper is the final one in a series of three intended to summarize current knowledge of forest entomology in south-west Western Australia (WA). The first paper (Abbott 1985) reviewed, up to and including 1983, all relevant facts and theories about the ecology of forest insects in WA. The

second paper (Abbott *et al.* 1986) provided abstracts of all papers dealing with ecological aspects of forest entomology in WA up to and including 1985. The present paper addresses taxonomic aspects by providing a preliminary list of named insect and closely allied species definitely known to occur within the forested part of south-west WA. The objective in compiling this list is to collate the vast amount of scattered taxonomic literature making reference (often in passing) to insect species recorded in WA forests. The list is also intended to facilitate, through the provision of references, the future identification of insects collected in these forests.

## METHODS

All relevant journals and books available in institutional libraries in Perth were searched (see Acknowledgements). A full listing of journals examined is given in Table 1. Most of the many books that were examined did not contain localized records.

Insect species are included only if they occur within the forested area of south-west WA, i.e. the jarrah (*Eucalyptus marginata*) and karri (*E. diversicolor*) forests (Fig. 1). However, the eastern boundary of the jarrah forest is poorly delineated because it grades into jarrah woodland and then wandoo (*E. wandoo*) woodland (Smith 1972 a, b, 1974; Beard 1979 a, b, c, 1980). Vegetation on these maps classified as jarrah-marri (*E. calophylla*)-wandoo forest or woodland (in the north only) is included but vegetation classified as wandoo woodland or marri-wandoo woodland has been excluded. The Swan Coastal Plain is excluded. The many records found from Waroona and Yallingup, although close to forest, have also been excluded.

Much of the older literature is not cited because it refers vaguely to 'Western Australia', 'south-west Western Australia', 'Swan River' or 'King George Sound'. Doubtless many of the species listed under such localities do occur in forest but at present there is no prospect of separating them from the species truly restricted to the coast or the inland wheatbelt and mallee regions.

Considerable difficulty was experienced in expunging synonyms from the checklist. This matter has been checked as thoroughly as possible given the library

TABLE I

List of journals searched

**Australian Journals**

1. Journal of the Australian Entomological Society (NSW) vol. 1 (1964) - vol. 10 (1978)  
succeeded by  
General and Applied Entomology vol. 11 (1979) - vol. 20 (1988).
2. Journal of the Entomological Society of Queensland vol. 1 (1962) - vol. 5 (1966)  
succeeded by  
Journal of the Australian Entomological Society vol. 6 (1967) - vol. 29 (1990).
3. Australian Entomological Magazine vol. 1 (1972) - vol. 17 (1990).
4. Australian Journal of Zoology vol. 1 (1953) - vol. 38 (1990).
5. Australian Journal of Zoology, Supplementary Series No. 1 (1971) - No. 125 (1986)  
succeeded by  
Invertebrate Taxonomy vol.1 (1987) - vol. 4 (1990).
6. Records of the Western Australian Museum vol.1 (1910) - vol.14 (1990).
7. Supplement to the Records of the Western Australian Museum No.1 (1975) - No. 35 (1991).
8. Special Publications of the Western Australian Museum No.1 (1948) - No. 11 (1980).
9. Records of the South Australian Museum vol. 1 (1918) - vol. 24 (1990).
10. Memoirs of the Museum of Victoria (including its predecessors) No. 1 (1906) - No. 50 (1990).
11. Proceedings of the Royal Society of Victoria (including its predecessors) vol. 1 (1855) - vol. 102 (1990).
12. Proceedings of the Royal Society of Queensland (including its predecessors) vol. 1 (1859) - vol. 100 (1989).
13. Memoirs of the Australian Museum vol. 1 (1851) - vol. 18 (1983).
14. Records of the Australian Museum vol. 1 (1890) - vol. 42 (1990), and Supplement No. 1 (1983) - No. 12 (1990).
15. Memoirs of the Queensland Museum vol. 1 (1912) - vol. 29 (1990).
16. Western Australian Naturalist vol. 1 (1947) - vol. 18 (1990).
17. Australian Zoologist vol. 1 (1914) - vol. 25 (1988).
18. Proceedings of the Royal Zoological Society of NSW 1933-1969.
19. Journal of the Bureau of Agriculture, Western Australia vol. 1 (1894) - vol. 4(1897).  
succeeded by  
Producers' Gazette and Settler's Record of Western Australia vol. 5 (1898).  
succeeded by  
Journal of Agriculture, Western Australia ser. 1, vol. 1 (1899) - ser. 4, vol. 30 (1989).
20. Proceedings of the Linnean Society of NSW vol. 1 (1875) - vol. 111 (1989).
21. Transactions of the Royal Society of South Australia (including its predecessor) vol. 1 (1877) - vol. 114 (1990).
22. Journal and Proceedings of the Mueller Botanical Society of Western Australia vol. 1 (1899-1903).  
succeeded by  
Journal of the Natural History and Science Society of Western Australia vol. 3 (1910) - vol. 5 (1914).

- succeeded by  
Journal of the Royal Society of Western Australia vol. 1 (1914) - vol. 72 (1990).
23. Journal and Proceedings of the Royal Society of NSW vol. 1 (1867) - vol. 50 (1916).
  24. Papers and Proceedings of the Royal Society of Tasmania (including its predecessors) vol. 1 (1842) - vol. 123 (1989).
  25. Australian Journal of Ecology vol. 1 (1976) - vol. 15 (1990).
  26. CSIRO Bulletin (including its predecessor) No. 1 (1917) - No. 288 (1975).
  27. CSIR Pamphlet No. 1 (1918) - No. 115 (1942).
  28. Journal of the CSIR vol. 1 (1927) - vol. 21 (1948).
  29. Australian Journal of Science vol. 1 (1938) - vol. 32 (1970).  
succeeded by  
Search vol. 1 (1970) - vol. 21 (1990).
  30. University of Queensland Papers, Department of Entomology vol. 1 (1955) - vol. 2 (1968).
  31. Australian Journal of Scientific Research, Ser. B vol. 1 (1948) - vol. 6 (1953).
  32. CSIRO Entomology Division Technical Report No. 1 (1957) - No. 24 (1986).
  33. Report of meeting of ANZAAS (and its predecessor) No. 1 (1888) - No. 30 (1954).

**Foreign Journals**

1. Annals and Magazine of Natural History (including its predecessor) ser. 1, vol. 1 (1838) - ser. 13, vol. 9 (1966)  
succeeded by  
Journal of Natural History vol. 1 (1967) - vol. 24 (1990).
2. Proceedings of the Zoological Society of London vol. 1 (1830) - vol. 145 (1964).  
succeeded by  
Journal of Zoology vol. 146 (1965) - vol. 219 (1989) and  
Journal of Zoology ser. B (1985-87).
3. Transactions of the Zoological Society of London vol. 1 (1935) - vol. 22 (1929).
4. Transactions of the Royal Entomological Society of London (including its predecessor) vol. 1 (1834) - vol. 127 (1975).  
succeeded by  
Physiological Entomology vol. 1 (1976) - vol. 14 (1989),  
Ecological Entomology vol. 1 (1976) - vol. 15 (1990),  
Systematic Entomology vol. 1 (1976) - vol. 15 (1990).
5. Proceedings of the Entomological Society of London ser. A, vol. 12 (1937) - vol. 45 (1970) and ser. B, vol. 5 (1936) - vol. 39 (1970).  
succeeded by  
Journal of Entomology, ser. A, vol. 46 (1972) - vol. 50 (1975) and ser. B, vol. 40 (1971) - vol. 44 (1975).
6. Transactions of the Linnean Society of London ser. 1, vol. 16 (1833) - vol. 30 (1874) and ser. 2, vol. 1 (1875) - vol. 19 (1936).
7. Journal of the Linnean Society of London (Zoology) (including its predecessor) vol. 1 (1857) - vol. 47 (1968).  
succeeded by  
Zoological Journal of the Linnean Society vol. 48 (1968) - vol. 97 (1989).
8. Annals of Applied Biology vol. 1 (1914) - vol. 117 (1990).
9. Arkiv för Zoologi ser. 1, vol.2 (1905) - vol. 42 (1950) and ser. 2, vol. 1 (1951) - vol. 25 (1974).  
succeeded by  
Zoologica Scripta vol. 1 (1971) - vol. 19 (1990).
10. Bulletin of the British Museum (Natural History), Entomology vol.1 (1950) - vol. 47 (1983).

TABLE 1 (continued)

11. Supplement to the Bulletin of the British Museum (Natural History), Entomology vol. 1 (1965) - vol. 26 (1976).
12. Annual Review of Entomology vol. 1 (1956) - vol. 35 (1990).
13. Annual Review of Ecology and Systematics vol. 1 (1970) - vol. 21 (1990).
14. Pacific Insects vol. 1 (1959) - vol. 24 (1982), succeeded by International Journal of Entomology vol. 25 (1983) - vol. 27 (1985).
15. Insectes Sociaux vol. 1 (1954) - vol. 34 (1987).
16. Union of South Africa, Department of Agriculture, Entomology Memoirs vol. 1 (1923) - vol. 76 (1989).
17. Entomologia Experimentalis et Applicata vol. 1 (1958) - vol. 53 (1989).
18. Environmental Entomology vol. 1 (1972) - vol. 19 (1990).

resources available in Perth. I have also circulated drafts of parts of the list to Australian taxonomists in order to avoid producing a checklist over-inflated with synonyms. Junk (1926) and the recently published volumes 2, 4, 6 and 22 of the Zoological Catalogue of Australia were also used to remove synonyms.

Records extracted from the literature have been supplemented with those from the three important insect collections in Perth, held by the Western Australian Museum (WAM), the Western Australian Department of Agriculture (WADA) and the Department of Conservation and Land Management (CALM). In 1987 I visited the Australian National Insect Collection (Canberra) and the South Australian Museum (Adelaide) and in the brief time available I was able to extract locality records for various species in the orders Hemiptera, Coleoptera, Lepidoptera and Hymenoptera. These records are denoted by ANIC and SAM respectively in the list.

The orders of insects are listed in the sequence used in CSIRO (1991) as are families within each order. Order and family names follow those used in CSIRO (1991), except in a few cases where the conventions of the forest and timber entomology literature have been followed. Species are listed alphabetically within families. For the larger families, species are listed alphabetically within subfamilies.

All references found to each species are given chronologically in the list. Synonyms have not been listed. Insects parasitic on vertebrates (fleas [Siphonaptera] and lice [Phthiraptera]) and kelpflies (Coelopidae) are omitted. Authorities for Latin binomials used have generally been taken from the literature cited, but the authorities for 12 species in the list could not be found. Localities are quoted as given in each reference. Distances given in the imperial system have not been metricated. Misspellings of locality names have been emended where there is no doubt what was intended. The obsolete names Lion Mill, Smiths Mill and National Park have been replaced by their modern names, Mt. Helena, Glen Forrest and John Forrest National Park respectively.

## RESULTS AND DISCUSSION

The list includes 1747 named species occurring in 235 families in 24 orders (Table 2). It is supported by more than 600 publications. The first reference with a usable record (i.e. Latin binomial and the locality within the forested part of WA) was published in the decade 1881-90 (Fig. 2), some 50 years after WA was settled by Europeans. There was then a rapid increase in publications up to and including the 1920s, followed by a decline into the 1940s. More than one-third of all publications cited have appeared since 1971. The number of authors of these publications was more or less constant from 1901-10 until 1941-50. About half of the authors have published since 1971.

Some 30 species are introduced (Table 3); all but eight of these are presumed to result from being transported inadvertently by humans to WA. One is probably self-introduced.

### Estimates of the Size of the Insect Fauna in the Forests of south-west Western Australia

To establish how many species of insects can be expected to occur in the forests of south-west WA, several approaches are possible. The first three depend on collating lists of insects from well-defined localities in the world.

The method of the first three approaches is to establish numerical relationships between the number of insect species, bird species and mammal species. The numbers of bird and mammal species present in WA forests are accurately known. The fourth approach is to establish a relationship between number of insect species and area, and then estimate the number of insect species in WA forests from the area of forested land in south-west WA. A search of the literature did not reveal any lists of insect species for other forests. The data used are set out in Table 4.

In the first approach, data were transformed logarithmically. Regressions were then calculated (Figs 3-5) for log no. insect species (log I) versus log no. bird species +1 (log B +1), log I versus log no. mammal species +1 (log M +1), and log I versus log no. plant species (log P). The values for log (B+1), log (M+1) and log P pertaining to the forested area of south-west WA were then interpolated. The number of species of insects in forests of WA was calculated to be 18 000, 12 000 and 14 000 respectively.

The second approach involved regressing log I against log area (Fig. 6). This yielded an estimate of 15 000 insect species in forest of WA.

The third approach focuses on the most completely studied insect fauna in the world - that of Great Britain. Ratios of numbers of species of insects to numbers of species of land birds, mammals and vascular plants in Great Britain are 174, 444 and 10 respectively (Table 4). Applied to the bird, mammal and plant species data for the forested part of WA, the predicted number of insect species is 20 000, 20 000 and 25 000 respectively.

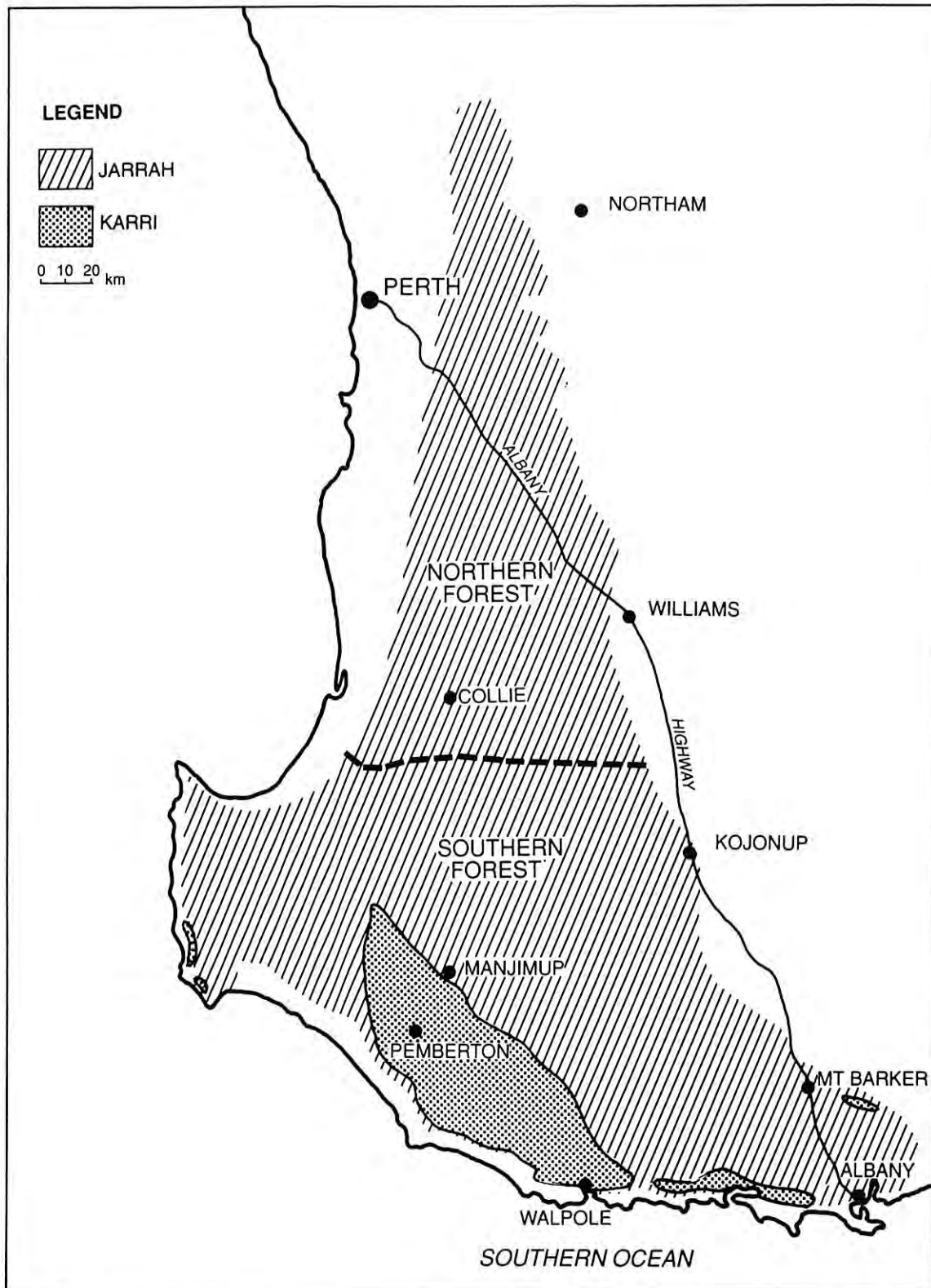


Figure 1. Map of south-west Western Australia showing the forested part. The forest dominated by karri (*Eucalyptus diversicolor*) is indicated. The boundary between Northern Forest and Southern Forest is the Preston River in the west and the same latitude to the east. Note that certain localities often mentioned in taxonomic literature are outside the area considered for this paper: e.g. Chittering, Red Hill (presumably Bindoon), Bullsbrook, Spencers Brook, St Ronans Well, Muresk, Williams, Narrogin, Dryandra, Cranbrook, Waroona, Boyanup, Dardanup, Yallingup.

TABLE 2  
Numbers of species in the list.  
Orders Collembola and Protura belong to Class Ellipura, and Order Diplura is the sole member of Class Diplura. All other Orders belong to Class Insecta (CSIRO 1991).

ORDER	FAMILY	SUBFAMILY	No. OF SPECIES LISTED	
Collembola	Neanuridae		3	
	Odontellidae		1	
	Brachystomellidae		3	
	Hypogastruridae		3	
	Onychiuridae		3	
	Isotomidae		11	
	Entomobryidae		11	
	Paronellidae		1	
	Cyphoderidae		1	
	Neelidae		1	
	Sminthuridae		16	
	Protura	Eosentomidae		1
		Acerentomidae		1
	Diplura	Campodeidae		2
Japygidae			6	
Thysanura	Nicoletiidae		4	
	Lepismatidae		2	
Ephemeroptera	Baetidae		1	
	Leptophlebiidae		3	
	Caenidae		1	
Odonata	Coenagrionidae		3	
	Lestidae		4	
	Megapodagrionidae		4	
	Aeshnidae		3	
	Gomphidae		3	
	Petaluridae		1	
	Corduliidae		8	
Libellulidae		6		
Plecoptera	Gripopterygidae		3	
Blattodea	Blattidae		20	
	Blattellidae		8	
Isoptera	Kalotermitidae		4	
	Rhinotermitidae		5	
	Termitidae		24	
Mantodea	Amorphoscelidae		1	
Dermaptera	Pygidicranidae		1	
	Anisolabididae		3	
	Labiduridae		1	
Orthoptera	Gryllacrididae		1	
	Tettigoniidae		4	
	Gryllidae		6	
	Eumastacidae		1	
	Pyrgomorphidae		4	
	Acrididae		4	
	Tetrigidae		3	
Psocoptera	Philotarsidae		2	
	Myopsocidae		1	
Hemiptera	Psyllidae		6	
	Triozidae		1	
	Aleyrodidae		1	
	Aphididae		3	
	Adelgidae		1	
		Margarodidae		1
		Pseudococcidae		6
	Eriococcidae		6	
	Diaspididae		2	
	Incertae sedis		1	
	Cicadidae		9	
	Cicadellidae		9	
	Eurymelidae		7	
	Membracidae		2	
	Nepidae		2	
	Ochteridae		1	
	Gelastocoridae		3	
	Corixidae		2	
	Miridae		1	
	Reduviidae		1	
	Aradidae		2	
	Piesmatidae		1	
	Lygaeidae		21	
	Coreidae		2	
	Alydidae		1	
	Scutelleridae		1	
	Pentatomidae		15	
Thysanoptera	Aeolothripidae		9	
	Thripidae		16	
	Phlaeothripidae		7	
Megaloptera	Corydalidae		1	
Neuroptera	Ithonidae		1	
	Mantispidae		76	
	Hemerobiidae		1	
	Myrmeleontidae		5	
	Chrysopidae		7	
	Ascalaphidae		2	
Coleoptera	Cupedidae		1	
	Carabidae			
		Carabinae	63	
		Haliplidae	1	
		Dytiscidae	23	
		Gyrinidae	2	
		Hydrophilidae	12	
		Histeridae	7	
		Ptiliidae	1	
		Leiodidae	3	
		Scydmaenidae	2	
		Staphylinidae	35	
		Pselaphidae	11	
	Clambidae	1		
	Trogidae	7		
	Geotrupidae	12		
	Scarabaeidae			
	Aphodiinae	5		
	Scarabaeinae	19		
	Melolonthinae	53		
	Rutelinae	2		
	Dynastinae	12		
	Cetoniinae	2		
	Buprestidae			
	Agrilinae	4		
	Buprestinae	29		
	Chalcophorinae	3		
	Chrysobothrinae	1		
	Polycestinae	5		
	Eucnemidae	1		
	Elateridae	9		
	Lycidae	3		
	Cantharidae	2		
	Dermestidae	1		
	Bostrichidae	2		

TABLE 2 (continued)

ORDER	FAMILY	SUBFAMILY	No. OF SPECIES LISTED	ORDER	FAMILY	SUBFAMILY	No. OF SPECIES LISTED
	Lyctidae		1		Rhagionidae		4
	Lymexylidae		2		Tabanidae		19
	Anobiidae		7		Nemestrinidae		2
	Trogossitidae		2		Acroceridae		2
	Cleridae		2		Therevidae		1
	Melyridae		7		Asilidae		7
	Cucujidae		1		Apioceridae		4
	Phalacridae		7		Mydidae		1
	Languriidae		1		Bombyliidae		18
	Erotylidae		1		Dolichopodidae		1
	Biphyllidae		3		Syrphidae		2
	Bothriideridae		2		Sepsidae		2
	Cerylonidae		1		Lauxaniidae		3
	Coccinellidae		11		Platystomatidae		7
	Tenebrionidae		20		Pyrgotidae		1
	Melandryidae		1		Micropezidae		1
	Mordellidae		3		Heleomyzidae		4
	Rhipiphoridae		3		Agromyzidae		11
	Colydiidae		2		Ephyridae		5
	Zopheridae		1		Drosophilidae		6
	Oedemeridae		1		Chloropidae		6
	Anthicidae		2		Muscidae		7
	Aderidae		1		Calliphoridae		6
	Cerambycidae				Tachinidae		15
		Prioninae	2				
		Cerambycinae	29	Trichoptera	Hydrobiosidae		2
		Lamiinae	5		Hydroptilidae		8
	Chrysomelidae				Philopotamidae		2
		Chrysomelinae	24		Hydropsychidae		2
		Cryptocephalinae	22		Polycentropodidae		2
		Sagrinae	1		Ecnomidae		8
		Eumolpinae	23		Plectrotarsidae		1
		Galerucinae	4		Philorheithridae		1
	Belidae		1		Leptoceridae		17
	Brentidae		1				
	Curculionidae			Lepidoptera	Hepialidae		18
		Amycterinae	52		Incurvariidae		1
		Leptopiinae	18		Psychidae		2
		Gonipterinae	7		Tineidae		1
		Diabathrarilinae	1		Glyphipterigidae		1
		Rhynchitinae	1		Oecophoridae		36
		Curculioninae	1		Cossidae		6
		Erihinae	1		Tortricidae		13
		Baridinae	24		Castnidae		1
		Laemosaccinae	1		Zygaenidae		2
		Otiiorhynchinae	2		Limacodidae		3
		Amalactinae	6		Carposinidae		1
		Aterpinae	2		Pyralidae		14
		Cryptorhynchinae	5		Geometridae		30
		Rhynchaeninae	17		Hesperiidae		10
		Cossoninae	1		Papilionidae		1
		Haplonychinae	1		Pieridae		3
		Tychiinae	2		Nymphalidae		8
		Cylindorrhinae	2		Lycaenidae		14
	Scolytidae		6		Lasiocampidae		1
Strepsiptera	Stylopidae		1		Anthelidae		2
					Carthaeidae		1
Mecoptera	Bittacidae		2		Saturniidae		1
	Meropeidae		1		Notodontidae		4
					Lymantriidae		2
Diptera	Tipulidae		12		Arctidae		2
	Tanyderidae		1		Noctuidae		7
	Culicidae		17	Hymenoptera	Pergidae		12
	Chironomidae		21		Megalynidae		3
	Ceratopogonidae		8		Evanidae		1
	Simuliidae		7		Aulacidae		1
	Psychodidae		6		Gasteruptionidae		3
	Bibionidae		5		Ichneumonidae		11
	Pelecorhynchidae		1		Braconidae		4

TABLE 2 (continued)

ORDER	FAMILY	SUBFAMILY	No. OF SPECIES LISTED
	Monomachidae		1
	Diapriidae		3
	Platygasteridae		1
	Scelionidae		2
	Chalcididae		1
	Pteromalidae		4
	Encyrtidae		2
	Eulophidae		1
	Pompilidae		10
	Mutillidae		1
	Tiphidae		5
	Scolidae		1
	Vespidae		5
	Formicidae		
		Myrmecinae	18
		Ponerinae	31
		Myrmicinae	14
		Dolichoderinae	17
		Formicinae	17
	Sphecidae		31
	Colletidae		33
	Stenotritidae		1
	Halictidae		9
	Megachilidae		7
	Anthophoridae		3
	Apidae		1
	Suspense list <sup>a</sup>		4

<sup>a</sup> containing species of doubtful occurrence in forests of WA.

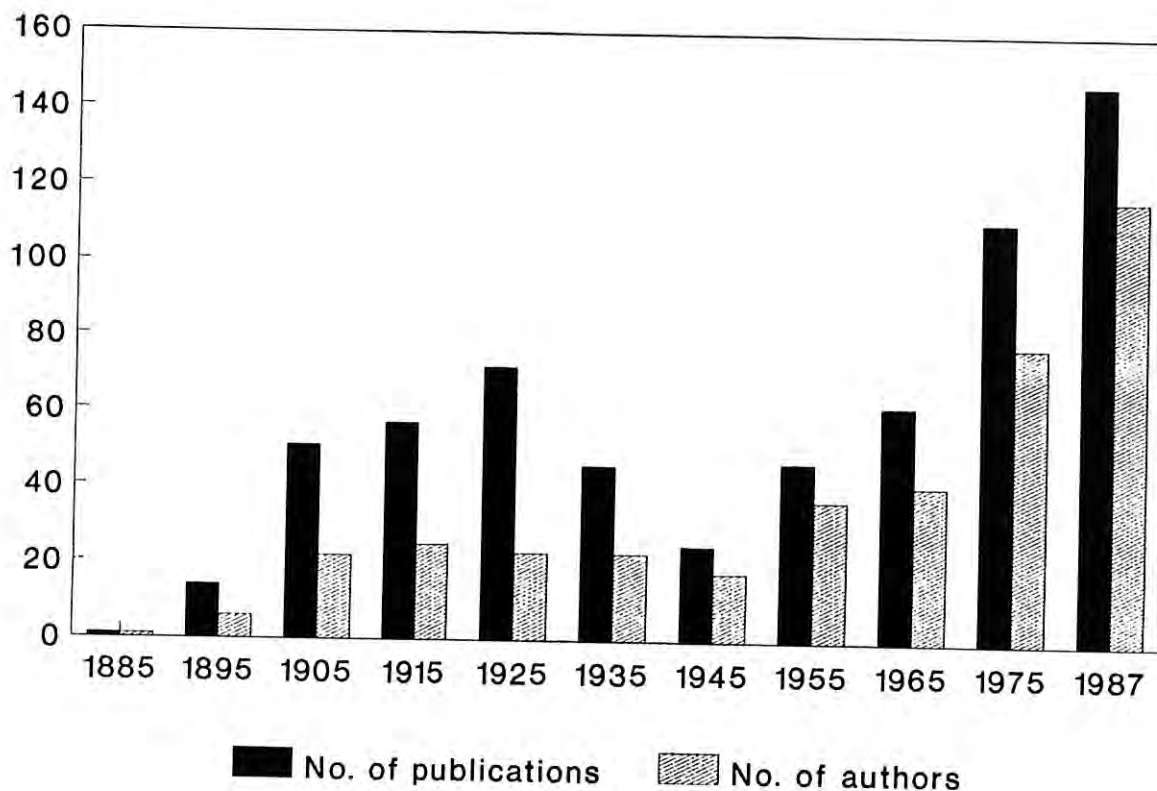


Figure 2. Decade of publication of references containing at least one usable record, together with the number of authors of these publications. Mid-points of decades are shown on the X-axis (e.g. 1925 represents the decade 1921-1930).

TABLE 3

Introduced species of Ellipura and Insecta present in the forested part of south-west Western Australia.

ORDER	FAMILY	SPECIES	COMMENT	
Collembola	Odontellidae	<i>Odontella lamellifera</i>	Accidental	
	Hypogastruridae	<i>Hypogastrura denticulata</i>	"	
	Onychiuridae	<i>Mesaphorura krausbaueri</i>	"	
		<i>Stenaphorura quadrispina</i>	"	
	Isotomidae	<i>Cryptopygus thermophilus</i>	"	
		<i>Proisotoma minuta</i>	"	
	Entomobryidae	<i>Entomobrya atrocincta</i>	"	
		<i>E. unostrigata</i>	"	
		<i>Sinella coeca</i>	"	
	Hemiptera	Adelgidae	<i>Pineus pini</i>	"
Pentatomidae		<i>Nezara viridula</i>	"	
Coleoptera	Scarabaeidae	<i>Aphodius pseudolividus</i>	"	
		<i>Euoniticellus intermedius</i>	Deliberate (1972)	
		<i>E. fulvus</i>	"	
		<i>E. pallipes</i>	"	
		<i>Onitis alexis</i>	"	
		<i>O. aygulus</i>	"	
		<i>Onthophagus binodis</i>	"	
		<i>O. taurus</i>	"	
		Lyctidae	<i>Lyctus brunneus</i>	Accidental
			Anobiidae	<i>Ernobius mollis</i>
	<i>Otiorrhynchus cribricollis</i>			"
	Curculionodae	<i>Hylastes ater</i>	"	
	Scolytidae	<i>Hylurgus ligniperda</i>	"	
<i>Ips grandicollis</i>		"		
Lepidoptera	Pieridae	<i>Pieris rapae</i>	"	
	Nymphalidae	<i>Danaus plexippus</i>	"	
Hymenoptera	Pergidae	<i>Phylacteophaga froggatti</i>	"	
	Formicidae	<i>Linepithema humile</i>	"	
	Apidae	<i>Apis mellifera</i>	Deliberate	

The fourth approach is based on evidence of recent taxonomic revisions which enable a comparison of how many species within a taxon were previously known with the total number now known to exist. I compared the number of species known to occur in the forested part of south-west WA before 1950 and since 1950 for several families or subfamilies that have been better collected and taxonomically revised since 1950. The comparative numbers of species are as follows; Blattellidae (1,8); Cicadidae (1,9); Geotrupidae (1,12); Melolonthinae (6,53); Bombyliidae (2,18); Agromyzidae (1,11); Pompilidae (1,10). There has been a tenfold increase in the number of species described, suggesting that the final size of the fauna should not exceed 18 000 species.

These four estimates vary rather widely for too much confidence to be placed in them. However, they suggest that only about 10 per cent of the insect fauna of the forested part of south-west WA has been taxonomically described. Part of the problem may involve uncertainty about how many insect species occur in Australia and in the world. For example, Erwin (1982) estimates, on what I regard as dubious grounds, that there are 30 million arthropod species in the tropics alone. After due consideration, I have used an estimate provided by Hodkinson and Casson (1991).

### Biogeographical Implications of the List

The following results and discussion must be regarded as tentative given that only a small fraction of the insect fauna has so far been collected and described. However, the biogeographical implications of the list provide a framework for development of hypotheses about the distribution of insect species in the forests of south-west WA.

The most remarkable feature of the list is that about half of the species are known from only one locality in the forest (Table 5). Part of this is an artefact of collecting effort - but how much? In an attempt to answer this question I have gone through the list and considered only those species or genera revised since 1950. This presumes that recently revised genera are better collected than those not recently revised. I also confined my attention to species recorded in State Forest *sensu stricto*. A re-examination of original references allowed me to determine whether species recorded only once in State Forest had also been recorded outside State Forest (as, for example, on the Swan Coastal Plain, south coast, wheatbelt, or goldfields). The clear result of this analysis is that 72% of species recorded only once in State Forest have also been recorded outside State Forest. In these cases, the single record in State Forest is most likely to be an artefact of collecting.



TABLE 4  
Fauna and floristic data for various localities.

LOCALITY	No. INSECT SPECIES	No. LAND BIRD SPECIES <sup>a</sup>	No. MAMMAL SPECIES <sup>b</sup>	No. VASCULAR PLANT SPECIES <sup>c</sup>	AREA (ha)	REFERENCE
World	2.2 x 10 <sup>6</sup>	7 900	4 400	275 000	1.5 x 10 <sup>10</sup>	Hodkinson and Casson 1991; Howard and Moore 1980; Nowak and Paradiso 1983.
Australia	110 000	480	240	15 000	7.6 x 10 <sup>8</sup>	Simpson and Day 1984; Strahan 1983; Waterhouse 1971; Taylor 1979.
British Isles	20 000	115	45	2 000	3.1 x 10 <sup>7</sup>	Bruun 1970; Kloet and Hincks 1945; Matheson 1961; Perring 1968; Perring and Walters 1962; Southern 1964.
One-Tree Island	93	2	0	24	4.9	Heatwole <i>et al.</i> 1981.
Campbell Island	229	0	0	109	1.1 x 10 <sup>4</sup>	Abbott 1974.
Forested part of south-west WA	?	113	38 <sup>d</sup>	ca 2 500 <sup>d</sup>	4.4 x 10 <sup>6</sup>	N. Marchant <sup>e</sup> , pers. comm. 1991; Strahan 1983; Storr 1991.

<sup>a</sup> Excludes all seabirds and freshwater birds in Gaviiformes, Podicipediformes, Pelecaniformes, Ciconiiformes, Anseriformes and Charadriiformes.

