

3-22-2013

A summary of the published data on host plants and morphology of immature stages of Australian jewel beetles (Coleoptera: Buprestidae), with additional new records

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Bellamy, C. L.; Williams, G. A.; Hasenpusch, J.; and Sundholm, A., "A summary of the published data on host plants and morphology of immature stages of Australian jewel beetles (Coleoptera: Buprestidae), with additional new records" (2013). *Insecta Mundi*. 798.
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INSECTA MUNDI

A Journal of World Insect Systematics

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Cover Photo. *Calodema plebeia* Jordan and several *Metaxymorpha gloriosa* Blackburn on the flowers of the proteaceous *Buckinghamia celcissima* F. Muell. in the lowland mesophyll vine forest at Polly Creek, Garradunga near Innisfail in northeastern Queensland. Photo by J. Hasenpusch.

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Date of Issue: March 22, 2013

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Insecta Mundi 0293: 1-172

ZooBank Registered: urn:lsid:zoobank.org:pub:9F584CD5-CE66-4F29-9E41-85158EF94F64

Published in 2013 by

Center for Systematic Entomology, Inc.
P. O. Box 141874
Gainesville, FL 32614-1874 USA
<http://www.centerforsystematicentomology.org/>

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Abstract. A summary is given of the published host plant and descriptive immature stage morphology data for 671 species and 11 subspecies in 54 genera of Australian jewel beetles (Coleoptera: Buprestidae). New host data for 155 species and 3 subspecies in 17 genera including the first published data for 75 species are included.

Key words. Coleoptera, Buprestidae, host plants, immatures, Australia

“As the roses among flowers, so are the members of the Buprestidae pre-eminent in respect of ever graceful form, and, frequently, splendor of colour and pattern.”

J. G. O. Tepper (1887: 15).

Introduction

Volume 29.5 (Coleoptera: Buprestidae) of the *Zoological Catalogue of Australia* (Bellamy 2002) reviewed the taxonomic status of the Australian Buprestidae, popularly known as ‘jewel beetles’. However this volume provided relatively few data on the host plant associations, nor did it provide detailed data on the distribution of individual species (*e.g.* the three reviews by Hawkeswood 2006k, Westcott 2003, Williams 2003). Such information is important in establishing a more informed indication of the biology, ecological and evolutionary associations, and zoogeographical patterns of the fauna, and not the least of all, the role of the flower-frequenting taxa as pollinators (*e.g.* Hawkeswood 1990a, Williams and Adam 2010, Webb 1986a). In a world of increasing climate change and fragmentation of native vegetation such data are essential for the foundation of management strategies and the conservation of biodiversity. Whilst we have attempted to gather together the known published records, nevertheless, we acknowledge that the records presented here are likely to be incomplete considering the potential for records to be found in obscurity. Whilst additional data, by virtue of specimen labels, resides in private collections, and no doubt within that of individual institutions, the capture of this information lies outside the scope of

our review. To this extent we hope that the review will act as a catalyst for the publication of collection data by others.

The recording of host plant data for Australian Buprestidae dates to much earlier days. Even the earliest authors included biological data in their respective works if there was something to record. However sensitivity of both the collectors and the describers to 'where', 'when' and 'on what' really didn't begin to happen until the late 19th century (*e.g.* Blackburn 1887). About the same time, economically important species became the subject for more intensive study principally to understand the complete biology as a way to protect crops or timbers, etc. from attack (Froggatt 1893a, 1893b). In this same period works appeared that listed an entire buprestid fauna of a certain habitat, vegetation community or even a single plant species (*e.g.* Goudie 1902, 1920).

Collectors of the 20th century (*e.g.* Adams, Armstrong, Brooks, Brown, Goerling, etc.) often passed their specimens to H. J. Carter, a research associate of the Australian Museum, Sydney, who would describe the new species, noting any botanical information that was communicated to him by the respective collector. And since much of Carter's long list of descriptive and revisionary papers has relatively little biological or botanical data included, it seems that these collectors did not often label their specimens with host plant names. Carter's (1933) volume on his travels in the Australian bush revealed much more biological data, although often not very specific, about his collecting successes. Most collectors did not publish their observations, or published only minor notes (*e.g.* Adams 1966). Brooks, however, made substantial contributions through a checklist (Brooks 1941) of Queensland buprestids and most importantly four papers detailing food plants of some north Queensland beetles (Brooks 1948a, 1948b, 1965, 1969).

Certain short papers in popular geographical magazines have been published to illustrate a small part of this beautiful fauna as a way to introduce the public to the mostly unseen biological diversity of life found across Australia's large, diverse and mostly unique biological heritage. These include Hanlon (1981), Sundholm (1982, 1983), and Sundholm and Catford (1982).

The late Gordon and Joy Burns of Morningside, Victoria, published several papers on their collecting successes and these records were a small portion of the data that comprised the ENTRECS (entomological records) project of the Entomological Society of Victoria. This project aimed to record data on the distribution of insects in Victoria in a form which could readily be expanded to cover the whole of Australia. In the eight papers by them, only the short paper by Burns and Burns (1988) gave both general and specific host plant notes. The volume by Burns and Burns (1992) gave records in the form of simple grid maps for 284 species of buprestids (284 maps) from 34 genera. This could be seen as an early attempt to provide GIS (Geographic Information System) data, but would have benefited from the inclusion of additional layers, for example that of soil type, topography, exposure, etc. and certainly from general flora and specific host plant data.

Certain host plant records from Williams (1995 Ph.D. thesis) have been cited in a few subsequent works on buprestids (*e.g.* Bellamy 2002; Hawkeswood 2007j) but without pagination included. The fact that such academic works are usually not published in the same sense that a publication is deemed to be available for the purpose of nomenclature (ICZN 1999) suggests to us that the host records from this thesis are presented herein as if for the first time, from which they can subsequently be cited.

Some earlier works include general statements about certain groups or genera of Australian buprestids, as well as the more common host plant associations; sometimes nothing more than a general habitat type is given. Matthews (1985) listed nearly all of the genera that occur in South Australia with either family or generic host relationships; very few specifics are given therein.

The summary about Buprestidae in Lawrence and Britton (1994) is essentially the same as the section in Lawrence and Britton (1991). It discusses the main subfamily and genus-group constituents with only a few references to host plants or biology, *e.g.* the 'primitive, conifer-feeding *Diadoxus* and *Araucariana*,' '*Merimna atrata*, which is known as the fire beetle, because of its habit of flying to burnt trees,' 'smaller species of Agrilinae, some of which are gall-makers' and 'small leaf-miners in *Habroloma* and *Trachys*.'

Williams and Bickel (2010: 205) stated: "The jewel beetles (Buprestidae), beloved of collectors, include rainforest species ranging from the large and resplendent *Calodema regalis* to cryptic and minute species such as *Paratrachys australius*. *Araucariana* is restricted to southern Queensland where its larvae feed exclusively in the wood of *Araucaria* trees. The genus *Prospheres* also breeds in the timber of

Araucaria and its distribution, host plant association and morphology suggest that the genus originated in the Middle Cretaceous or possibly earlier. The Gondwana Rainforests are a center of diversity for the genus *Nascioides* which also occurs in New Zealand and New Caledonia. One species (*N. tillyardi*) is restricted to the *Nothofagus*-dominated rainforests of northern New South Wales.”

The publication of a volume on the invertebrates from the Central Eastern Rainforest Reserves of Australia (CERRA - Williams 2002), although primarily having a biogeographical focus, included some generalized host references: “*Synechocera* on *Gahnia* and *Xanthorrhoea*; *Araucariana* (*Araucaria*), *Diadoxus* (*Callitris*), *Cyria* (now *Cyrioides*) (*Banksia*), *Prospheres aurantiopicta* (*Araucaria*), *Nascioides tillyardi*, *nulgarra*, *quadrinotata* (*Nothofagus*), plus general mention of *Castiarina*, *T[h]emognatha* and *Stigmodera* associated with mass-flowering Myrtaceae”; all on p. 20.

Williams and Adam (2010: 144) records the genera *Cisseis* (now *Diphucrania*), *Castiarina*, *Melobasis*, *Neocuris* and *Torresita* from *Alphitonia excelsa*. In addition that volume discusses general function of buprestids as pollinators, and the ability of large-sized individuals of *Castiarina*, *Stigmodera*, *Temognatha*, *Metaxymorpha*, *Calodema* (p. 150, 151) to carry pollen.