<sup>b</sup> Excludes Cetacea, Pinnipedia and Sirenia.

<sup>c</sup> Pteridophyta and Spermatophyta.

<sup>d</sup> Introduced species excluded.

<sup>e</sup> Principal Research Scientist, Western Australian Herbarium, CALM.

Detailed studies of the insect fauna in crowns of individual jarrah trees have, however, shown that spatial distribution of species is highly patchy (Abbott *et al.* 1992). Thus some of the single locality records noted in Table 5 may be a result of patchiness of species distribution at a grosser scale.

Based on the total number of species recorded (Table 5), about one-quarter have been collected in both the northern and southern forests, nearly one-third in the northern forest alone, and nearly one-half in the southern forest alone. The southern forest includes both jarrah forest and karri forest. About half of the species present only in the southern forest have been recorded in karri forest.

What is particularly surprising are differences shown by various orders in the pattern of known distribution of species. For example, Odonata, Coleoptera, Diptera and Trichoptera show a clear trend of increasing species richness in the southern forest, whereas Collembola, Isoptera and Hymenoptera have more species present in the northern forest (Table 5). Other orders, including Blattodea, Orthoptera, Hemiptera, Thysanoptera, Neuroptera and Lepidoptera, are fairly evenly distributed in species between the northern and southern forests.

Examination of the most speciose families shows similar differences (Table 6). Lygaeidae, Carabidae, Dytiscidae, Staphylinidae, Scarabaeidae, Tenebrionidae, Cerambycidae, Chrysomelidae, Curculionidae and Geometridae have most species recorded from the southern forest. Blattidae, Termitidae, Buprestidae, Oecophoridae, Formicidae, Sphecidae and Colletidae have most of their

species recorded from the northern forest. The species of the remaining family, Chironomidae, are fairly evenly distributed between the northern and southern forests.

The karri forest, covering about 170 000 ha, represents the only wet sclerophyll forest type of south-west WA. For nearly 20 years wood has been extracted by clear-felling stands, and ultimately it is intended that nearly half of the karri forest will be treated in this way, with the remainder held for nature conservation purposes. The information on insects currently available suggests that some 23 per cent of species are known only from the karri forest (Table 7) component of the southern forest. Hence there is a need for more detailed investigation of insect biogeography within the karri forest.

## FUTURE RESEARCH

I welcome correspondence pointing out errors of omission or fact, orthography, overlooked foreign literature, undetected synonyms, etc. The intention is that a second edition will be prepared for publication in 10-15 years. By then, many new forest records of insect species should have accumulated. However, revision may prove difficult as rising costs have forced Perth libraries to cancel subscriptions to many journals containing taxonomic data relevant to WA. Extraction of names and locality data obviously necessitates careful perusal of published literature. Obtaining papers through interlibrary loan (without knowing beforehand whether relevant information is contained therein) will be expensive and may be difficult to justify if research budgets continue to diminish.

TABLE 5

Distribution of indigenous species in the forested part of south-west Western Australia

ORDER	No. SPECIES <sup>a</sup>	No. SPECIES RECORDED AT ONE LOCALITY ONLY	No. SPECIES RECORDED IN <sup>b</sup>			
			NORTHERN AND SOUTHERN FOREST	NORTHERN FOREST ALONE	SOUTHERN FOREST ALONE	KARRI FOREST
Collembola	45	24	6	30	9	1
Protura	2	2	0	0	2	1
Diplura	8	5	0	4	4	1
Thysanura	6	2	1	5	0	0
Ephemeroptera	5	3	1	4	0	1
Odonata	25	8	9	5	11	3
Plecoptera	3	1	2	1	0	2
Blattodea	28	9	11	10	7	10
Isoptera	29	7	13	13	3	8
Mantodea	1	1	0	1	0	0
Dermoptera	5	3	2	2	1	1
Orthoptera	21	7	7	5	9	7
Psocoptera	3	2	0	0	0	2
Hemiptera	91	52	25	34	32	29
Thysanoptera	32	21	7	10	15	1
Megaloptera	1	1	0	0	1	1
Neuroptera	23	7	9	7	7	10
Coleoptera	604	370	111	92	401	126
Strepsiptera	1	1	0	0	1	0
Mecoptera	3	0	3	0	0	0
Diptera	205	92	45	60	100	78
Trichoptera	43	8	28	4	11	28
Lepidoptera	154	99	31	60	63	26
Hymenoptera	249	158	63	135	51	27
Total	1587	883 (55.6%)	374 (23.6%)	482 (30.4%)	731 (46.1%)	363 (49.7%) <sup>c</sup>

<sup>a</sup> Tallies in this column are sometimes lower than given in Table 2, as species whose distribution is recorded in the literature only on a map have been excluded from the analysis.

<sup>b</sup> Refer to Figure 1.

<sup>c</sup> As a percentage of species occurring in the southern forest alone.

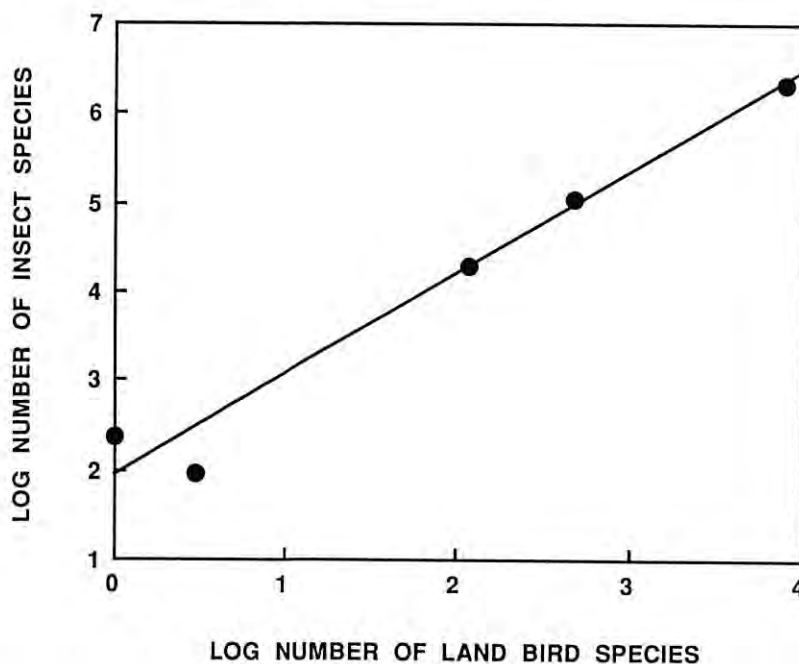


Figure 3. Relationship between number of insect species and number of land bird species for various localities. Least-squares best-fit equation is  $\log Y = 1.94 + 1.13 \log (X + 1)$ , with  $r^2 = 0.97$ .

TABLE 6

Distribution of indigenous species of the most species families in the forested part<sup>b</sup> of south-west Western Australia.

ORDER	No. SPECIES <sup>a</sup>	No. SPECIES RECORDED AT ONE LOCALITY ONLY	No. SPECIES RECORDED IN <sup>b</sup>			
			NORTHERN AND SOUTHERN FOREST	NORTHERN FOREST ALONE	SOUTHERN FOREST ALONE	KARRI FOREST
Blattidae	20	8	8	8	4	5
Termitidae	21	6	10	10	1	4
Lygaeidae	20	12	6	5	9	13
Carabidae	57	46	0	1	56	1
Dytiscidae	12	7	1	1	10	3
Staphylinidae	32	24	5	7	20	3
Scarabaeidae	83	34	30	10	43	23
Buprestidae	42	20	8	22	12	2
Tenebrionidae	20	16	2	4	14	1
Cerambycidae	36	14	13	8	15	11
Chrysomelidae	58	32	12	7	39	19
Curculionidae	138	88	19	5	104	27
Chironomidae	21	8	2	9	10	5
Oecophoridae	36	32	1	30	5	2
Geometridae	29	22	6	9	14	3
Formicidae	97	51	29	56	12	4
Sphecidae	31	28	1	26	4	2
Colletidae	33	21	10	18	5	3

<sup>a</sup> Tallies in this column are sometimes lower than given in Table 2, as species whose distribution is recorded in the literature on a map have been excluded from the analysis.

<sup>b</sup> Refer to Figure 1.

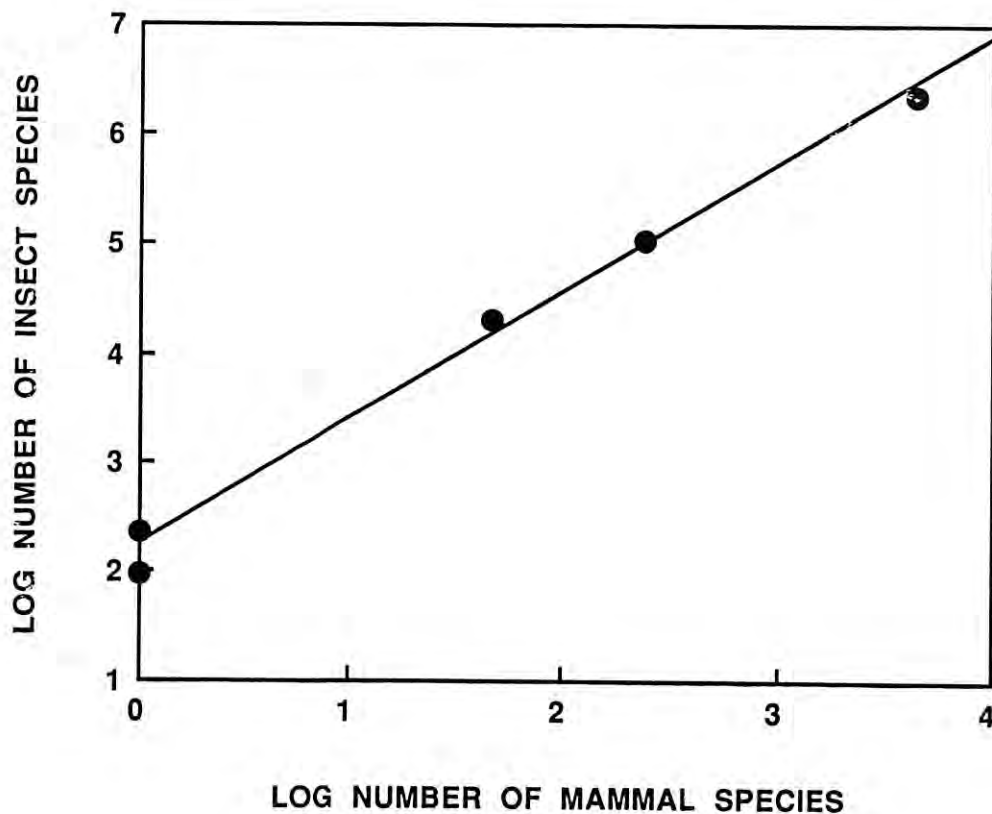


Figure 4. Relationship between number of insect species and number of mammal species for various localities. Least-squares best-fit equation is  $\log Y = 2.22 + 1.16 \log (X + 1)$ , with  $r^2 = 0.99$ .

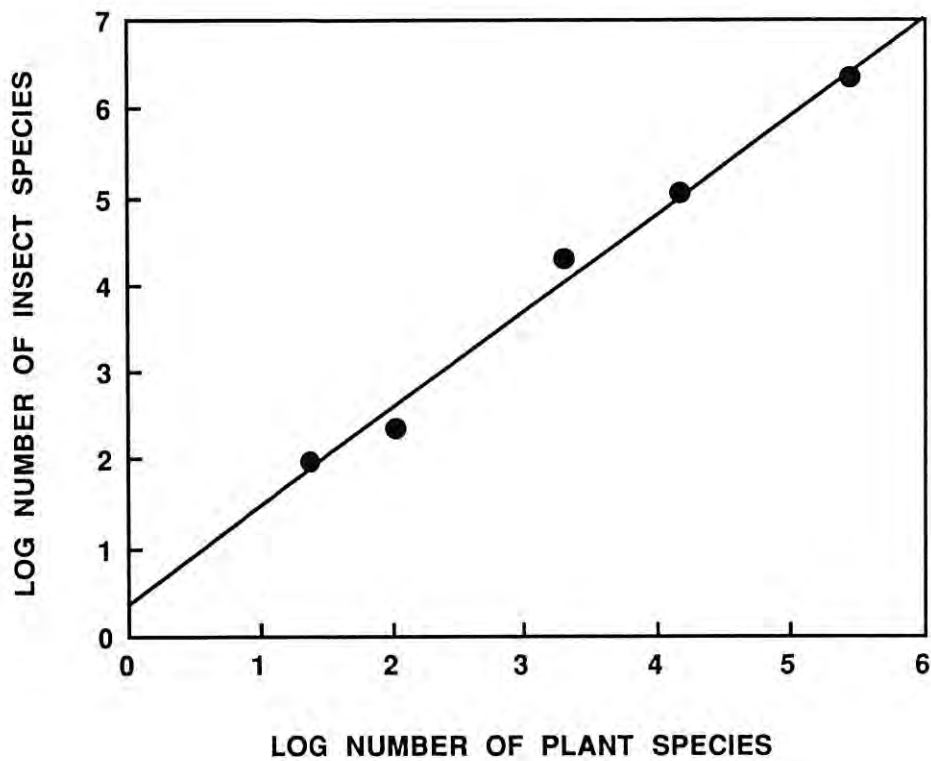


Figure 5. Relationship between number of insect species and number of vascular plant species for various localities. Least-squares best-fit equation is  $\log Y = 0.34 + 1.12 \log X$  with  $r^2 = 0.99$ .

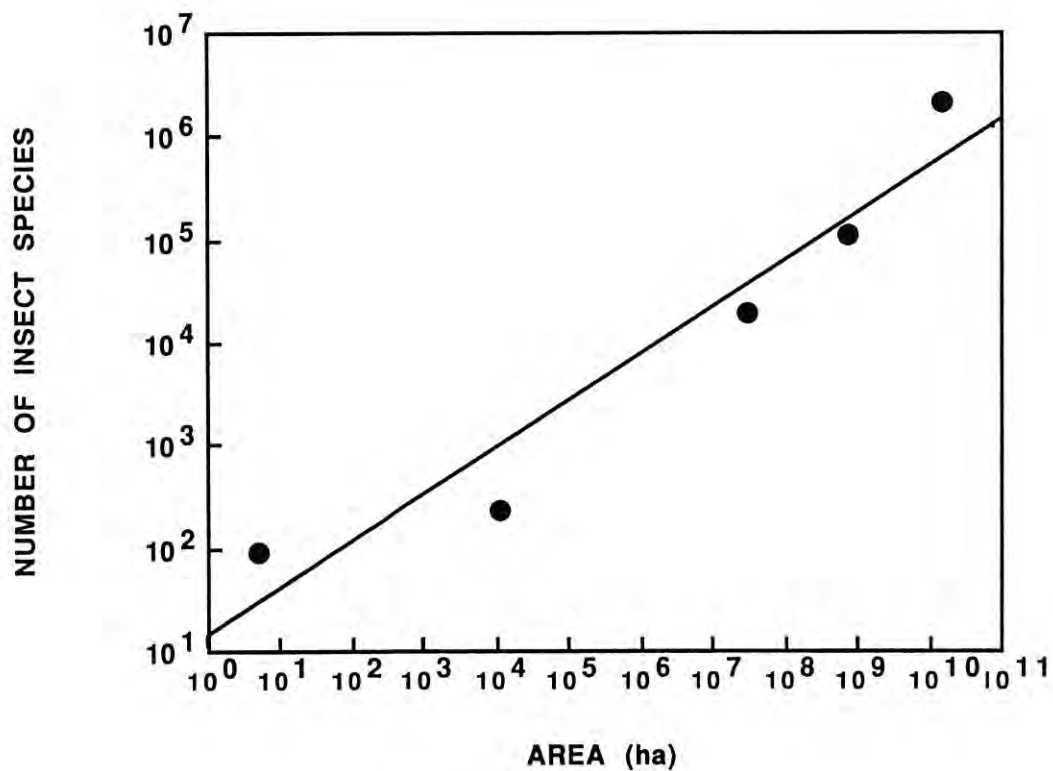


Figure 6. Relationships between number of insect species and area for various localities. Least-squares best-fit equation is  $\log Y = 1.15 + 0.46 \log X$ , with  $r^2 = 0.92$ .

TABLE 7

Distribution elsewhere in the forested part of south-west Western Australia of indigenous species present in karri forest<sup>a</sup>

ORDER	No. SPECIES WHOSE ONLY KNOWN PRESENCE IN THE SOUTHERN FOREST IS IN KARRI FOREST	No. SPECIES PRESENT IN KARRI FOREST AND ELSEWHERE IN FOREST OF SOUTH-WEST WESTERN AUSTRALIA
Collembola	0	1
Protura	1	0
Diplura	0	1
Thysanura	0	0
Ephemeroptera	0	1
Odonata	0	3
Plecoptera	0	2
Blattodea	1	9
Isoptera	1	7
Mantodea	0	0
Dermaptera	0	1
Orthoptera	3	4
Psocoptera	1	1
Hemiptera	11	18
Thysanoptera	0	1
Megaloptera	1	0
Neuroptera	1	9
Coleoptera	39	88
Strepsiptera	0	0
Mecoptera	0	1
Diptera	20	58
Trichoptera	4	24
Lepidoptera	1	25
Hymenoptera	6	21
Total	90	294

<sup>a</sup>Few specimen labels or published records specifically mention occurrence in karri forest. All southern forest records were checked against localities on 1:50 000 scale maps published by CALM. These also show the extent of karri forest.

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**THE LIST OF SPECIES KNOWN TO OCCUR  
IN THE FORESTED PART OF SOUTH-WEST  
WESTERN AUSTRALIA, AS AT END OF 1991**

\* Signifies introduced species

**COLLEMBOLA**

**NEANURIDAE**

*Paleonura rosacea* Schött  
Margaret R  
Womersley 1939

*Phradmon floccosus* Greenslade & Deharveng  
Dwellingup  
Greenslade 1994

*Pseudochorutes rhaeticus* (Carl)  
Parkerville, Gooseberry Hill  
Womersley 1933, 1939

**ODONTELLIDAE**

\* *Odontella lamellifera* (Axelson)  
Gooseberry Hill  
Womersley 1939

**BRACHYSTOMELLIDAE**

*Brachystomella acantha* Womersley  
Mahogany Creek  
Womersley 1939

*Brachystomella parvula* (Schäffer)  
John Forrest NP, Queenwood  
Womersley 1933

*Massoudella geniculata* (Womersley)  
Darlington  
Womersley 1939, Greenslade 1994

**HYPOGASTRURIDAE**

\* *Hypogastrura denticulata* Nicolet  
Bridgetown, Porongurups  
Womersley 1939, Greenslade 1994

*Hypogastrura purpurescens* (Lubbock)  
Bridgetown  
Womersley 1933, 1939, Greenslade 1994

*Xenylla occidentalis* Womersley  
Kalamunda  
Womersley 1933, 1939, Da Gama 1981

**ONYCHIURIDAE**

\* *Mesaphorura krausbaueri* Börner  
Darlington, Jarrahdale, Del Park  
Womersley 1939, Greenslade and Majer 1980,  
Greenslade 1994

\* *Stenaphorura quadrispina* Börner  
Gooseberry Hill  
Womersley 1939, Greenslade 1994

*Tullbergia australica* Womersley  
Kalamunda  
Womersley 1939

**ISOTOMIDAE**

*Acanthomurus plumbeus* Womersley  
Parkerville, Gooseberry Hill, Dwellingup, Manjimup, Mt  
Barker  
Womersley 1934b, 1939, Majer and Koch 1982,  
Greenslade 1994

*Cryptopygus antarcticus* Willem  
Jarrahdale, Del Park, Dwellingup  
Greenslade and Majer 1980, Majer and Koch 1982

*Cryptopygus dubius* Deharveng  
Gooseberry Hill, Jarrahdale, Del Park  
Womersley 1934b, 1939, Greenslade and Majer 1980,  
Greenslade, pers. comm.

\* *Cryptopygus thermophilus* (Axelson)  
Jarrahdale, Gooseberry Hill, Del Park, Preston Valley,  
Bridgetown  
Womersley 1934b, 1939, Greenslade and Majer 1980

*Folsomides parvulus* Stach  
Jarrahdale, Del Park  
Greenslade and Majer 1980, Greenslade 1994

*Folsomides sexophthalma* (Womersley)  
John Forrest NP  
Womersley 1934b, 1939, Greenslade 1994

*Isotoma swani* Womersley  
John Forrest NP  
Womersley 1934b, 1939

*Isotoma termitophila* Womersley  
Parkerville  
Womersley 1934b, 1939

*Isotoma tridentifera* Schött  
Pickering Brook  
Womersley 1939

*Isotomurus chiltoni* (Carpenter)  
John Forrest NP, Gooseberry Hill, Porongurups  
Womersley 1934b

\* *Proisotoma minuta* (Tullberg)  
Jarrahdale, Del Park  
Greenslade and Majer 1980

**ENTOMOBRYIDAE**

*Drepanura cinquilineata* Womersley  
Jarrahdale, Del Park, Bridgetown, Mt Barker  
Womersley 1934b, 1939 Greenslade and Majer 1980

\* *Entomobrya atrocincta* Schött  
Jarrahdale, Del Park  
Greenslade and Majer 1980

*Entomobrya lamingtonensis* Schött  
Mundaring, Gooseberry Hill, Dwellingup  
Womersley 1934b, 1939, Majer and Koch 1982

\* *Entomobrya unostrigata* Stach  
Jarrahdale, Del Park  
Greenslade and Majer 1980

*Entomobrya varia* Schött  
Denmark  
Womersley 1934b, 1939

*Lepidobrya mitchelli* (Womersley)  
Mt Barker  
Womersley 1934b, 1939, Greenslade 1994

*Lepidocyrtoides flavocinctus* (Womersley)  
Mundaring, Lesmurdie, Parkerville  
Womersley 1934b, 1939, Greenslade 1994

*Lepidosira australica* (Schött)  
Jarrahdale  
Greenslade and Majer 1980, Greenslade 1994

*Lepidosira terraereginae* (Ellis & Bellinger)  
Gooseberry Hill, Jarrahdale, Del Park, Dwellingup  
Womersley 1934b, 1939, Greenslade and Majer 1980,  
Majer and Koch 1982, Greenslade 1994

\* *Sinella coeca* (Schött)  
Bridgetown  
Womersley 1934b, 1939

*Sinella termitum* Schött  
Mundaring  
Womersley 1934b, 1939

#### PARONELLIDAE

*Pseudoparonella appendiculata* (Schött)  
Lesmurdie  
Womersley 1934b, 1939

#### CYPHODERIDAE

*Cyphodera nichollsi* (Womersley)  
Kalamunda  
Womersley 1934b, 1939, Greenslade 1994

#### NEELIDAE

*Megalothorax incertus* Börner  
Denmark  
Womersley 1939, Greenslade 1994

#### SMINTHURIDAE

*Aneuempodialis cinereus* (Womersley)  
Jarrahdale, Del Park  
Greenslade and Majer 1980

*Arrhopalites caecus* (Tullberg)  
Greenbushes  
Womersley 1932, Greenslade 1994

*Bourletiella hortensis* (Fitch)  
Ferguson, Yabbarup, Upper Preston  
Womersley 1932, Greenslade, pers. comm.

*Corynephorina cassida* Womersley  
Mundaring Weir, Jarrahdale, Del Park  
Womersley 1932, 1939 Greenslade and Majer 1980

*Nasosminthurus dimorphus* (Womersley)  
Yabbarup  
Womersley 1932, 1939, Greenslade 1994

*Nasosminthurus nigradorsalis* (Womersley)  
Kalamunda, Ferguson, Donnybrook  
Womersley 1932, 1939, Greenslade 1994

*Parakatianna spinata* Womersley  
Kalamunda, Upper Preston  
Womersley 1932, 1939

*Polykatianna aurea* (Womersley)  
Kalamunda, Ferguson  
Womersley 1932, 1939, Greenslade 1994

*Polykatianna pulchella* (Womersley)  
Bridgetown  
Womersley 1939, Greenslade 1994

*Pygicornides stagnalis* (Womersley)  
Denmark  
Womersley 1939, Greenslade 1994

*Rastriopes dromedarius* (Womersley)  
Mundaring, Kalamunda  
Womersley 1932, Greenslade 1994

*Rastriopes handschini* (Womersley)  
Bridgetown  
Womersley 1932, 1939, Greenslade 1994

*Sminthurinus aureus* (Krausbauer)  
Gooseberry Hill, Pickering Brook  
Womersley 1939, Greenslade 1994

*Smithurinus splendida* (Womersley)  
Kalamunda  
Womersley 1939, Greenslade 1994

*Sphaeridia pumilis* (Krausbauer)  
Wooroloo, Gooseberry Hill  
Womersley 1939, Greenslade 1994

*Temeritas denisii* (Womersley)  
Parkerville, Lesmurdie  
Womersley 1932, 1939, Greenslade 1994

#### PROTURA

##### EOSENTOMIDAE

*Eosentomon swani* Womersley  
Greenbushes  
Womersley 1939

##### ACERENTOMIDAE

*Acerentulus sexspinatus* Womersley  
Bolganup  
Womersley 1939

#### DIPLURA

##### CAMPODEIDAE

*Campodea tillyardii* Silvestri  
Kalamunda, Lesmurdie  
Womersley 1937b



*Metriocampa spinigera* Womersley  
Porongurups, Denmark  
Womersley 1937b, 1939

#### JAPYGIDAE

*Japyx glauerti* Womersley  
Serpentine Falls  
Womersley 1934a

*Japyx longiseta* Silvestri  
Lunenburg, Mt Helena  
Silvestri 1908

*Japyx michaelseni* Silvestri  
Mt Helena  
Houston 1994

*Japyx nichollsi* Womersley  
Frankland R  
Womersley 1934a

*Japyx womersleyi* Pagés  
Walpole Inlet  
Womersley 1934a, Houston 1994

*Notojapyx tillyardi* (Silvestri)  
Frankland R (Walpole Inlet)  
Womersley 1934a, Houston 1994

#### THYSANURA

##### NICOLETIIDAE

*Atopatelura hartmeyer* Silvestri  
Kalamunda, Gooseberry Hill  
Silvestri 1908, Womersley 1937a, 1939

*Atopatelura michaelseni* Silvestri  
Gooseberry Hill  
Silvestri 1908, Womersley 1937a, 1939

*Gastrotheus disjunctus* (Silvestri)  
Gooseberry Hill, Parkerville  
Silvestri 1908, Womersley 1937a, 1939 CSIRO 1970

*Trinemura novaehollandiae* Silvestri  
Gooseberry Hill  
Silvestri 1908, Womersley 1937a, 1939

##### LEPISMATIDAE

*Heterolepisma michaelseni* Silvestri  
Mt Helena  
Silvestri 1908

*Heterolepisma stilivarians* Silvestri  
Wooroloo, Donnybrook  
Silvestri 1908

#### EPHEMEROPTERA

##### BAETIDAE

*Baetis soror* Ulmer  
Serpentine Falls  
Ulmer 1908

#### LEPTOPHLEBIIDAE

*Deleatidium furciferum* (Eaton)  
Serpentine Falls  
Ulmer 1908, Campbell 1988

*Nousia inconspicua* (Eaton)  
Mt Helena  
Ulmer 1908, Campbell 1988

*Neboissophlebia occidentalis* Dean  
Seldom Seen Brook, Waterfall Gully (Jarrahdale), Foster Brook (N Dandalup R), Harvey R (15 km E Harvey), Warren R (Warren R NP), Beedelup Falls (16 km W Pemberton), Carey Brook (20 km W Pemberton), Deep R (10 km W Walpole), Ellen Brook Falls (10 km NW Margaret R)  
Dean 1988

#### CAENIDAE

*Tasmanocoenis tillyardi* (Lestage)  
Wungong Brook, N Dandalup R  
Bunn *et al.* 1986

#### ODONATA

##### COENAGRIONIDAE

*Austroagrion cyane* (Selys)  
Bridgetown, Wilgarrup  
Tillyard 1907, Houston and Watson 1988

*Ischnura aurora* (Brauer)  
Bridgetown, Wilgarrup  
Tillyard 1907, Ris 1910, Houston and Watson 1988

*Xanthagrion erythroneurum* (Selys)  
No localities given  
Watson, pers. comm.

##### LESTIDAE

*Austrolestes aleison* Watson & Moulds  
Lesmurdie, Karragullen, 61 km E Harvey  
Watson and Moulds 1979

*Austrolestes analis* (Rambur)  
Serpentine  
Ris 1910

*Austrolestes annulosus* (Selys)  
Bridgetown  
Tillyard 1907

*Austrolestes io* (Selys)  
No localities given  
Watson, pers. comm.

##### MEGAPODAGRIONIDAE

*Argiolestes minimus* Tillyard  
Bridgetown, Wilgarrup  
Tillyard 1907, Bunn *et al.* 1986

*Argiolestes parvulus* Watson  
No localities given  
Watson, pers. comm.

*Argiolestes pusillissimus* (Kennedy)

Map

Watson 1977

*Argiolestes pusillus* Tillyard

Map

Watson 1977, Bunn *et al.* 1986

#### AESHNIDAE

*Aeshna brevistyla* (Rambur)

Bridgetown, Wilgarrup

Tillyard 1916

*Austroaeschna anacantha* Tillyard

Kalamunda, Glen Forrest, Crystal Brook (Lesmurdie), Roleystone, Wungong Brook, N Dandalup R, Waroona Dam, Bridgetown, Barlee Brook, Wilgarrup, Frankland R Tillyard 1907, 1916, Ris 1910, Theischinger 1982, Bunn *et al.* 1986

*Hemianax papuensis* (Burmeister)

Mundaring Weir, Bridgetown

Tillyard 1916, Watson 1956

#### GOMPHIDAE

*Armagomphus armiger* (Tillyard)

Churchman Brook, Jarrahdale, S Dandalup R, Samson Brook, Clarke Brook, (S Logue Dam), W Walpole (SW Highway)

Watson 1991

*Austrogomphus collaris* Hagen

Walyunga Pool (Avon R), Hovea, Lesmurdie, Crystal Brook, Karragullen, Canning R (Roleystone and between Roleystone and Canning Dam), Serpentine Falls, S Dandalup R, Murray R 10 ml W Williams, Hillman R 6 ml E Darkan, Beaufort R (Moodiarrup), Boyup Brook, Bridgetown, Darradup (SW Nannup) Sues Bridge, Uannup Creek 2 ml W Gordon R townsite (N of Frankland) Watson 1991

*Austrogomphus lateralis* (Selys)

Kalamunda, Crystal Brook (Lesmurdie), Roleystone, Samson Brook, Tone R Mill, 4 ml N Pemberton, Margaret R, Deepdene

Watson 1991

#### PETALURIDAE

*Petalura hesperia* Watson

Lesmurdie, Karragullen

Watson 1957, 1958, Bunn *et al.* 1986

#### CORDULIIDAE

*Hemicordulia australiae* (Rambur)

Blackwood R

Tillyard 1907

*Hemicordulia tau* (Selys)

No localities given

Watson, pers. comm.

*Hesperocordulia berthoudi* Tillyard

Helena R (Helena Valley),

Canning R (between Roleystone and Canning Dam),

Churchman Brook (below dam), Serpentine Falls, Davies

Brook (3 ml E Dwellingup), Blackwood R (Sue's Bridge),

Tone R (Mt Barker-Manjimup Rd)

Theischinger and Watson 1978, 1984,

Bunn *et al.* 1986

*Lathrocordulia metallica* Tillyard

1.75 ml SW Karragullen, Churchman Brook, 5 ml E

Tallanalla, 7 ml E Nannup, 4 ml N Pemberton, 7 ml W

Denmark, Kronkup

Theischinger and Watson 1978, 1984, Bunn *et al.* 1986

*Procordulia affinis* (Selys)

Serpentine, Wilgarrup

Tillyard 1907, Ris 1910

*Synthemis cyanitincta* Tillyard

Wungong Brook

Tillyard 1910, Bunn *et al.* 1986

*Synthemis leachii* Selys

Darlington, Lesmurdie, 1.75 ml SW Karragullen,

Dwellingup, Bridgetown, Karridale

Tillyard 1907, 1910, Ris 1910, Watson 1967a, Bunn *et al.*

1986, Houston and Watson 1988

*Synthemis macrostigma* Hagen

Bridgetown, Wilgarrup

Tillyard 1910

#### LIBELLULIDAE

*Austrothemis nigrescens* (Martin)

Wilgarrup

Tillyard 1907

*Diplacodes bipunctata* (Brauer)

Bridgetown

Tillyard 1907

*Diplacodes haematodes* (Burmeister)

No localities given

Watson, pers. comm.