There are several recent works, some with photographs, that are introductions to general Australian beetles or jewel beetles specifically (Carnaby 1987, Hawkeswood 1987c, Lawrence and Britton 1994, Golding 2006, 2008 and Hangay and Zborowski 2010). These either mention specific or general host plant associations or illustrate certain species in situ, with or without a specific identification to the plant/flower on which the subject was photographed. Even without any name for some of the host plant species in these photographs, they are still useful in illustrating the situation at the time and allowing others to recognize the plant species when seeking the beetle in nature. Because these various photographs offer a window into the natural relationships, we have included a reference to each by either the page or plate number in the summary of records presented herein. Some identifications, either of beetles or plants, may be questioned, but that is also true of published records, both vintage and recent. However, we decided not to include the many photographs and records from the volume by Carnaby (1987) because it appears to us that there are many errors in that work. Until those errors are addressed and corrections are published elsewhere, we think that they should stand separately.

Lastly, we note the need for a summary such as this to set an example to current and future colleagues for the planning of systematic studies or publication of their own field notes. Because of the diverse nature of most of these published data, bringing them all together either as supplementary information in catalogues (*e.g.* Bellamy 2002) or monographs (Barker 2006) is long overdue and we hope that our summary will be a fundamental resource useful to others.

Materials and Methods

Many of the recent publications that refer to early host plant notes and discussions use the same traditional system of citing author and date (*e.g.* Bellamy 2002, Brooks 1969), but without giving the specific page number where a particular record is given. This requires that those seeking the first inclusion of a particular host, as well as other significant records, such as distribution, must acquire and then search through these earlier works to verify accuracy. We have cited every previous work that we have been able to locate that included host plant data tied directly to one or more buprestid species and we have cited each with author, date and page. This allowed us to verify the previous and subsequent literature where the records were found, allows us to present this summary with more specific data, and, we hope, eliminates the need for future researchers to verify these again.

We have not annotated those citations given under the beetle species as to which citation yielded particular host record. Readers of this paper should not assume that the first given record is necessarily the first time that any particular record was published.

Several aspects of the entire process of documenting the biology and ecology of any species are pertinent to this introduction:

Other than in mostly recent works where particular host plants are cited with specimens of the type series or in a general note after a particular new species description, we cannot assume that now or ever, voucher specimens exist in collections that tie buprestid species to plant hosts.

When the name of a species in an earlier publication was linked to a particular host plant, either by the full name or the genus name, we included that information in the general discussion about that beetle

species. However in some works a species-level identification is not given. Some authors gave such names as *Cisseis* sp. 1 or *Cisseis ?marmorata*. There are several ways to present those data here but we have decided to treat them as morphospecies names, using the original name given in the respective earlier works. Rather than subsume these under the species name that is 'closest' (e.g. *Anilara* sp. near *obscura* from Hawkeswood and Peterson 1982: 243 and *Anilara ?obscura* from Williams and Williams 1983: 86 will be listed separately from *Anilara obscura* (Macleay) 1872) they will be given as separate.

Because there may be different opinions about the plant classification and nomenclature followed here, the following web resources were consulted.

Web-based resources for host plant classification and nomenclature

Angiosperm Phylogeny Website

<http://www.mobot.org/mobot/research/apweb/welcome.html> (25 November 2012)

Australian Plant Image Index - Integrated Botanical Information System (IBIS):
Australian National Botanic Gardens: <http://www.anbg.gov.au/> (25 November 2012)

Flora of Australia Online

<http://www.environment.gov.au/biodiversity/abrs/online-resources/flora/main/>
(25 November 2012)

Australian Tropical Rainforest Plants

<http://keys.trin.org.au:8080/key-server/data/0e0f0504-0103-430d-8004-060d07080d04/media/Html/index.html> (25 November 2012)

Florabase, the Western Australian Flora

<http://florabase.dec.wa.gov.au/> (25 November 2012)

The Plant List, a working list of all plant species

<http://www.theplantlist.org/> (25 November 2012)

Global Biodiversity Information Facility (GBIF)

<http://data.gbif.org/welcome.htm> (25 November 2012)

NSW Flora Online

<http://plantnet.rbgsyd.nsw.gov.au/> (25 November 2012)

OzAnimals.com - Australian Wildlife

<http://www.ozanimals.com/> (25 November 2012)
native and introduced species

Invasive.org - Center for Invasive Species and Ecosystem Health

<http://www.invasive.org/> (25 November 2012)

Forestry Images

<http://www.forestryimages.org/> (25 November 2012)

Australian Biological Resources Study - Family Buprestidae Leach, 1815

<http://www.environment.gov.au/biodiversity/abrs/online-resources/fauna/afd/taxa/BUPRESTIDAE> (25 November 2012)

“Australia and Madagascar are the headquarters of this wonderful family, which contains the most beautiful of all beetles, rivaling in their brilliant colours and graceful shape anything to be found in the whole of the Class Insecta.”

R. J. Tillyard (1926: 216).

Taxonomic Changes to Australian Buprestidae since Bellamy 2002

The classification used here is the same as in the catalogue of Australian Buprestidae (Bellamy 2002), except for changes proposed by Holynski (2009 following Holynski 1997) that were not integrated into Bellamy’s catalogue (2002). Holynski (2009) proposed *Scapelytra* Saunders 1871, subgenus *Platymroczkowskia* Holynski 1997 as the current placement for the species previously known as *Iridotaenia albivittis* (Hope 1846) and *I. bellicosa* (Blackburn 1903). This placement is doubtful from a zoogeographical perspective, but we won’t argue it here. In the list of buprestid species in this work, the page in Bellamy’s catalogue (2002) is given for each species.

Curletti (2001) revised the Australian species of *Agrilus* Curtis 1825 and described or discussed additional species subsequently (Curletti 2002, 2003, 2006, 2007, 2008, 2009, 2010).

The large handbook on *Castiarina* by Barker (2006) added no new taxa nor host plant data, but is a reference point for that large genus allowing identification via keys and color plates for all species recognized therein.

The genus *Pseudotaenia* Kerremans 1893 was revised by Bellamy (2006a). *Chalcophora subfasciata* Carter 1916, after fluctuating between the original placement and *Chrysodema* Laporte and Gory 1835, was placed in the new genus *Austrochalcophora* (Bellamy 2006a). The decades-old question about the number of species of *Julodimorpha* was addressed by Bellamy and Weir (2008) who concluded that two sister-species exist, one western and one eastern.

Nylander (2008) revised the genera *Calodema* Gory and Laporte 1838 and *Metaxymorpha* Parry 1848.

Following years of anticipation, Levey (2012) published Part 1 of his revision of *Melobasis*. Beyond it being the first revision of the genus since Carter (1923b), with a number of new species and host plant data, the traditional subgenera (*Briseis*, *Dicercopygus* and *Paramelobasis*) were synonymized with *Melobasis* (*Melobasis*) and numerous new species-groups defined.

Our work does not include references to all taxa nor all systematic acts that have taken place subsequent to Bellamy (2002). Nor does it provide a full list of references to the taxa included herein; we do not provide full citations whenever a taxon name is given with ‘author date and page number’. The original citation for each of those taxa can be found in the earlier catalogue (Bellamy 2002). However, for any species proposed subsequent to Bellamy (2002), we have provided those citations. We note the ruling that was made by the International Commission on Zoological Nomenclature pertaining to that catalogue and Australian buprestid genus-group names, in response to the petition (Case 3366) by Bellamy (2006b) asking for the older, yet virtually unused senior synonyms *Selagis* Dejean 1836 for *Curis* Gory and Laporte 1838 and *Diphucrania* Dejean 1833 for *Cisseis* Gory and Laporte 1839, to be suppressed. In Opinion 2214 (ICZN 2008) the strict priority was upheld.

The field guide by Hangay and Zborowski (2010) listed the size of the Australian jewel beetle fauna at “77 genera and 1205 species” without listing them; we provide a total count of 75 genera from the catalogue (Bellamy 2002) plus all subsequent taxonomic works (see Table 1). Our work presents data for 54 genera, 673 species and 11 subspecies that include some measure of host plant, biological and/or ecological data. We’re not certain how to explain the difference of two genera between that field guide and this work.

Data Truthing

Because of the dynamics of both animal and plant nomenclature, there are several concerns that should be stated, so users of this work don’t accept it completely without recognizing there are some aspects that are not so easily verified.

It is a nearly impossible task to reconcile earlier host records under buprestid names that may well be wrong in light of modern revisions: e.g. *Anilara*, *Bubastes*, *Diphucrania*, *Selagis*, and *Temognatha*.

Species in these genera are likely to be incorrectly identified.