*Nannophya dalei* Tillyard

Wilgarrup

Tillyard 1908, Ris 1910

*Nannophya occidentalis* (Tillyard)

Bridgetown

Tillyard 1908, Houston and Watson 1988

*Orthetrum caledonicum* (Brauer)

No specific locality given

Bunn *et al.* 1986

*Trapezostigma stenoloba* Watson

Darlington

Watson 1967b

## BLATTODEA

### BLATTIDAE

*Allacta similis* (Saussure)  
Torbay  
Shelford 1909

*Drymaplaneta heydeniana* (Saussure)  
Pemberton, Karridale  
Mackerras 1968b

*Drymaplaneta semivittata* (Walker)  
Darlington, Kalamunda, Pickering Brook, Greenbushes,  
Bridgetown Shelford 1909, Mackerras 1968b

*Eppertia punctata* Princis  
Warren R  
Mackerras 1965c, Rentz and Cameron 1983

*Euzosteria femoralis* (Walker)  
Darlington, Kalamunda  
Mackerras 1965b

*Loboptera circumcincta* Tepper  
Mt Helena, Gooseberry Hill  
Shelford 1909

*Loboptera duodecimsignata* Tepper  
Mt Helena,  
Shelford 1909

*Melanozosteria conjuncta* Shelford  
Collie  
Shelford 1909, Mackerras 1968a, Rentz and Cameron 1983

*Melanozosteria fulva* Princis  
Darlington  
Rentz and Cameron 1983

*Melanozosteria morosa* Shelford  
Mundaring, Mundaring Weir, Mt Helena, Lesmurdie,  
Jarrahdale, Gleneagle, Collie, Walpole, Mt Barker,  
Karridale  
Shelford 1909, Mackerras 1968a, Rentz and Cameron 1983

*Platyzosteria fallax* (Walker)  
Mt Helena, Pemberton  
Mackerras 1967, CALM

*Platyzosteria fulva* Princis  
Darlington, Mundaring, Mt Cooke, Serpentine Falls,  
Bridgetown  
Mackerras 1968a, Koch 1980

*Platyzosteria inclusa* (Walker)  
Wooroloo, Mt Helena, Serpentine, Collie, Donnybrook  
Shelford 1909

*Platyzosteria jungii* (Tepper)  
8 ml NNW Kojonup  
Mackerras 1968a

*Platyzosteria obscura* (Tepper)  
Wooroloo, Mt Helena, Pickering Brook, Bickley,  
Donnybrook, Bridgetown  
Shelford 1909, Mackerras 1968a

*Platyzosteria occidentalis* Mackerras  
Lesmurdie  
Mackerras 1968a

*Polyzosteria cuprea* Saussure  
Mundaring, Manjimup, Pemberton, Big Brook, Nornalup,  
Bow R, S Karridale  
Mackerras 1965a

*Polyzosteria fulgens* Mackerras  
Darlington  
Mackerras 1965a

*Zonioploca bicolor* Shaw  
Hovea, Kalamunda, 6 ml E Kalamunda, Lesmurdie  
Mackerras 1965c

*Zonioploca pallida* Shelford  
Mt Helena, Pickering Brook, Lesmurdie, Collie,  
Donnybrook  
Shelford 1909, Mackerras 1965c

### BLATELLIDAE

*Ceratinoptera ensifera* Shelford  
Jarrahdale, Lunenberg, Bridgetown  
Shelford 1909, Rentz and Cameron 1983

*Hensaussurea halmaturina* (Tepper)  
Manjimup, Pemberton  
Roth 1991

*Hensaussurea pedestris* Princis  
Gleneagle  
Roth 1991

*Hensaussurea sheardi* Princis  
Pemberton, Margaret R, 5 km W Lake Cave  
Roth 1991

*Johnrehnia hodgkini* Princis  
Pemberton, Beedelup  
Rentz and Cameron 1983

*Neotemnopteryx fulva* (Saussure)  
Kalamunda, Manjimup, Pemberton, Nornalup, Margaret R,  
Mammoth Cave near Devil's Lair Cave, 5 km W Lake  
Cave, S Karridale  
Roth 1990

*Robshelfordia hartmani* Roth  
3 km SW Donnybrook, Denmark, Devil's Lair Cave (near  
Karridale), Deepdene  
Roth 1991

*Robshelfordia simplex* Princis  
Walyunga NP, Gooseberry Hill  
Roth 1991

## ISOPTERA

### KALOTERMITIDAE

*Bifiditermes improbus* (Hagen)  
No specific localities listed  
Perry *et al.* 1985

*Cryptotermes austrinus* Gay & Watson

Pemberton

Heather 1971, Gay and Watson 1982, Perry *et al.* 1985

*Kalotermes aemulus* Sewell & Gay

Mt Gungin, 80 km SSE Perth (Albany Highway),  
Wagerup-Willowdale, Rudgyard (Denmark), Mt Barker  
Sewell and Gay 1978, Perry *et al.* 1985, Bunn 1983

*Kalotermes hilli* Emerson

Hester, Manjimup, Pemberton, Donnelly R, 11 km SW  
Pemberton, Big Brook, Nornalup, 6.5 km W Denmark, 6.5  
km E Denmark

Sewell and Gay 1978, Perry *et al.* 1985

RHINOTERMITIDAE

*Coptotermes acinaciformis* (Froggatt)

Mundaring, Mt Helena, Hovea, 6 ml SW Bakers Hill, 13  
ml SE Armadale, 30 ml ESE Karragullen, 6 ml W Dale  
Bridge, 19 ml W Brookton, Jarrahdale, Dwellingup,  
Holyoake, Serpentine, Huntly, Wagerup-Willowdale,  
Collie, 10 ml SE Darkan, 2 ml NW Bowelling, 6 ml W  
Bowelling, 6 ml ESE Collie, 20, 31, 34 ml NW Williams,  
9 ml WSW Moodiarrup, 3 ml S Boyanup, 8 ml NE  
Donnybrook, 4 ml SSW Boyup Brook, Noggerup,  
Muradup, Greenbushes, Bridgetown, 3 ml NW  
Greenbushes, Manjimup, 16 ml SSE Manjimup,  
Pemberton, Nornalup, 1, 15 ml W Denmark, Mt Barker,  
Porongurup, 3 ml N Kojonup  
Hill 1921a, 1926, 1942, Calaby 1956a, Calaby and Gay  
1956, Jenkins and Curry 1971, Bunn 1983, Perry *et al.*  
1985

*Coptotermes michaelseni* Silvestri

Pickering Brook, 2 ml E Sawyers Valley, 70 ml SE Perth  
(Albany Highway), Collie  
Silvestri 1909, Hill 1926, 1942, Calaby and Gay 1956,  
Perry *et al.* 1985

*Heterotermes occiduus* (Hill)

Mundaring, Mt Helena, Jarrahdale, Dwellingup, Wagerup-  
Willowdale Silvestri 1909, Mjöberg 1920, Hill 1927, 1942,  
Bunn 1983, Perry *et al.* 1985

*Heterotermes platycephalus* Froggatt

Mt Helena, Mundaring, Jarrahdale, Dwellingup,  
Wuraming, Marrinup, Inglehope, Collie, Wagerup-  
Willowdale, Noggerup, Kirup, Greenbushes, Bridgetown,  
Manjimup, Pemberton, Nornalup, Mt Barker, Porongurup  
Hill 1927, 1932, 1942, Bunn 1983, Perry *et al.* 1985

*Schedorhinotermes reticulatus* (Froggatt)

Hovea, John Forrest NP  
Hill 1933, 1942, Perry *et al.* 1985

TERMITIDAE

*Ahamitermes hillii* (Nicholls)

20 ml NW Williams, Greenbushes, Mt Barker, 16 ml SSE  
Manjimup, 3 ml N Kojonup  
Hill 1942, Calaby 1956a, Perry *et al.* 1985

*Amitermes conformis* Gay

Wagerup-Willowdale

Gay 1968, Bunn 1983, Perry *et al.* 1985

*Amitermes heterognathus* Silvestri

Mt Gungin, Bakers Hill

Gay 1968, Perry *et al.* 1985

*Amitermes modicus* Hill

6 ml W Dale Bridge, 10 ml SE Darkan, 2 ml NNE  
Kojonup

Calaby 1956b, Gay 1968, Perry *et al.* 1985

*Amitermes obeuntis* (Silvestri)

Mundaring Weir, Kalamunda, Hovea, Mt Helena,  
Serpentine, Jarrahdale, Dwellingup, Inglehope, 9 ml E  
Wagerup, 18 ml E Bengel, Collie, Wagerup-Willowdale,  
Noggerup, Kirup, Mullalyup, Greenbushes, Bridgetown,  
Manjimup, Pemberton, Mt Barker, Muradup  
Silvestri 1909, Hill 1932, 1935, 1942, Bunn 1983

*Amitermes obtusidens* (Mjöberg)

Mt Helena

Hill 1942

*Amitermes pallidiceps* Gay

Julimar

Gay 1968, 1969

*Amitermes procerus* Gay

3 ml NNE Kojonup, 3 ml N Kojonup  
Gay 1968

*Apsenterotermes iridipennis* (Gay)

Map

Gay 1971, Miller 1991

*Drepanotermes rubriceps* (Froggatt)

Chidlow

Hill 1942

*Ephelotermes argutus* (Hill)

Map

Gay 1971, Perry *et al.* 1985

*Eutermes peracutus* Hill

Chidlow

Hill 1925, 1942

*Hesperotermes infrequens* (Hill)

Map

Hill 1942, Gay 1971, Perry *et al.* 1985, Miller 1991

*Microcerotermes distinctus* Silvestri

Mundaring, Hovea, Wagerup-Willowdale

Hill 1942, Bunn 1983, Perry *et al.* 1985

*Microcerotermes newmani* Hill

Mundaring, Hovea,  
Wagerup-Willowdale, Hester

Hill 1927, 1942, Bunn 1983, Perry *et al.* 1985

*Nasutitermes coalescens* (Mjöberg)

Mundaring

Mjöberg 1920, Hill 1942

*Nasutitermes exitiosus* (Hill)

Lyall Mill, Wagerup-Willowdale, Donnybrook  
Silvestri 1909, Hill 1925, 1942, Bunn 1983, Perry *et al.*  
1985

*Occasitermes occasus* (Silvestri)

Wooroloo, Mt Helena, John Forrest NP, Mundaring,  
Mundaring Weir, Mt Gungin, 3 km E Sawyers Valley, 80  
km SSE Perth, 9.5 km ESE Karragullen, 5 km E  
Karagullen, 21 and 35 km SE Armadale (Albany  
Highway), Jarrahdale, 13 km ENE Jarrahdale, 30.5 km NE  
Pinjarra, Dwellingup, Wagerup-Willowdale, Collie, 9.5 km  
ESE Collie, 6.5 km NNE Mumballup, 9.5 km W  
Bowelling, 13 km NE Donnybrook, 5 km NW  
Greenbushes, 6.5 km WSW Boyup Brook, Bridgetown,  
Balingup, Palgarrup, L Muir, L Cave (Margaret R), 1.5 km  
W Augusta, 9.5 km W Jingalup, 16 km N Mt Barker, 8 km  
S Mt Barker Silvestri 1909, Hill 1942, Gay 1974, Koch  
1980, Bunn 1983, Perry *et al.* 1985.

*Paracaprithermes hesperus* Gay

11 ml NNE Bindoon, 6 ml ESE Karagullen, 2 ml E  
Sawyers Valley, 14 ml SE Armadale, 35 ml SSE Armadale,  
8 ml ENE Jarrahdale, 20 ml NW Williams, Hester, 4 ml  
WSW Boyup Brook, 2 ml S Yornup, 2 ml NE Pemberton,  
4 ml NE Kojonup  
Gay 1955

*Peracaprithermes kraepelinii* (Silvestri)

Map Julimar, Mt Gungin,  
Mundaring Weir, Hovea, Mt Helena, Kalamunda, 2 ml E  
Sawyers Valley, 13, 14 and 35 ml SE Armadale (Albany  
Highway), 6 ml ESE Karragullen, 18 ml NE Jarrahdale,  
Dwellingup, Marrinup, Inglehope, 9 ml NW N Bannister,  
20 ml NW Williams, Wagerup-Willowdale, Collie,  
Noggerup, Hester, Greenbushes, Kirup, Bridgetown, 4 ml  
W Boyup Brook, 2 ml S Yornup, Manjimup, Pemberton, 4  
ml NE Kojonup  
Silvestri 1909, Hill 1942, Gay 1955, 1971, Koch 1980,  
Bunn 1983, Perry *et al.* 1985, Miller 1991

*Tumulitermes apiocephalus* (Silvestri)

Mundaring, Hovea, Kalamunda, Ridge Hill, Jarrahdale,  
Wagerup-Willowdale, Noggerup  
Silvestri 1909, Mjöberg 1920, Hill 1925, 1942, Bunn  
1983, Perry *et al.* 1985

*Tumulitermes westraliensis* (Hill)

Ridge Hill, Mundaring, Kalamunda, Wagerup-Willowdale,  
Bowelling, Noggerup  
Hill 1921b, 1925, 1942, Bunn 1983, Perry *et al.* 1985

*Xylochomitermes occidualis* (Gay)

map  
Wagerup-Willowsdale, Rudgyard  
Bunn 1983, Perry *et al.* 1985

*Xylochomitermes reductus* (Gay)

10 ml SE Darkan, 2-3 ml NNE Kojonup  
Gay 1971, Miller 1991

**MANTODEA**

**AMORPHOSCELIDAE**

*Paroxypilus tasmaniensis* Sauss.

Mt Helena  
Werner 1912

**DERMAPTERA**

**PYGIDICRANIDAE**

*Dacnodes shortridgei* (Burr)

Mundaring, Pemberton, Porongurups  
Hincks 1959

**ANISOLABIDIDAE**

*Anisolabis westralica* Burr

Bridgetown  
Burr 1908, Steinmann 1989

*Carcinophora occidentalis* (Kirby)

Collie  
Burr 1908, Koch 1980, Steinmann 1989

*Gnolabis woodwardi* Burr

Wooroloo, Mundaring, Mundaring Weir, Mt Helena,  
Gooseberry Hill, Collie, Donnybrook, Bridgetown  
Burr 1908, Mjöberg 1924, Koch 1980

**LABIDURIDAE**

*Labidura riparia* (Pallas)

Mundaring Weir  
Burr 1908

**PLECOPTERA**

**GRIPOPTERYGIDAE**

*Leptoperla australica* (Enderlein)

John Forrest NP, Seldom Seen Brook, Foster Brook,  
Wungong Brook, North Dandalup R, Finlay Brook, Dillon  
Brook, Serpentine, Lunenberg, Carey Brook, Bolganup  
Enderlein 1912, Kimmins 1951, McLellan 1971, Hynes  
and Bunn 1984, Bunn *et al.* 1986

*Newmanaperla thoreyi* (Banks)

John Forrest NP, Darlington, Seldom Seen Brook,  
Mundaring, Chidlow, Wungong Brook, Serpentine Falls,  
North Dandalup, Harvey Falls, Waterfall Gully, Foster  
Brook, Finlay Brook, Pemberton, Shannon R (30 km W  
Northcliffe), Bolganup,  
Kimmins 1951, McLellan 1971, Hynes 1982, Hynes and  
Bunn 1984, Bunn *et al.* 1986

*Riekoperla occidentalis* Hynes & Bunn

Foster Brook  
Hynes and Bunn 1984, Bunn *et al.* 1986

**ORTHOPTERA**

**GRYLLACRIDIDAE**

*Eremus hartmeyeri* Griffini

Mundaring Weir  
Griffini 1913

TETTIGONIIDAE

*Mygalopsis pauperculus* (Walker)  
Beedelup Falls, 30 km E Margaret R, Augusta, Broke Inlet  
Bailey 1979

*Mygalopsis sandowi* Bailey  
Mundaring, head of Margaret R, Forest Grove  
Bailey 1979

*Tympanophora pellucida* White  
Crystal Springs (11 km W Walpole)  
Map  
Riek 1976

*Tympanophora similis* Riek  
John Forrest NP, Darlington, Kalamunda  
Riek 1976, Rentz and Balderson 1979

GRYLLIDAE

*Balamara albovittata* (Chopard)  
Beedelup Falls (Pemberton)  
Otte and Alexander 1983

*Bobilla bivittata* (Walker)  
Pemberton, Warren R, Nornalup  
Chopard 1951, Otte and Alexander 1983

*Endacusta pindana* Otte & Alexander  
Mundaring, 28 ml SW Margaret R  
Otte and Alexander 1983

*Lepidogryllus parvulus* (Walker)  
'Darling Ranges'  
Chopard 1951

*Malua manmarris* Otte & Alexander  
Mundaring Weir, Darlington 50 ml E Perth  
Otte and Alexander 1983

*Nambungia balyarta* Otte & Alexander  
12 ml W Pemberton, 19 km N Augusta  
Otte and Alexander 1983

EUMASTACIDAE

*Swanea carbolineata* (Rehn)  
'Darling Range'  
Key 1976

PYRGOMORPHIDAE

*Monistria discrepans* (Walker)  
Kalamunda, Darlington, Lesmurdie, 26 ml W Denmark  
Key 1985

*Monistria maculicornis* Sjöstedt  
John Forrest NP, 5 km WSW Mundaring, 3 ml NNW  
Crossman, Bannister, 2 ml SSE Yornup, 26 km W  
Denmark  
Key 1985

*Psedna nana* (Rehn)  
Mundaring Weir, 16 ml SE Karragullen, 20 ml ESE  
Karragullen, 1 ml NE Kelmscott, Jarrahdale, 1 ml SE  
Harvey, 2 ml ENE Bowelling, L Muir, 11 ml E Nornalup,  
12 ml NW Williams, 14 ml NW Kojunup, Porongurups  
Key 1972

*Scutilla verrucosa* Sjöstedt  
Glen Forrest, Jarrahdale  
Key 1985

ACRIDIDAE

*Chortoicetes terminifera* (Walker)  
Donnybrook, Bridgetown, Mt Barker  
Key 1954

*Gastrimargus musicus* (Fabricius)  
Map  
Mundaring Weir, Manjimup  
Ritchie 1982, CALM

*Monistria latevittata* Sjöstedt  
Serpentine  
Rehn 1953

*Phaulacridium vittatum* (Sjöstedt)  
Dwellingup, Manjimup  
Majer and Koch 1982, McFadden 1986

TETRIGIDAE

*Cyphotettix camelus* Rehn  
Bridgetown  
Rehn 1952

*Paratettix australis* (Walker)  
Pemberton  
Rehn 1952

*Peronotettix cyclopyga* Rehn  
Pemberton  
Rehn 1952

PSOCOPTERA

PHILOTARSIDAE

*Austropsocus occidentalis* Thornton & New 5 ml SW  
Karridale  
Thornton and New 1977

*Haplophallus guttatus* (Tillyard)  
Nornalup, Porongurup NP  
Thornton and New 1977

MYOPSOCIDAE

*Phlotodes australis* (Brauer)  
2.4 km E Pemberton  
Smithers 1975

HEMIPTERA

PSYLLIDAE

*Anoeconeossa vespertina* Taylor  
13 km NW Pemberton, 4 km W Deep R  
Taylor 1987

*Creiis periculosa* (Olliff)  
Noble Falls, Bakers Hill, Jarrahdale, Mt Barker  
Taylor 1964, Wallace 1966, Jenkins and Curry 1971, Curry  
1981b,c, Abbott 1985

*Cryptoneossa occidentalis* Taylor  
Wooroloo, 43.5 km SE Nannup, 12.9 km NW Pemberton,  
27.4 km NW Deep R, Valley of Giants, Bow R  
Taylor, K.L. 1990

*Glyscaspis confinis* Moore  
12 and 21 ml W Bakers Hill  
Moore 1970, 1971

*Glyscaspis deirada* Moore  
2.5 ml NW Deep R  
Moore 1970

*Glyscaspis icterica* Moore  
25 ml SE Nannup, 17 ml NW Deep R, 15 ml NW Walpole  
Moore 1970

#### TRIOZIDAE

*Schedotrioza occidentalis* Taylor  
17 ml N Albany  
Taylor, G.S. 1990

#### ALEYRODIDAE

*Xenaleyrodes eucalypti* Dumbleton  
Mersea block  
CALM

#### APHIDIDAE

*Anomalaphis comperei* Pergande  
S Nannup, S Pemberton, E Margaret R  
WADA

*Ceriferella dossuaria* Carver & Martyn  
S Donnybrook, S Nannup, Manjimup, Darradup, Mt  
Barker  
Carver and Martyn 1965, WADA

*Tinocallis ulmiparvifoliae* Matsumara  
Alexander Bridge  
WADA

#### ADELGIDAE

\* *Pineus pini* (Macquart)  
Widespread in pine plantations  
Jenkins and Curry 1971, Abbott 1985

#### MARGARODIDAE

*Callipappus farinosus* Fuller  
Mt Helena  
Lindinger 1913

#### PSEUDOCOCCIDAE

*Australicoccus grevilleae* (Fuller)  
Darlington  
Williams 1985

*Dysmicoccus mundaringae* Williams  
Mundaring  
Williams 1985

*Dysmicoccus waustensis* Qin & Gullan  
John Forrest NP, 3 km N Canning Reservoir  
Qin and Gullan 1990

*Epicoccus acaciae* (Maskell)  
Gooseberry Hill  
Williams 1985

*Eucalyptococcus gisleni* (Ossiannilsson)  
Pemberton, Northcliffe, Walpole, Denmark, Porongurups  
Williams 1985

*Maconellicoccus lanigerus* (Fuller)  
Torbay  
Lindinger 1913, Williams 1985

#### ERIOCOCCIDAE

*Apiomorpha helmsii* Fuller  
Serpentine Reservoir, 44 km NW Williams, 90 km NNW  
Albany  
Gullan 1984

*Apiomorpha maliformis* Fuller  
Jarrahdale, Dwellup, Manjimup  
Froggatt 1931, Gullan 1984

*Apiomorpha ovicoloides* (Tepper)  
90 km NNW Albany  
Gullan 1984

*Apiomorpha regularis* (Tepper)  
90 km NNW Albany  
Gullan 1984

*Apiomorpha strombylosa* (Tepper)  
90 km NNW Albany  
Gullan 1984

*Apiomorpha subconica* (Tepper)  
2.4 km N Shannon R  
Gullan 1984

#### DIASPIDIDAE

*Aspidiotus nerii* Bouché  
Jarrahdale  
Lindinger 1913, CSIRO 1970

*Ceronema dryandrae* Fuller  
'Darling Ranges'  
Fuller 1899

#### INCERTAE SEDIS

*Bunduica rubrovenosa* Jacobi  
Torbay  
Jacobi 1909

#### CICADIDAE

*Arenopsaltria fullo* (Walker)  
Map  
Moulds 1990

*Cicadetta convergens* (Walker)  
Map  
Moulds 1990

*Cicadetta melete* (Walker)  
Map  
Moulds 1990

*Cicadetta quadricincta* (Walker)  
Map  
Moulds 1990

*Froggattoides pallida* (Ashton)  
Map  
Moulds 1990

*Kobonga umbrimargo* (Walker)  
Map  
Moulds 1990

*Macrotristria occidentalis* Distant  
Map  
Moulds 1990

*Pauropsalta bellatrix* Ashton  
Warren R  
Ashton 1914, Moulds 1990

*Pauropsalta encaustica* (Germar)  
Map  
Moulds 1990

#### CICADELLIDAE

*Idiocerus lesmurdiensis* Evans  
Lesmurdie  
Evans 1935

*Neotartessus fumus* (Evans)  
Mundaring Weir  
Evans 1942, 1966, 1981

*Neotartessus mundarensis* (Evans)  
Mundaring Weir  
Evans 1942, 1966, 1981,

*Pascoepus nevoissi* Webb  
Karagullen  
Webb 1983

*Rosopaella kirkaldyi* (Evans)  
16 ml N Collie  
Webb 1983

*Rosopaella nigropicta* Webb  
Mt William, Manjimup  
Webb 1983

*Rospaella rubrofascia* Webb  
6 ml N Collie  
Webb 1983

*Zaletta lesmurdiensis* (Evans)  
Lesmurdie  
Evans 1935, Webb 1983

*Zaletta nereias* (Kirkaldy)  
Mundaring Weir  
Webb 1983

#### EURYMELIDAE

*Eurymeloides punctata* (Signoret)  
Map  
Dwellingup, Nannup  
Stevens 1985, WADA

*Eurymelops rubrovittata* (Amyot & Serville)  
Dwellingup, Collie, Wilga, Kirup, Nannup, Manjimup,  
Pemberton, Dombakup, Walpole, Mt Barker, Karridale  
Evans 1966, CALM, WADA

*Lasioscopus acmaeops* (Jacobi)  
Mundaring Weir  
Jacobi 1909, China 1926, Evans 1966

*Pogonoscopus clarkei* China  
Mundaring  
China 1926

*Pogonoscopus fuscus* China  
Mundaring  
China 1926

*Pogonoscopus lenis* (Jacobi)  
Mundaring  
Jacobi 1909, China 1926, Evans 1966, Koch 1980

*Pogonoscopus myrmex* China  
Mundaring, Lesmurdie  
China 1926, Evans 1966

#### MEMBRACIDAE

*Sertorius brebicornis* Goding  
Mt Barker  
Goding 1903

*Sextius depressus* Goding  
Bridgetown  
Goding 1903

#### NEPIDAE

*Laccotrephes tristis* (Stal)  
Glen Forrest, Mahogany Creek, Mundaring Weir, Kojonup  
WAM, WADA

*Ranatra dispar* Montandon  
Araluen  
WAM

#### OCHTERIDAE

*Megochterus occidentalis* Baehr  
Walpole-Nornalup NP  
Baehr 1990

#### GELASTOCORIDAE

*Nerthra femoralis* (Montandon)  
Mundaring Weir, Hovea, Bridgetown, Pemberton,  
Warren R, Wallcliffe  
Hale 1925, Todd 1960

*Nerthra stali* (Montandon)  
Dwellingup, Manjimup, Pemberton  
Todd 1960, Majer and Koch 1982

*Nerthra tuberculata* (Montandon)  
Mundaring, Befordale, Pemberton, Warren R  
Todd 1960, WADA



CORIXIDAE

*Diaprepocoris personata* Hale  
Mundaring  
Hale 1924

*Sigara mullaka* Lansbury  
'Darling Ranges'  
Lansbury 1970

MIRIDAE

*Chaetodus longiceps* Eyles  
The Knoll (Walpole-Nornalup NP)  
Carvalho and Gross 1980

REDUVIIDAE

*Ptilocnemus lemur* (Westwood)  
Julimar, Bakers Hill, Greenmount, Darlington, Kalamunda,  
Mundaring Weir, Araluen, Bedforddale, Mt Cooke, Mt  
Solus, Grimwade  
Malipatil 1985, WADA

ARADIDAE

*Aspisocoris termitophilus* Kormilev  
Mundaring  
Kormilev 1967

*Neuroctenus majusculus* Bergroth  
Warren R  
Kormilev 1967

PIESMATIDAE

*Mcateella gibber* Drake  
Mundaring Weir  
Drake 1958

LYGAEIDAE

*Austronysius sericus* Ashlock  
16 km S Margaret R  
Slater 1976b

*Austroxetes westraliensis* Woodward  
Pemberton (Brockman NP), 4 ml N Walpole  
Woodward 1979

*Botocudo* aff. *ornatus* (Bergroth)  
Pemberton  
Slater 1976b

*Coleocoris ocellatus* Gross  
Serpentine Dam  
Slater 1976b

*Crompus opacus* Scudder  
Mundaring Weir, Serpentine Dam, 13-16 km S Margaret R  
Scudder 1957, Slater 1976b

*Cryptorhamphus orbis* Stål,  
Julimar, Warren R, 16 km S Margaret R  
Hamid 1971, Slater 1976b

*Cymus novaezelandiae* Woodward  
Serpentine Dam  
Slater 1976b

*Dieuches notatus* (Dallas)  
Warren R  
Gross and Scudder 1963

*Euander lacertosus* (Erichson)  
Collie, Pemberton  
Gross 1962, Slater 1976a,b

*Euander multicoloratus* (Distant)  
Pemberton  
Slater 1976b

*Ischnodemus sordidus* Slater  
S Pemberton  
Slater 1968

*Isopeltus australis* (Bergroth)  
Mundaring Weir, Serpentine Dam, Pemberton  
Slater 1976b

*Lepionysius grossi* Ashlock  
Pemberton  
Slater 1976b

*Melanerythrus mactans* (Stål)  
Map  
Mundaring  
Slater 1985, WADA

*Nysius vinitor* Bergroth  
Denmark  
WADA

*Ontiscus obscurus* Scudder  
Julimar, Serpentine Dam  
Slater 1976a,b

*Porander scudderi* Gross  
Pemberton  
Slater 1976a,b

*Spilostethus decoratus* (Stål)  
Map  
Slater 1985

*Spilostethus pacificus* (Boisduval)  
6 ml E Kalamunda, Helena R, Mundaring Weir,  
Bedforddale, Manjimup, Denmark  
WAM, WADA

*Udeocoris nigroaeneus* (Erichson)  
Julimar, Mundaring Weir, Boyup Brook, Warren R  
Gross 1962, Slater 1976b

*Udeocoris scudderi* Gross  
Julimar  
Slater 1976b

COREIDAE

*Amorbus bispinus* (Westwood)  
Inglehope, Kirup, Nannup, Shannon  
CALM

*Mictis profana* Fabricius  
Bakers Hill, Carmel, Roleystone  
WAM, WADA

ALYDIDAE

*Melanocanthus margineguttatus* Distant  
Kalamunda, Forest Grove  
WAM

SCUTELLERIDAE

*Choerocoris paganus* (Fabricius)  
Kalamunda, Araluen, Collie, Torbay, Mt Barker  
WAM, WADA

PENTATOMIDAE

*Chaetocoris variegatus*  
Walpole  
CALM

*Cuspicona cygniterrae* Gross  
Kalamunda, Serpentine Dam, Mt William  
Gross 1975, Koch 1980

*Cuspicona procallosa* Gross  
Mt William, Deepdene  
Gross 1975

*Kapunda thoughtoni* Distant  
Mundaring  
CALM

\**Nezara viridula* (Linnaeus)  
Shannon R  
WAM

*Ocirrhoe inconspicua* (Dallas)  
Darlington, Mundaring Weir  
Gross 1975

*Ocirrhoe lutescens* Distant  
Map  
Gross 1975

*Ocirrhoe unimaculata* (Westwood)  
Map  
Gross 1975

*Omyta spinosa* (Van Duzee)  
Denmark  
WAM

*Poecilometis apicalis* (Westwood)  
Map  
Gross 1972

*Poecilometis lineatus* (Westwood)  
Kalamunda, Mundaring, Helena R, Lesmurdie,  
Bickley, Serpentine Dam, Bridgetown, Warren R,  
Yelverton, E Mt Barker  
Gross 1972

*Poecilometis patruelis* Stål  
Map  
Gross 1972

*Poecilometis punctiventris* (Stål)  
Mundaring, Bickley, Jarrahdale, Mt William,  
Deepdene  
Gross 1972

*Pseudapines geminata* (Van Duzee)  
Dwellingup, Nannup, Manjimup, Pemberton  
CALM

*Theseus modestus* (Stål)  
Kalamunda, Mundaring catchment  
WAM

THYSANOPTERA

AEOLOTHRIPIDAE

*Andrewarthaia kellyana*  
Bakers Hill, Mundaring  
Newman 1935, Mound, pers. comm.

*Cranothrips kartus* Mound  
Lesmurdie  
Mound 1972b

*Cranothrips poultoni* Bagnall  
Wooroloo  
Mound 1972b

*Desmothrips australis* (Bagnall)  
Mundaring  
Newman 1935, Vevers Steele 1935, Mound 1967

*Desmothrips mendozai* Girault  
Mundaring  
Newman 1935, Mound 1967

*Desmothrips steeleae* Mound  
Pemberton  
Mound 1972b

*Dorythrips wallacei* Mound  
Kalamunda, Mundaring  
Mound 1972b

*Haplothrips victoriensis* (Bagnall)  
Bakers Hill, Bridgetown  
Newman 1935

*Phaulothrips fuscus* (Moulton)  
Bridgetown  
Newman 1935

THRIPIDAE

*Anaphothrips varii* Moulton  
Mt Barker  
Pitkin 1978

*Australothrips bicolor* (Bagnall)  
Bakers Hill, Mundaring, Mt Barker  
Newman 1955

*Ceratothrips frici* Uzel  
Mt Barker  
Houston *et al.* 1991

*Chirothrips manicatus* Haliday  
Manjimup  
Mound and Palmer 1972

*Hercinothrips bicinctus* (Bagnall)  
Bakers Hill  
Houston *et al.* 1991

*Odontothripiella australis* (Bagnall)  
Mundaring, Mundaring Weir, Bedforddale, Mt Barker  
Bagnall 1918, Newman 1935, Vevers Steele 1935, Mound  
1968, Pitkin 1972

*Odontothripiella bispinosa* (Bagnall)  
Mundaring Weir  
Mould 1968, Pitkin 1972

*Odontothripiella hopei* Pitkin  
2 ml S Mt Barker  
Pitkin 1972

*Odontothripiella passalaina* Pitkin  
13 ml S Manjimup, 19 ml E Manjimup  
Pitkin 1972

*Pseudanaphothrips achaetus*  
Mundaring, Mt Barker  
Newman 1935

*Scolothrips sexmaculatus* (Pergande)  
Bridgetown  
Newman 1935

*Taeniothrips breviocornis* (Bagnall)  
Bridgetown  
Newman 1935

*Thrips australis* Bagnall  
Wooroloo, Bakers Hill, Mundaring, Mundaring Weir,  
Bridgetown, Mt Barker  
Bagnall 1915, Newman 1935, Vevers Steele 1935,  
Sakimura 1967a, Mound 1968

*Thrips imaginis* (Bagnall)  
Wooroloo, Bakers Hill, Kalamunda, Mundaring,  
Lesmurdie, Karagullen, Bedforddale, Bridgetown, Mt  
Barker  
Newman 1935

*Thrips seticollis* Bagnall  
Mundaring Weir  
Bagnall 1915, Newman 1935, Sakimura 1967a,b, Mound  
1968

*Thrips tabaci* (Lind.)  
Kalamunda, Mundaring, Bedforddale, Serpentine,  
Bridgetown, Mt Barker  
Newman 1935

#### PHLAEOTHIRIPIDAE

*Apterygothrips australis* Pitkin  
Manjimup  
Pitkin 1973

*Baenothrips moundsi* (Stannard)  
Manjimup  
Mound 1972a

*Carientothrips badius* (Hood)  
Manjimup  
Mound 1974a, pers. comm.

*Carientothrips vesper* Mound  
Manjimup  
Mound 1974a, b

*Haplothrips angustus* Hood  
Manjimup, 13 ml S Manjimup  
Pitkin 1973

*Liothrips atratus* (Moulton)  
Mundaring  
Newman 1935

*Nesothrips propinquus* (Bagnall)  
Manjimup  
Mound 1974a

#### MEGALOPTERA

##### CORYDALIDAE

*Archichauliodes cervulus* Theischinger  
Beedelup Falls  
Bunn *et al.* 1986, Theischinger and Houston 1988

#### NEUROPTERA

##### ITHONIDAE

*Ithone westraliensis* Riek  
Warren R (6 ml SE Pemberton), 2 ml NW Margaret R  
Riek 1974

##### MANTISPIDAE

*Campion australasiae* (Guérin)  
Darlington, Jarrahdale, Forest Grove  
Lambkin 1986b

*Campion callosus* Lambkin  
John Forrest NP  
Lambkin 1986b

*Campion rubellus* Navás  
Collie  
Lambkin 1986b

*Campion tenuistriga* (Gerstaecker)  
John Forrest NP, Parkerville, Pipehead Dam, Margaret R  
Lambkin 1986b

*Theristria basalis* Banks  
Nornalup  
Lambkin 1986a

*Theristria commoni* Lambkin  
Bannister  
Lambkin 1986a

*Theristria rieki* Lambkin  
John Forrest NP, Serpentine Falls, Pipehead Dam 15 ml  
SSE Armadale, Bannister  
Lambkin 1986a

##### HEMEROBIIDAE

*Zachobiella lobata* New  
Beedelup Falls  
New 1988

##### MYRMELEONTIDAE

*Glenoleon osmyloides* (Gerstaecker)  
Gooseberry Hill, Serpentine Falls  
New 1985b

*Heoclisia fundata* (Walker)  
Darlington, Wilga  
New 1985c

*Myrmeleon acer* Walker  
Pemberton  
New 1985a

*Periclystus aureolatus* Tillyard  
Bridgetown  
New 1985b

*Stilbopteryx napoleo* (Lefebvre)  
Walyunga NP, John Forrest NP  
Smithers 1989

#### CHRYSOPIDAE

*Calochrysa extranea* (Esben-Petersen)  
John Forrest NP, Kalamunda, Warren R, (6 ml SE  
Pemberton), 2 ml N Margaret R, Forest Grove  
New 1980

*Chrysopa edwardsi* Banks  
Nornalup  
New 1980

*Chrysopa ramburi* Schneider  
Glen Forrest, Mundaring Weir, Warren R, 6 ml SE  
Pemberton  
New 1980

*Chrysopa signata* Schneider  
John Forrest NP, Glen Forrest, Nornalup, Porongurups  
New 1980

*Chrysopa tripunctata* McLachlan  
John Forrest NP, Mundaring Weir, Nornalup  
Kimmins 1952, New 1980

*Dictyochrysa peterseni* Kimmins  
7 ml S Pemberton, 12 ml W Pemberton  
New 1980

*Nothancyla verreauxi* Navás  
N Dandalup NP, Pemberton, Karridale (Deepdene)  
New 1980

#### ASCALAPHIDAE

*Acmonotus incusifer* McLachlan  
Kalamunda, 10 km E Kalamunda, Mundaring Weir,  
Chidlow, Araluen, Jarrahdale  
New 1984

*Megacmonotus magnus* (McLachlan)  
Kalamunda, Bannister, Forest Grove, Deepdene  
New 1984

#### COLEOPTERA

##### CUPEDIDAE

*Adinolepis apodema* Neboiss  
Canning R (4 km E Gleneagle)  
Neboiss 1987

#### CARABIDAE

##### CARABINAE

*Adelotopus occidentalis* Castelnau  
Mt Barker  
Sloane 1898

*Agonocheila chaudiroi* Sloane  
Mt Barker  
Sloane 1898, Moore *et al.* 1987

*Agonocheila fasciata* Sloane  
Mt Barker  
Sloane 1898, Moore *et al.* 1987

*Agonocheila fenestrata* Blackburn  
Bridgetown, Mt Barker  
Sloane 1898, Moore *et al.* 1987

*Agonocheila ruficollis* Sloane  
Mt Barker  
Sloane 1898, Britton and Stanbury 1981, Moore *et al.*  
1987

*Amblystomus anthracinus* (Sloane)  
Mt Barker  
Sloane 1898, Moore *et al.* 1987

*Amblystomus gracilis* (Blackburn)  
'Darling Ranges'  
Sloane 1898, Moore *et al.* 1987

*Amblytelus brevis* Blackburn  
Mt Barker  
Sloane 1898

*Amblytelus leai* Sloane  
Mt Barker  
Sloane 1898

*Carenum laevipenne* Macleay  
Mt Barker  
Sloane 1898

*Carenum violaceum* Macleay  
'Darling Ranges', Mt Barker  
Sloane 1898

*Cerotalis substriata* Castelnau  
Bridgetown, Mt Barker  
Sloane 1898

*Clivina augustipes* Putzeys  
Donnybrook  
Sloane, 1896a, 1898

*Clivina coronata* Putzeys  
Mt Barker  
Sloane 1898

*Conopterum bifurcum* (Sloane)  
Mundaring  
Sloane 1916

*Coptocarpus australis* (Dejean)  
Mt Barker  
Sloane 1898, 1910, Moore *et al.* 1987

- Coptocarpus gibbus* Chaudoir  
Mt Barker  
Sloane 1898, 1910
- Coptocarpus thoracicus* (Castelnau)  
14 ml S Manjimup  
Sloane 1915
- Demetrida constricticeps* (Sloane)  
Bridgetown  
Sloane 1898, Moore *et al.* 1987
- Dicrochile goryi* (Boisduval)  
Mt Barker  
Sloane 1898
- Euthenarus comes* (Sloane)  
'Darling Ranges', Donnybrook  
Moore *et al.* 1987, Britton and Stanbury 1981, Sloane 1898
- Gnathaphanus melbournensis* (Castelnau)  
Mt Barker  
Sloane 1989, Moore *et al.* 1987
- Gnathoxys insignitus* Macleay  
Mt Barker  
Sloane 1898
- Harpalus fulvicornis* (Thunberg)  
Manjimup  
Moore 1977
- Homethes sericeus* (Erichson)  
Donnybrook, Mt Barker  
Sloane 1898, Britton and Stanbury 1981, Moore *et al.* 1987
- Hormacrus latus* Sloane  
Mt Barker  
Sloane 1898
- Hypharpax aereus* (Dejean)  
Darling Ranges  
Sloane 1898
- Hypharpax kingii* (Castelnau)  
Mt Barker  
Sloane 1898, Moore *et al.* 1987
- Hypharpax ranula* (Castelnau)  
Donnybrook  
Sloane 1898
- Hypharpax sculpturalis* (Castelnau)  
'Darling Ranges', Mt Barker  
Sloane 1898
- Lecanomerus verticalis* (Erichson)  
'Darling Ranges', Donnybrook, Mt Barker  
Sloane 1898, Moore *et al.* 1987
- Mecyclothorax ambiguus* (Erichson)  
Donnybrook  
Sloane 1898, Moore *et al.* 1982
- Mecyclothorax ovalis* Sloane  
Manjimup  
Sloane 1915
- Mecyclothorax punctatus* (Sloane)  
Map  
Moore 1984
- Microferonia adelaidae* Blackburn  
Bridgetown  
Sloane 1898
- Microferonia cinctipennis* Sloane  
Bridgetown  
Sloane 1898
- Neonomius australis* (Sloane)  
14 ml S Manjimup  
Sloane 1915, Moore *et al.* 1987
- Notiobia inaequalipennis* (Castelnau)  
'Darling Ranges', Mt Barker  
Sloane 1898, Moore *et al.* 1987
- Notonomus mediosulcatus* (Chaudoir)  
Donnybrook, Bridgetown  
Sloane 1898, 1902
- Pentagonica vittipennis* Chaudoir  
Bridgetown  
Sloane 1898
- Pericompsus australis* (Schaum)  
'Darling Ranges'  
Sloane 1896b, 1898, Moore *et al.* 1987
- Pericompsus habitans* (Sloane)  
'Darling Ranges', Bridgetown  
Sloane 1896b, 1898, Moore *et al.* 1987
- Philophloeus ornatus* Blackburn  
Mt Barker  
Sloane 1898, Britton and Stanbury 1981, Moore *et al.* 1987
- Platycoelus prolixus* (Erichson)  
Mt Barker  
Sloane 1898, Moore *et al.* 1987
- Platylytron amplipenne* Macleay  
Mt Barker  
Sloane 1898
- Promecoderus albaniensis* Castelnau  
Donnybrook, Bridgetown  
Sloane 1898
- Promecoderus intermedius* Sloane  
Mt Barker  
Sloane 1898
- Pseudoceneus sollicitus* (Erichson)  
Bridgetown  
Sloane 1898, Moore *et al.* 1987
- Sarothrocrepis benefica* (Newman)  
Mt Barker  
Sloane 1898, Moore *et al.* 1987
- Sarticus elegantulus* (Castelnau)  
Bridgetown, Mt Barker  
Sloane 1898, Moore *et al.* 1987

*Sarticus iriditinctus* (Chaudoir)  
'Darling Ranges'  
Sloane 1898

*Scaraphites silenus* (Westwood)  
Donnybrook  
Sloane 1898

*Scopodes boops* Erichson  
Bridgetown  
Sloane 1898

*Simodontus australis* (Dejean)  
Bridgetown  
Sloane 1898

*Simodontus occultus* Sloane  
Bridgetown  
Sloane 1898

*Simodontus sexfoveatus* Chaudoir  
Donnybrook, Bridgetown  
Sloane 1898

*Stenolophus piceus* (Guérin-Méneville)  
'Darling Ranges' Donnybrook, Mt Barker  
Sloane 1898, Moore *et al.* 1987

*Tachys ectromioides* Sloane  
Donnybrook  
Sloane 1896b, 1921, Britton and Stanbury 1981

*Tachys lindi* Blackburn  
'Darling Ranges'  
Sloane 1898

*Techimorphus westraliensis* Moore  
Margaret R  
Moore 1972

*Trechobembix baldiensis* (Blackburn)  
Darlington, Pemberton  
Moore 1972

*Trigonothops occidentalis* Blackburn  
Mt Barker  
Sloane 1898

*Trigonothops pescotti* (Oke)  
Pimelia  
Oke 1951, Moore *et al.* 1987

#### HALIPILIDAE

*Halipilus gibbus* Clark  
Map  
Watts 1988a

#### DYTISCIDAE

*Allomatus nannup* Watts  
Bridgetown, Balingup Road (Blackwood R-Nannup)  
Watts 1978

*Antiporus femoralis* (Boheman)  
No localities given  
Watts 1978, Bunn *et al.* 1986

*Antiporus gilberti* (Clark)  
No localities given  
Watts 1978

*Copelatus ater* Sharp  
Pemberton  
Watts 1978

*Copelatus ferrugineus* Sharp  
No localities given  
Watts 1978

*Eretes australis* (Erichson)  
No localities given  
Watts 1978

*Homoeodytes scutellaris* (Germar)  
No localities given  
Watts 1978

*Lancetes lanceolatus* (Clark)  
No localities given  
Watts 1978

*Liodessus dispar* (Sharp)  
Mundaring, Bridgetown  
Watts 1978

*Liodessus inornatus* (Sharp)  
Bridgetown  
Watts 1978

*Liodessus shuckhardi* (Clark)  
No localities given  
Régimbart 1908, Watts 1978

*Megaporus hamatus* (Clark)  
Donnybrook  
Lea 1898b, Watts 1978

*Megaporus solidus* (Sharp)  
No localities given  
Watts 1978

*Necterosoma darwini* (Babington)  
Bridgetown  
Watts 1978, Bunn *et al.* 1986

*Necterosoma penicillatus* (Clark)  
No localities given  
Watts 1978

*Paroster niger* Watts  
40 ml peg Albany Highway  
Watts 1978

*Platynectes aenescens* Sharp  
Bridgetown, Pemberton  
Lea 1898b, Watts 1978, Bunn *et al.* 1986

*Platynectes decempunctatus* (Fabricius)  
Donnybrook  
Lea 1895, Watts 1978

*Rhantus simulans* Régimbart  
No localities given  
Watts 1978

*Rhantus suturalis* (W S Macleay)  
No localities given  
Watts 1978

*Sternopriscus browni* Sharp  
Donnybrook  
Lea 1898b, Watts 1978, Bunn *et al.* 1986

*Sternopriscus marginatus* Watts  
Bridgetown, Pemberton, Margaret R  
Watts 1978

*Sternopriscus minimus* Lea  
Donnybrook  
Lea 1898b, Watts 1978

#### GRYRINIDAE

*Aulonogyrus strigosus* (Fabricius)  
Bridgetown  
Ochs 1949

*Macrogyrus angustatus* Régimbart  
Darlington, Mundaring Weir, Jarrahdale, Serpentine R,  
Bridgetown, Pemberton  
Regimbart 1908, Ochs 1949

#### HYDROPHILIDAE

*Berosus approximans* Fairmaire  
Map  
Watts 1987

*Berosus australiae* Mulsant  
Map  
Watts 1987

*Berosus discolor* Blackburn  
Map  
Watts 1987

*Berosus majusculus* Blackburn  
Map  
Watts 1987

*Chledocyon intermedius* Hansen  
35 km WSW Manjimup, Margaret R (Mammoth Cave  
Reservoir)  
Hansen 1990

*Chledocyon marmoratus* Hansen  
Pemberton, 40 km ESE Manjimup, Canebrake Rd, Nannup  
(Sues Bridge), Yallingup NP, Leeuwin NP (Augusta)  
Hansen 1990

*Chledocyon semiopacus* Hansen  
54 km SE Manjimup, 40 km ESE Manjimup, Quininup,  
Pemberton, (Brockman NP, Cascades, Warren NP), Sues  
Bridge (50 km SW Nannup), 34 km SE Northcliffe,  
Walpole NP (Collier Road, Valley of Giants, Hilltop Road,  
Shedley Drive, Zigzag Road), Leeuwin NP (Augusta),  
Porongurup NP (Bolganup Ck)  
Hansen 1990

*Chledocyon venustus* Hansen  
Pemberton (Warren NP), Walpole NP (Tingle Tree Rd,  
Zigzag Rd, Collier Rd).  
Hansen 1990

*Hydrobius hartmeyeri* Régimbart  
Gooseberry Hill  
Régimbart 1908

*Hydrophilus albipes* Castelnau  
'Darling Ranges', Wilga  
Watts 1988b

*Hydrophilus latipalpus* Castelnau  
Wilga  
Watts 1988b

*Paracymus nitidiusculus* Broun  
Gooseberry Hill  
Régimbart 1908

#### HISTERIDAE

*Acritus australasiae* Gomy  
Serpentine Dam, Donnybrook  
Gomy 1984

*Acritus blighi* Gomy  
Warren NP  
Gomy 1984

*Acritus occidentalis* Lea  
Donnybrook, Bridgetown  
Lea 1924b, Gomy 1984

*Acritus tropicus* Lea  
Karridale  
Gomy 1984

*Bacanius suturalis* (Lea)  
Bridgetown  
Lea 1924b, Gomy 1984

*Chlamydopsis mormolyce* Lea  
Mundaring  
Lea 1924b

*Platysoma strangulatum* Mars.  
Karridale  
Lea 1924b

#### PTILIIDAE

*Ptilium brevipenne* Deane  
'Darling Ranges'  
Deane 1932

#### LEIODIDAE

*Austronargus semota* (Szymczakowski)  
Warren R  
Zwick 1979

*Myrmecholeva lata* Lea  
Bridgetown  
Lea 1910c

*Myrmecholeva punctata* Lea  
Karridale  
Lea 1910c

SCYDMAENIDAE

*Phagonophana latipennis* Lea  
Bridgetown  
Lea 1910c, Britton and Stanbury 1981

*Scydmaenus optatus* Sharp  
Donnybrook  
Lea 1910c

STAPHYLINIDAE

*Aleochara insignis* Blackburn  
Bridgetown  
Lea 1904b

*Astenus australicus* Bernhauer  
Wooroloo  
Bernhauer 1908

*Calodera alternans* Lea  
Bridgetown  
Lea 1909e

*Calodera marginicollis* Lea  
Bridgetown  
Lea 1909e

*Conosoma barycephalum* Lea  
Bridgetown  
Lea 1909e

*Conosoma limnorioides* Lea  
Bridgetown  
Lea 1898b

*Conosoma nonum* Lea  
Donnybrook, Mt Barker  
Lea 1898b, 1909e

*Conosoma orthodoxum* Lea  
Karridale  
Lea 1909e

*Conosoma triangulum* Fvl.  
Mt Barker  
Lea 1898b

*Coptotermoecia flava* Kistner & Pasteels  
Kalamunda  
Kistner and Pasteels 1970

*Coptotermoecia robusta* Kistner & Pasteels  
Kalamunda  
Kistner and Pasteels 1970

*Dicax ventralis* Lea  
Donnybrook  
Lea 1904b

*Hetairotermes occidentalis* Kistner  
Kalamunda  
Kistner 1970

*Hetairotermes punctiventris* (Lea)  
Bridgetown  
Lea 1910c, Kistner 1970

*Heterothops pictus* Lea  
Donnybrook  
Lea 1925a

*Homalium xanthorrhoeae* Lea  
'Darling Ranges'  
Lea 1906a

*Homalota australasiae* Lea  
Bridgetown, Karridale  
Lea 1910c

*Hyperomma nigrum* Lea  
Bridgetown  
Lea 1906a

*Ischnoderus australicus* Cameron  
Mundaring  
Cameron 1943

*Ischnopoda gentilis* (Fauv.)  
Serpentine  
Bernhauer 1908

*Lathrobium michaelsoni* Bernhauer  
Gooseberry Hill  
Bernhauer 1908

*Leptacinus bisulciceps* Lea  
Bridgetown  
Lea 1925a

*Oedichirus andersoni* Blackburn  
Pimelia  
Oke 1951

*Oxytelus apicalis* Fvl.  
Mt Barker  
Lea 1906a

*Oxytelus cribriceps* Fauv.  
Serpentine, Donnybrook, Torbay  
Bernhauer 1908

*Paederus meyricki* Blackburn  
Wooroloo, Mundaring Weir, Gooseberry Hill, Collie,  
Walpole  
Bernhauer 1908, Oke 1951, Weir, pers. comm.

*Pseudophloecharis occidentalis* Steel  
'Darling Ranges'  
Steel 1950

*Quedius diversipennis* Fauv.  
Wooroloo, Mt Helena, Donnybrook  
Bernhauer 1908

*Scaphisoma instabile* Lea  
Bridgetown, Mt Barker  
Lea 1926a

*Scopaeus moerens* Lea  
'Darling Ranges'  
Lea 1923a

*Scopaeus ooderes* Lea  
Donnybrook  
Lea 1923a



*Scymbalium micropterum* Lea  
Mt Barker  
Lea 1923a

*Stenus bifenestratus* L. Benick  
Darlington, Bridgetown, Dingup  
Puthz 1970

*Stenus guttulifer* Waterhouse  
Darlington, Mundaring, Donnybrook, Bridgetown,  
Pemberton  
Lea 1898b, Puthz 1970, 1972

*Suniopsis politus* Lea  
Donnybrook  
Lea 1904b

*Tachyporus rarus* Lea  
'Darling Ranges'  
Lea 1898b

#### PSELAPHIDAE

*Articerus cultripes* Raffray  
Bridgetown  
Raffray 1900

*Ctenisopus impressus* Sharp  
'Darling Ranges'  
Lea 1910c

*Eupines flavoapicalis* Lea  
Donnybrook, Bridgetown  
Lea 1910c

*Euplectops discopallidus* Lea  
Karridale  
Lea 1910d

*Narcodes termitophilus* Wilson  
Mundaring  
Wilson 1926

*Palimbolus dimidiatus* (Raffray)  
Bridgetown  
Raffray 1900, Lea 1910d

*Plectostenus gracilicornis* Lea  
Bridgetown  
Lea 1910c

*Pselaphus pilosus* Raffray  
Bridgetown  
Raffray 1900

*Pselaphus tuberculifrons* Raffray  
Bridgetown  
Raffray 1900, Lea 1910c

*Tmesiphorus formicicola* Wilson  
Mundaring  
Wilson 1926

*Tmesiphorus ponerae* Lea  
Donnybrook, Bridgetown  
Lea 1910c

#### CLAMBIDAE

*Clambus simsoni* Blackburn  
Walpole (Collier Rd), Nornalup  
Endrödy-Younga 1990

#### TROGIDAE

*Trox alternans* Macleay  
Bakers Hill, Serpentine Falls, Tallanalla, Wilga, 12 ml W  
Kojonup, Moodiarrup, Warren R, 10 km S Nannup, Mt  
Barker, Porongurup NP (Bolganup Dam)  
Scholtz 1986

*Trox australasiae* Erichson  
Bakers Hill, Tallanalla, Wilga  
Scholtz 1986

*Trox costatus* Wiedemann  
John Forrest NP, Warren R (6 ml SE Pemberton), 2 ml NW  
Margaret R  
Scholtz 1986

*Trox dohrni* Harold  
Mt Barker  
Scholtz 1986

*Trox euclensis* Blackburn  
Kojonup  
Scholtz 1986

*Trox perhispidus* Blackburn  
John Forrest NP, Kojonup  
Scholtz 1986

*Trox suberosus* Fabricius  
John Forrest NP, Boyup Brook  
Scholtz 1986

#### GEOTRUPIDAE

*Blackbolbus frontalis* (Guérin)  
Moodiarrup, Wilga  
Howden 1985

*Blackbolbus quadricornis* (Klug)  
Kalamunda  
Howden 1985

*Blackbolbus taurus* (Westwood)  
12 km N Wilga, Wilga, Walpole, Karridale  
Howden 1985

*Blackburnium reichei* (Guérin)  
Bakers Hill, Bickley, Sawyers Valley, Wilga  
Howden 1979

*Bolborhacium bainbridgei* (Westwood)  
Wilga, Bridgetown, Manjimup, Warren R, Karridale, 3-5  
km NW Karridale, Deepdene, 4 km S Balgarup  
Lea 1916, Howden 1985, WADA

*Bolborhacium coronatum* (Klug)  
Moodiarrup, 12 km N Wilga, Wilga  
Howden 1985

*Bolborhacium hollowayi* Howden  
12 km N Wilga, 14 km E Pemberton, 30 km W Pemberton,  
Northcliffe, 3km W Walpole, 45 km E Walpole, Cuthbert  
Karridale, 4 km S Balgarup  
Howden 1985

*Bolborhacium nanum* Howden  
28 ml E Perth, 44 km E Perth  
Howden 1985

*Bolborhacium recticorne* (Guérin)  
Julimar, Bakers Hill, Kalamunda, Mundaring, Dwellingup,  
Mayanup, Bridgetown, Gardner R, Kojonup  
Howden 1985, WADA

*Bolborhacium trituberculatum* (Bainbridge)  
Julimar, Kalamunda, 6 ml E Kalamunda, Mundaring,  
Gleneagle, Whittaker's Mill, Kojonup  
Howden 1985, WADA

*Bolborhacium triumum* (Lea)  
Donnybrook, Mayanup, Moodiarrup, Wilga, 12 km N  
Wilga, Manjimup, 30 ml SW Nannup, 56 km E Augusta  
Howden 1985, WADA

*Stenaspidium nigricornis* Westwood  
Mundaring, Bedforddale, Pemberton, Warren R, Deepdene  
Howden 1974, WADA

## SCARABAEIDAE

### APHODIINAE

*Aphodius bicrenulatus* Lea  
Mt Barker  
Lea 1924e

*Aphodius frenchi* Blackburn  
Narrakup  
Ridsdill-Smith and Hall 1984, Weir, pers. comm.

*Aphodius granarius* L.  
Pimelia  
Oke 1951

\* *Aphodius pseudolividus*  
Balthazar  
Map Narrakup  
Ridsdill-Smith and Hall 1984, Ridsdill-Smith *et al.* 1989

*Atanenius duplopunctatus* Lea  
Parkerville  
Lea 1924e

### SCARABAEINAE

\* *Euoniticellus fulvus* (Goeze)  
Map  
Ridsdill-Smith *et al.* 1989

\* *Euoniticellus intermedius* (Reiche)  
Map  
Ridsdill-Smith *et al.* 1989

\* *Euoniticellus pallipes* (Fabricius)  
Map  
Ridsdill-Smith *et al.* 1989

*Labroma horrens* Sharp  
Mt Barker, Porongurups  
Matthews 1974

*Labroma umbratilis* Matthews  
Stirling Dam (West of Tallanalla), Walpole  
Matthews 1974

*Lepanus occidentalis* Matthews  
Hilltop Road (Walpole), 14.5 km E Walpole  
Matthews 1974

\* *Onitis alexis* Klug  
Map  
Ridsdill-Smith *et al.* 1989

\* *Onitis aygulus* Fabricius  
Map  
Ridsdill-Smith *et al.* 1989

\* *Onthophagus binodis* Thunberg  
Map  
Ridsdill-Smith *et al.* 1989

*Onthophagus duboulayi* Waterhouse  
Mt Barker  
Lea 1923b, Matthews 1972

*Onthophagus evanidus* Frey  
4 ml E Jarrahdale, Whittaker's Mill (Dwellingup),  
Donnybrook, Tallanalla, 30 ml SW Nannup, Pemberton, 12  
ml N Walpole, Porongurups  
Blackburn 1903, Matthews 1972

*Onthophagus ferox* Harold  
Map  
Julimar, Spencers Brook, Mundaring, Sawyers Valley,  
Chidlow, Westdale, 4 ml E Jarrahdale, Dwellingup,  
Lowden, Donnybrook, Manjimup, Pemberton, Warren R,  
Northcliffe, Deepdene, Broke Inlet, Denmark, Mt Barker,  
Narrakup  
Matthews 1972, Ridsdill-Smith and Hall 1984, Ridsdill-  
Smith *et al.* 1989, CALM, WADA

*Onthophagus haagi* Harold  
Map  
3 ml W Mundaring Weir, Bedforddale, 4 ml E Jarrahdale,  
Tallanalla, Bridgetown, 30 ml SW Nannup, 4 ml S  
Northcliffe, 14 ml N Denmark, Deepdene, Mt Barker,  
Narrakup  
Matthews 1972, Ridsdill-Smith and Hall 1984, Ridsdill-  
Smith *et al.* 1989

*Onthophagus rupricapra* Waterhouse  
Augusta, Mt Barker  
Lea 1924c, Matthews 1972

\* *Onthophagus taurus* (Schreber)  
Map  
Ridsdill-Smith *et al.* 1989

*Onthophagus vermiculatus* Frey

Map

4 ml E Jarrahdale, Whittaker's Mill (Dwellingup),  
Bridgetown, Donnybrook, Pemberton, Warren NP, 6 ml W,  
9 ml E, 12 ml NW Walpole, Arumvale (Augusta),  
Porongurups, Narrikup

Matthews 1972, Ridsdill-Smith and Hall 1984, Ridsdill-  
Smith *et al.* 1989

*Proctophanes sculptus* Hope

Narrikup

Ridsdill-Smith and Hall 1984

*Saprosites mansuetus* Blackburn

Donnybrook

Blackburn 1904

*Sauvagesinella becki* (Paulian)

Tallanalla, 48 km SW Nannup, 6.4 km S Northcliffe, Mt  
Chudalup, 14.5 km and 19 km N Walpole

Matthews 1974

#### MELOLONTHINAE

*Ateromonocheila longipes* Blackburn

Pimelia

Oke 1951

*Automolus immitis* (Blackburn)

Pemberton

Britton 1957

*Biphyllocera kirbyana* White

Wilga, Manjimup

Majer and Koch 1982, Britton 1990

*Byrrhomorpha ponderosa* Blackburn

Dwellingup, Manjimup, Warren R

Lea 1919a, Majer and Koch 1982, Britton 1987

*Colpochila amabilis* (Blackburn)

Bridgetown, Mt Barker

Britton 1986, WADA

*Colpochila antennalis* (Blackburn)

Kojonup

Britton 1986

*Colpochila efficax* Britton

11 km WSW Busselton, 10 km S Margaret R, 3 km W  
Augusta

Britton 1986

*Colpochila nitida* Britton

Wilga

Britton 1986

*Colpochila nobilis* (Blackburn)

Big Brook, Margaret R, Deepdene, Arumvale (Augusta), 3  
km W Augusta

Britton 1986

*Colpochila pagana* Britton

Kojonup

Britton 1986

*Colpochilodes peregrina* Britton

Bakers Hill, Marradong, Kulikup, Mayanup, Wilga,  
Bridgetown, Pemberton, Kojonup, Mt Barker, Frankland,  
Walpole

Britton 1987, WADA

*Colpochilodes raucipennis* Blackburn

Wilga, Manjimup (Pine Creek), Walpole-Nornalup NP

Britton 1987, WADA

*Colymbomorpha lineata* Blanchard

Kalamunda, Roleystone, Serpentine, Collie, Bridgetown,  
Pemberton, Margaret R, Forest Grove

Britton 1957

*Diphucephala edwardsi* Waterhouse

Bridgetown, Yanmah

CALM, WADA

*Enamillus rectus* Allsopp

Deepdene (Karridale)

Allsopp 1989

*Glossocheilifer labialis* Blackburn

Mt Barker

Blackburn 1898, Britton 1990

*Haploopsis ablata* Britton

Donnybrook

Britton 1957

*Haploopsis darlingtoni* Britton

'Darling Ranges'

Britton 1957

*Haploopsis grisea* (Burmeister)

'Darling Ranges'

Britton 1957

*Haploopsis longipes* (Blackburn)

Chidlow

Britton 1957

*Haploopsis polita* Britton

Warren R

Britton 1957

*Haploopsis punctulata* (Blackburn)

Chidlow

Britton 1957

*Haploopsis rutila* Britton

Chidlow

Britton 1957, Koch 1980

*Heteronyx agrestus* Burmeister

Manjimup

WADA

*Heteronyx amoenus* Blackburn

Mt Barker

Blackburn 1910

*Heteronyx costulatus* Blackburn

Mt Barker

Blackburn 1910

*Heteronyx disjunctus* Blackburn  
Wilga  
ANIC

*Heteronyx imitator* Blackburn  
Mt Barker  
Blackburn 1909

*Heteronyx nudus* Blackburn  
Bridgetown  
Blackburn 1910

*Heteronyx nigricans* Burmeister  
Walpole (6 ml W Tinglewood Lodge)  
ANIC

*Heteronyx obesus* Burmeister  
Bakers Hill, Glen Lossie (Kojonup)  
ANIC

*Liparetrus cinctipennis* Blackburn  
Wilga  
Britton 1980

*Liparetrus collessi* Britton  
Kalamunda, Jarrahdale, Bridgetown, Warren R, 12 km W  
Denmark, Porongurup NP  
Britton 1980

*Liparetrus gravidus* Blackburn  
Karridale (Deepdene), Big Brook  
Britton 1980

*Liparetrus jenkinsi* Britton  
Hovea, Chidlow, Jarrahdale, Collie, Donnybrook,  
Greenbushes, Manjimup, Nornalup, Denmark, Deepdene,  
Mt Barker  
Britton 1980, ANIC, WADA

*Liparetrus laetus* Blackburn  
Mundaring, Canning Dam, Collie  
Britton 1980, ANIC

*Liparetrus luridipennis* Macleay  
Wilga  
Britton 1980, ANIC

*Liparetrus mulurus* Britton  
Mt Barker, Porongurup NP  
Britton 1980

*Liparetrus picipennis* Germar  
Mt Barker  
Britton 1980

*Liparetrus tristis* Blanchard  
Mundaring, Serpentine Falls  
Britton 1980

*Liparetrus validus* Britton  
Wooroloo  
Britton 1980

*Maechidius major* Blackburn  
Dwellingup, Bridgetown, Pimelia, Pemberton, Karridale,  
Margaret R, Denmark, Porongurups  
Oke 1951, Britton 1957, WADA

*Neophyllotocus legnotus* Britton  
John Forrest NP, Margaret R, Northcliffe,  
Britton 1957

*Neophyllotocus rostratus* (Macleay)  
8miles NW N Bannister  
Britton 1957

*Pachytricha tecta* Sharp  
Glen Forrest  
Allsopp 1990

*Phyllococcus purpurascens* Waterhouse  
Karridale  
Britton 1957

*Phyllotocus ustulatus* Blanchard  
Jarrahdale, Noggerup, Manjimup, Warren R  
Britton 1957

*Prochelyna heterodoxa* Burmeister  
Mundaring, Manjimup  
Allsopp 1989

*Scitala volux* Britton  
Wilga  
Britton 1987

*Sericesthis fovea* Britton  
Wilga, 11 km S Margaret R, Deepdene  
Britton 1987

*Sericesthis rufescens* Britton  
Drakesbrook, Boyup Brook  
Britton 1987

*Sphaeroscelis pectoralis* Burmeister  
Mundaring, Margaret R  
Britton 1957

*Synchilus gisleni* Britton  
Warren R (9 km SE Pemberton), 11 km S Margaret R,  
Deepdene, 5 ml W Augusta  
Britton 1987

#### RUTELINAE

*Anoplostethus opalinus* Brullé  
Jarrahdale, Dwellingup, Worsley, Karridale  
Carne 1958

*Epichrysus lamprimoides* White  
Nornalup  
Carne 1958

#### DYNASTINAE

*Cryptodus costulipennis* Fairmaire  
Parkerville, Manjimup (Pine Creek), Pemberton, Walpole,  
Deepdene  
Carne 1957, WADA

*Cryptodus goerlingi* Carne  
Darlington, Lesmurdie, Manjimup, Mt Barker  
Carne 1957, WADA

*Cryptodus passaloides* Germar  
Lake Muir  
Carne 1957

*Cryptodus variolosus* White  
Mt Barker, Walpole  
Carne 1957

*Heteronychus arator* Fabricius  
Walliston, Araluen, Marradong, Manjimup, Walpole,  
Kronkup, Youngs Siding  
Carne 1957, CSIRO 1970, Abbott 1985, WADA

*Novapus crassus* Sharp  
Darlington, Kalamunda, Mundaring, Bridgetown, Mt  
Barker  
Carne 1957, Carne and Allsopp 1987

*Semanopterus angustatus* Blackburn  
Darlington, Mundaring, Dwellingup, Mt Barker, Warren  
Carne 1957, WADA

*Semanopterus leai* Blackburn  
Mundaring, Dwellingup, Bridgetown, Donnybrook,  
Manjimup, Mt Barker  
Carne 1957, Majer and Koch 1982, WADA

*Trissodon curtus* (Burmeister)  
Mundaring, Bridgetown  
Carne 1957

*Trissodon glaber* Arrow  
Mundaring  
Carne 1957

*Trissodon laticollis* (Burmeister)  
Drakesbrook  
Carne 1957

*Trissodon subopacus* Arrow  
N Bannister  
Carne 1957

#### CETONIINAE

*Micropoecila breweri* (Janson)  
Gleneagle, Bannister, E Manjimup, Deepdene  
CALM, WADA