In modern publications, host data are often provided with the label data transcribed in descriptions of new taxa, revisions and monographs. These are often very specifically given so that we can expect to find specimens with these exact labels in the collections examined by the author(s). These would then be true vouchers connecting both the taxon name with elements of its habits such as where, when and on or in what it was collected. In earlier times statements about hosts did not necessarily come from specimens nor were the data recorded as we find today. A particular insect might be mentioned having been found on a particular flower or plant in an essay or volume about the species of a particular family or genus from a certain region or locality.

We also give common names for plant hosts (only in Appendix 1) because those can be useful when scientific names are unknown.

Many plant names have changed since the records were published and even plant family definitions have changed. We attempted to connect the old and the current names and placements in the Alphabetical Host Index by using both the modern, current senior synonym and the junior synonym given in parentheses.

Each older name, where found to be a junior synonym or in a new generic combination, is indicated in the indices under both names, with both an old and new reference point to each. If, for instance, an earlier record was published for a buprestid association with *Casuarina acutivalvis* F. Muell., which is currently known as *Allocasuarina acutivalvis* (F. Muell.) L.A.S. Johnson, both combinations are referred to in the alphabetical host index and the systematics host index, while only the current combination is used in the systematic checklist of the beetles.

As an example of the confusion that authors can incur trying to rectify past and present host plant taxonomy and nomenclature, Froggatt (1893) listed *Castiarina rufipennis* (Kirby 1818) using *Acacia juniperina* Willd. as a larval host. Hawkeswood (2007o) corrected this to *Acacia brownii* (Poir.) Steud., but a check of the website 'The Plant List' reveals that only a previous variety and spelling variant of *A. juniperina* (var. *brownei* (Poir.) Benth.) is considered a synonym of *A. juniperina*, which is currently valid but also listed in another synonymy as *Acacia ulicifolia* (Salisb.) Court. (= *Acacia ulicifolia* var. *brownei* (Poir.) Pedley). Without adding further confusion, we have used *A. ulicifolia*.

The major sections of this work:

Table 1. Summary of Jewel Beetle Classification and Host Plant Records. This table summarizes the current classification with a synopsis of subfamilies through subtribes for the 75 genera with the current number of Australian species and the number with recorded host plant data given.

The main text of this work follows in the form of a checklist with the species or morphospecies having host plant data, known or new. The plant host names are grouped by plant family, the genera alphabetical before the family name, the families in alphabetical order. Likely there is too much repetition of family names, but if not repeated for each species, then there would be too many choices and anything else likely would appear disorganized. This section also references recorded data about immature stages as well as that about the biology and ecology of various species. One symbol is used: # for host plants recorded for a jewel beetle species outside of Australia and which are not recorded within the Australian flora.

In this section, each new host record has an abbreviation for the locality of collection (Appendix 2). These abbreviations are mostly for each plant, but sometimes they are only given once which indicates that all records for that beetle species were collected at the same place on multiple hosts.

The alphabetical host index follows to allow users a quick method to look for a specific plant genus and/or species.

Appendix 1. Systematic Host Plant Index. The plants are given from most primitive to most advanced, e.g. ferns, conifers, dicots and monocots.

Appendix 2. Host Plant Record Locality Data. The locality abbreviations as used in Table 1 with data written in full.

Table 1. Summary of Jewel Beetle Classification and Host Plant Records

| Taxon (subfamily - subtribe, genus) | Australian Species | with Host Plant Data | |
|---|---------------------------|-----------------------------|----|
| Polycestinae | | | |
| Haplostethini | | | |
| <i>Helperella</i> Cobos 1957 | 9 | 2 | 1 |
| Paratracheini | | | |
| <i>Paratrachys</i> Saunders 1873 | 2 | 1 | 2 |
| Polycestini | | | |
| <i>Polycesta</i> Dejean 1833 | 1 | 0 | 3 |
| <i>Strigoptera</i> Dejean 1833 | 1 | 1 | 4 |
| Xyroscelidini | | | |
| <i>Xyroscelis</i> Saunders 1868 | 2 | 2 | 5 |
| Prospherini | | | |
| <i>Prospheres</i> Saunders 1868 | 2 | 1 | 6 |
| Astraeini | | | |
| <i>Astraeus</i> Laporte and Gory 1837 | 52 | 45 | 7 |
| Chrysochroinae | | | |
| Chrysochroini | | | |
| <i>Cyphogastra</i> Deyrolle 1864 | 4 | 3 | 8 |
| <i>Paracupta</i> Deyrolle 1864 | 2 | 0 | 9 |
| <i>Iridotaenia</i> Deyrolle 1864 | 1 | 0 | 10 |
| <i>Chrysodema</i> Laporte and Gory 1835 | 3 | 0 | 11 |
| <i>Metataenia</i> Théry 1923 | 1 | 0 | 12 |
| <i>Scaptelytra</i> Saunders 1871 | 2 | 2 | 13 |
| <i>Pseudotaenia</i> Kerremans 1903 | 7 | 5 | 14 |
| <i>Austrophorella</i> Kerremans 1903 | 1 | 1 | 15 |
| <i>Chalcophorotaenia</i> Obenberger 1928 | 14 | 4 | 16 |
| <i>Austrochalcophora</i> Bellamy 2006 | 1 | 1 | 17 |
| Buprestinae | | | |
| Maoraxiini | | | |
| <i>Maoraxia</i> Obenberger 1937 | 3 | 1 | 18 |
| Julodimorphini | | | |
| <i>Julodimorpha</i> Gemminger and Harold 1869 | 2 | 2 | 19 |
| Nascionini | | | |
| <i>Nascio</i> Laporte and Gory 1837 | 4 | 2 | 20 |
| <i>Nascioides</i> Kerremans 1903 | 20 | 11 | 21 |
| Epistomentini | | | |
| <i>Diadoxus</i> Saunders 1868 | 3 | 3 | 22 |
| <i>Cyrioides</i> Carter 1920 | 6 | 3 | 23 |
| <i>Araucariana</i> Levey 1978 | 1 | 1 | 24 |
| Buprestini | | | |
| <i>Buprestis</i> Linnaeus 1758 | 2 | 2 | 25 |
| Genera <i>Incertae Sedis</i> | | | |
| <i>Neobuprestis</i> Kerremans 1903 | 1 | 1 | 26 |
| <i>Balthasarella</i> Obenberger 1958 | 1 | 1 | 27 |
| Bubastini | | | |
| <i>Bubastes</i> Laporte and Gory 1836 | 40 | 2 | 28 |
| <i>Eurypilus</i> Lacordaire 1857 | 4 | 1 | 29 |
| Stigmoderini | | | |
| <i>Stigmodera</i> Eschscholtz 1829 | 7 | 6 | 30 |
| <i>Temognatha</i> Solier 1833 | 84 | 53 | 31 |
| <i>Calotemognatha</i> Peterson 1991 | 3 | 1 | 32 |

Table 1 (Continued). Summary of Jewel Beetle Classification and Host Plant Records