*Trichaulax philipsii* (Schreibers)  
Parkerville, Denmark, Kojonup  
Hiller 1990, WADA

#### BUPRESTIDAE

##### AGRILINAE

*Cisseis maculata* (Gory & Laporte)  
Parkerville, John Forrest NP  
WAM

*Cisseis subcareniifrons* Thomson  
John Forrest NP  
WAM

*Cisseis tyrrhena* Carter  
Kalamunda  
Carter 1923

*Paracephala hesperia* Bellamy  
Blackwood R  
Bellamy 1988

#### BUPRESTINAE

*Castiarina amabilis* (Gory & Laporte)  
Darlington, Glen Forrest, Roleystone, Wellington Mills,  
Brookhampton, Porongurups  
WAM

*Castiarina anchoralis* (Gory & Laporte)  
Noble Falls, Mundaring Weir, Jarrahdale  
WAM

*Castiarina aquila* (Barker)  
'Darling Ranges', Gleneagle  
Barker 1980, WADA

*Castiarina castelnaudi* (Saunders)  
Kojonup  
WAM

*Castiarina cincta* (Blackburn)  
Kalamunda  
WAM

*Castiarina crocicolor* (Gory & Laporte)  
Darlington, Greenmount  
WAM

*Castiarina cyanipes* (Saunders)  
Kojonup  
WAM

*Castiarina decemguttata* (Gory)  
Julimar, 15 ml NW Wundowie, Kalamunda, 5 km NE and  
5 km N Kalamunda, Boulder Rock (Brookton Highway),  
Deepdene  
WAM, WADA

*Castiarina discolorata* (Barker)  
Warren R (10 km S Pemberton)  
Barker 1986

*Castiarina flavopicta* (Boisduval)  
Deepdene  
WAM

*Castiarina occidentalis* (Barker)  
Kalamunda, Jarrahdale  
Barker 1979

*Castiarina parallela* (White)  
Kalamunda, Canning Dam  
WAM

*Castiarina picta* (Gory & Laporte)  
Gidgigannup, John Forrest NP, Kalamunda, Greenmount,  
Bickley  
WAM

*Castiarina robusta* (Saunders)  
Glen Forrest, Kojonup  
WAM

*Castiarina rufipennis* (Kirby)  
Parkerville, Jarrahdale, Nanga Brook, Deepdene  
WAM

*Castiarina sanguinolenta* (Gory & Laporte)  
Noble Falls, Gleneagle, N Bannister  
WAM, WADA

*Castiarina simulata* (Gory & Laporte)  
Mundaring Weir, Gleneagle, Serpentine R (Albany Highway)  
WAM, WADA

*Castiarina subtestacea* (Barker)  
Kojonup  
Barker 1983

*Castiarina subtrifasciata* (Gory & Laporte)  
Mundaring Weir  
WAM

*Castiarina vittata* (Saunders)  
Darlington, Glen Forrest, Greenmount, Kalamunda  
WAM

*Melobasis cuprifera* Gory & Laporte  
Chidlow, Normalup  
WAM, WADA

*Melobasis propinqua* Gory & Laporte  
Mundaring  
Carter 1921

*Melobasis uniformis* Carter  
Kojonup  
WAM

*Melobasis wannerua* Carter  
Deepdene  
WAM

*Stigmodera gratiosa* Chevrolat  
John Forrest NP, Kalamunda, Lesmurdie, Bickley, Darlington, Boya, Gleneagle  
McMillan 1952, Douglas 1953, WAM, WADA

*Temognatha flavocincta* (Gory & Laporte)  
Glen Forrest, Kojonup  
WAM

*Temognatha lessoni* (Gory)  
Mundaring, Carinyah, Dinninup  
WAM, WADA

*Temognatha secularis* (Thomson)  
Glen Forrest, Parkerville, Gleneagle, N Bannister  
WAM, WADA

*Temognatha westwoodi* (Saunders)  
Hovea  
WAM

#### CHALCOPHORINAE

*Castiarina discolorata* (Barker)  
Warren R (10 km S Pemberton)  
Barker 1986

*Castiarina flavopicta* (Boisduval)  
Deepdene  
WAM

*Castiarina occidentalis* (Barker)  
Kalamunda, Jarrahdale  
Barker 1979

*Castiarina parallela* (White)  
Kalamunda, Canning Dam  
WAM

*Castiarina picta* (Gory & Laporte)  
Gidgiegannup, John Forrest NP, Kalamunda, Greenmount, Bickley  
WAM

*Castiarina robusta* (Saunders)  
Glen Forrest, Kojonup  
WAM

*Castiarina rufipennis* (Kirby)  
Parkerville, Jarrahdale, Nanga Brook, Deepdene  
WAM

*Castiarina sanguinolenta* (Gory & Laporte)  
Noble Falls, Gleneagle, N Bannister  
WAM, WADA

*Castiarina simulata* (Gory & Laporte)  
Mundaring Weir, Gleneagle, Serpentine R (Albany Highway)  
WAM, WADA

*Castiarina subtestacea* (Barker)  
Kojonup  
Barker 1983

*Castiarina subtrifasciata* (Gory & Laporte)  
Mundaring Weir  
WAM

*Cyria vittigera* (Laporte & Gory)  
Wilga  
Carnaby 1987

*Diadoxus erythrurus* (White)  
Lesmurdie, Manjimup  
Abbott 1985

*Diadoxus regius* Peterson  
Boscabel  
WAM, Peterson 1991

#### CHRYSOBOTHIRINAE

*Merimna atrata* (Gory & Laporte)  
Darlington, Chidlow, Jarrahdale  
WAM

#### POLYCESTINAE

*Astraeus flavopictus* LaPorte & Gory  
Porongurups  
Barker 1975

*Astraeus fraterculus* Van de Poll  
Wilga  
Carnaby 1987

*Astraeus irregularis* Van de Poll  
3 km E Gosnells  
Barker 1975

*Astraeus macmillani* Barker  
6 km E N Bannister  
Barker 1975

*Astraeus oberthuri* van de Poll  
7-13 km E N Bannister,  
135 km along Albany Highway (from Perth)  
Barker 1975

EUCNEMIDAE

*Fornax niger* Lea  
Mt Barker  
Lea 1919b

ELATERIDAE

*Anilicus loricatus* Candèze  
Darlington, Glen Forrest, Mundaring, Mt Barker  
Gullan 1977

*Anilicus xanthomus* (W.S. Macleay)  
Map  
Gullan 1977

*Crepidomenus dysmikos* Calder  
Churchman Brook, Bridgetown, Karridale, 14 ml NE  
Augusta  
Calder 1986

*Crepidomenus occidualis* Calder  
Manjimup (Pine Creek Rd), Pemberton, Deepdene,  
Margaret R  
Calder 1986

*Lacon caliginosus* Guer.  
Pimelia, Pemberton  
Oke 1951

*Lingana dombarta* Neboiss  
Warren R  
Neboiss 1960

*Orodina burrelli* Calder  
Churchman Brook  
Calder 1986

*Paracardiophorus occidentalis* Carter  
Warren R  
Carter 1939

*Pseudaecolus australis* Cand.  
Mundaring  
Elston 1931

LYCIDAE

*Calochromus basalis* Waterhouse  
'Darling Ranges', Mt Barker  
Lea 1898b, 1909a

*Metriorrhynchus constricticollis* Lea  
Mt Barker  
Lea 1909a

*Metriorrhynchus togatus* Wat.  
Mt Barker  
Lea 1909a

CANTHARIDAE

*Heteromastix flavipennis* Lea  
Karridale  
Lea 1909a

*Heteromastix pusillus* Boh.  
Bridgetown, Karridale  
Lea 1909a

DERMESTIDAE

*Orphinus occidentalis* Armstrong  
'Darling Ranges'  
Armstrong 1943

*Dorcatoma irrasa* Lea  
Donnybrook  
Lea 1924a

*Dryophilodes interstitialis* Lea  
Mt Barker  
Lea 1924a

*Dryophilodes latipennis* Lea  
'Darling Ranges', Bridgetown  
Lea 1924a

\* *Ernobius mollis* Linnaeus  
Tallanalla  
CALM

*Hadrobregmus australiansis* Pic  
Deepdene  
ANIC

*Secretipes xanthorrhoeae* Lea  
Donnybrook  
Lea 1924a

BOSTRICHIDAE

*Bostrychopsis jesuita* (Fabricius)  
Mundaring  
Abbott 1985

*Xylopsocus rubidus* Lesne  
Dwellingup, Margaret R, Denmark, 21 ml W Kojonup, Mt  
Barker  
Abbott 1985, ANIC

LYCTIDAE

\* *Lyctus brunneus* (Stephens)  
Wilga  
Abbott 1985, ANIC

ANOBIIDAE

*Methemus granipennis* Lea  
Donnybrook  
Lea 1924a, Weir, pers. comm.

LYMEXYLIDAE

*Atractocerus crassicornis* Clark  
Kalamunda, Nannup, Pemberton, Walpole  
Abbott 1985

*Atractocerus kreuslerae* Pascoe  
Mundaring, Jarrahdale, Dwellingup, Collie, Yornup,  
Manjimup, Perup, Pemberton, Nannup, Wheatley,  
Margaret R  
Clark 1925a, Jenkins and Curry 1971, Curry 1972, Abbott  
1985

TROGOSSITIDAE

*Ancyrona lewisi* Reitt.  
Pemberton  
Oke 1951

*Leperina lacera* Pascoe  
Julimar, Mundaring  
Abbott 1985

CLERIDAE

*Opilo congruus* Newman  
Dwellingup, Margaret R  
CALM

*Trogodendron fasciculatum* Schreibers  
Mundaring, Jarrahdale, Dwellingup, Whittaker's Mill,  
Nannup  
CALM

MELYRIDAE

*Carphurus cyanopterus* Boh.  
Mt Barker  
Lea 1901, 1909a

*Dasytes corticarioides* Lea  
'Darling Ranges'  
Lea 1909a

*Dasytes fuscipennis* Hope  
Mt Barker  
Lea 1909a

*Dicranolaius intermedius* Lea  
Warren R  
Lea 1917, Matthews, pers. comm.

*Dicranolaius orcicornis* Lea  
Mt Barker  
Lea 1898b 1909a, Matthews, pers. comm.

*Helcogaster ater* Lea  
Donnybrook  
Lea 1909a

*Helcogaster parallelus* Lea  
Karridale  
Lea 1909a

CUCUJIDAE

*Laemophlaeus testaceo-rufus* Lea  
Mt Barker  
Lea 1904b

PHALACRIDAE

*Litochrus maculatus* Blackburn  
Mt Barker  
Lea 1932

*Litochrus sydneyensis* Blackburn  
'Darling Ranges', Bridgetown, Mt Barker  
Lea 1932

*Parasemus australiae* Lea  
Bridgetown  
Lea 1932

*Parasemus haploderus* Lea  
'Darling Ranges'  
Lea 1932

*Parasemus suturellus* Blackburn  
Mt Barker  
Lea 1932

*Phalacrus corruscus* Panz  
Mt Barker  
Lea 1932

*Phalacrus halacrinus* Blackburn  
Karridale, Mt Barker  
Lea 1932

LANGURIIDAE

*Xenocryptus tenebrioides* Arrow  
Kalamunda, Mundaring  
Arrow 1929

EROTYLIDAE

*Hoplepiscapha longicornis* Lea  
Mt Barker  
Lea 1922a, Matthews, pers. comm.

BIPHYLLIDAE

*Diplocoelus apicicollis* Lea  
Donnybrook  
Lea 1921

*Diplocoelus latus* Lea  
Donnybrook, Pimelia, Pemberton  
Lea 1895, Oke 1951

*Diplocoelus xanthorrhoeae* Lea  
'Darling Ranges'  
Lea 1921

BOTHRIDERIDAE

*Deretaphrus piceus* Germ.  
Bridgetown  
Lea 1898b

*Deretaphrus xanthorrhoeae* Lea  
Chidlow  
Lea 1898b

CERYLONIDAE

*Euxestus medioniger* Lea  
Manjimup  
Lea 1922a

COCCINELLIDAE

*Bucolellus ornatus* Blackburn  
Karridale, Mt Barker  
Lea 1901



- Bucolus nuytsiae* Lea  
Donnybrook  
Lea 1901
- Cleobora mellyi* (Mulsant)  
Mundaring, 8 km W Manjimup, 3 km S Margaret R,  
Karridale, Deepdene, Boranup, Mt Barker, Porongurups  
Pope 1988
- Coccinella transversalis* Fabricius  
John Forrest NP, Jarrahdale, Serpentine Dam, Bannister,  
Collie, Donnybrook, Wilga, Pemberton, Walpole, Kojonup,  
Mt Barker, Denmark  
Pope 1988
- Harmonia conformis* (Boisduval)  
Bedforddale, Jarrahdale, Donnybrook, Wilga, Pemberton,  
Mt Barker  
Lea 1901, Pope 1988
- Rhyzobiellus alphabeticus* Lea  
Pimelia  
Oke 1951, Weir, pers. comm.
- Rhyzobius hirtellus* Crotch.  
'Darling Ranges', Mt Barker  
Lea 1901, Weir, pers. comm.
- Rhyzobius nitidus* Blackburn  
Mt Barker  
Lea 1901, Weir, pers. comm.
- Stethorus histrio* Chazeau  
Donnybrook  
Houston 1980
- Stethorus nigripes* Kapur  
Stoneville, Donnybrook  
Houston 1980
- Stethorus vagans* (Blackburn)  
Pemberton  
Houston 1980
- TENEBRIONIDAE
- Adelium forticorne* Gebien  
Torbay  
Gebien 1908
- Adelium irregulare* Carter  
Bridgetown-Manjimup  
Carter 1914
- Adelium lindense* Blackburn  
Mt Barker  
Carter 1908
- Adelium vicarium* Pascoe  
Darlington, Bridgetown, Mt Barker  
Champion 1894, Lea 1898b
- Anaxo cylindricollis* Carter  
Bridgetown  
Carter 1927
- Dimorphochilus apicalis* Borchmann  
Torbay  
Borchmann 1908
- Dimorphochilus gouldi* Hope  
Pimelia  
Oke 1951
- Ecnolagria aeneoviolacea* Champ.  
Mundaring, Jarrahdale, Northcliffe, Boranup  
Borchmann 1933, Abbott 1985
- Ectyche sculpturata* Bates  
Mt Helena  
Gebien 1908
- Helaeus perforatus*  
Manjimup  
Majer and Koch 1982
- Helaeus rugosipennis* Carter  
Bridgetown  
Carter 1910
- Isopteron brevis* (Champion)  
Darlington  
Champion 1894, Matthews, pers. comm.
- Leptogasterus occidentalis* Carter  
Parkerville  
Carter 1920
- Melaps pilosus* Carter  
Bridgetown  
Carter 1915
- Metistete ebeninus* Carter  
Mt Barker  
Carter 1915
- Omolipus grimwadei* Oke  
Denmark  
Oke 1951
- Ophrythyreocis vigilans* Lea  
Manjimup, Pemberton  
Lea 1930
- Platydema abdominale* Gebien  
Torbay  
Gebien 1908
- Platydema tetraspilotum* Hope  
Mundaring  
CALM
- Pterohelaeus tristis* Lea  
Mt Barker  
Lea 1896
- MELANDRYIDAE
- Dircaea lignivora* Lea  
Donnybrook  
Lea 1895
- MORDELLIDAE
- Austromordella verticordiae* Lea  
Mt Barker  
Lea 1902, Matthews, pers. comm.

*Mordella brevis* Lea  
Bridgetown, Mt Barker  
Lea 1902

*Mordella simillima* Lea  
Mt Barker  
Lea 1902

#### RHIPIPHORIDAE

*Evaniocera meyricki* Blackburn  
Karridale  
Lea 1917

*Evaniocera perthensis* Blackburn  
'Darling Ranges'  
Lea 1904b

*Macrosiagon diversiceps* (Blackburn)  
'Darling Ranges'  
Lea 1917, Weir, pers. comm.

#### COLYDIIDAE

*Bitoma occidentalis* Carter  
Mt Barker  
Carter 1937

*Todima fusca* Group.  
Mt Barker  
Carter 1937

#### ZOPHERIDAE

*Latometus lunatus* Pascoe  
Pimelia, Pemberton  
Oke 1951

#### OEDEMERIDAE

*Copidita puncta* W.S. Macleay  
Mangemup (= ? Manjimup)  
Lea 1917

#### ANTHICIDAE

*Anthicus geminatus* Lea  
'Darling Ranges', Bridgetown  
Lea 1895, 1922b

*Anthicus simulator* Lea  
Bridgetown  
Lea 1895

#### ADERIDAE

*Syzetoninus parallelus* Lea  
Bridgetown  
Lea 1895

#### CERAMBYCIDAE

##### PRIONINAE

*Dioclidea prionoides* Thomson  
Jarrahdale, Del Park, Dwellingup  
Benjamin 1984

*Scelecantha pilosicollis* (Hope)  
Dwellingup, Pemberton, Deepdene  
Abbott 1985, WADA

#### CERAMBYCINAE

*Adrium artifex* (Newman)  
Mundaring, Dwellingup, Kirup  
Abbott 1985

*Amphirhoe decora* (Newman)  
Deepdene  
WADA

*Aphanasium australe* (Boisduval)  
Darlington, Jarrahdale, Dwellingup, Del Park, Deepdene  
McKeown 1948, Benjamin 1984, WADA

*Bardistus cibarius* Newman  
Mundaring, Boyup Brook, Deepdene  
Abbott 1985, ANIC, WADA

*Bethelium cleroides* (White)  
Mornington, Pemberton  
WADA

*Bethelium ruidum* Pascoe  
Warren R  
Lea 1918

*Bimia bicolor* White  
Jarrahdale, Deepdene  
McKeown 1948, WADA

*Coleocoptus senio* (Newman)  
Mundaring  
Abbott 1985

*Coptocercus rubripes* (Boisduval)  
Dwellingup, Donnybrook, Manjimup  
ANIC, WADA

*Coptocercus undulata* (Hope)  
Greystones (Mundaring), Dwellingup, Deepdene  
WADA

*Earinis purpureipes* Lea  
Darlington  
McKeown 1948

*Hesthesis angulatus* Pascoe  
Bannister  
WADA

*Homaemota basalis* (Pascoe)  
Deepdene  
WADA

*Maltheba flexilis* Pascoe  
Datlington  
McKeown 1948

*Ochyra variabilis* Lea  
Warren R, Karridale  
Lea 1918

*Oroderes uniformis* Blackburn  
Greenmount, Darlington  
Webb 1988

*Phoracantha impavida* Newman  
Dwellingup, Shannon R, Karridale  
CALM, WADA

*Phoracantha lata* (Hope)  
Jarrahdale, Dwellingup, Shannon R  
Galloway 1985, CALM

*Phoracantha punctata* (Donovan)  
Darlington  
McKeown 1948

*Phoracantha semipunctata* (Fabricius)  
Julimar, John Forrest NP, Mundaring, Chidlow, Wundowie,  
Beraking, Dwellingup, Del Park, Manjimup, Pemberton,  
Karridale  
Curry 1972, 1981c, Jenkins and Curry 1971, Benjamin  
1984, Abbott 1985, Galloway 1985, WADA

*Pseudocephalus mirus* (Pascoe)  
Manjimup  
WADA

*Scolecobrotus westwoodi* Hope  
Kojonup  
WADA

*Stenocentrus suturalis* (Olivier)  
Manjimup, Nornalup, Margaret R, Boranup, Deepdene  
Abbott 1985, ANIC, WADA

*Syllitus grammicus* (Newman)  
Beraking, Manjimup  
Abbott 1985

*Tryphocaria acanthocera* (Macleay)  
Mundaring Weir, Kalamunda, Jarrahdale, Del Park,  
Karridale, Mt Barker  
Clark 1925b, Curry 1972, 1976, Duffy 1963, Brown 1983,  
Abbott 1985, Galloway 1985, WADA

*Tryphocaria princeps* Blackburn  
Dingup  
McKeown 1948

*Tryphocaria punctipennis* Blackburn  
Wheatley  
CALM

*Tryphocaria solida* Blackburn  
Jarrahdale, Del Park  
Brown 1983, Abbott 1985, Galloway 1985

*Uracanthus triangularis* Hope  
Karridale  
WADA

#### LAMIINAE

*Ancita didyma* Blackburn  
Donnybrook, Bridgetown  
WADA

*Ancita lineola* Newman  
Donnybrook  
McKeown 1948

*Ancita marginicollis* (Boisduval)  
Bridgetown, Manjimup  
WADA

*Ancita sparsa* (Pascoe)  
Donnybrook, Manjimup, Nornalup  
WADA

*Disternopsis pentheodes* (Pascoe)  
Deepdene  
WADA

#### CHRYSOMELIDAE

##### CHRYSOMELINAE

*Calomela maculicollis* Boisduval  
Mundaring, Pimelia  
Weise 1916, Oke 1951

*Chalcolampra arthritica* Lea  
'Darling Ranges', Bridgetown, Karridale  
Lea 1903

*Chalcolampra consimilis* Lea  
Mundaring, Bridgetown  
Lea 1903, Weise 1916

*Chalcolampra impar* Lea  
'Darling Ranges'  
Lea 1903

*Chalcolampra simillima* Baly  
Mt Barker  
Lea 1903

*Chalcolampra soror* Lea  
'Darling Ranges', Donnybrook  
Lea 1903

*Chrysophtharta amoena* Chapuis  
Jarrahdale, Collie, 4 km E Ferguson, Donnybrook,  
Manjimup, W Manjimup, Pemberton, Quininup, Boranup,  
Walpole, Denmark  
Abbott 1985, ANIC, CALM

*Chrysophtharta debilis* (Chapuis)  
Wellington Mill, 4 km E Ferguson  
CALM

*Chrysophtharta decolorata* (Chapuis)  
Quinninup block  
CALM

*Chrysophtharta fastidiosa* (Chapuis)  
Mt Barker  
ANIC

*Chrysophtharta variicollis* (Chapuis)  
Wellington Mill  
CALM

*Cyclonoda pilula* Clark  
'Darling Ranges', Bridgetown  
Lea 1903

*Cyclonoda subpunctata* Clark  
Mt Barker  
Lea 1903

*Paropsis advena*  
Pemberton, Boranup  
Abbott 1985

*Paropsis elliptica*  
Pemberton, Walpole, Boranup  
Abbott 1985

*Paropsis elytrura* Blackburn  
Mundaring, 4 km E Ferguson, Pemberton, Walpole  
Weise 1916, Abbott 1985, CALM

*Paropsis excisipennis* Blackburn  
Donnybrook  
Lea 1924d

*Paropsis festiva* Chp.  
Pimelia  
Oke 1951

*Paropsis geographica* Baly  
4 km E Ferguson  
CALM

*Paropsis mentitrex* Blackburn  
Pimelia, Quinninup block  
Oke 1951, CALM

*Paropsis ylgarnensis* Blackburn  
Araluen, Brockman block, 15 ml N Denmark  
ANIC, CALM

*Paropsisterna* aff. *obliterata* (Erichson)  
Brockman block  
CALM

*Paropsisterna variabilis* Chap.  
16 ml N Collie  
ANIC

*Strumatophyma verrucosa* Clark  
Deepdene, Denmark  
ANIC

#### CRYPOCEPHALINAE

*Cadmus crucicollis* (Boisduval)  
Mt Barker  
WADA

*Cadmus nothus* Lea  
Karridale  
Lea 1904a

*Cryptocephalus blandus* Lea  
'Darling Ranges'  
Lea 1904a

*Cryptocephalus castus* (Suff.)  
'Darling Ranges'  
WADA

*Ditropidus brunneipennis* Lea  
Karridale  
Lea 1920a

*Ditropidus concolor* (Sand)  
Mundaring  
WADA

*Ditropidus cornutus* Baly  
Warren R, Karridale  
Lea 1920a

*Ditropidus flavoapicalis* Lea  
Warren R  
Lea 1920b

*Ditropidus fugitivus* Chap.  
Mundaring, Pickering Brook, Bedfordale, Dwellingup,  
Donnybrook, Wilga, Bridgetown, Barlee Bk  
ANIC, WADA

*Ditropidus impuncticollis* Lea  
Karridale  
Lea 1920a

*Ditropidus jacobyi* Baly  
'Darling Ranges', Mt Barker  
Lea 1920a

*Ditropidus laevicollis* Lea  
'Darling Ranges'  
Lea 1903

*Ditropidus pulicosus* Lea  
Bridgetown  
Lea 1903

*Ditropidus* aff. *semicrudus* Lea  
Kentdale (Rocky Gully Rd)  
ANIC

*Ditropidus striato-punctatus* Lea  
'Darling Ranges'  
Lea 1903

*Ditropidus xanthurus* Lea  
Karridale  
Lea 1903

*Elaphodes halticoides* Lea  
Bridgetown  
Lea 1920a

*Leasia australis* Jacoby  
Nannup, Pemberton, Walpole, Denmark, Margaret R  
ANIC

*Loxopleurus atramentarius* Chapuis  
Mt Barker  
Lea 1904a

*Loxopleurus continguus* Lea  
'Darling Ranges'  
Lea 1904a

*Loxopleurus lateriflavus* Lea  
Karridale  
Lea 1904a

*Loxopleurus mixtus* Lea  
Karridale  
Lea 1904a

#### SAGRINAE

*Diaphanops westermanni* (Boheman)  
Boya, Gleneagle, Nornalup, Mt Barker  
WADA

EUMOLPINAE

*Agetinella minuta* Jacoby  
Glen Forrest, Nannup, Karridale  
ANIC

*Agetinus corinthius* Boisduval  
Mundaring  
Weise 1916

*Cleptor minutus* Lea  
Karridale  
Lea 1915a

*Edusella blackburni* Lea  
Donnybrook, Bridgetown, Mt Barker  
Lea 1915a, Weir, pers. comm.

*Edusella dispar* Lea  
'Darling Ranges', Warren R, Karridale  
Lea 1915a, ANIC, Weir, pers. comm.

*Edusella griffithi* Lea  
'Darling Ranges'  
Lea 1915a, Weir, pers. comm.

*Edusella sericea* Lea  
'Darling Ranges'  
Lea 1915a, Weir pers. comm.

*Geloptera geniculata* Baly  
No localities listed by Lea. Stated to be abundant and widespread in SW Australia.  
Karragullen, Donnybrook, Bridgetown, Nornalup, Denmark, Karridale, Kojonup, Mt Barker  
Lea 1915a, WADA

*Geloptera nodosa* Clark  
No localities listed. Stated to occur throughout SW Australia  
Lea 1915a

*Geloptera soror* Lea  
Denmark, 6 ml NNE Denmark, Karridale, 11 ml E Alexander Bridge  
ANIC

*Geloptera tuberculata* Baly  
Mundaring, 40 ml peg Brookton Highway, Bridgetown, Wilga  
Lea 1915a, Weise 1916, ANIC, WADA

*Tomyris aurea* Lea  
Mt Barker  
Lea 1915a

*Tomyris compacta* Lea  
'Darling Ranges'  
Lea 1915a

*Tomyris femoralis* Lea  
'Darling Ranges', Mt Barker  
Lea 1915a

*Tomyris incisa* Lea  
'Darling Ranges', Mt Barker  
Lea 1915a

*Tomyris inconspicua* Lea  
'Darling Ranges'  
Lea 1915a

*Tomyris picticornis* Lea  
Mt Barker, Warren R  
Lea 1915a

*Tomyris pusilla* Lef.  
Bridgetown  
Lea 1915a

*Tomyris tantilla* Lea  
'Darling Ranges', Donnybrook  
Lea 1915a

GALERUCINAE

*Arsipoda acuminata* Waterhouse  
Pimelia  
Oke 1951

*Epitrix australis* Bryant  
Lesmurdie  
Bryant 1953

*Monolepta hypomela* Lea  
Donnybrook, Bridgetown  
Lea 1923c

*Monolepta stenocera* Lea  
Mt Barker  
Lea 1923c

BELIDAE

*Belus acicularis* Pascoe  
Mt Barker  
Lea 1898b

BRENTIDAE

*Apion foveicolle* Lea  
Donnybrook  
Lea 1898b

CURCULIONIDAE

AMYCTERINAE

*Acantholophus amycteroides* Macleay  
Parkerville, Collie, Porongurups  
Lea 1909d, Ferguson 1921b, WADA

*Acantholophus aureolus* Boheman  
Mt Cooke, Buckingham, Karridale, Porongurups  
Uther Baker Coll., WADA

*Acantholophus bivittatus* Boheman  
Denmark  
Uther Baker Coll.

*Acantholophus cupreomicans* Ferguson  
Gleneagle, Mt Cooke  
Uther Baker Coll.

*Acantholophus dumosus* Boheman  
Chidlow, Mundaring Weir, Gleneagle, Mt Cooke, Denmark, Porongurups,  
Ferguson 1921b, Uther Baker Coll, WADA

- Acantholophus hypoleucus* Boheman  
Donnybrook, Denmark  
Uther Baker Coll., WADA
- Acantholophus lateralis* Boheman  
Mt Cooke, Dwellingup, Bridgetown, Manjimup,  
Quilergup, Nannup, Denmark, Hay R  
Majer and Koch 1982, Uther Baker Coll., WADA
- Acantholophus maximus* Macleay  
Mundaring, Gooseberry Hill, Victoria Reservoir  
Ferguson 1921b, Uther Baker Coll., WADA
- Acantholophus mucronatus* Macleay  
Denmark  
Uther Baker Coll.
- Acantholophus rugiceps* Macleay  
Torbay  
Lea 1909d
- Acantholophus scaphirostris* Ferguson  
Bridgetown, Warren R, Denmark, Karridale  
Ferguson 1915a, 1921b, Uther Baker Coll.
- Acantholophus spinosus* Macleay  
Warren R  
Ferguson 1915a
- Acantholophus suturalis* Boheman  
Mt Helena, Dwellingup, Collie, Porongurups  
Lea 1909d, Ferguson 1915a, WADA
- Achorostoma hystricosum* (Boheman)  
Mundaring, Buckingham  
Uther Baker and Thompson 1980
- Aedriodes crawshawi* Ferguson  
Karridale  
Uther Baker Coll.
- Aedriodes fastigiatus* Pascoe  
Mt Cooke, Mt Barker  
Uther Baker Coll.
- Aedriodes humeralis* Lea  
Denmark, Mt Barker  
Lea 1904c, Ferguson 1923, Uther Baker Coll.
- Aedriodes inuus* Pascoe  
Manjimup, Warren R, Denmark  
Ferguson 1915a, 1923, Majer and Koch 1982, Uther Baker  
Coll.
- Aedriodes mendosus* Pascoe  
Denmark  
Uther Baker Coll.
- Aedriodes mucronatus* Ferguson  
Mundaring, Denmark  
Ferguson 1923, Uther Baker Coll.
- Amorphorhinus muriceus* Ferguson  
Mundaring  
Ferguson 1915a
- Amorphorhinus polyancanthus* Pascoe  
'Darling Ranges', Dwellingup  
Ferguson 1923, Majer and Koch 1982
- Anascoptes fasciatus* Ferguson  
Mt Barker  
Ferguson 1921c, Britton and Stanbury 1981
- Cubicorhynchus maximus* Macleay  
Gooseberry Hill  
Lea 1909d
- Cubicorhynchus sparsus* Ferguson  
'Darling Ranges'  
Ferguson 1916
- Cubicorhynchus spinicollis* Macleay  
Gooseberry Hill  
Lea 1909d
- Cucullothorax horridus* Ferguson  
Mt Barker, Warren R, Denmark  
Ferguson 1915a 1923, Uther Baker Coll.
- Dialeptopus collaris* Boheman  
Manjimup  
Majer and Koch 1982
- Dialeptopus ferreus* Pascoe  
Denmark  
Uther Baker Coll.
- Dialeptopus longipes* Lea  
Mt Barker  
Lea 1896, 1910b, Ferguson 1915a
- Dialeptopus macilentus* Pascoe  
Rocky Gully, Mt Barker  
Ferguson 1923, Uther Baker Coll.
- Dicherotropis dameli* Macleay  
Denmark  
Uther Baker Coll.
- Euomus insculptus* Boheman  
Margaret R  
WADA
- Euomus scorpio* Boisduval  
Mundaring, Serpentine R, Nornalup, Denmark,  
Porongurups  
Ferguson 1923, Uther Baker Coll., WADA
- Euomus stephensi* Gyll.  
Donnybrook, Warren R, Denmark, Mt Barker, Porongurups  
Ferguson 1915a, Uther Baker Coll., WADA
- Hyborrhynchus coenosus* Boheman  
Denmark  
Uther Baker Coll.
- Hyborrhynchus maculatus* Macleay  
Denmark  
Uther Baker Coll.
- Macramycterus boisduvali* Boisduval  
Circular Pool, Denmark, Mt Barker  
Uther Baker Coll., WADA
- Melanegis stygius* Pascoe  
Denmark  
Uther Baker Coll.

*Mythitis basalis* Boisduval

Denmark  
Uther Baker Coll.

*Neohyborrhynchus rugosus* Macleay

Denmark  
Uther Baker Coll.

*Oditesus indutus* Pascoe

Mt Barker  
Ferguson 1923

*Oditesus sulcirostris* Pascoe

Denmark  
Uther Baker Coll.

*Oditesus tibialis* Lea

Mt Barker  
Lea 1904c

*Parahyborrhynchus convexiusculus* Macleay

Manjimup, Big Brook, Karridale  
Uther Baker Coll., WADA

*Paroditesus tibialis* Lea

Mt Barker  
Ferguson 1923

*Sclerorinus carteri* Ferguson

Bridgetown  
Ferguson 1915b, Britton and Stanbury 1981

*Talaurinus amycteroides* Macleay

Mt Talbot, Mt Cooke  
Uther Baker Coll.

*Talaurinus angustatus* Macleay

Denmark  
Uther Baker Coll.

*Talaurinus leai* Ferguson

'Darling Ranges', Mt Cooke  
Ferguson 1915c, Uther Baker Coll.

*Talaurinus semispinosus* Boheman

Denmark  
Uther Baker Coll.

*Talaurinus validus* Ferguson

Donnybrook  
WADA

#### LEPTOPIINAE

*Catasarcus aerosus* Thompson

Ashendon block, Pemberton, Poorginup block, Boranup  
CALM

*Catasarcus bilineatus* Fahraeus

Jarrahdale, Manjimup  
Thompson 1968

*Catasarcus coruscus* Thompson

Yelverton, E Witchcliffe, Forest Grove, Karridale,  
Kudardup  
Thompson 1968

*Catasarcus cygnensis* Thompson

'Darling Ranges', Quinninup block, Boranup  
Thompson 1968, CALM

*Catasarcus frontalis* Thompson

Dalgarup  
CALM

*Catasarcus hopei* Fahraeus

Buckingham, Boscabel, Nannup, Mt Barker  
Lea 1909c, Thompson 1968

*Catasarcus impressipennis* (Boisduval)

Shannon R, Walpole, Nornalup, Mt Barker  
Lea 1909c, Thompson 1968, Jenkins and Curry 1971,  
Britton and Stanbury 1981, CALM

*Catasarcus laevior* Thompson

Manjimup  
Thompson 1978, Koch 1980

*Catasarcus murex* Thompson

Hester, Bridgetown  
Thompson 1968, Koch 1980

*Catasarcus spinipennis* Fahraeus

Darlington, Jarrahdale, Buckland Hill (near Collie),  
Pemberton  
Thompson 1968

*Cherrus aureolus* Pascoe

Mt Helena, Collie  
Lea 1909d

*Cherrus mastersi* Pascoe

Manjimup, Mt Barker  
Lea 1904c, Majer and Koch 1982

*Cherrus punctipennis* Pascoe

Donnybrook  
Lea 1904c, 1909d

*Essolithna echimys* Pascoe

Mundaring, Lunenberg, Bridgetown  
Lea 1909d, 1915b

*Essolithna maculata* Lea

Mt Barker  
Lea 1904c

*Essolithna militaris* Lea

'Darling Ranges'  
Lea 1904c

*Leptopius spinosus* Lea

Torbay  
Lea 1909d

*Polyphrades aesalon* Pascoe

Pimelia, Pemberton  
Oke 1951, Zimmerman, pers. comm.

#### GONIPTERINAE

*Gonipterus citriphagus* Lea

Mt Barker  
WADA

*Oxyops aberrans* Lea

Mt Barker  
Lea 1897

*Oxyops aulica* Pascoe  
Cardac Block  
CALM

*Oxyops farinosa* Pascoe  
Bridgetown  
NMV, WADA

*Oxyops fasciata* Boisduval  
Dwalgan block, Poorginup block, Mt Barker  
CALM, WADA

*Oxyops hopei* Boheman  
Long block  
CALM

*Oxyops pictipennis* Blackburn  
Ashendon block, Bridgetown, Yanmah block, Mersea  
block, Quillben block, Karridale  
CALM, ANIC, WADA

#### DIABATHRARIINAE

*Strongylorhinus clarki* Marshall  
Denmark  
ANIC

#### RHYNCHITINAE

*Auletes pallipes* Lea  
Bridgetown  
Lea 1898b

#### RHADINOSOMINAE

*Rhadinosomus lacordairei* Pascoe  
Boranup, Pemberton  
Abbott 1985

#### CURCULIONINAE

*Orthorhinus cylindrirostris* Fabricius  
Carmel, Pickering Brook, Kalamunda  
SAM, CALM

#### ERIRHININAE

*Cydmaea brevicornis* Lea  
'Darling Ranges'  
Lea 1899b

*Cydmaea dorsalis* Lea  
Mt Barker  
Lea 1899b

*Cydmaea eucalypti* Lea  
Bridgetown  
Lea 1899b

*Cydmaea fasciata* Lea  
'Darling Ranges'  
Lea 1899b

*Cydmaea moerens* Lea  
'Darling Ranges', Bridgetown  
Lea 1899b

*Cydmaea rostralis* Lea  
Mundaring  
Lea 1915b

*Cydmaea uniformis* Lea  
Bridgetown  
Lea 1899b

*Cydmaea viridula* Pascoe  
Donnybrook  
Lea 1899b

*Cyttalia impura* Lea  
Mt Barker  
Lea 1899b

*Cyttalia inornata* Lea  
Mt Barker  
Lea 1899b

*Cyttalia maculata* Lea  
Karridale  
Lea 1906b

*Cyttalia sydneyensis* Blackburn  
Karridale  
Lea 1906b

*Desiantha malevolens* Lea  
Mundaring  
Lea 1915b

*Desiantha trivitticollis* Lea  
Denmark  
Oke 1951

*Dicrocis leucomelas* Lea  
Karridale  
Lea 1926b

*Encosmia albifascia* Lea  
Mt Barker  
Lea 1926b

*Encosmia minor* Lea  
Mt Barker  
Lea 1926b

*Encosmia nigriclava* Lea  
Mt Barker  
Lea 1926b

*Encosmia ruficornis* Lea  
Mt Barker  
Lea 1926b

*Eristus pallidicornis* Lea  
Mt Barker  
Britton and Stanbury 1981

*Omorophius nigrovarius* Lea  
Bridgetown  
Lea 1909d

*Storeus bellulus* Lea  
Mt Barker  
Lea 1899b

*Storeus macrostylus* Lea  
Bridgetown  
Lea 1899b



*Storeus variabilis* Lea  
'Darling Ranges', Mt Barker  
Lea 1899b

BARIDINAE

*Baris australiae* Lea  
Donnybrook  
Lea 1906b

LAEMOSACCINAE

*Laemosaccus brevis* Lea  
Mt Barker  
Lea 1898b

*Laemosaccus cryptonyx* Pascoe  
Bridgetown  
Lea 1896

OTIORHYNCHINAE

*Evas elliptica* Lea  
'Darling Ranges'  
Lea 1904c

*Evas latipennis* Lea  
'Darling Ranges'  
Lea 1904c

\**Otiorynchus cribricollis* Gyll.  
Parkerville, Bedforddale, Roleystone, Dwellingup,  
Wellington Mill, Donnybrook, Kirup, Balingup,  
Bridgetown, Manjimup, Nannup, Pemberton  
Abbott 1985, WADA

*Pascoellus umbratus* Blackburn  
Pimelia  
Oke 1951

*Timareta nodipennis* Lea  
Mt Barker  
Lea 1909c

*Timareta xanthorrhoeae* Lea  
'Darling Ranges'  
Lea 1909c

AMALACTINAE

*Tranes roei* Boheman  
Mundaring, Manjimup, Mt Barker  
Lea 1898b, 1915b, Majer and Koch 1982

*Tranes xanthorrhoeae* Lea  
'Darling Ranges', Bridgetown, Mt Barker  
Lea 1898b, Zimmerman, pers. comm.

ATERPINAE

*Iphisaxus aethiops* Pascoe  
Mt Barker  
Lea 1904c, Zimmerman, pers. comm.

*Iphisaxus asper* Pascoe  
Mt Barker  
Lea 1904c

*Pelorhinus amplipennis* Lea  
Mt Barker  
Lea 1904c

*Rhinaria aberrans* Lea  
Mt Barker  
Lea 1904c

*Rhinaria sulcirostris* Lea  
Mt Barker  
Lea 1904c

CRYPTORHYNCHINAE

*Achopera lachrymosa* Pascoe  
Torbay  
Lea 1909d

*Chaetectetorus bifasciatus* Boheman  
SW Australia, widely distributed  
Lea 1908a, Abbott 1985

*Chaetectetorus setosus* Boheman  
SW Australia, widely distributed  
Lea 1908a

*Decilaus distans* Pascoe  
Pemberton  
Oke 1951

*Decilaus foraminosus* (Pascoe)  
Bridgetown  
Lea 1898a

*Decilaus foveiventris* Lea  
Donnybrook  
Lea 1898a

*Decilaus memnonius* (Pascoe)  
Donnybrook, Bridgetown  
Lea 1898a

*Decilaus moluris* Lea  
Pimelia, Torbay  
Lea 1909d, Oke 1951

*Lybaeba oestuans* Pascoe  
Karridale  
Lea 1899a

*Melanterius cinnamomeus* Pascoe  
Donnybrook  
Lea 1899a

*Menios nebulosus* Lea  
Bridgetown, Mt Barker  
Lea 1909b

*Metacymia marmorea* Pascoe  
Mundaring  
Lea 1915c

*Microcryptorhynchus cylindricollis* Lea  
Mt Barker  
Lea 1912

*Ophrythyreocis vigilans* Lea  
Pimelia  
Lea 1930, Oke 1951

*Paratituacia dorsosignata* Lea  
Chidlow  
Lea 1907

*Poropterus rhyticephalus* Lea  
'Mayemup' (= ? Mayanup)  
Lea 1928

*Tetengia solenopa* Lea  
Bridgetown  
Lea 1912

#### RHYNCHAENINAE

*Rhamphus microscopicus* Lea  
Donnybrook, Bridgetown  
Lea 1925b

#### COSSONINAE

*Pentaminus rhyncholiformis* Wollaston  
Donnybrook  
Lea 1896

#### HAPLONYCHINAE

*Haplonyx rubiginosus* Pascoe  
'Darling Ranges', Mt Barker  
Lea 1897

*Haplonyx tibialis*  
'Denmark District' = Nornalup  
Newman and Clark 1924, Jenkins and Curry 1971, Abbott  
1985

#### TYCHIINAE

*Elleschodes inconstans* Lea  
Bridgetown  
Lea 1909d

*Elleschodes placidus* Lea  
Karridale  
Lea 1908b

#### CYLINDORRHININAE

*Listroderes obliquus*  
Darkan, Dinninup, Mt Barker  
WADA

#### SCOLYTIDAE

\**Hylastes ater* (Paykull)  
Map  
Jenkins and Curry 1971, Abbott 1985

\**Hylurgus ligniperda* (Fabricius)  
Map  
Jenkins and Curry 1971, Abbott 1985

\**Ips grandicollis* (Eichhoff)  
Map  
Rimes 1959, Jenkins and Curry 1971, Curry 1976, 1977,  
Abbott 1985

*Xyleborus banksiae* Schedl  
Map  
Schedl 1964, Abbott 1985

*Xyleborus pseudoangustatus* Schedl  
Dwellingup  
ANIC

*Xyleborus saxeseni* (Ratzeburg)  
Map  
Curry 1976, 1981c, Majer and Koch 1982, Abbott 1985

#### STREPSIPTERA

##### STYLOPIDAE

*Aurolomyia gracilipes* Lea  
Bridgetown  
Lea 1910a

#### MECOPTERA

##### BITTACIDAE

*Harpobittacus phaeoscius* Riek  
Glen Forrest, Bridgetown, Donnelly R, Pemberton,  
W Pemberton, Treen Brook (5 ml W Pemberton), Warren R  
(6 ml SE Pemberton) 3 km NW, Margaret R, 11 km S  
Margaret R  
Riek 1954, Smithers 1973, 1987

*Harpobittacus similis* Esben-Petersen  
Hovea, Mundaring, Kalamunda, Mt Helena, Lesmurdie,  
Serpentine, Wilga, Crystal Springs (7 ml W Walpole), 10  
km W Walpole  
Russell 1953, Riek 1954, Smithers 1973, 1987

##### MEROPEIDAE

*Austromerope poultoni* Killington  
Darlington, Dwellingup, Boddington, Worsley, Manjimup  
Faithfull *et al.* 1985, Smithers 1987

#### DIPTERA

##### TIPULIDAE

*Amphineurus fergusonii* Alexander  
Boddington, Donnybrook  
Alexander 1931

*Helius invenustipes* (Alexander)  
Donnybrook, Pemberton  
Alexander 1930, Evenhuis 1989

*Horistomyia occidentalis* Alexander  
Donnybrook, Bridgetown  
Alexander 1929b

*Leptotarsus kalamundaensis* Dobrotworsky  
Kalamunda, Roleystone  
Dobrotworsky 1972, Koch 1980

*Leptotarsus mathewsi* (Alexander)  
Darlington, N Bannister, Kojonup, Porongurup Range  
Dobrotworsky 1974

*Leptotarsus walpoleiensis* Dobrotworsky  
24 ml NW Walpole  
Dobrotworsky 1974

*Limonia clarki* Alexander  
Mundaring, Donnybrook, Balingup, Pemberton  
Alexander 1930

*Limonia punctipennis* (Skuse)  
Warren R  
Alexander 1922, Evenhuis 1989

*Molophilus inimicus* Alexander  
Pemberton  
Alexander 1929a

*Paralimnophila indecora* (Alexander)  
Warren R  
Alexander 1922, Evenhuis 1989

*Ptilogyna lineata* (Skuse)  
Northcliffe, Porongurups  
Dobrotworsky 1971

*Ptilogyna westralis* Dobrotworsky  
Denmark  
Dobrotworsky 1971

#### TANYDERIDAE

*Radinoderus occidentalis* (Alexander)  
Beedelup Falls, Pemberton  
Colless 1962

#### CULICIDAE

*Aedes alboannulatus* (Macquart)  
Jarrahdale, Collie, Balingup, Greenbushes, Bridgetown,  
Manjimup, Nannup  
Britten 1958

*Aedes calabyi* Marks  
10 ml SE Darkan, Kojonup  
Marks 1962

*Aedes camptorhynchus* (Thomson)  
Manjimup, Nornalup  
Britten 1958

*Aedes clelandi* (Taylor)  
Karragullen, Jarrahdale, Collie, Manjimup, Nornalup  
Britten 1958

*Aedes notoscriptus* (Skuse)  
Donnybrook, Manjimup, Nornalup  
Britten 1958

*Aedes occidentalis* (Skuse)  
Karragullen, Bridgetown  
Britten 1958

*Aedes ratcliffei* Marks  
7 ml SSE Gleneagle, 7 ml E Jarrahdale, Manjimup,  
Porongurups  
Marks 1959

*Aedes stricklandi* (Edwards)  
Serpentine  
Marks 1963

*Anopheles annulipes* Walker  
(map) Jarrahdale, Balingup, Manjimup, Perup  
Lee & Woodhill 1944, Britten 1958, Bunn *et al.* 1986

*Anopheles atratipes* Skuse  
Collie, Drakesbrook, Balingup, Nannup, Manjimup,  
Pemberton, Walpole, Nornalup  
Britten 1958

*Culex annulirostris* Skuse  
Manjimup, L Muir  
Britten 1958

*Culex fatigans* Wiedemann  
Collie, Manjimup  
Britten 1958

*Culex aff. fergusonii* (Taylor)  
Jarrahdale, Manjimup, Mt Barker  
Britten 1958

*Culex latus* Dobrotworsky  
Drakes Brook Weir, Donnybrook  
Dobrotworsky 1956

*Culex pipiens* Linnaeus  
Jarrahdale, Balingup, Boyup Brook, Manjimup  
Britten 1958

*Culiseta atra* (Lee)  
Jarrahdale, Darkan, 10 ml NE Donnybrook, Balingup,  
Manjimup, Nannup, Nornalup, Porongurups  
Britten 1958, Dobrotworsky 1968, Marks 1968

*Tripteroides atripes* (Skuse)  
Collie  
Britten 1958

#### CHIRONOMIDAE

*Ablabesmyia notabilis* (Skuse)  
Pemberton  
Freeman 1961

*Allotrissocladius amphibius* Freeman  
40 ml ESE Perth (Albany Highway)  
Edward 1964

*Aphroteniella filicornis* Brundin  
Northern jarrah forest streams  
Bunn *et al.* 1986

*Chironomus aff. alternans* Walker  
Serpentine Falls, Hay R, Lefroy Brook  
Edward 1964, Bunn *et al.* 1986

*Chironomus australiensis* Freeman  
Araluen (Canning R)  
Edward 1964

*Cladotanytarsus australomancus* Glover  
Wilgarrup R, Perup R  
Freeman 1961, Glover 1973, Evenhuis 1989

*Cricotopus annuliventris* (Skuse)  
Wungong Brook, N Dandalup R  
Bunn *et al.* 1986

*Cryptochironomus griseodorsum* (Kieffer)  
Northern jarrah forest streams  
Bunn *et al.* 1986, Evenhuis 1989

*Kiefferulus intertinctus* (Skuse)  
Perup R, Frankland  
Edward 1964, Freeman 1961, Evenhuis 1989

*Kiefferulus martini* (Freeman)  
Porongurup NP (Bolganup dam)  
Edward 1964, Evenhuis 1989

*Paraborniella tonnoiri* Freeman  
64 ml ESE Perth (Albany Highway)  
Edward 1964

*Paramerina levidensis* (Skuse)  
Northern jarrah forest streams, Lefroy Brook (Pemberton),  
Perup R, Porongurup NP (Bolganup dam)  
Edward 1964, Bunn *et al.* 1986

*Polypedilum nubiferum* (Skuse)  
Kent R, Wilgarrup R  
Edward 1964, Freeman 1961

*Procladius paludicola* Skuse  
Hay R, Kent R, Frankland R  
Edward 1964

*Riethia stictoptera* Kieffer  
Wungong Brook, N Dandalup R  
Bunn *et al.* 1986

*Riethia zeylandica* Freeman  
Wungong and N Dandalup catchments  
Bunn *et al.* 1986

*Stictocladius uniserialis* Freeman  
Wungong Brook  
Bunn *et al.* 1986, Evenhuis 1989

*Tanytarsus collessi* Glover  
Channybearup  
Glover 1973

*Tanytarsus edwardi* Glover  
3 ml SW Karridale, Jewel Cave (Augusta), Valley of  
Giants (Normalup), Porongurup NP  
Glover 1973

*Tanytarsus fuscithorax* Skuse  
3 ml S Karridale, Perup R  
Glover 1973

*Tanytarsus inextentus* Skuse  
Normalup  
Glover 1973

#### CERATOPOGONIDAE

*Austroconops mcmillani* Wirth & Lee  
John Forrest NP, 10 ml SE Darkan  
Wirth and Lee 1958, Debenham 1979

*Culicoides marksii* Lee & Reye  
Map  
Kojonup  
Murray 1975, Debenham 1979

*Culicoides victoriae* Macfie  
Map  
Murray 1975

*Forcipomyia albopunctata* (Skuse)  
Kojonup  
Debenham 1987b

*Forcipomyia insignis* (Skuse)  
Kojonup  
Debenham 1987a

*Leptoconops longicornis* Carter  
Karragullen, Denmark  
Smee 1966, Debenham 1979

*Mixohela lemur* Debenham  
6 ml SW Manjimup, 7 ml W Pemberton, Pimelia,  
6 ml N Walpole, Normalup  
Debenham 1974

*Mixohela versicolor* Debenham  
Normalup  
Debenham 1974

#### SIMULIIDAE

*Austrosimulium bancrofti* (Taylor)  
Mundaring, Serpentine, Bridgetown  
Mackerras and Mackerras 1948

*Austrosimulium* aff. *cornutum* Tonnoir  
Pemberton  
Mackerras and Mackerras 1948

*Austrosimulium furiosum* (Skuse)  
Northern jarrah forest streams, Kirup, Wilgarrup Brook,  
Pemberton,  
Mackerras and Mackerras 1948, Bunn *et al.* 1986

*Cnephia*(?) *fergusoni* (Tonnoir)  
Bridgetown  
Mackerras and Mackerras 1948, Evenhuis 1989

*Cnephia*(?) aff. *terebrans* (Tonnoir)  
Bridgetown, Pemberton  
Mackerras and Mackerras 1948, Evenhuis 1989

*Cnephia*(?) *tonnoiri* (Drummond)  
Lesmurdie, Wungong Brook, N Dandalup R  
Mackerras and Mackerras 1948, Bunn *et al.* 1986,  
Evenhuis 1989

*Simulium ornatipes* Skuse  
Northern jarrah forest streams, 'Darling Ranges', Dalgarrup  
Brook  
Mackerras and Mackerras 1948, Bunn *et al.* 1986

#### PSYCHODIDAE

*Brunettia subalternata* (Satchell)  
Pemberton  
Satchell 1953, Duckhouse 1991

*Psychoda squamipleuris* Satchell  
Pemberton  
Satchell 1953

*Sergentomyia englishae* (Tonnoir)  
Bakers Hill, Serpentine Falls  
Lewis and Dyce 1988

*Sergentomyia queenslandi* (Hill)  
Bakers Hill, Serpentine Falls  
Lewis and Dyce 1988

*Peripsychoda crassepalpis* (Satchell)

Pemberton

Satchell 1953, Evenhuis 1989

*Telmatoscopus norrisi* Satchell

Pemberton

Satchell 1953

#### BIBIONIDAE

*Dilophus cantrelli* Hardy

Yarragil (Dwellingup)

Hardy 1982

*Dilophus collessi* Hardy

6 ml SW Manjimup, Cascades (Pemberton), Rest Point (Walpole), Circular Pool (Walpole-Nornalup NP), Valley of Giants

Hardy 1982

*Dilophus longipilosus* Hardy

Kojonup

Hardy 1982

*Dilophus skusei* Hardy

Kojonup

Hardy 1982

*Dilophus tricuspидatus* Hardy

Donnybrook, 6 ml SW Manjimup, Mt Chudalup, 24 ml NW Walpole, Circular Pool (Walpole-Nornalup NP), Nornalup, Kojonup, Porongurup NP

Hardy 1982

#### PELECORHYNCHIDAE

*Pelecorhynchus mackerrasi* Daniels

Warren R (6 ml SE Pemberton)

Daniels 1977a

#### RHAGIONIDAE

*Atherimorpha communi* Paramonov

10 ml S Bridgetown

Paramonov 1962

*Chrysopilus tasmaniensis* White

Boyup Brook

Paramonov 1962

*Dasyomma norrisi* Paramonov

Pemberton

Paramonov 1962

*Spania rieki* Paramonov

15 ml NW Walpole

Paramonov 1962

#### TABANIDAE

*Ectenopsis fusca* Mackerras

Kalamunda

Mackerras 1956

*Mesomyia fuliginosa* Taylor

Kalamunda, Mt Helena, Bowelling

Ricardo 1915, Ferguson and Hill 1920, Mackerras 1961, Evenhuis 1989

*Mesomyia norrisi* Mackerras

Mt Helena, L Muir, Pemberton, Nornalup

Mackerras 1961

*Mesomyia sulcifrons* (Ferguson)

John Forrest NP, Darlington, Mundaring

Mackerras 1961

*Scaptia auranticula* Mackerras

Karragullen

Mackerras 1960

*Scaptia bicolorata* (Taylor)

Karragullen, 15 ml E Pemberton

Mackerras 1960

*Scaptia calabyi* Mackerras

Boyup Brook, Greenbushes, 2 ml SSE Yornup, Manjimup, Pemberton

Mackerras 1960

*Scaptia cinerea* (Ricardo)

Bowelling, Mt Barker

Mackerras 1960

*Scaptia divisa* (Walker)

Mundaring

Mackerras 1960

*Scaptia gemina* (Walker)

Hovea, Glen Forrest, Mundaring, Darlington, Statham's, 13 ml SE Armadale, Collie, Jingalup, Pemberton, Warren R, Nornalup

Ricardo 1917, Mackerras 1960, Evenhuis 1989

*Scaptia georgii* (Taylor)

Manjimup, 17 ml SSE Manjimup, Pemberton, Warren R, Walpole, Nornalup, Bow R, Denmark

Mackerras 1960

*Scaptia gibbula* (Walker)

Warren R

Ricardo 1917, Ferguson 1921a, MacKerras 1960,

Evenhuis 1989

*Scaptia guttipennis* (Ferguson)

Mundaring

Mackerras 1960

*Scaptia lasiophthalma* (Macquart)

Darlington

Taylor 1919, Evenhuis 1989

*Scaptia minuscula* Mackerras

John Forrest NP

Mackerras 1960

*Scaptia neotricolor* (Taylor)

Darlington, Denmark, Bornholm

Mackerras 1960

*Scaptia regis-georgii* (Taylor)

Mundaring

Mackerras 1960

*Scaptia singularis* (Macquart)  
Hovea, Mundaring, John Forrest NP, Karragullen,  
Bowelling, Nannup, Pemberton, Nornalup, Bow R,  
Denmark  
Mackerras 1960

*Scaptia tricolor* (Walker)  
Hovea, Glen Forrest, Chidlow, Jarrahdale, Greenbushes,  
Kojonup  
Mackerras 1960

#### NEMESTRINIDAE

*Trichophthalma costalis* Westwood  
Mundaring  
Mackerras 1925

*Trichophthalma fortei* Paramonov  
Nornalup  
Paramonov 1953a

#### ACROCERIDAE

*Oncodes basalis* (Walker)  
Donnybrook  
Paramonov 1957b

*Panops conspicuus* (Brunetti)  
Kalamunda  
Paramonov 1957b, Neboiss 1971

#### THEREVIDAE

*Eupsilocephala singula* (Walker)  
Mundaring  
Mann 1933, Evenhuis 1989

#### ASILIDAE

*Amphisbetetus primus* Paramonov  
Lesmurdie  
Paramonov 1966

*Asiola blasio* (Walker)  
Darlington, Glen Forrest, Mundaring, Mundaring Weir  
Daniels 1977b

*Bathypogon chionthrix* Hull  
Kalamunda  
Hull 1958

*Chrysopogon rufulus* White  
'Darling Range'  
Clements 1985

*Hullia commoni* Paramonov  
Nornalup, 7 ml W Albany  
Paramonov 1964

*Mauropteron pelago* (Walker)  
Kalamunda, 13 ml SE Armadale (Albany Highway),  
Banksiadale, 24 ml E Pinjarra, Margaret R, Deepdene  
Daniels 1987

*Neoitamus maculatus* White  
Darlington  
Hardy 1920

#### APIOCERIDAE

*Apiocera minor* Norris  
Kojonup  
Paramonov 1953b

*Apiocera oblonga* Paramonov  
Lesmurdie  
Paramonov 1953b

*Apiocera pulchra* Paramonov  
Mundaring  
Paramonov 1953b

*Neorhaphiomydas hardyi* Norris  
John Forrest NP  
Paramonov 1953b

#### MYDIDAE

*Dioclistus mitis* Gerstaecker  
Kalamunda  
Paramonov 1950

#### BOMBYLIIDAE

*Aleucosia affinis* Yeates  
Holyoake, Dwellingup (Yarragil 4P), 2 ml ENE Bowelling,  
Pemberton (Crowea), 10 ml S Margaret R, Bolganup dam  
(Porongurups)  
Yeates 1991

*Aleucosia arguta* Yeates  
Kalamunda NP, Darlington, Hovea, Mundaring Weir, Glen  
Forrest, L Leschenault, 13 ml SE Armadale, Mt Cooke,  
Yarragil 4L, 3 ml WNW Crossman, Boddington, 12 ml  
NW Williams, Greenbushes, Bridgetown, Kojonup  
Yeates 1991

*Aleucosia cincta* (Edwards)  
Donnybrook, Deepdene  
Yeates 1991

*Aleucosia corculum* (Newman)  
Kalamunda, Donnybrook, 16 ml S Nannup, Nornalup, Mt  
Barker  
Yeates 1991

*Aleucosia cuneata* (Edwards)  
Darlington, 30 ml NW Williams  
Yeates 1991

*Aleucosia dorsalis* (Walker)  
25 ml S Nannup, 10 ml S Margaret R  
Yeates 1991

*Aleucosia hyalina* Yeates  
Kalamunda, Mundaring, Collie  
Yeates 1991

*Aleucosia maculosa* (Newman)  
Mohogany Creek, Darlington, Kalamunda, L Leschenault,  
12 ml NW Williams, Bridgetown  
Yeates 1991

*Aleucosia norrisi* (Hull)  
Darlington, Kojonup  
Yeates 1991

*Aleucosia plena* (Walker)

1 ml E Jewel Cave (Augusta)

Yeates 1991

*Aleucosia saltuaria* Yeates

Pemberton (Crowea)

Yeates 1991

*Aleucosia sugillata* Yates

Darlington, 3 ml ESE Armadale, 2 km WNW Crossman

Yeates 1991

*Aleucosia tridentata* Yeates

John Forrest NP, Darlington, Kalamunda, Hovea, L

Leschenault, E edge Dale forest, Jarrahdale, Tallanalla,

Forest Grove, 1 ml E Jewel Cave (Augusta)

Yeates 1991

*Australiphthiria hilaris* (Walker)

Mundaring

Roberts 1928b, Evenhuis 1989

*Geron karakara* Evenhuis

Serpentine Falls, 16 km N Augusta

Evenhuis 1979

*Oncodasia patula* (Walker)

Kalamunda, Margaret R, Karridale

Yeates 1988

*Oncodasia plana* (Walker)

Araluen, 37 ml SE Perth (Brookton Highway)

Yeates 1988

*Villa alterna* (Walker)

Mundaring

Roberts 1928a

#### DOLICHOPODIDAE

*Medetera nigrohalterata* Parent

John Forrest NP

Bickel 1987

#### SYRPHIDAE

*Microdon dimorphon* Ferguson

Mundaring

Ferguson 1926

*Microdon occidentalis* Ferguson

Warren R

Ferguson 1926

#### SEPSIDAE

*Australosepsis niveipennis* (Becker)

Map

Colless 1980

*Parapalaeosepsis plebeia* de Meijere

Map

Colless 1980

#### LAUXANIIDAE

*Poecilohetaerus albolineatus* Hendel

Beedelup Falls, Warren R NP

Schneider 1991

*Poecilohetaerus aquilus* Schneider

Beedelup NP, Pemberton, Warren NP, Warren R, Walpole,

Kentdale, Mt Barker, Margaret R

Schneider 1991

*Sapromyza hieroglyphica* Malloch

Donnybrook

Malloch 1927

#### PLATYSTOMATIDAE

*Duomyia capnodes* McAlpine

5 ml N Nannup, 4 ml W Margaret R, 5 ml NW Augusta

McAlpine 1972

*Duomyia dete* McAlpine

5 ml N Nannup

McAlpine 1972

*Duomyia lonchaeina* McAlpine

Frankland R, Walpole

McAlpine 1972

*Duomyia longicauda* McAlpine

Deepdene (Karridale)

McAlpine 1972

*Duomyia lutea* McAlpine

Nannup

McAlpine 1972

*Duomyia ustulata* McAlpine

5 ml N Nannup, 4 ml W Margaret R

McAlpine 1972

*Lenophila nila* McAlpine & Kim

John Forrest NP, Hovea, Crystal Springs (7 ml W

Walpole), 10 ml Margaret R, Deepdene (Karridale)

McAlpine and Kim 1977

#### PYRGOTIDAE

*Frontalia genalis* Malloch

Glen Forrest

Paramonov 1958

#### MICROPEZIDAE

*Badisis ambulans* McAlpine

Near Warren R (10 km S Pemberton)

McAlpine 1990

#### HELEOMYZIDAE

*Diplogeomyza maculipennis* (Malloch)

Beedelup Falls

McAlpine 1967

*Tapeigaster fulva* Malloch

Pemberton

Paramonov 1955

*Tapeigaster nigricornis* (Macquart)

Darlington, E Jewel Cave, Porongurup NP

McAlpine and Kent 1982

*Tapeigaster paramonovi* McAlpine & Kent  
Darlington, 18 km SW Collie, 24 km S Mumballup,  
Warren R, (10 km SE Pemberton), Pemberton,  
Channybearup, Pimelia, 14 km W Pemberton, Mt  
Chudalup, Rest Point (Walpole), Walpole-Nornalup NP,  
Porongurup NP  
McAlpine and Kent 1982

AGROMYZIDAE

*Cerodontha poemyzina* (Spencer)  
Porongurup NP  
Spencer 1977

*Cerodontha milleri* Spencer  
Nannup, 24 km SW Nannup, Rainbow Trail (Pemberton),  
Rest Point (Walpole)  
Spencer 1977

*Fergusonina lockharti* Tonnoir  
Mundaring  
Currie 1937, Tonnoir 1937

*Melanagromyza seneciophila* Spencer  
Bridgetown, Porongurups  
Spencer 1977

*Melanagromyza variegata* Spencer  
Mt Chudalup, Porongurup NP, Augusta (1.6 km E Jewel  
Cave)  
Spencer 1977

*Ophiomyia fera* Spencer  
Mt Chudalup, Rest Point (Walpole), Circular Pool  
(Walpole-Nornalup NP)  
Spencer 1977

*Phytoliriomyza nigricans* Spencer  
Augusta (1.6 km E Jewel Cave)  
Spencer 1977

*Phytomyza anthoceridis* Spencer  
Mt Chudalup  
Spencer 1977

*Phytomyza clematidicolla* Spencer  
Pimelia, Mt Frankland, Porongurup NP, 5 ml SW Karridale  
Spencer 1977

*Phytomyza ranunculicaulis* Spencer  
Mt Chudalup, Porongurups  
Spencer 1977, Koch 1980

*Phytomyza vitalbae* Kaltenbach  
Channybearup (14 km N Pemberton), Pimelia, 17 km N  
Augusta  
Spencer 1977

EPHYDRIDAE

*Ephydrella acrostichalis* (Malloch)  
2 ml NW Margaret R, Margaret R, Crystal Springs (7 ml  
W Walpole), Porongurup NP (Bolganup dam)  
Bock 1987

*Hydrellia perplexa* Bock  
Circular Pool (Walpole-Nornalup NP)  
Bock 1990

*Hydrellia tritici* Coquillet  
Pemberton (9 ml W Beedelup Falls, Beedelup NP, 1.5 ml  
E), Crowea forest block, Warren NP, Warren R (6 ml SE  
Pemberton) Crystal Springs (7 ml N Walpole), 1 ml E  
Jewel Cave (Augusta)  
Bock 1990

*Hydrellia victoria* Cresson  
Walyunga NP, Serpentine Falls, Pemberton (9 ml E, 3 ml  
NE, 6 km SE), Treen Brook, Beedelup NP, Warren R (6 ml  
SE Pemberton), Warren NP, Margaret R, 8 ml S Margaret R  
Bock 1990

*Paralimna millepuncta* Malloch  
Walyunga NP  
Bock 1988

DROSOPHOLIDAE

*Drosophila collessi* Bock  
Map  
Parsons and Bock 1978

*Drosophila fuscithorax* Malloch  
Map  
1 ml E Jewel Cave (Augusta), Boranup, 2 ml W Karridale,  
3 ml SW Karridale, Pemberton, 9 ml W Pemberton, 6 ml  
SW Manjimup, 6 ml NW Walpole, 24 ml NW Walpole,  
Rest Point (Walpole), Nornalup, 5 ml E Nornalup, Valley  
of Giants, Mt Barker, Porongurup NP  
Bock 1976, Parsons and Bock 1978