| | | | |
|---|-----|-----|----|
| <i>Castiarina</i> Gory and Laporte 1838 | 477 | 198 | 33 |
| <i>Calodema</i> Gory and Laporte 1838 | 4 | 2 | 34 |
| <i>Metaxymorpha</i> Parry 1848 | 5 | 3 | 35 |
| Genera <i>Incertae Sedis</i> | | | |
| <i>Buprestina</i> Obenberger 1923 | 1 | 0 | 36 |
| <i>Microcastalia</i> Heller 1891 | 2 | 0 | 37 |
| <i>Notobubastes</i> Carter 1924 | 4 | 0 | 38 |
| <i>Neobubastes</i> Blackburn 1892 | 3 | 1 | 39 |
| Curidini | | | |
| <i>Selagis</i> Dejean 1836 | 24 | 6 | 40 |
| Neocuridina | | | |
| <i>Neocuris</i> Saunders 1868 | 30 | 10 | 41 |
| <i>Torresita</i> Gemminger and Harold 1869 | 2 | 1 | 42 |
| <i>Pseudanilara</i> Théry 1911 | 11 | 3 | 43 |
| <i>Theryaxia</i> Carter 1928 | 1 | 1 | 44 |
| Anilarina | | | |
| <i>Anilara</i> Saunders 1868 | 30 | 8 | 45 |
| <i>Anthaxoschema</i> Obenberger 1923 | 2 | 0 | 46 |
| <i>Notographus</i> Thomson 1879 | 4 | 0 | 47 |
| <i>Australorhipis</i> Bellamy 1986 | 1 | 0 | 48 |
| <i>Barakula</i> Peterson and Bellamy 2000 | 1 | 0 | 49 |
| Melobasini | | | |
| <i>Melobasis</i> Laporte and Gory 1837 | 133 | 56 | 50 |
| Melanophilini | | | |
| <i>Merimna</i> Saunders 1868 | 1 | 1 | 51 |
| Actenodini | | | |
| <i>Belionota</i> Eschscholtz 1829 | 1 | 1# | 52 |
| Chrysobothrini | | | |
| <i>Chrysobothris</i> Eschscholtz 1829 | 17 | 6 | 53 |
| Agrilinae | | | |
| Coraebini | | | |
| Ethoniina | | | |
| <i>Ethonion</i> Kubá 2000 | 8 | 7 | 54 |
| Cisseisina | | | |
| <i>Diphucrania</i> Dejean 1833 | 112 | 53 | 55 |
| <i>Pachycisseis</i> Théry 1929 | 1 | 1 | 56 |
| <i>Neospades</i> Blackburn 1887 | 11 | 5 | 57 |
| <i>Hypocisseis</i> Thomson 1879 | 10 | 4 | 58 |
| <i>Stanwatkinsius</i> Barker and Bellamy 2001 | 17 | 11 | 59 |
| <i>Aaaba</i> Bellamy 2002 | 2 | 2 | 60 |
| Toxoscelina | | | |
| <i>Toxoscelus</i> Deyrolle 1864 | 2 | 0 | 61 |
| Amorphosomatina | | | |
| <i>Amorphosoma</i> Laporte 1835 | 1 | 0 | 62 |
| Coraebina | | | |
| <i>Coraebus</i> Gory and Laporte 1839 | 1 | 0 | 63 |
| Synechocerina Majer 2001 | | | |
| <i>Synechocera</i> Deyrolle 1864 | 10 | 5 | 64 |
| Genera <i>Incertae sedis</i> | | | |
| <i>Paracephala</i> Saunders 1868 | 7 | 4 | 65 |
| <i>Meliboeithon</i> Obenberger 1920 | 6 | 1 | 66 |
| <i>Dinocephalia</i> Obenberger 1923 | 7 | 3 | 67 |

Table 1 (Continued). Summary of Jewel Beetle Classification and Host Plant Records

| | | | |
|-------------------------------------|----|----|----|
| Agrilini | | | |
| <i>Agrilus</i> Curtis 1825 | 54 | 18 | 68 |
| Genera <i>Incertae Sedis</i> | | | |
| <i>Sambus</i> Deyrolle 1864 | 1 | 0 | 69 |
| Aphanisticini | | | |
| Aphanisticina | | | |
| <i>Aphanisticus</i> Latreille 1829 | 3 | 0 | 70 |
| <i>Endelus</i> Deyrolle 1864 | 3 | 0 | 71 |
| Anthaxomorpha | | | |
| <i>Anthaxomorpha</i> Deyrolle 1864 | 1 | 0 | 72 |
| Germanicina | | | |
| <i>Germanica</i> Blackburn 1887 | 3 | 1 | 73 |
| Tracheini | | | |
| Tracheina | | | |
| <i>Trachys</i> Fabricius 1801 | 1 | 0 | 74 |
| <i>Habroloma</i> C. G. Thomson 1864 | 7 | 2 | 75 |

AUSTRALIAN JEWEL BEETLES AND THEIR PLANT HOSTS

Subfamily Polycestinae Lacordaire 1857

Tribe Haplostethini Leconte 1861

Genus *Helperella* Cobos 1957

Helperella elata (Carter 1926: 58, *Germanica*); Bellamy 2002: 31.

Biology/Ecology: Carter 1926: 58.

Host plant: adult 'on mimosa' (Fabaceae).

Helperella manningensis Williams and Weir 1987: 158; Bellamy 2002: 31.

Biology/Ecology: Williams 1995; Bellamy 2002: 32.

Host plants: **New Host Record**: adults on foliage of *Guioa semiglauca* [Sapindaceae] (NSW60).

Tribe Paratracheini Cobos 1980

Genus *Paratrachys* Saunders 1873

Paratrachys australius Bellamy and Williams 1995: 1269; Bellamy 2002: 34.

Biology/Ecology: Bellamy and Williams 1995: 1269

Host plants: larvae possibly in *Ficus* spp. [Moraceae].

Tribe Polycestini Lacordaire 1857

Genus *Strigoptera* Dejean 1833

Strigoptera bimaculata (Linnaeus 1758: 410, *Buprestis*); Bellamy 2002: 37.

Biology/Ecology: Hawkeswood 1986b: 176; 1988: 86; Bellamy 2002: 37.

Host plants: larvae in *Camptostemon schultzei* # [Bombacaceae]; adults on *Ceriops tagal* # [Rhizophoraceae].

Tribe Xyrosclidini Cobos 1955**Genus *Xyrosclis* Saunders 1868**

Xyrosclis bumana Williams and Watkins 1986: 297; Bellamy 2002: 43.

Biology/Ecology: Mulder 1984: 4 (as *crocata*); Williams and Watkins 1986: 297; Bellamy 1997: 570, fig. 2; Crowson 1991: 15; Bellamy 2002: 43; Hawkeswood 2006a: 1.

Host plant: larvae in and adults on foliage of *Macrozamia communis* [Zamiaceae].

Xyrosclis crocata (Gory and Laporte 1839: 13, *Amorphosoma*); Bellamy 2002: 43.

Biology/Ecology: Williams and Watkins 1986: 298; Hawkeswood 1987c: 66, plate 96; Bellamy 1997: 570, fig. 1; Crowson 1991: 15; Bellamy 2002: 434; Hawkeswood 2006a: 2.

Host plant: larvae in and adults on foliage of *Macrozamia reidleyi* [Zamiaceae].

Tribe Prosptherini Cobos 1980**Genus *Prosptheres* Saunders 1868**

General Host Associations: Matthews 1985: 4.

Prosptheres aurantiopicta (Laporte and Gory 1837: 132, *Buprestis*); Bellamy 2002: 40.

Immature stages: Levey 1978b: 722; Volkovitsh and Hawkeswood 1999: 295.

Biology/Ecology: Froggatt 1923: 33 (for *aurantiopicta* and *moesta*); 1924: 315; 1927b: 20, plate iv (as *moesta*); McKeown 1942: 134 (for *aurantiopicta* and *moesta*); Hadlington 1951: 8 (as *moestis*); Brimblecombe 1956: 18; Levey 1978b: 722; Hawkeswood and Peterson 1982: 241; Bellamy 2002: 40; Hawkeswood 2006b: 3.

Host plants: larvae in *Araucaria cunninghamii* [Araucariaceae], *Pinus patula* [Pinaceae] and *Acer* sp. [Sapindaceae].

Tribe Astrapini Cobos 1980**Genus *Astraeus* Laporte and Gory 1837**

General Host Associations: Matthews 1985: 4.

Astraeus aberrans van de Poll 1886b: 176; Bellamy 2002: 27.

Biology/Ecology: Barker 1975: 111; Bellamy 2002: 27.

Host plants: adults on foliage of *Allocasuarina campestris* and *A. corniculata* [Casuarinaceae].

Astraeus acaciae Barker 1999: 47; Bellamy 2002: 17.

Biology/Ecology: Barker 1999: 47; Bellamy 2002: 17.

Host plants: adults on foliage of *Acacia sclerosperma* and *Acacia* sp. [Fabaceae].

Astraeus adamsi Barker 1975: 124; Bellamy 2002: 17.

Biology/Ecology: Barker 1975: 124; Bellamy 2002: 17.

Host plant: adults on foliage of *Casuarina equisetifolia* [Casuarinaceae].

Astraeus aridus Barker 1989: 188; Bellamy 2002: 17.

Biology/Ecology: Barker 1989: 188; Bellamy 2002: 17.

Host plant: adults on foliage of *Melaleuca glomerata* [Myrtaceae].

Astraeus badeni van de Poll 1889: 93; Bellamy 2002: 17.

Biology/Ecology: Barker 1975: 133.

Host plants: adults on foliage of *Callitris preissii* [Cupressaceae], *Melaleuca glomerata* and *Melaleuca* sp. [Myrtaceae].