*Drosophila grossfieldi* Bock  
Map  
Channybearup, 7 ml NE Pemberton, Pimelia, 9 ml W  
Pemberton, Nornalup, Walpole, Nornalup NP, 6 ml N  
Walpole, Porongurup NP  
Bock 1976, Parsons and Bock 1978

*Drosophila nicholsoni* Malloch  
Map  
Bridgetown, Pemberton, 3 ml NE Pimelia, Channybearup,  
Kojonup, Porongurup NP, 10 ml N Albany  
Bock 1976, Parsons and Bock 1978

*Scaptomyza australis* Malloch  
Pemberton, 7 ml S Pemberton  
Bock 1977

*Scaptomyza pallida* (Zetterstedt)  
Pemberton, 9 ml W Pemberton  
Bock 1977

CHLOROPIDAE

*Cadrema atriventris* Malloch  
Donnybrook  
Malloch 1940

*Chloromerus maculifemur* Malloch  
Margaret R, Warren R (9.7 km SE Pemberton),  
Porongurups  
Spencer 1986

*Chloromerus purus* Becker  
Porongurup NP  
Spencer 1986



*Collessimyia nigricornis* Spencer  
Mundaring  
Spencer 1986

*Diplotoxa sexta* Spencer  
Treen Brook (8 km W Pemberton)  
Spencer 1986

*Tricimba selachopina* Thomson  
Bridgetown  
Malloch 1927, Evenhuis 1989

#### MUSCIDAE

*Atherigona tibuseta* Malloch  
Pemberton, Margaret R  
Pont 1986

*Australophyra rostrata* Robineau-Desvoidy  
Bridgetown, Pemberton, 16 ml S Nannup, 5 ml NW  
Augusta  
Pont 1973

*Fannia australis* Malloch  
16 ml S Nannup, 5 ml W Pemberton (Treen Brook)  
Pont 1977a

*Gymnodia obliterated* (Malloch)  
Warren R (6 ml SE Pemberton)  
Pont 1977b

*Musca vetustissima* Walker  
Gleneagle, Bridgetown, Pemberton  
Pont 1973, Matthiessen 1983

*Prohardyia carinata* (Stein)  
Mt William, Deepdene  
Pont 1969

*Prohardyia pollinosa* (Malloch)  
7 ml S Pemberton  
Pont 1969

#### CALLIPHORIDAE

*Calliphora albifrontalis* Malloch  
Mundaring  
Malloch 1932

*Calliphora varifrons* Malloch  
Mundaring, East Brook (Pemberton)  
Malloch 1932, Kurahashi 1971, Evenhuis 1989

*Lucilia cuprina* (Wiedemann)  
Map  
Waterhouse and Paramonov 1950

*Lucilia sericata* (Meigen)  
Map  
Waterhouse and Paramonov 1950

*Metallea incisuralis* (Macquart)  
Kalamunda  
Dear 1977

*Stomorphina subapicalis* Macquart  
Kalamunda, Serpentine Falls, Collie  
Dear 1977

#### TACHINIDAE

*Carcelia* aff. *vicinalis* Cantrell  
Darlington  
Cantrell 1985c

*Chaetophthalmus collessi* Cantrell  
Yarragil 4P catchment (Dwellingup)  
Cantrell 1985a

*Chaetophthalmus dorsalis* (Malloch)  
Porongurups  
Cantrell 1985a

*Chaetophthalmus similis* (Walker)  
Darlington  
Cantrell 1985a

*Chrysopasta elegans* (Macquart)  
Darlington, Mundaring, Mundaring Weir, 16 ml NW  
Walpole, Denmark, 8 ml NNW Kojonup  
Malloch 1930, Paramonov 1968

*Cylindromyia bimacula* (Walker)  
Deepdene  
Cantrell 1984

*Cylindromyia brunnea* Malloch  
Porongurups  
Cantrell 1984

*Exorista flaviceps* Macquart  
Darlington  
Cantrell 1985b

*Formosiomima nigromaculata* (Malloch)  
Bridgetown  
Paramonov 1957a, Evenhuis 1989

*Prodiaphania cygnus* (Malloch)  
Hovea  
Paramonov 1968

*Prodiaphania funebris* Paramonov  
Kalamunda, Karragullen  
Paramonov 1968

*Prodiaphania georgei* Malloch  
Mundaring  
Malloch 1936, Crosskey 1973

*Quadra ornata* Malloch  
Quilergup  
Cantrell 1988

*Senostoma punctipenne* (Macquart)  
Mundaring  
Malloch 1930, Crosskey 1973

*Winthemia lateralis* (Macquart)  
Karridale  
Cantrell 1989

## TRICHOPTERA

### HYDROBIOSIDAE

*Apsilochorema urdatum* Neboiss  
Kalamunda, Harvey R (15 km E Harvey), Beedelup Falls,  
15 ml W Pemberton, Carey Brook (20 km W Pemberton),  
10 km W Walpole, Canterbury Brook (16 km E  
Northcliffe), Ellen Brook Falls (10 km Margaret R)  
Neboiss 1962, 1982, Bunn *et al.* 1986

*Taschorema pallescens* (Banks)  
12 ml E Harvey, Collie (21 km WSW, 25 km N),  
Pemberton, 15 ml W Pemberton, 11 km S Pemberton,  
Warren R (7 km S Pemberton), Carey Brook, Beedelup  
Falls, 8 ml S Margaret R, Deepdene, Nornalup, 15 ml NW  
Walpole, Frankland R (6 km NE Walpole), Deep R (10 km  
W Walpole),  
Mosely and Kimmins 1953, Neboiss 1962, 1982, Bunn *et al.* 1986

### HYDROPTILIDAE

*Acritoptila globosa* Wells  
Wungong Brook, Harvey Falls  
Wells 1982, 1985, Bunn *et al.* 1986

*Acritoptila margaretae* Wells  
Wungong Brook, N Dandalup R, Harvey Falls  
Wells 1982, 1985, Bunn *et al.* 1986

*Hellyethira litua* Wells  
Walyunga NP, John Forrest NP, Kalamunda, Serpentine  
Falls, Harvey R, Blackwood R (Rocky Isle Falls),  
Beedelup Falls, Warren R (7 km S Pemberton), Warren NP,  
Frankland R (6 km NE Walpole), Deep R (10 km W  
Walpole), Margaret R (25 km S Busselton at Rapids  
crossing), Ellen Brook Falls  
Neboiss 1982, Wells 1985

*Hellyethira malleoforma* Wells  
Walyunga NP, John Forrest NP, Kalamunda, Harvey R,  
Margaret R (25 km S Busselton at Rapids crossing)  
Neboiss 1982, Wells 1985

*Hydroptila losida* Mosely  
John Forrest NP, Walyunga NP, Kalamunda, Serpentine  
Falls, Harvey R, Blackwood R (Rocky Isle Falls),  
Beedelup Falls, Warren R (7 km S Pemberton), Warren NP,  
Frankland R (6 km NE Walpole), Margaret R (25 km S  
Busselton at Rapids crossing)  
Neboiss 1982, Wells 1985

*Maydenoptila baynesi* Wells  
Marrinup Brook (Pinjarra-Dwellingup Road)  
Wells 1983, 1985

*Oxyethira brevis* Wells  
Beedelup Falls  
Neboiss 1982

*Oxyethira retracta* Wells  
John Forrest NP, Chidlow, Kalamunda, Wungong Brook,  
Serpentine Falls, N Dandalup R, Harvey R (15 km E  
Harvey), 25 km S Busselton, Margaret R (Rapids  
crossing).  
Neboiss 1982, Wells 1981, 1985, Bunn *et al.* 1986

### PHILOPOTAMIDAE

*Hydrobiosella amblyopia* Neboiss  
Beedelup Falls, 24 km W Pemberton, 11 km S Pemberton  
Neboiss 1982

*Hydrobiosella michaelsoni* (Ulmer)  
Wungong Brook, N Dandalup R, Harvey R, Beedelup  
Falls, Margaret R (16 km S Busselton)  
Neboiss 1982, Bunn *et al.* 1986

### HYDROPSYCHIDAE

*Cheumatopsyche modica* (McLachlan)  
John Forrest NP, Serpentine Falls, Beedelup Falls,  
Blackwood R (Rocky Isle Falls), Margaret R (25 km S  
Busselton)  
Neboiss 1982, Bunn *et al.* 1986

*Smicrophylax australis* (Ulmer)  
John Forrest NP, Wungong Brook, Jarrahdale, N Dandalup  
R, Harvey Falls, Cascades (Pemberton), Pemberton,  
Beedelup Falls, Warren R (7 km S Pemberton), Canterbury  
Brook, Warren NP, Ellen Brook Falls, Deepdene,  
Blackwood R (Rocky Isle Falls)  
Ulmer 1908, Mosely and Kimmins 1953, Neboiss 1982,  
Bunn *et al.* 1986

### POLYCENTROPODIDAE

*Adectophylax volutus* Neboiss  
Harvey Falls, 24 km NW Walpole  
Neboiss 1982

*Plectrocnemia eximia* Neboiss  
Harvey Falls, 10 km W Walpole, 6 km NE Walpole  
Neboiss 1982

### ECNOMIDAE

*Ecnomina merga* Neboiss  
Warren NP, Pemberton, 6 km NE Walpole, Blackwood R  
(Sues Bridge)  
Neboiss 1982

*Ecnomina mesembria* Neboiss  
Harvey R, Canterbury Brook (16 km E Northcliffe), Ellen  
Brook Falls (10 km NW Margaret R)  
Neboiss 1982

*Ecnomina scindens* Neboiss  
Harvey Falls, Beedelup  
Falls, 24 km NW Walpole, 6 km NE Walpole  
Neboiss 1982

*Ecnomina sentosa* Neboiss  
Harvey R, Canterbury Brook (16 km NE Walpole), 10 km  
W Walpole, Blackwood R (Sues Bridge)  
Neboiss 1982

*Ecnomina trulla* Neboiss

Napier Ck (22 km NE Albany)

Neboiss 1982

*Ecnomina viatica* Neboiss

25 km NW Walpole, Margaret R (25 km S Busselton)

Neboiss 1982

*Ecnomus pansus* Neboiss

Walyunga NP, John Forrest NP, Kalamunda, Serpentine Falls, Blackwood R, Warren R (7 km S Pemberton), Beedelup Falls, Frankland R (6 km NE Walpole)

Neboiss 1982, Cartwright 1990

*Ecnomus turgidus* Neboiss

Map

Walyunga NP, John Forrest NP, Serpentine Falls, Harvey R, Warren R (7 km S Pemberton), Warren NP, Frankland R (6 km NE Walpole), Margaret (25 km S Busselton)

Neboiss 1982, Cartwright 1990

## PLECTROTARSIDAE

*Plectrotarsus minor* Mosely

16 km E Nornalup

Neboiss 1982

## PHILORHEITHRIDAE

*Kosrheithrus boorarus* Neboiss

Canterbury Brook

Neboiss 1982

## LEPTOCERIDAE

*Condocerus aptus* Neboiss

Kalamunda, Harvey Falls (15 km E Harvey), 19 km E Harvey, 25 km S Nannup, Beedelup Falls, Warren R (7 km S Pemberton), Carey Brook, Canterbury Brook, 24 km NW Walpole

Neboiss 1982, Bunn *et al.* 1986*Lectrides parilis* Neboiss

Kalamunda, Serpentine Falls, Harvey R (19 km E Harvey), Collie, 11 km S Pemberton, 19 and 24 km W Pemberton, Beedelup Falls, Warren R (7 km S Pemberton), Warren NP, Carey Brook, Canterbury Brook, Walpole, 16 km E Nornalup, Margaret R, 6 km W Margaret R, Ellen Brook Falls, Deepdene

Neboiss 1982, Bunn *et al.* 1986*Notalina delicatula* Ulmer

Mt Helena, Serpentine Falls, Harvey R, Carey Brook, Beedelup Falls, Canterbury Brook, 24 km NW Walpole, 6 km NE Walpole, 10 km W Walpole

Ulmer 1908, Mosely 1936, Mosely and Kimmins 1953, Neboiss 1982

*Notalina dwellinga* Neboiss

Marrinup Brook (7 km W Dwellingup)

Neboiss 1982

*Notalina flava* (Ulmer)

Wooroloo, Serpentine Falls, Harvey R (15 km E Harvey), Deep R (10 km W Walpole)

Ulmer 1908, Mosely and Kimmins 1953, Koch 1980, Neboiss 1982

*Notalina fulva* Kimmins

Walyunga NP, John Forrest NP, Wooroloo, Serpentine Falls, Harvey R (15 km E Harvey), 24 km W Pemberton, 24 km NW Walpole, Frankland R (16 km NE Walpole, 16 km E Nornalup, Margaret R (25 km S Busselton)

Neboiss 1982, Bunn *et al.* 1986*Notalina pseudodelicata* Neboiss

Warren NP, Frankland R (6 km NE Walpole), Margaret R (25 km S Busselton), Blackwood R (Alexander Bridge)

Neboiss 1982

*Notoperata tenax* Neboiss

Canterbury Brook

Neboiss 1982, Bunn *et al.* 1986*Oecetis cymula* Neboiss

Harvey R Falls, Beedelup Falls (16 km W Pemberton), Frankland R (6 km NE Walpole), 24 km NW Walpole, Margaret R (25 km S Busselton)

Neboiss 1982

*Oecetis inscripta* Kimmins

Blackwood R (Rocky Isles Falls)

Neboiss 1982

*Oecetis laustra* Mosely

Walyunga NP, John Forrest NP, Frankland R (6 km NE Walpole), Nornalup

Neboiss 1982

*Oecetis pechana* Mosely

Walyunga NP, John Forrest NP, Wooroloo, Kalamunda, Stoneville, Serpentine Falls, Harvey R Falls, Beedelup Falls, Canterbury Brook, Frankland R (6 km NE Walpole), Margaret R (25 km S Busselton), Ellen Brook Falls, Deepdene, Napier Creek

Neboiss 1982

*Oecetis walpolica* Neboiss

Walyunga NP, John Forrest NP, Serpentine Falls, Warren NP, Warren R (7 km S Pemberton, Beedelup Falls, Deep R (10 km W Walpole), Frankland R (6 km NE Walpole), Blackwood R, (Rocky Isle Falls), Margaret R (25 km S Busselton)

Neboiss 1982

*Symphitoneuria wheeleri* Banks

Harvey R (19 km E Harvey), 24 km NW Walpole, 16 km E Nornalup

Neboiss 1982

*Triaenodus jubatus* Neboiss

Serpentine Falls, Blackwood R (Rocky Isle Falls)

Neboiss 1982

*Triplectides australis* Navás

Walyunga NP, John Forrest NP, Serpentine Falls, Harvey R, 25 km N Collie, 6 km NE Walpole, Margaret R (24 km S Busselton)

Neboiss 1982

*Triplectides entthesis* Neboiss

Beedelup Falls

Neboiss 1982

**LEPIDOPTERA**

**HEPIALIDAE**

*Abantiades albofasciatus* (Swinhoe)

Kojonup

ANIC

*Abantiades hydrographus* (Felder)

13 ml WSW and 16 ml N Collie, 16 ml SE Donnybrook, Bridgetown, 5 ml N Nannup, 5 ml NW Augusta.

ANIC

*Abantiades ocellatus* (Tindale)

13 ml WSW Collie, Pemberton, Carey Brook, 7 ml S Pemberton, Denmark, 4 ml W Margaret R, 5 ml NW and 19 ml N Augusta.

Tindale 1932, Edwards, pers. comm., ANIC

*Aenetus dulcis* (Swinhoe)

14 km SW/W Donnybrook, Pemberton, Manjimup, 2 km WSW Bow R Bridge, Denmark, Deepdene, Karridale, Alexander Bridge

ANIC, CALM

*Aenetus scriptus* (Scott)

16 ml N Collie, 7 ml S Pemberton, Denmark

ANIC

*Fraus basicornis* Nielsen & Kristensen

Bakers Hill

Nielsen and Kristensen 1989

*Fraus distispina* Nielsen & Kristensen

4 km NE Gracetown, 2 km WSW Bow R Bridge

Nielsen and Kristensen 1989

*Fraus furcata* Nielsen & Kristensen

26 km N Collie, 38 km NE Karridale, 28 km NE Karridale (Gomm Spring)

Nielsen and Kristensen 1989

*Fraus mediaspina* Nielsen & Kristensen

Donnybrook, Bridgetown, 11 km S Pemberton

Nielsen and Kristensen 1989

*Fraus pilosa* Nielsen & Kristensen

12 km SW Donnybrook, Blackwood R, Alexander Bridge, 24 km S Nannup, Deepdene (Karridale)

Nielsen and Kristensen 1989

*Fraus pteromela* (Lower)

3 km SW Donnybrook, 38 km NE Karridale, 28 km NE Karridale (Gomm Spring), 4 km NE Gracetown

Nielsen and Kristensen 1989

*Fraus quadrangula* Nielsen & Kristensen

Darlington, 26 km N Collie, 14 km SW/W Donnybrook, Mt Barker

Nielsen and Kristensen 1989, ANIC

*Fraus serrata* Nielsen & Kristensen

28 km NE Karridale (Gomm Spring), 2 km WSW Bow R Bridge, 7 km N Kent R Bridge

Nielsen and Kristensen 1989

*Oxycanus kochi* Tindale

near Bow R Bridge

ANIC

*Oxycanus occidentalis* Tindale

Mundaring, Kalamunda, 23 km N Collie, Collie, 14 km SW/W Donnybrook, 10 km SW Pemberton, near Bow R Bridge, near Kent R Bridge

Tindale 1935, ANIC

*Oxycanus perditus* Tindale

Bakers Hill, Kojonup

ANIC

*Oxycanus poeticus* Tindale

10 km SW Pemberton, near Bow R Bridge

ANIC

*Oxycanus promiscuus* Tindale

near Bow R Bridge, Porongurup Range

ANIC

**INCURVARIIDAE**

*Perthida glyphopa* Common

Map

Common 1969, Jenkins and Curry 1971, Curry 1972, n.d., Mazanec 1974, 1978, 1980, 1985, Abbott 1985

**PSYCHIDAE**

*Lomera pantosemna* (Turner)

Grimwade, 2 ml W Barlee Brook, 15 km NW Walpole, 10 ml NE Albany

Jenkins and Curry 1971, Edwards, pers. comm., CALM, ANIC

*Lomera xanthochrysa* (Meyrick & Lower)

Pipe Head dam, 19 ml ENE Perth, 12 km SW Donnybrook, Tallanalla, 15 ml S Nannup, 15 ml NW Walpole, Walpole, 10 ml NE Albany, Margaret R, Deepdene

Jenkins and Curry 1971, Edwards, pers. comm, ANIC

**TINEIDAE**

*Scieropepla monoides* Turner

Bridgetown

Turner 1906

**GLYPHIPTERIGIDAE**

*Sagalassa conspersa* Turner

Mt Dale

Turner 1941b

**OECOPHORIDAE**

*Baryzancla dysclyta* Turner

Kalamunda

Turner 1933

*Baryzancla ithygramma* Turner

Mt Dale

Turner 1933

*Blacophanes pallida* Turner

10 ml S Bridgetown, Nannup

Common 1964

*Borkhausenia basileuca* Turner  
Mt Dale  
Turner 1933

*Borkhausenia butyrea* Turner  
Kalamunda  
Turner 1935a

*Borkhausenia glypsodes* Turner  
Kalamunda  
Turner 1933

*Celeophracta hyperphana* Turner  
Mundaring  
Turner 1935a

*Coesyra chrysoptera* Turner  
Kalamunda  
Turner 1940

*Coesyra leucanepsia* Turner  
Kalamunda  
Turner 1940

*Cormotypa dolopis* Turner  
Kalamunda  
Turner 1941a

*Cormotypa tetrasticha* Turner  
Kalamunda  
Turner 1944b

*Cryptolechia irobela* Turner  
Kalamunda  
Turner 1947

*Elaeonoma citritis* Turner  
Mundaring  
Turner 1935b

*Elaeonoma phaulostola* Turner  
Kalamunda  
Turner 1935b

*Enchocrates phaedyntis* Meyrick  
Collie  
Turner 1947

*Eulechria amolgaea* Turner  
Kalamunda  
Turner 1938b

*Eulechria epichrista* Turner  
Kalamunda  
Turner 1937

*Eulechria ichneuta* Meyrick  
Mt Dale  
Turner 1938b

*Eulechria scioides* Turner  
Mundaring  
Turner 1937

*Leptocera clepsiphanes* Turner  
Mundaring  
Turner 1933

*Machimia nephospila* Turner  
Kalamunda  
Turner 1945

*Machimia oncospila* Turner  
Kalamunda  
Turner 1945

*Macronemata analoptera* Turner  
Mundaring  
Turner 1935c

*Myrascia cremantis* (Meyrick)  
Kalamunda  
Common 1977

*Myrascia interlineatella* (Walker)  
Nornalup, Karridale  
Common 1977

*Myrascia subductella* (Walker)  
Karridale  
Common 1977

*Ocystola cyphomochla* Turner  
Kalamunda  
Turner 1941a

*Ocystola homoxantha* Turner  
Kalamunda  
Turner 1944b

*Ocystola leucostemma* Turner  
Kalamunda  
Turner 1941a

*Oecophora hilaropa* Meyrick  
Greenmount  
Meyrick 1888

*Philetus megalospila* Turner  
Tallanalla, 15 ml S Nannup  
Common 1964

*Tanyzancla argutella* Zel.  
Mt Barker  
Turner 1941a

*Tanyzancla baeotypa* Turner  
Kalamunda  
Turner 1944b

*Thalamarchella alveola* (Felder & Rogenhöfer)  
Tallanalla  
Common 1964

*Thalamarchella robinsoni* Common  
Kalamunda  
Common 1964

*Thudaca campylota* Meyrick  
Bridgetown, Nornalup  
Turner 1947

#### COSSIDAE

*Archaeoses polygrapha* Lower  
Deepdene  
ANIC

*Culama australis*

Dwellingup  
CALM

*Xyleutes cinereus* Turner

Manjimup  
CALM, Edwards, pers. comm.

*Xyleutes coscinopa* Lower

Kalamunda  
ANIC

*Xyleutes lichenaea* Roths

Quilergup, Manjimup, Pemberton  
CALM, Edwards, pers. comm.

*Xyleutes vittata* Walker

Bridgetown  
Turner 1944a

TORTRICIDAE

*Acroclita commatica* Turner

Collie  
Turner 1946b

*Arotrophora anemarcha* (Lower)

30 ml SE Perth, Tallanalla, 10 ml S Bridgetown, 15 ml S  
Nannup, 15 ml NW Walpole  
Common 1963

*Arotrophora arcuatalis* (Walker)

Bridgetown, Porongurups  
Meyrick 1910, Common 1963

*Arotrophora diadela* Common

8 ml NW Nornalup  
Common 1963

*Eucosma anisospila* Turner

Kalamunda  
Turner 1946b

*Palaeotoma styphelana* Meyrick

8 ml NW Nornalup  
Common 1965

*Paraphyas callixena* Turner

Denmark  
Common 1963

*Parastranga macrogona* Meyrick

8 ml SW Pemberton, 15 ml NW Walpole, Denmark,  
Porongurups, 10 ml NE Porongurups  
Common 1963

*Peraglyphis atherista* Common

Kalamunda  
Common 1963

*Spilonota brachytycha* Turner

Mt Dale  
Turner 1946b

*Spilonota tornosema* Turner

Mt Dale  
Turner 1946b

*Tortrix divulsana* Walker

Bridgetown  
Meyrick 1910

*Tortrix haplophanes* Turner

Mundaring  
Turner 1925

CASTNIIDAE

*Synemon directa* Westwood

'Darling Ranges'  
Lower 1905, Edwards, pers. comm.

ZYGAENIDAE

*Hestiochora tricolor* Meyrick

Mt Dale  
Turner 1926b

*Pollaniscus amethystinus* (Meyrick)

Mt Dale  
Turner 1926b

LIMACODIDAE

*Doratifera oxleyi* (Newman)

Bakers Hill, 14 km SW/W Donnybrook, Gomm Spring (28  
km EN Karridale), 7 km N Kent R Bridge, Kojonup,  
Porongurup NP, 4 km NE/E Gracetown, 2 km WN Jewel  
Cave (Deepdene)  
ANIC

*Doratifera quadriguttata* Walker

15 km N Manjimup, Netic block, Yornup block, Mersea  
block, Wheatley block, Graphite block, Coonan block,  
Corbal block, Cardac block, Yeticup block, Dwalgan  
block, Palgarrup block, Yendicup block, Dingup block,  
Meribup block, Poole block, Poorginup block, Thomson  
block, Boyicup block, Kin Kin block, Yackelup block,  
Brockman block, Talling block  
CALM

*Doratifera vulnerans* (Lewin)

Dwellingup, Manjimup  
CALM

CARPOSINIDAE

*Carposina chaetolopha* Turner

Mundaring  
Turner 1926a

PYRALIDAE

*Hednota ancylosticha* Koch

Roleystone, Kojonup  
Koch 1966

*Hednota crypsichroa* Lower

Roleystone, Donnybrook, Kojonup  
Koch 1966

*Hednota dichospila* (Turner)

Kojonup  
Koch 1966

*Hednota hoplitella* (Meyrick)  
Kojonup  
Koch 1966

*Hednota icelomorpha* Turner  
Bridgetown  
Turner 1907, Koch 1966

*Hednota koojanensis* Koch  
Kojonup  
Koch 1966

*Hednota longipalpella* (Meyrick)  
Darlington, Roleystone, Kojonup  
Koch 1966

*Hednota panteucha* (Meyrick)  
Kojonup  
Koch 1966

*Hednota pedionoma* (Meyrick)  
Bridgetown, Kojonup  
Turner 1907, Koch 1966

*Hednota peripeuces* (Turner)  
Kojonup  
Koch 1966

*Hednota recurvella* (Walker)  
15 ml NW Walpole  
Koch 1966

*Hednota relatalis* (Walker)  
Kojonup  
Koch 1966

*Hednota tenuilineata* Koch  
Kojonup  
Koch 1966

*Hednota vittella* (Suederus)  
Mt Barker  
Koch 1966

#### GEOMETRIDAE

*Acidalia hypochra* Meyrick  
Mundaring  
Turner 1922a

*Acidalia rubraria* Dbld  
Bridgetown  
Turner 1922a

*Adeixis inostentata* (Walker)  
Bridgetown  
Turner 1930a

*Amelora anthracica* Lower  
'Darling Range'  
Lower 1905

*Arcina fulgorigera* Walker  
Mundaring  
Turner 1929b

*Boarmia leucanthes* Turner  
Normalup  
Turner 1946a

*Cathaemacta thermistis* (Lower)  
Collie  
Turner 1929b

*Chlenias basichorda* Turner  
7 ml S, 12 ml W and 2 km WN Pemberton, 2 km WSW  
Bow R Bridge, Porongurup NP, 2 km WN Jewel Cave  
(Deepdene), 4 km NE/E Gracetown  
ANIC

*Chlenias macrochorda* Turner  
23 km N Collie, 14 km SW/W Donnybrook, 7 km N Kent  
R Bridge  
ANIC

*Chlorocoma rhodocrossa* (Turner)  
Bridgetown  
Turner 1910

*Crypsiphona eremnopis* Turner  
Mt Barker  
Turner 1922a, Goldfinch 1929

*Dichromodes berthoudi* Prout  
Collie  
Turner 1930a

*Dichromodes leptozona* Turner  
Kalamunda  
Turner 1930a

*Dichromodes obtusata* (Walker)  
Bridgetown  
Turner 1930a

*Dichromodes peronalis* (Feld.)  
Mt Barker  
Turner 1930a

*Ecphyas holopsara* Turner  
Mt Dale  
Turner 1929b

*Euchloris rhodocrossa* Turner  
Bridgetown  
Turner 1906

*Idiodes apicata* Guenée  
Pimelia  
Pescott 1951

*Mnesampela arida* McQuillan  
Bakers Hill, 23 km N Collie, Donnybrook, 28 km EN  
Karridale  
ANIC

*Mnesampela privata* (Guenée)  
Darlington, Jarrahdale, 14 km SW/W Donnybrook,  
Bridgetown, Nannup, Manjimup, 10 km SW Pemberton,  
Deepdene  
Turner 1919, CALM, WADA, ANIC

*Nearcha staurotis* Meyrick  
Bridgetown  
Turner 1929b

*Nycterephes coracopa* Turner  
Bridgetown  
Turner 1906, 1919

*Plesanemma fucata* (Felder & Rogenhofer)  
Gooseberry Hill  
McQuillan 1984

*Poecilasthena oceanias* Meyrick  
Collie, Denmark  
Turner 1941b

*Prasinocyma semicrocea* Walker  
Pimelia  
Pescott 1951

*Taxeotis blechra* Turner  
Kalamunda  
Turner 1929b

*Taxeotis exsectaria* (Walker)  
Collie  
Turner 1929b

*Taxeotis thegalea* Turner  
Collie, Denmark, Mt Barker  
Turner 1938a

*Thalaina angulosa* Walker  
26 km N Collie, 21 km WSW Collie, 11 km S Pemberton,  
Kojonup  
McQuillan 1981

*Thalaina tetracлада* (Lower)  
Kojonup  
McQuillan 1981

#### HESPERIIDAE

*Anisynta sphenosema* (Meyrick & Lower)  
Map  
Common and Waterhouse 1981

*Antipodia atralba* (Tepper)  
John Forrest NP, Lesmurdie  
Map  
Common and Waterhouse 1981, Atkins 1984

*Exometoeca nycteris* Meyrick  
Map  
Common and Waterhouse 1981

*Hesperilla chrysotricha* (Meyrick & Lower)  
Map  
Common and Waterhouse 1981

*Hesperilla donnysa* Hewitson  
Map  
Common and Waterhouse 1981

*Mesodina halyzia* (Hewitson)  
Map  
Common and Waterhouse 1981

*Motasingha dirphia* (Hewitson)

Map  
Lesmurdie, John Forrest NP, Mundaring, Bedfordale,  
Kojonup  
Common and Waterhouse 1981, Moulds and Atkins 1986

*Motasingha trimaculata* (Tepper)  
Lesmurdie, Mundaring, Bedfordale, Kojonup  
Moulds and Atkins 1986

*Taractrocera papyria* (Boisduval)  
Map  
Common and Waterhouse 1981

*Trapezites sciron* Waterhouse & Lyell  
Map  
Common and Waterhouse 1981

#### PAPILIONIDAE

*Papilio demoleus* W S Macleay  
Map  
Kalamunda  
Dell 1977, Common and Waterhouse 1981

#### PIERIDAE

*Delias aganippe* (Donovan)  
Map  
Common and Waterhouse 1981

*Eurema smilax* (Donovan)  
Map  
Common and Waterhouse 1981

\**Pieris rapae* (L.)  
Map  
Kalamunda  
Jenkins 1946, Common and Waterhouse 1981

#### NYMPHALIDAE

*Danaus chrysippus* (Stoll)  
Map  
Common and Waterhouse 1981

\**Danaus plexippus* (Linnaeus)  
Kalamunda, Darlington, Glen Forrest, Helena Valley,  
Wellington Mill, Donnybrook, Argyle  
Koch 1971, 1973, Koch *et al.* 1977

*Geitoneura klugii* (Guérin-Méneville)  
Map  
Burns 1947, Common and Waterhouse 1981

*Geitoneura minyas* (Waterhouse & Lyell)  
Map  
Common and Waterhouse 1981

*Heteronympha merope* (Fab.)  
Map  
Common and Waterhouse 1981

*Junonia villida* (Godart)  
Map  
Common and Waterhouse 1981



*Vanessa itea* (Fab)

Map

Common and Waterhouse 1981

*Vanessa kershawi* (McCoy)

Map

Mundaring Weir, Wellington Dam

Watson 1956, Smithers 1974, Common and Waterhouse 1981, Edwards, pers. comm.

#### LYCAENIDAE

*Candalides acastus* (Cox)

Map

Common and Waterhouse 1981

*Candalides cyprotus* (Olfiff)

Map

Common and Waterhouse 1981

*Candalides heathi* (Cox)

Map

Burns 1947

*Candalides hyacinthinus* (Semper)

Map

Glen Forrest, Manjimup, Warren R (4 ml SE Pemberton), Karridale, Jewel Cave (Augusta), Porongurups  
Edwards and Kerr 1978, Common and Waterhouse 1981

*Hypochrysops ignitus* (Leach)

Map

Common and Waterhouse 1981

*Jalmenus icilius* Hewitson

Map

Common and Waterhouse 1981

*Jalmenus inous* Hewitson

Map

Common and Waterhouse 1981

*Lampides boeticus* (L.)

Map

Common and Waterhouse 1981

*Nacaduba biocellata* (C & R Felder)

Map

Common and Waterhouse 1981

*Neolucia agricola* (Westwood)

Map

Common and Waterhouse 1981

*Ogyris amaryllis* Hewitson

Map

Burns 1947, Common and Waterhouse 1981

*Ogyris idmo* Hewitson

Map

Common and Waterhouse 1981

*Theclinessthes miskini* (T P Lucas)

Map

Common and Waterhouse 1981

*Theclinessthes serpentata* (Herrich-Schäffer)

Map

Common and Waterhouse 1981

#### LASIOCAMPIDAE

*Diggleesia rufescens* Walker

Pimelia

Pescott 1951

#### ANTHELIDAE

*Munychryia pericylya* Common & McFarland

7 ml S Pemberton, 12 ml W Pemberton, Kojonup

Common and McFarland 1970

*Pterolocera amplicornis* Walker

Nannup

Turner 1921

#### CARTHAEIDAE

*Carthaea saturnioides* Walker

Collie

Turner 1930b

#### SATURNIDAE

*Opodiphthera helena* (White)

Mt Helena, Karragullen, Roleystone, Dwellingup, Preston R District, Donnybrook, 12 km SW Donnybrook, Bridgetown, Nannup, Manjimup, Pemberton, Crowea, Cardac block, Poole block, Poorginup block, Walpole, Nornalup, Denmark, Youngs, Margaret R, MacGregor block (Baudin), Deepdene  
CALM, WADA, ANIC

#### NOTODONTIDAE

*Antimima corystes* Turner

Collie

Turner 1931

*Discophlebia lipauges* Turner

Nannup

Turner 1917, 1922b, Koch 1980

*Ochrogaster lunifer* Herrich-Schaffer

Bakers Hill, Kalamunda, Tallanalla, Collie, Bridgetown, 15 ml S Nannup, Walpole, 15 ml NW Walpole, 8 ml NW Nornalup, Nornalup, Glen Lossie (Kojonup), Margaret R, Deepdene

Turner 1922b, Jenkins and Curry 1971, Abbott 1985, Van Schagen 1989, WADA, ANIC

*Oenosandra boisduvalii* Newman

Donnybrook, Bridgetown

Turner 1922b

#### LYMANTRIIDAE

*Acyphas semiochrea* (H.-Sch.)

Nannup, 15 ml S Nannup, Margaret R, Deepdene  
ANIC

*Teia athlophora* (Turner)

23 km N Collie, 14 km SW/W Donnybrook, Nannup,  
Pemberton, 10 km SW Pemberton, 1 km S Denmark,  
7 km N Kent R Bridge, Porongurup Range, 4 km NE/E  
Gracetown, Deepdene  
Jenkins and Curry 1971, Riotte 1979, Abbott 1985, ANIC

ARCTIIDAE

*Stenarcha stenopa* (Meyrick)

Mundaring  
Turner 1939

*Termessa amorphia* Turner

Mundaring  
Turner 1939

NOCTUIDAE

*Crypsiprora oostigma* Turner

Donnybrook  
Turner 1929a

*Donuca spectabilis*

Jarrahdale, Dwellingup, Del Park  
Benjamin 1984

*Heliothis punctigera* Wallengren

Map  
Darlington, Karragullen, Bridgetown, 10 ml S Bridgetown,  
Deepdene  
Common 1953, Abbott 1985, Zalucki *et al.* 1986, WADA,  
ANIC

*Spathoptila cyclophora* Turner

Margaret R, Nornalup, Denmark  
Turner 1943

*Thoracolopha pissonephra* Turner

Margaret R  
Turner 1938a

*Uraba lugens* Walker

Map  
Parkerville, 10 km N Williams, Williams - Collie Rd (S of  
Stockyard block), Shannon R, Denmark, Margaret R,  
Deepdene  
Turner 1943, Curry n.d., Jenkins and Curry 1971, Abbott  
1985

*Zia tactalis* Walker

Bridgetown  
Turner 1943

**HYMENOPTERA**

PERGIDAE

*Antiperga antiopa* Morice

Kalamunda, Hovea, 7 ml W Albany, Margaret R  
Morice 1918, ANIC, Austin, pers. comm.

*Lophyrotoma analis* (Costa)

Margaret R, Deepdene  
ANIC

*Perga brevitarsis* (Morice)

Boscabel  
WADA

*Perga brullei* Westwood

Deepdene  
ANIC

*Perga christii* (Westwood)

Donnybrook, Bridgetown  
WADA

*Perga klugii* Westwood

Deepdene  
ANIC

*Perga konowi* (Benson)

Bridgetown, Big Brook  
WADA

*Perga mayri* Westwood

2 ml NE Denmark  
ANIC

*Perga schiodtei* Westwood

Bakers Hill, Manjimup, Warren R  
Forsius 1927, ANIC, WADA

*Pergula turneri*

2 km NNW Crossman  
ANIC

\**Phylacteophaga froggatti* Riek

Mundaring, Donnybrook, Kirup, Manjimup  
Curry 1981a, CALM

*Pseudoperga lucida* Rohw

Boyup Brook  
ANIC

MEGALYRIDAE

*Megalyra fuscipennis* Westwood

Darlington, Manjimup (Pine Creek), Pemberton  
Shaw 1990, WADA

*Megalyra globula* Shaw

Mt Barker  
Shaw 1990

*Megalyra shuckardi* Westwood

Darlington, Donnybrook  
Shaw 1990

EVANIIDAE

*Evania sericans* Westwood

Kalamunda  
Turner 1918c

AULACIDAE

*Aulacostethus cingulatus* (Westwood)

Dwellingup, Nannup, Nyamup  
CALM

GASTERUPTIIDAE

*Gasteruption autumnale* (Turner)  
Kalamunda  
Turner 1918c, Houston, pers. comm.

*Gasteruption cylindricum* (Turner)  
Kalamunda  
Turner 1918c, Houston, pers. comm.

*Hyptiogaster floricola* Turner  
Kalamunda  
Turner 1918b, Crosskey 1953

ICHNEUMONIDAE

*Allocamptus bituberculatus* Szépligeti  
Serpentine  
Szépligeti 1908

*Casinaria hesperiophaga* Jerman & Gauld  
John Forrest NP  
Jerman and Gauld 1988

*Enicospilus amplipennis* (Morley)  
24 km W Pemberton, Nornalup  
Gauld 1977

*Enicospilus gardei* (Morley)  
24 km W Pemberton  
Gauld 1977

*Enicospilus pseudantennatus* Gauld  
24 km W Pemberton  
Gauld 1977

*Enicospilus pulkus* Gauld  
19 km W Pemberton, 8 km NW Augusta  
Gauld 1977

*Enicospilus skeltonii* (Kirby)  
Kojonup  
Gauld 1977

*Labium associatum* Turner & Waterston  
Mundaring Weir  
Turner and Waterston 1920

*Leptophion antennatus* (Morley)  
24 km NW Walpole  
Gauld 1977

*Megaceria opheltes* Szépligeti  
Donnybrook  
Szépligeti 1908

*Philogalleria hazelae* Fitton  
Hovea  
Fitton 1987

BRACONIDAE

*Ascogaster antennalis* Szépligeti  
Serpentine  
Szépligeti 1908

*Microdus rufithorax* Turner  
Kalamunda  
Turner 1918a

*Miropotes thuraris* Austin  
Crowea, Margaret R  
Austin 1990b

*Syngaster rubricepsis* (Shenefelt)  
Mundaring, Gooseberry Hill, Beraking, Jarrahdale,  
Dwellingup, Collie, Quininup  
CALM, Quicke 1991

DIAPRIIDAE

*Diphoropria collessi* Naumann  
Pimelia, 3 ml NE Pimelia, Channybearup, Walpole (Rest  
Point), Walpole-Nornalup NP, 3 ml SW Karridale  
Naumann 1982

*Diphoropria nigricans* (Dodd)  
3 ml NE Pimelia, Channybearup, Mt Frankland  
Naumann 1982

*Diphoropria tricarinata* Naumann  
9 ml W Pemberton, Channybearup  
Naumann 1982

MONOMACHIDAE

*Monomachus hesperius* Naumann  
Darlington, 14 km SW/S Donnybrook, 7 km N Kent R  
bridge  
Naumann 1985

PLATYGASTRIDAE

*Parabaeus abyssus* Austin  
Walpole-Nornalup NP  
Austin 1990a

SCELIONIDAE

*Trissolcus eetion* (Dodd)  
Map  
Johnson 1991

*Trissolcus egeria* (Dodd)  
Map  
Johnson 1991

CHALCIDIDAE

*Brachymeria schuberti* (Girault)  
Darlington  
Boucek 1988

PTEROMALIDAE

*Anepistenia vexans* Boucek  
16 km SE Pemberton  
Boucek 1988

*Enoggera nassaui* (Girault)  
John Forrest NP, Walpole-Nornalup NP, Porongurup NP  
Naumann 1991

*Enoggera reticulata* Naumann 1991  
Walpole-Nornalup NP, Porongurup NP  
Naumann 1991

*Enoggera sulcata* Naumann  
Walpole-Nornalup NP, 20 km N Denmark, Porongurup NP,  
Napier Creek (21 km NNE Albany)  
Naumann 1991

ENCYRTIDAE

*Psyllaephagus attenuatus* Riek  
Wandering  
Riek 1962

*Psyllaephagus westralis* Riek  
Bakers Hill  
Riek 1962

EULOPHIDAE

*Gattonia nigra* Boucek  
'Darlington Range'  
Boucek 1988

POMPILIDAE

*Apoclavelia aganippeae* Evans  
Hoffman's Mill  
Evans 1972

*Cteniziphontes protervus* (Turner)  
Kalamunda, Araluen  
Turner 1915a, Evans 1972

*Ctenostegus cinctus* Evans  
Kalamunda, Bannister  
Evans 1976

*Ctenostegus ouyen* Evans  
Mundaring Weir  
Evans 1976

*Ctenostegus spilotus* Evans  
Kalamunda  
Evans 1976

*Psoropempula erythrosethus* (Smith)  
Deepdene (Karridale)  
Evans 1974

*Turneromyia bassiana* (Turner)  
Glen Forrest  
Evans 1984

*Turneromyia melancholica* (Smith)  
Darlington, Bridgetown, Karridale  
Evans 1984

*Turneromyia vassei* (Turner)  
Kalamunda, Karridale  
Evans 1984

*Turneromyia venator* Evans  
Deepdene  
Evans 1984

MUTILLIDAE

*Ephutomorpha caeruleiceps* Turner  
Kalamunda  
Turner 1914b

TIPHIIDAE

*Asthenothynnus pleuralis* Turner  
Kalamunda  
Turner 1915a

*Doratithynnus bidentatus* (Smith)  
Collie, Beelerup, Donnybrook, Wilga  
Brown 1989a

*Eirone ferrugineicornis* Turner  
Kalamunda  
Turner 1915a

*Encopothynnus spinulosus* Turner  
Kalamunda, Collie  
Turner 1915a, Brown 1989b

*Gymnothynnus carissimus* Turner  
Kalamunda  
Turner 1915a

SCOLIIDAE

*Anthobosca clypeata* Smith  
Warren R  
Turner 1915a

VESPIDAE

*Australozethus occidentalis* Giordani Soika  
Mundaring  
Cardale 1985

*Bidentodynerus bicolor* (Saussure)  
Kalamunda  
Cardale 1985

*Paragia tricolor* Smith  
Noble Falls (Wooroloo Brook)  
Houston 1984

*Paralastor ignotus* Perkins  
Kalamunda  
Cardale 1985

*Stenodyneriellus yanchepensis* Giordani Soika  
Kalamunda  
Cardale 1985

FORMICIDAE

MYRMECIINAE

*Myrmecia analis* Mayr  
Walpole  
Clark 1951

*Myrmecia chasei* Forel  
Mundaring, Mt Dale, Bridgetown  
Clark 1943, 1951, Majer 1980b

*Myrmecia clarki* Crawley  
Mundaring Weir, Yanmah, Perup  
Crawley 1922a, Clark 1943, 1951

*Myrmecia elegans* (Clark)  
Hovea, Mundaring, Mt Dale  
Clark 1943, 1951, Taylor and Brown 1985

- Myrmecia infima* Forel  
Denmark  
Clark 1951, Taylor and Brown 1985
- Myrmecia mandibularis* Smith  
Mundaring, Collie, Pemberton  
Clark 1943, 1951, Taylor and Brown 1985
- Myrmecia michaelsoni* Forel  
Mundaring, Bridgetown, Perup, Nornalup  
Clark 1943, 1951
- Myrmecia nigra* Forel  
Darlington, Strathams, Manjimup, Pemberton, Northcliffe  
Clark 1943, 1951
- Myrmecia nigriceps* Mayr  
Mundaring, Mt Barker, Gooseberry Hill, Jarrahdale,  
Serpentine, Bridgetown, Torbay  
Forel 1907, Clark 1951
- Myrmecia pavida* Clark  
Mt Barker  
Clark 1951
- Myrmecia picta* (F. Smith)  
John Forrest NP, Mundaring  
Clark 1934a, 1951
- Myrmecia pilosula* F Smith  
Mundaring  
Clark 1943, 1951
- Myrmecia regularis* Crawley  
Manjimup, Pemberton, Nornalup  
Clark 1951
- Myrmecia rugosa* Wheeler  
Mundaring, Yanmah, Witchcliffe  
Clark 1951, Taylor and Brown 1985
- Myrmecia swalei* Crawley  
Mundaring, Serpentine R  
Clark 1943, 1951
- Myrmecia tepperi* Emery  
Mundaring  
Clark 1943, 1951
- Myrmecia vindex* Smith  
'Widely distributed from Perth to Albany'  
Clarke 1951
- Myrmecia urens* Lowne  
30 km W/SW Kojonup  
Majer 1980b
- PONERINAE
- Amblyopone australis* Erichson  
Mt William area, Worsley, Bridgetown  
Forel 1907, Majer 1980a, 1985
- Amblyopone michaelsoni* Forel  
Jarrahdale  
Forel 1907, Clark 1928
- Brachyponera lutea* (Mayr)  
Mt Helena, Mundaring Weir, Canning Dam, Jarrahdale,  
Del Park, Holyoak, Mt William area, Worsley,  
Donnybrook, 30 km W/SW Kojonup  
Forel 1907, Majer 1977, 1980a,b, 1985, Majer *et al.* 1984,  
Rossbach and Majer 1983, Woodroff and Majer 1981
- Cerapachys angustatus* (Clark)  
John Forrest NP  
Clark 1924, Taylor and Brown 1985
- Cerapachys clarki* (Crawley)  
Darlington  
Crawley 1922a, Taylor and Brown 1985
- Cerapachys fervidus* (Wheeler)  
Mundaring  
Clark 1923, Taylor and Brown 1985
- Cerapachys flammeus* (Clark)  
Lesmurdie Falls  
Clark 1931, Taylor and Brown 1985
- Cerapachys gilesi* (Clark)  
Mundaring  
Clark 1923, Taylor and Brown 1985
- Cerapachys incontentus* Brown  
John Forrest NP  
Clark 1924, Taylor and Brown 1985
- Cerapachys latus* Brown  
John Forrest NP  
Clark 1926, Taylor and Brown 1985
- Cerapachys nigriventris* (Clark)  
John Forrest NP  
Clark 1924, Taylor and Brown 1985
- Cerapachys princeps* (Clark)  
John Forrest NP, Kalamunda, Mundaring  
Clark 1931, Taylor and Brown 1985
- Cerapachys punctatissimus* (Clark)  
Mundaring  
Clark 1923, Taylor and Brown 1985
- Cerapachys ruficornis* (Clark)  
Mundaring  
Clark 1923, Taylor and Brown 1985
- Cerapachys simmonsae* (Clark)  
Mundaring  
Clark 1923, Taylor and Brown 1985
- Cerapachys varians* (Clark)  
Mt Helena  
Clark 1924, Taylor and Brown 1985
- Discothyrea crassicornis* Clark  
Manjimup  
Clark 1926
- Heteroponera imbellis* (Emery)  
John Forrest NP, Amphion, Worsley, 30 km W/SW  
Kojonup  
Majer 1977, 1980b, 1985, Taylor and Brown 1985

- Leptogenys neutralis* Forel  
Mundaring Weir, Pickering Bk  
Forel 1907, Crawley 1922a
- Platythyrea micans* (Clark)  
Mundaring  
Clark 1931, Taylor and Brown 1985
- Rhytidoponera convexa* Mayr  
'Widely distributed from Geraldton to Bunbury and eastward to Northam' Wooroloo, Mt Helena, Mundaring Weir, Jarrahdale  
Forel 1907, Clark 1936
- Rhytidoponera foveolata* Crawley  
Mundaring  
Clark 1936
- Rhytidoponera inornata* Crawley  
Canning Dam, Jarrahdale, Del Park, Amphion, Plavins, Holyoak, Mt William area, Worsley, 30 km W/SW Kojonup  
Majer 1977, 1980a,b, 1985, Majer *et al.* 1984, Rossbach and Majer 1983, Woodroff and Majer 1981
- Rhytidoponera metallica* (Smith)  
Wooroloo, Darlington, Mt Helena, Mundaring, Serpentine, Bridgetown, Manjimup  
Forel 1907, Crawley 1922a, 1925
- Rhytidoponera punctata* (Smith)  
Jarrahdale  
Forel 1907
- Rhytidoponera punctigera* Crawley  
Manjimup  
Crawley 1925,
- Rhytidoponera rufonigra* Clark  
Mundaring  
Clark 1934b, 1936
- Rhytidoponera violacea* (Forel)  
Mundaring, Canning Dam, Jarrahdale, Del Park, Plavins, Holyoak, Mt William area, Worsley, 30 km W/SW Kojonup  
Forel 1907, 1915, Majer 1977, 1980a,b, 1985, Majer *et al.* 1984, Rossbach and Majer 1983, Woodroff and Majer 1981
- Sphinctomyrmex imbecilis* Clark  
Mundaring, Mt Helena, Collie  
Forel 1907, Clark 1923, 1931, Taylor and Brown 1985
- Sphinctomyrmex occidentalis* (Clark)  
Mundaring, Mt William area  
Clark 1923, Majer 1980a, Taylor and Brown 1985
- Trachymesopus rufonigra* (Clark)  
Jarrahdale, Del Park, Plavins, Mt William area, Worsley  
Clark 1934b, Majer 1977, 1980a, 1985, Majer *et al.* 1984
- MYRMICINAE
- Adlerzia froggatti* (Forel)  
Mt William area, Worsley  
Majer 1980a, 1985
- Anisopheidole antipodum* (F. Smith)  
Gooseberry Hill, Mt Helena, Plavins, Mt William area, Worsley, Torbay  
Forel 1907, Majer 1977, 1980a, 1985, Taylor and Brown 1985
- Aphaenogaster barbigula* Wheeler  
Gooseberry Hill, 95 km peg for 26 km heading N (Albany Hwy)  
Wheeler 1916, McMillan 1977
- Aphaenogaster longiceps* (Smith)  
Gooseberry Hill  
Forel 1907, Taylor and Brown 1985
- Cardiocondyla nuda* (Mayr)  
Canning Dam, Jarrahdale, Del Park, Holyoak  
Majer 1977, Majer *et al.* 1984, Woodroff and Majer 1981
- Chelaner bicornis* (Forel)  
Gooseberry Hill  
Forel 1907, Taylor and Brown 1985
- Meranoplus ferrugineus* Crawley  
Serpentine R  
Crawley 1922a
- Meranoplus hirsutus* Crawley  
Parkerville  
Crawley 1922a
- Orectognathus clarki* Brown  
Porongurup Range  
Taylor 1979
- Pheidole ampla* Forel  
Gooseberry Hill  
Forel 1907
- Pheidole variabilis* Forel  
Jarrahdale, Del Park, Amphion, Holyoak, Mt William area, Worsley, 30 km W/SW Kojonup  
Majer 1977, 1980a,b, 1985, Majer *et al.* 1984, Rossbach and Majer 1983, Taylor and Brown 1985
- Strumigenys perplexa* (Smith)  
Mt William area  
Majer 1980a
- Strumigenys quinquedentata* Crawley  
Manjimup  
Brown and Taylor 1985
- Tetramorium bicarinatum* (Nylander)  
Mt William area  
Majer 1980a, Rossbach and Majer 1983
- DOLICHODERINAE
- Bothriomyrmex flavus* Crawley  
Mundaring Weir  
Crawley 1922b
- Dolichoderus formosus* Clark  
Mundaring, Mt Dale  
Clark 1930

*Dolichoderus ypsilon* Forel

'Widely distributed in the SW corner'  
Gooseberry Hill, Mt Helena, Mundaring  
Forel 1907, Clark 1930

*Iridomyrmex agilis* Forel

Jarrahdale, Del Park, Mt William area  
Majer 1980a, Majer *et al.* 1984, Rossbach and Majer 1983

*Iridomyrmex bicknelli* Emery

Mundaring Weir, Mt Helena, Jarrahdale, Donnybrook  
Forel 1907, Scott 1974

*Iridomyrmex conifer* Forel

Canning dam, Mt Helena, Jarrahdale, Del Park, Amphion,  
Plavins, Holyoak, Mt William area, Worsley  
Forel 1907, Majer 1977, 1980a,b, 1985, Majer *et al.* 1984,  
Woodroff and Majer 1981

*Iridomyrmex darwinianus* (Forel)

Pickering Bk, Jarrahdale, Del Park, Amphion, Plavins, Mt  
William area, Worsley, Collie, Donnybrook, Bridgetown,  
30 km W/SW Kojonup  
Forel 1907, Majer 1977, 1980a,b, 1985, Majer *et al.* 1984,  
Taylor and Brown 1985

*Iridomyrmex discors* Forel

Jarrahdale  
Scott 1974

*Iridomyrmex glaber* (Mayr)

Jarrahdale, Del Park, Amphion, Plavins, Mt William area,  
Worsley, 30 km W/SW Kojonup  
Majer 1977, 1980a,b, 1985, Majer *et al.* 1984

*Iridomyrmex innocens* Forel

Mt Helena  
Forel 1907

*Iridomyrmex itinerans* (Lowne)

Torbay  
Forel 1907

*Iridomyrmex mattirolai* Emery

Donnybrook  
Forel 1907

*Iridomyrmex nitidus* Mayr

Worsley  
Majer 1985

*Iridomyrmex punctatissimus* Emery

Mt Helena  
Forel 1907

*Iridomyrmex purpureus* (F. Smith)

Map  
Canning Dam, Jarrahdale, Del Park, Holyoak, Mt William  
area, Worsley, 30 km W/SW Kojonup  
Forel 1915, Greaves 1971, Majer 1977, 1980a,b, 1985,  
Majer *et al.* 1984, Woodroff and Majer 1981

*Iridomyrmex rufoniger* (Lowne)

Woorloo  
Forel 1907

\**Linepithema humile* (Mayr)

Karridale  
P. Davis, pers. comm.

*Tapinoma minutum* Mayr

Donnybrook  
Forel 1907

FORMICINAE

*Camponotus chalceus* Crawley

Jarrahdale, Del Park, Mt William area  
Majer 1980a, Majer *et al.* 1984

*Camponotus cinereus* Mayr

Gooseberry Hill  
Forel 1907

*Camponotus claripes* Mayr

Mundaring Weir, Bridgetown  
Forel 1907, Crawley 1922b

*Camponotus maculatus* Forel

Woorloo, Mundaring Weir, Torbay  
Forel 1907

*Camponotus michaelsoni* Forel

Mundaring Weir, Gooseberry Hill, Pickering Brook,  
Jarrahdale, Del Park, Amphion, Plavins, Mt William area,  
Worsley, 30 km W/SW Kojonup  
Forel 1907, Majer 1977, 1980a,b, 1985, Majer *et al.* 1984

*Camponotus molossus* Forel

Serpentine  
Forel 1907

*Camponotus nigriceps* (Smith)

Gooseberry Hill, Mundaring Hill, Mt Helena, Pickering  
Brook, Jarrahdale, Lunenburg, Torbay  
Forel 1907

*Camponotus testaceipes* (Smith)

Gooseberry Hill, Mt Helena, Collie, Margaret R  
Forel 1907, Taylor and Brown 1985

*Notoncus gilberti* Forel

Mt William area, Worsley, 30 km W/SW Kojonup  
Majer 1980a,b, 1985

*Notoncus hickmani* Clark

Worsley, 30 km W/SW Kojonup  
Majer 1980b, 1985

*Notostigma sanguinea* Clark

Worsley  
Majer 1980b, 1985

*Prolasius reticulata* McAreavey

Mundaring  
McAreavey 1947

*Stigmacros aemula* (Forel)

Jarrahdale, Del Park, Mt William area, 30 km W/SW  
Kojonup  
Majer 1980a,b, Majer *et al.* 1984

*Stigmatocros brooksi* McAreavey  
Manjimup  
McAreavey 1957

*Stigmatocros flava* McAreavey  
Mundaring  
McAreavey 1957

*Stigmatocros glauerti* McAreavey  
Darlington  
McAreavey 1957

*Stigmatocros rectangularis* McAreavey  
Mundaring  
McAreavey 1957

SPHECIDAE

*Arpactophilus glabrellus* (Turner)  
Kalamunda  
Turner 1916b, Cardale 1985

*Austrogorytes cygnorum* (Turner)  
John Forrest NP  
Bohart 1984

*Austrogorytes tarsatus* (F Smith)  
6 miles E Darkan  
Bohart 1984

*Bembix flaviventris* Smith  
Map  
Evans and Matthews 1973

*Bembix furcata* Erichson  
Map  
Evans and Matthews 1973

*Bembix littoralis* Turner  
Map  
Evans and Matthews 1973

*Bembix marsupiata* Handlirsch  
Map  
Evans and Matthews 1973

*Bembix variabilis* Smith  
Map  
Evans and Matthews 1973

*Bembix vespiformis* Smith  
Map  
Kalamunda  
Turner 1915c, Evans and Matthews 1973

*Cerceris armigera* Turner  
Mundaring Weir  
Turner 1936

*Liris festinans* (Smith)  
Kalamunda  
Turner 1916e, Cardale 1985

*Pison erythrogastrum* Rohwer  
Kalamunda  
Turner 1916a

*Pison inconspicuum* Turner  
Mundaring Weir  
Turner 1916a

*Pison lutescens* Turner  
Mundaring Weir  
Turner 1916a

*Pison rufipes* Shuckard  
Kalamunda  
Turner 1916a

*Pison tibiale* Smith  
Kalamunda  
Turner 1916a, Cardale 1985

*Pison westwoodii* Shuckard  
Kalamunda  
Turner 1916a, Cardale 1985

*Podagritys imbelle* (Turner)  
near Nannup  
Cardale 1985

*Podagritys leptospermi* (Turner)  
Warren R  
Turner 1915b, Cardale 1985

*Sericophorus chalybaeus* Smith  
Kalamunda  
Turner 1914a

*Tachysphex depressiventris* Turner  
Mundaring Weir  
Turner 1916c, Pulawski 1977

*Tachysphex mackayensis* Turner  
Kalamunda, Mundaring Weir, Warren R (6 ml SE  
Pemberton)  
Pulawski 1977

*Tachysphex pacificus* Turner  
Kalamunda  
Pulawski 1977

*Tachysphex paucispina* Pulawski  
17 ml SE Nannup  
Pulawski 1977

*Tachysphex pilosulus* Turner  
Hovea, Kalamunda, Mundaring Weir, 27 ml SE Perth  
(Brookton Highway)  
Pulawski 1977

*Tachysphex puncticeps* Cameron  
Kalamunda, Serpentine Falls  
Pulawski 1977

*Tachysphex stimulator* Turner  
Kalamunda  
Pulawski 1977

*Tachysphex tenuis* Turner  
Kalamunda  
Pulawski 1977

*Tachysphex vardyi* Pulawski  
Kalamunda  
Pulawski 1977



*Tachytes mitis* Turner

Kalamunda  
Turner 1916d

*Williamsita manifestata* (Turner)

Kalamunda  
Turner 1915b, Cardale 1985

COLLETIDAE

*Brachyhesma perlutea* (Cockerell)

Greenmount, Kalamunda  
Exley 1968a, 1977

*Brachyhesma sulphurella* (Cockerell)

Kalamunda  
Cockerell 1916, Hacker 1921, Houston pers. comm.

*Euryglossa calaina* Exley

John Forrest NP  
Exley 1976

*Euryglossa calliopsiformis* Cockerell

Donnybrook - C Leeuwin  
Exley 1974

*Euryglossa cupreochalybea* Smith

12 ml N Margaret R on Yallingup Road  
Exley 1976

*Euryglossa flavopicta* Smith

Kalamunda  
Exley 1974

*Euryglossa halictiformis* Smith

Serpentine  
Alftken 1907

*Euryglossa perpulchra* Cockerell

Kalamunda  
Hacker 1921, Exley 1969b

*Euryglossa rubricata* Smith

Greenmount, Kalamunda, Darlington, Glen Forrest, Collie,  
Beelerup  
Exley 1976

*Euryglossina argocephala* Exley

Greenmount  
Exley 1968c

*Euryglossina hypochroma* Cockerell

Greenmount, Kalamunda, Donnybrook, Donnelly R  
crossing (Pemberton - Nannup Road), Heyde's Perup,  
Dingup, 4 ml S Northcliffe, 12 ml N Walpole (SW  
Highway), 3 miles N Bow Bridge, 6 ml E Yallingup  
Exley 1968c

*Euryglossina lynettae* (Rayment)

Donnelly R crossing (Pemberton - Nannup Road)  
Exley 1968c

*Euryglossina melanocephala* Exley

Greenmount  
Exley 1968c

*Euryglossina perpusilla* (Cockerell)

Greenmount, Kalamunda, Donnybrook, Donnelly R  
crossing (Pemberton - Nannup Road), Dingup, 6 ml E  
Yallingup  
Hacker 1921, Exley 1968c

*Euryglossina philoxantha* Cockerell

Kalamunda  
Exley 1968c

*Euryglossina pseudoatomaria* Exley

Greenmount, Donnybrook, 6 miles E Yallingup  
Exley 1968c

*Euryglossula fultoni* (Cockerell)

Greenmount  
Exley 1968b

*Hylaeus alcyoneus* (Erichson)

Bannister, Deepdene  
Houston 1981

*Hylaeus amicus* (Smith)

12 ml N Margaret R on Yallingup Road  
Houston 1981

*Hylaeus euxanthus* (Cockerell)

Donnybrook  
Houston 1981

*Hylaeus ruficeps* (Smith)

Greenmount, Glen Forrest, Kalamunda, Collie, Beelerup,  
Donnybrook  
Cockerell 1915, 1916, Hacker 1921, Houston 1981

*Hylaeus violaceus* (Smith)

Glen Forrest, Collie, Beelerup, Donnelly R crossing  
(Pemberton - Nannup Road), 4 and 8 ml S Northcliffe,  
12 ml N Margaret R on Yallingup Road  
Houston 1981

*Hyleoides zonalis* Smith

Mundaring, Mullalyup, Donnelly R crossing (Pemberton-  
Nannup Road), Balbarrup, Dingup, 4 ml S Northcliffe,  
3 ml E Nornalup, 6 ml E Yallingup, 12 ml N Margaret R on  
Yallingup Road  
Houston 1975

*Hyphesma atromicans* (Cockerell)

Great Eastern Highway (Greenmount), Kalamunda,  
Mundaring Weir, Donnelly R crossing (Pemberton -  
Nannup Road), 6 ml E Yallingup  
Exley 1975

*Leioproctus advena* (Smith)

Serpentine  
Alftken 1907, Houston pers. comm.

*Leioproctus bimaculatus* (Smith)

Glen Forrest  
Rayment 1931, Houston pers. comm.

*Leioproctus incomptus* (Cockerell)

Mundaring  
Cockerell 1921, Hacker 1921, Houston pers. comm.

*Pachyprosopis eucyrta* Exley  
Greenmount  
Exley 1972

*Pachyprosopis haematostoma* Cockerell  
Kalamunda, Great Eastern Highway (Greenmount)  
Cockerell 1915, Exley 1972

*Pachyprosopis purnongensis* (Rayment)  
Greenmount  
Exley 1972

*Pachyprosopis xanthodonta* (Cockerell)  
Greenmount, Donnybrook  
Exley 1972

*Paracolletes plumata* (Smith)  
Serpentine  
Alftken 1907, Houston, pers. comm.

*Prosopis elongata* Smith  
Kalamunda  
Cockerell 1916

#### STENOTRITIDAE

*Ctenocolletes smaragdinus* (Smith)  
Gleneagle  
Houston 1983

#### HALICTIDAE

*Homalictus bremerensis* (Rayment)  
Donnelly R crossing on Pemberton-Nannup Road,  
Margaret R (Yallingup Road), Alexander Bridge  
(Brockman Highway), Pemberton, Walpole, Nornalup  
Walker 1986

*Homalictus dotatus* (Cockerell)  
Greenmount  
Walker 1986

*Homalictus megastigmus* (Cockerell)  
Warren NP, Northcliffe, Walpole, Porongurups  
Walker 1986

*Homalictus sphecodoides* (Smith)  
Karridale  
Walker 1986

*Homalictus urbanus* (Smith)  
Margaret R (Yallingup Road)  
Walker 1986

*Lasioglossum brazieri* (Cockerell)  
Kalamunda  
Rayment 1930, Houston pers. comm.

*Lasioglossum mundulum* Cockerell  
Kalamunda  
Hacker 1921, Houston pers. comm.

*Lasioglossum oblitum* (Smith)  
Serpentine  
Alftken 1907, Houston pers. comm.

*Lasioglossum supralucens* (Cockerell)  
Kalamunda  
Hacker 1921, Houston pers. comm.

#### MEGACHILIDAE

*Chalicodoma erythropyga* (Smith)  
Kalamunda  
Meade-Waldo 1915, Rayment 1931, Houston pers. comm.

*Chalicodoma revicta* (Cockerell)  
Sawyers Gully  
Rayment 1931, Houston pers. comm.

*Chalicodoma trichognatha* (Cockerell)  
Kalamunda  
Meade-Waldo 1915, Hacker 1921, Houston pers. comm.

*Megachile chrysopyga* Smith  
Kalamunda  
Meade-Waldo 1915

*Megachile fabricator* Smith  
Kalamunda  
Meade-Waldo 1915, Hacker 1921

*Megachile gilbertiella* Cockerell  
40 ml S[E] Perth on Albany Highway  
Erickson and Rayment 1951

*Megachile quinquelineata* Cockerell  
Kalamunda  
Meade-Waldo 1915, Hacker 1921

#### ANTHOPHORIDAE

*Exoneura albopilosa* Erickson & Rayment  
40 ml S[E] Perth on Albany Highway  
Erickson and Rayment 1951

*Exoneura angophorae* Cockerell  
Glen Forrest, Kalamunda  
Rayment 1930, 1931

*Exoneura illustris* Erickson & Rayment  
40 ml S[E] Perth on Albany Highway  
Erickson and Rayment 1951

#### APIDAE

\**Apis mellifera* L.  
Widespread throughout SW Australia  
Hacker 1921

#### SUSPENSE LIST

*Buprestis novemmaculata*  
Abbott 1985

*Kaloterms obscurus* (Walker)  
Bridgetown, Manjimup, Pemberton, Nornalup  
Hill 1925, 1942

*Liparetrus similis*  
Abbott 1985

*Paropsis regularis*  
Abbott 1985

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