- Astraeus bakeri*** Barker 1975: 115; Bellamy 2002: 18.
Biology/Ecology: Barker 1975: 115; Bellamy 2002: 18.
Host plants: adults on foliage of *Allocasuarina huegeliana* and *Allocasuarina* sp. [Casuarinaceae].
- Astraeus blackdownensis*** Barker 1977: 12; Bellamy 2002: 18.
Biology/Ecology: Barker 1977: 12; Bellamy 2002: 18.
Host plant: adults on foliage of *Allocasuarina inophloia* [Casuarinaceae].
- Astraeus carnabyi*** Barker 1975: 131; Bellamy 2002: 18.
Biology/Ecology: Barker 1975: 131; Bellamy 2002: 18.
Host plant: adults on foliage of *Allocasuarina huegeliana* [Casuarinaceae].
- Astraeus carteri*** Barker 1975: 134; Bellamy 2002: 18.
Biology/Ecology: Barker 1975: 134.
Host plants: adults on foliage of *Allocasuarina dielsiana* and *Casuarina glauca* [Casuarinaceae].
- Astraeus crassus*** van de Poll 1889: 95; Bellamy 2002: 18.
Immature stages: Turner and Hawkeswood 1996a: 76.
Biology/Ecology: Barker 1975: 127; Williams and Williams 1983: 86; Hawkeswood 1985c: 258; 1986c: 438; 1993a: 438; Turner and Hawkeswood 1996a: 75; Bellamy 2002: 19.
Host plants: larvae in *Bursaria spinosa* [Pittosporaceae]; adults feeding on *Allocasuarina luehmannii* and on foliage of *A. littoralis*, *A. nana*, *A. torulosa*, *Casuarina cunninghamiana* [Casuarinaceae], and *Acacia trachyphloia* [Fabaceae].
- Astraeus crockerae*** Barker 1977: 13; Bellamy 2002: 19.
Biology/Ecology: Barker 1977: 13; Bellamy 2002: 19.
Host plant: adults on foliage of *Callitris preissii* [Cupressaceae].
- Astraeus dedariensis*** Barker 1975: 113; Bellamy 2002: 27.
Biology/Ecology: Barker 1975: 113.
Host plant: adults on foliage of *Allocasuarina corniculata* [Casuarinaceae].
- Astraeus dilutipis*** van de Poll 1886b: 180; Bellamy 2002: 19.
Biology/Ecology: Barker 1975: 124; Williams and Williams 1983: 86; Bellamy 2002: 19.
Host plants: adults on foliage of *Allocasuarina littoralis* and *Allocasuarina* sp. [Casuarinaceae].
- Astraeus elongatus*** van de Poll 1886b: 177; Bellamy 2002: 20.
Biology/Ecology: Barker 1975: 129; Bellamy 2002: 20.
Host plants: adults on foliage of *Allocasuarina huegeliana* [Casuarinaceae] and *Xanthorrhoea* sp. [Xanthorrhoeaceae].
- Astraeus flavopictus*** Laporte and Gory 1837: 2; Bellamy 2002: 20.
Biology/Ecology: Barker 1975: 130; Bellamy 2002: 20.
Host plant: adults on foliage of *Jacksonia* sp. [Fabaceae].
- Astraeus fraseriensis*** Barker 1975: 116; Bellamy 2002: 20.
Biology/Ecology: Barker 1975: 117; Bellamy 2002: 20.
Host plants: adults on *Allocasuarina huegeliana* and *A. humilis* [Casuarinaceae].
- Astraeus fraterculus*** van de Poll 1889: 92; Bellamy 2002: 20.
Biology/Ecology: Barker 1975: 128; Bellamy 2002: 21; Hangay and Zborowski 2010: 112.
Host plants: adults on foliage of *Daviesia divaricata* Benth. [Fabaceae] and *Hakea trifurcata* [Proteaceae].

- Astraeus globosus*** Barker 1975: 121; Bellamy 2002: 21.
Biology/Ecology: Barker 1975: 121; Bellamy 2002: 21.
Host plants: adults on foliage of *Allocasuarina huegeliana* and *Allocasuarina* sp. [Casuarinaceae].
- Astraeus goerlingi*** Barker 1975: 135; Bellamy 2002: 21.
Biology/Ecology: Barker 1975: 135.
Host plants: adults on foliage of *Allocasuarina acutivalvis* and *A. acutivalvis* ssp. *prinsepiana* [Casuarinaceae].
- Astraeus goldingi*** Barker 2007b: 287.
Biology/Ecology: Barker 2007b: 288.
Host plants: adults on foliage of *Allocasuarina campestris* [Casuarinaceae], *Grevillea pinaster*, *Grevillea* sp. and *Hakea* sp. [Proteaceae].
- Astraeus hanloni*** Barker 2007b: 286.
Biology/Ecology: Barker 2007b: 286; Hawkeswood 2011a: 1.
Host plants: adults on flowers of *Baeckea* sp., *Eucalyptus gracilis*, *Kunzea ambigua* and *Micromyrtus sessilis* [Myrtaceae].
- Astraeus intricatus*** Carter 1925: 229; Bellamy 2002: 21.
Biology/Ecology: Barker 1975: 126; Bellamy 2002: 21.
Host plant: adults on foliage of *Allocasuarina nana* [Casuarinaceae].
- Astraeus irregularis*** van de Poll 1889: 86; Bellamy 2002: 27.
Biology/Ecology: Goudie 1920: 29; Barker 1975: 112; 1989: 191; Turner and Hawkeswood 1996a: 78; Bellamy 2002: 27.
Host plants: larvae in *Allocasuarina luehmannii*; adults on *Allocasuarina huegeliana*, *A. inophloia* and *Allocasuarina* sp. [Casuarinaceae].
- Astraeus jansoni*** van de Poll 1889: 94; Bellamy 2002: 21.
Biology/Ecology: Tepper 1887: 16 (as *tepperi*); Carter 1933b: 42; Barker 1975: 133; Bellamy 2002: 21.
Host plants: adults on foliage of *Allocasuarina nana*, *Callitris rhomboidea* and *C. preissii* [Cupressaceae].
- Astraeus lineatus*** van de Poll 1889: 87; Bellamy 2002: 27.
Biology/Ecology: Barker 1975: 112; Bellamy 2002: 28.
Host plant: adults on foliage of *Allocasuarina campestris* [Casuarinaceae].
- Astraeus macmillani*** Barker 1975: 130; 1989: 191; Bellamy 2002: 22.
Biology/Ecology: Barker 1975: 130; Bellamy 2002: 22.
Host plants: adults on foliage of *Allocasuarina huegeliana* and *Allocasuarina* sp. [Casuarinaceae].
- Astraeus major*** Blackburn 1890b: 1257; Bellamy 2002: 22.
Biology/Ecology: Blackburn 1890b: 1257; Goudie 1920: 30; Bellamy 2002: 22; Hawkeswood 2011a: 1.
Host plants: adults on foliage of *Acacia coolgardiensis* [Fabaceae], ‘mallee foliage’ and flowers of *Eucalyptus* sp. [Myrtaceae].
- Astraeus mastersii*** Macleay 1872: 239; Bellamy 2002: 22.
Biology/Ecology: Barker 1975: 122; Hawkeswood 1986b: 173; Turner and Hawkeswood 1996a: 78; Hawkeswood 2002b: 32; Bellamy 2002: 23; Barker 2007b: 289 (correction of *Casuarina* ID).
Host plants: larvae in *Eucalyptus propinqua* [Myrtaceae]; adults on foliage of *Casuarina cristata* [Casuarinaceae].

- Astraeus mayoi*** Barker 2007b: 287.
Biology/Ecology: Barker 2007b: 289.
Host plant: adults on foliage of *Allocasuarina verticillata* [Casuarinaceae].
- Astraeus meyricki*** Blackburn 1890b: 1256; Bellamy 2002: 23.
Biology/Ecology: Barker 1989: 189; Bellamy 2002: 23.
Host plant: adults on *Dryandra cirsioides* [Proteaceae].
- Astraeus minutus*** Barker 1975: 115; Bellamy 2002: 23.
Biology/Ecology: Barker 1975: 115; Bellamy 2002: 23.
Host plants: adults on *Allocasuarina campestris* and *A. huegeliana* [Casuarinaceae].
- Astraeus mourangeensis*** Barker 1977: 11; 1989: 190; Bellamy 2002: 23.
Biology/Ecology: Barker 1977: 11; Bellamy 2002: 23.
Host plant: adults on foliage of *Casuarina* sp. [Casuarinaceae].
- Astraeus multinotatus*** van de Poll 1889: 89; Bellamy 2002: 28.
Biology/Ecology: Barker 1975: 112.
Host plant: adults on foliage of *Allocasuarina* sp. [Casuarinaceae].
- Astraeus oberthuri*** van de Poll 1889: 100; Bellamy 2002: 24.
Biology/Ecology: Barker 1975: 134.
Host plants: adults on foliage of *Allocasuarina huegeliana* and *Allocasuarina* sp. [Casuarinaceae].
- Astraeus obscurus*** Barker 1975: 119; Bellamy 2002: 24.
Biology/Ecology: Barker 1975: 119; 1977: 11; Bellamy 2002: 24.
Host plants: adults on foliage of *Allocasuarina campestris*, *A. helmsii*, *A. dielsiana*, *A. huegeliana* and *A. humilis* [Casuarinaceae].
- Astraeus occidentalis*** Barker 1989: 190; Bellamy 2002: 24.
Biology/Ecology: Barker 1989: 190.
Host plant: adults on foliage of *Allocasuarina dielsiana* [Casuarinaceae].
- Astraeus polli*** Barker 1975: 107; Bellamy 2002: 28.
Biology/Ecology: Barker 1975: 107; Hawkeswood 1987c: 61, plate 82; Bellamy 2002: 28.
Host plant: adults on foliage of *Allocasuarina campestris* [Casuarinaceae].
- Astraeus prothoracicus*** van de Poll 1889: 98; Bellamy 2002: 24.
Biology/Ecology: Barker 1975: 129; Hanlon 1981: 324; Hawkeswood and Peterson 1982: 243; Hawkeswood 1987c: 61, plate 83; Turner and Hawkeswood 1996a: 78; Bellamy 2002: 24.
Host plant: adult ovipositing in *Banksia prinotoes* [Proteaceae].
- Astraeus pygmaeus*** van de Poll 1886b: 178; Bellamy 2002: 25.
Immature stages: Barker 1989: 192 (egg).
Biology/Ecology: Carter 1933b: 41; Barker 1975: 118; Hawkeswood 1978: 260; Williams and Williams 1983: 86; Bellamy 2002: 25.
Host plants: adults on *Allocasuarina littoralis*, *A. verticillata* and *Allocasuarina* sp. [Casuarinaceae].
- Astraeus robustus*** Barker 1975: 109; Bellamy 2002: 28.
Biology/Ecology: Barker 1975: 109; Bellamy 2002: 28.
Host plant: adults on foliage of *Allocasuarina dielsiana* [Casuarinaceae].

Astraeus samouelli Saunders 1868a: 10; Bellamy 2002: 25.

Biology/Ecology: Brooks 1965: 30; Barker 1975: 122; Williams and Watkins 1985: 258; Bellamy 2002: 25; Hawkeswood 2007k: 3.

Host plants: adults on foliage of *Allocasuarina littoralis*, *A. verticillata*, *Casuarina suberosa* and *Casuarina* sp. [Casuarinaceae].

Astraeus simulator van de Poll 1889: 102; Bellamy 2002: 26.

Biology/Ecology: Barker 1975: 119; Bellamy 2002: 26.

Host plants: adults on foliage of *Casuarina equisetifolia* and *Casuarina* sp. [Casuarinaceae].

Astraeus smythi Barker 1975: 118; Bellamy 2002: 26.

Biology/Ecology: Barker 1977: 11; Bellamy 2002: 26.

Host plant: adults on foliage of *Allocasuarina littoralis* [Casuarinaceae].

Astraeus sundholmi Barker 2007b: 286.

Biology/Ecology: Barker 2007b: 286.

Host plants: adults on foliage of *Callitris columellaris* and *Callitris* sp. [Cupressaceae].

Astraeus tamminensis Barker 1975: 109; Bellamy 2002: 28.

Biology/Ecology: Barker 1975: 109; Bellamy 2002: 28.

Host plant: adults on foliage of *Allocasuarina campestris* [Casuarinaceae].

Astraeus watsoni Barker 1975: 134; Bellamy 2002: 26.

Biology/Ecology: Barker 1977: 11; Bellamy 2002: 26.

Host plant: adults on foliage of *Allocasuarina huegeliana* [Casuarinaceae].

Subfamily Chrysochroinae Laporte 1835

Tribe Chrysochroini Laporte 1835

Genus *Cyphogastra* Deyrolle 1864

Cyphogastra farinosa subspecies ***venerea*** (Thomson 1857c: 431, *Chrysodema*); Bellamy 2002: 53.

Biology/Ecology: Carter 1927: 222; Brooks 1941: 4.

Host plants: **New Host Records:** larvae in *Elaeocarpus angustifolius* [Elaeocarpaceae] and *Barringtonia calyptrata* [Lecythidaceae] (NQLD6).

Cyphogastra pistora subspecies ***pistor*** (Laporte and Gory 1835: 25, *Chrysodema*); Bellamy 2002: 54.

Biology/Ecology: Brooks 1969: 4, 5; Hawkeswood 1986b: 176; Bellamy 2002: 54; Golding 2008: 6.

Host plants: larvae in and adults on *Terminalia catappa*, *Terminalia petiolaris* [Combretaceae]; adults on *Pleiogynium cerasiferum* [Anacardiaceae] and *Planchonia careya* [Lecythidaceae]. **New Host Record:** larvae in and adults on foliage of *Acacia bidwillii* [Fabaceae] (NQLD8).

Cyphogastra pistora subspecies: ***vulnerata*** Théry 1908: 80; Bellamy 2002: 54.

Biology/Ecology: Brooks 1969: 4, 5.

Host plants: adults on *Pleiogynium cerasiferum* [Anacardiaceae] and *Planchonia careya* [Lecythidaceae]. **New Host Records:** larvae in *Aleurites moluccana* [Euphorbiaceae] and *Alphitonia petriei* [Rhamnaceae] (NQLD6).

Genus *Scaptelytra* Saunders 1871

Scaptelytra albivittis (Hope 1846a: 63, *Buprestis*); Bellamy 2002: 59.

Biology/Ecology: Williams and Williams 1983: 88 (as *Iridotaenia*).

Host plant: adults on foliage of *Eucalyptus* sp. [Myrtaceae].

Scaptelytra bellicosa (Blackburn 1903a: 181, *Paracupta*); Bellamy 2002: 59.

Biology/Ecology: Hangay and Zborowski 2010: 108 (as *Iridotaenia*).

Host plants: **New Host Records:** larvae in *Mallotus paniculatus* [Euphorbiaceae] and adults on foliage of *Xanthostemon whitei* [Myrtaceae] (NQLD6).

Genus *Pseudotaenia* Kerremans 1903

Pseudotaenia ajax (Saunders 1872: 245, *Chalcotaenia*); Bellamy 2002: 55; 2006a: 29.

Biology/Ecology: Barnard 1890: 180; Hobler 1925: 42; Adams 1966: 111; Pullen 1987: 23; Bellamy 2002: 55; Hawkeswood 2006d: 19.

Host plants: larvae in *Acacia harpophylla* [Fabaceae]; adults on *Eucalyptus cambageana*, *E. microtheca*, *E. moluccana* and *Eucalyptus* sp. [Myrtaceae].

Pseudotaenia gigas (Hope 1846a: 62, *Chrysodema*); Bellamy 2002: 56; 2006a: 30.

Immature stages: Bílý and Volkovitsh 2003: 104.

Biology/Ecology: Bílý and Volkovitsh 2003: 112; Hawkeswood 2006d: 20.

Host plant: larvae in *Acacia lasiocalyx* [Fabaceae].

Pseudotaenia salamandra (Thomson 1879f: clviii, *Chalcotaenia*); Bellamy 2002: 56; 2006a: 32.

Biology/Ecology: Barnard 1890: 179 (as *vittata*); Pullen 1987: 27; Bellamy 2002: 56; Hawkeswood 2006d: 20.

Host plant: adults on *Casuarina* sp. [Casuarinaceae].

Pseudotaenia spilota Carter 1916: 141; Bellamy 2002: 56; 2006a: 33.

Biology/Ecology: Hawkeswood and Peterson 1982: 242; Pullen 1987: 27; Bellamy 2002: 56; Hawkeswood 2006d: 20; Golding 2008: 1.

Host plants: larvae in *Acacia grasbyi* [Fabaceae] and adults on *Acacia cyperophylla* and thin-leaved *Acacia* sp.

Pseudotaenia superba (Saunders 1872: 246, *Chalcotaenia*); Bellamy 2002: 57; 2006a: 36.

Biology/Ecology: Barnard 1890: 180.

Pseudotaenia waterhousei (van de Poll 1886c: 222, *Chalcotaenia*, *nom. nov.*: *laeta* Waterhouse 1884); Bellamy 2002: 57; 2006a: 36.

Biology/Ecology: Hawkeswood and Peterson 1982: 242; Hawkeswood 1983: 238; Pullen 1984: 17, 27; 1987: 23; Bellamy 2002: 567; Hawkeswood 2006d: 21.

Host plants: larvae in *Acacia doratoxylon*, *A. leiocalyx*, *A. shirleyi* and *Acacia* sp. [Fabaceae].

Genus *Austrophorella* Kerremans 1903

Austrophorella quadrisignata (Saunders 1872: 245, *Chalcotaenia*); Bellamy 2002: 56; 2006a: 39.

Immature stages: Barnard 1890: 181; Bílý and Volkovitsh 2003: 112.

Biology/Ecology: Pullen 1987: 27; Bílý and Volkovitsh 2003: 112; Bellamy 2002: 56.

Host plants: adults on foliage of *Alphitonia excelsa* and *A. petriei* [Rhamnaceae].

Genus *Chalcophorotaenia* Obenberger 1928

General Host Associations: Matthews 1985: 4 (as *Chalcotaenia*).

Chalcophorotaenia australasiae (Saunders 1872: 248, *Chalcotaenia*), Bellamy 2002: 48.

Biology/Ecology: Brooks 1969: 5; Bellamy 2002: 48; Golding 2008: 6.

Host plants: adults on *Pleiogynium cerasiferum* [Anacardiaceae], on foliage of *Eucalyptus* spp. [Myrtaceae] and *Grevillea* sp. [Proteaceae].

Chalcophorotaenia castanea (Carter 1916: 141, *Chalcotaenia*); Bellamy 2002: 48.

Biology/Ecology: Golding 2008: 15.

Host plant: adults on foliage of *Melaleuca* sp. [Myrtaceae].

Chalcophorotaenia cuprascens (Waterhouse 1875: 203, *Chalcotaenia*); Bellamy 2002: 49.

Biology/Ecology: Brooks 1969: 5 (*cupreascens*); Bellamy 2002: 49.

Host plant: adults on foliage of *Pleiogynium cerasiferum* [Anacardiaceae].

Chalcophorotaenia quadriimpressa (Waterhouse 1875: 204, *Chalcotaenia*); Bellamy 2002: 50.

Biology/Ecology: Hawkeswood 1986b: 175; Bellamy 2002: 50; Golding 2008: 6.

Host plants: larvae in *Gastrolobium grandiflorum* [Fabaceae] and adults on foliage of *Eucalyptus* spp. [Myrtaceae].

Genus *Austrochalcophora* Bellamy 2006

Austrochalcophora subfasciata (Carter 1916: 139, *Chalcophora*); Bellamy 2002: 52; 2006a: 26.

Biology/Ecology: Hangay and Zborowski 2010: 109.

Host plants: **New Host Record:** larvae in and adults on foliage of *Acacia melanoxylon* [Fabaceae] (NQLD6).

Subfamily Buprestinae Leach 1815

Tribe Maoraxiini Holynski 1988

Genus *Maoraxia* Obenberger 1937

Maoraxia auroimpressa (Carter 1924b: 531, *Neocuris*); Bellamy 2002: 139.

Immature stages: Bílý and Volkovitsh 2005: 8 (as *littoralis*).

Biology/Ecology: Bellamy and Williams 1985: 155 (as *littoralis*); Bellamy 2002: 140.

Host plants: larvae in *Elaeodendron australe* Vent. [Celastraceae]; adults on *E. australe*, *Podocarpus elatus* R. Br. [Podocarpaceae] and *Acronychia* sp. [Rutaceae]. **New Host Records:** adults emerged ex. *Alectryon coriaceus* (NSW87) and *Guioa semiglauca* (NSW105) [Sapindaceae]; adults on foliage of *Schizomeria ovata* [Cunoniaceae] (NSW68), *Syzygium floribundum* (NSW72), *S. smithii* (NSW72) [Myrtaceae] and *Heritiera actinophylla* [Sterculiaceae] (NSW117).

Tribe Julodimorphini Kerremans 1902

Genus *Julodimorpha* Gemminger and Harold 1869

Julodimorpha bakewellii (White 1859: 119, *Stigmodera*); Bellamy 2002: 137; Bellamy and Weir 2008: 47.

Biology/Ecology: Tepper 1887: 16; Goudie 1920: 31; Carter 1929b: 271; Hawkeswood and Peterson 1982: 242; Gwynne and Rentz 1983: 79; 1984: 116; Hawkeswood 2002b: 32; Bellamy 2002: 137; Hawkeswood 2005a: 3.

Host plants: larvae in *Eucalyptus* sp. and adults ovipositing on *Calothamnus* sp. [Myrtaceae]; adults on *Acacia calamifolia* Lindley [Fabaceae].

Julodimorpha saundersii Thomson 1878: 51; Bellamy 2002: 137; Bellamy and Weir 2008: 47.

Biology/Ecology: Hawkeswood 2005a: 4 (as *bakewellii*).

Host plant: adults ovipositing in *Calothamnus* sp. [Myrtaceae].

Tribe Nascionini Holynski 1988

Genus *Nascio* Laporte and Gory 1837

General Host Associations: Matthews 1985: 5.

Nascio simillima van de Poll 1886a: 121; Bellamy 2002: 169.

Biology/Ecology: Brooks 1965: 29; Hawkeswood and Peterson 1982: 243; Hawkeswood 1990b: 25; 2002b: 35; Bellamy 2002: 169.

Host plants: larvae in *Eucalyptus drepanophylla*; adults on foliage of *E. resinifera* and *Eucalyptus* sp. [Myrtaceae].

Nascio vetusta (Boisduval 1835: 85, *Buprestis*); Bellamy 2002: 169.

Biology/Ecology: Tepper 1887: 15; Moore 1961: 91; 1972: 31; Hawkeswood and Peterson 1982: 243; Williams and Williams 1983: 86; Turner and Hawkeswood 1995c: 324; 1998b: 323; Hawkeswood 2002b: 35; Bellamy 2002: 170.

Host plants: larvae in *Corymbia tessellaris*, *Eucalyptus baxteri*, *E. goniocalyx*, *E. haemastoma*, *E. obliqua*, *E. saligna*, *Eucalyptus* sp. and *Metrosideros* sp. [Myrtaceae].

Genus *Nascioides* Kerremans 1903

General Host Associations: Matthews 1985: 5.

Nascioides carissima (Waterhouse 1882: 51, *Nascio*); Bellamy 2002: 171.

Biology/Ecology: Olliff 1886: 861; Williams and Williams 1983: 89; Williams 1987: 123; Bellamy 2002: 171; Williams and Bellamy 2002: 5; Hawkeswood 2007j: 1.

Host plants: adults on foliage of *Acacia longifolia*, *Acacia* sp. [Fabaceae] and *Angophora* sp. [Myrtaceae].

Nascioides costata (Carter 1912: 482, *Nascio*); Bellamy 2002: 171.

Biology/Ecology: Carter 1912: 483; 1933b: 80; Williams 1987: 123; Bellamy 2002: 171; Williams and Bellamy 2002: 5; Hawkeswood 2007j: 1.

Host plants: ovipositing on fallen trunk of *Ceratopetalum apetalum* [Cunoniaceae]; adults on foliage of *Acacia* sp. [Fabaceae] and *Syzygium* sp. ? [Myrtaceae].

Nascioides elderi Williams 1987: 129; Bellamy 2002: 171.

Biology/Ecology: Williams 1987: 129; Williams and Bellamy 2002: 5; Hawkeswood 2007j: 2.

Host plants: larvae in *Flindersia brayleyana* [Rutaceae] and *Argyrodendron peralatum* [Sterculiaceae].

Nascioides falsomultesima Williams 1987: 132; Bellamy 2002: 172.

Biology/Ecology: Williams 1985: 42 (as *multesima* ?); 1987: 123; 1993: 107; Bellamy 2002: 172; Williams and Bellamy 2002: 6; Hawkeswood 2007j: 2.

Host plants: larvae in *Doryphora sassafras* [Atherospermataceae], *Ceratopetalum apetalum*, *Schizomeria ovata* [Cunoniaceae], *Sloanea woollsi* [Elaeocarpaceae]

Nascioides macalpinei Williams 1987: 132; Bellamy 2002: 172.

Biology/Ecology: Williams and Bellamy 2002: 6; Hawkeswood 2007j: 3.

Host plant: adults on leaves of *Nothofagus moorei* [Fagaceae].

Nascioides multesima (Olliff 1886: 863, *Nascio*); Bellamy 2002: 172.

Biology/Ecology: Carter 1933b: 43; Williams and Bellamy 2002: 6; Hawkeswood 2007j: 3.

Host plants: larvae in *Doryphora sassafras* [Atherospermataceae]; adults on foliage of 'common wattle bushes' *Acacia* sp. [Fabaceae].

Nascioides parryi (Hope 1843: 318, *Stigmodera*); Bellamy 2002: 173.

Biology/Ecology: Froggatt 1907: 163; Carter 1933b: 169; Hawkeswood 1986b: 174; 1986c: 438; Bashford 1990: 13; Hawkeswood 1993a: 438; Matthews 1985: 5; Cowie 2001: 15; Bellamy 2002: 173; Hawkeswood 2002b: 36; Williams and Bellamy 2002: 6; Hawkeswood 2007j: 4.

Host plants: larvae in *Eucalyptus globulus*, *E. tindaliae*; adults feeding on leaves of *Corymbia tessellaris*, on foliage of *Eucalyptus* spp., *Leptospermum scoparium* [Myrtaceae], on fruiting *Crataegus monogyna* [Rosaceae] and on seedling *Taraxacum officinale* [Asteraceae].

Nascioides pulcher (van de Poll 1886a: 124, *Nascio pulchra*); Bellamy 2002: 173.

Biology/Ecology: Carter 1933b: 189; Williams and Bellamy 2002: 7; Hawkeswood 2007j: 5.

Host plants: larvae in *Backhousia myrtifolia*, *B. sciadophora*, *Syzygium floribundum* and *S. smithii*; adults on leaves of 'lilly pilly' (*Syzygium* sp.) [Myrtaceae]

Nascioides quadrinotata (van de Poll 1886a: 123, *Nascio*); Bellamy 2002: 174.

Biology/Ecology: Carter 1933b: 172; Elliot and de Little 1985: 50; Williams 1987: 123; Bashford 1990: 13; Cowie 2001: 15; Bellamy 2002: 174; Williams and Bellamy 2002: 7; Hawkeswood 2007j: 5.

Host plants: larvae in and adults on foliage of *Nothofagus cunninghamii* [Fagaceae]; adults on *Acacia melanoxylon* [Fabaceae].

Nascioides storeyi Williams 1987: 141; Bellamy 2002: 174.

Biology/Ecology: Williams and Bellamy 2002: 7.

Nascioides tillyardi (Carter 1912: 483, *Nascio*); Bellamy 2002: 174.

Biology/Ecology: Carter 1933b: 80, 135; Williams 1985: 42; 1987: 123; 1993: plate 34, fig. 154; Bellamy 2002: 174; Williams and Bellamy 2002: 7; Hawkeswood 2007j: 6.

Host plant: larvae in and adults on *Nothofagus moorei* [Fagaceae].

Nascioides viridis (Macleay 1872: 239, *Nascio*); Bellamy 2002: 174.

Biology/Ecology: Williams 1993: 103; Williams and Bellamy 2002: 8; Hawkeswood 2007j: 6.

Host plant: larvae in *Heritiera actinophylla* [Sterculiaceae].

Tribe Epistomentini Levey 1978

Genus *Diadoxus* Saunders 1868

General Host Associations: Matthews 1985: 4.

Diadoxus erythrurus (White 1846: 507, *Stigmodera*); Bellamy 2002: 133.

Immature stages: Hawkeswood 1985a: 23.

Biology/Ecology: Lendenfeld 1885: 721; Tepper 1887: 16; Froggatt 1903: 592; 1907: 163; French 1911: 49; Goudie 1920: 29; Froggatt 1923: 160; 1927a: 12; 1927b: 33, plate ix; Pescott 1932: 396; Carter 1933b: 24; McKeown 1942: 134; Hadlington 1951: 7; Zeck 1955: 296; Zeck 1955: 296; Brimblecombe 1956: 19; Anonymous 1958: 255; Hadlington and Gardner 1959: 325; Hawkeswood 1980b: 10; Hawkeswood and Peterson 1982: 241; Hawkeswood 1985a: 23; 1987c: 67, plate 97; 1988: 84; Webb, *et al.* 1988: 98; Hawkeswood and Turner 1997b: 341; Bellamy 2002: 134.

Host plants: larvae in *Callitris columellaris*, *C. endlicheri*, *C. verrucosa*, *Callitris* spp., *Cupressus macrocarpa*, *Cupressus* spp. [Cupressaceae] and *Acacia doratoxylon* [Fabaceae]; adults on *Allocasuarina campestris* [Casuarinaceae], *Acacia aneura* [Fabaceae], *Grevillea eriostachya* [Myrtaceae] and *Pinus* sp. [Pinaceae].

Diadoxus juengi Blackburn 1899: 28; Bellamy 2002: 134.

Biology/Ecology: Bellamy 2002: 134.

Host plant: adults on foliage of *Callitris* sp. [Cupressaceae].

Diadoxus regius Peterson 1991: 15 (*nom. nov.*: *scalaris* Laporte and Gory 1837); Bellamy 2002: 134.

Biology/Bionomy (as *scalaris*): Tepper 1887: 16; Froggatt 1907: 163; French 1911: 45; Goudie 1920: 29; Froggatt 1923: 160; 1927b: 34; McKeown 1942: 134; Anonymous 1955: 296; Anonymous 1958: 255; Hawkeswood 1988: 85; Bellamy 2002: 135.

Host plants: larvae in *Cupressus macrocarpa* [Cupressaceae]; adults on *Allocasuarina campestris* [Casuarinaceae].

Genus *Cyrioides* Carter 1920

General Host Associations: Matthews 1985: 4 (As *Cyria*).

Cyrioides australis (Boisduval 1835: 61, *Buprestis*); Bellamy 2002: 130.

Biology/Ecology: Carter 1933b: 181 (as both *australis* and *tridens*); Burns and Burns 1988: 27.
Host plant: larvae in *Banksia* sp. [Proteaceae].

Cyrioides cincta (Carter 1908: 416, *Cyria*); Bellamy 2002: 131.

Biology/Ecology: Brooks 1941: 4
Host plants: **New Host Record:** larvae in *Davidsonia pruriens* [Cunoniaceae] (NQLD5).

Cyrioides imperialis (Fabricius 1801: 204, *Buprestis*); Bellamy 2002: 131.

Biology/Ecology: Tepper 1887: 15; French 1900: 67; Froggatt 1907: 162; Sorauer and Reh 1913: 485; Froggatt 1914: 18; Tillyard 1926: 219; McKeown 1942: 134; Williams 1977: 82; Wilson 1977: 54 (as *tridens*); Hawkeswood 1978: 260; Hanlon 1981: 324; Sundholm 1983: 12; Williams and Williams 1983: 88; Webb 1987a: 61; Hawkeswood 1988: 84; Cowie 2001: 5; Bellamy 2002: 132; Hawkeswood 2007k: 1; Hangay and Zborowski 2010: 107.

Host plants: larvae in *Banksia integrifolia*, *B. marginata*, *B. serrata* and *Banksia* spp. [Proteaceae]; adults on flowers or foliage of *Angophora hispida*, *Leptospermum polygalifolium*, *Leptospermum* sp. [Myrtaceae], *Banksia ericifolia*, *B. marginata*, *B. serrata*, *B. spinulosa* and *Banksia* spp.

Cyrioides vittigera (Laporte and Gory 1835: 21, *Chrysochroa*), Bellamy 2002: 133.

Biology/Ecology: Carter 1933b: 213; Golding 2008: 30.

Host plant: adults on foliage of *Banksia* spp. [Proteaceae]. **New Host Record:** adults on foliage of *Banksia attenuata* (WA3).

Genus *Araucariana* Levey 1978

Araucariana queendslandica Levey 1978a: 157; Bellamy 2002: 130; 2003b: 126, fig. 254.

Biology/Ecology: Levey 1978a: 158; Hawkeswood and Peterson 1982: 241.
Host plant: larvae in *Araucaria cunninghamii* [Araucariaceae].

Tribe Buprestini Leach 1815

Genus *Buprestis* Linnaeus 1758

Buprestis aurulenta Linnaeus 1767: 661; Bellamy 2002: 83. (introduced)

Biology/Ecology: Carter 1922: 66; 1929b: 265; Matthews 1985: 5; Hangay and Zborowski 2010: 110.

Host plants: “probably bred from imported Oregon pine timber”; larvae in *Thuja plicata* # [Cupressaceae], *Abies concolor* #, *A. grandis* #, *Picea* sp. #, *Pinus contorta* #, *P. flexilis* #, *P. jeffreyi* #, *P. lambertiana* #, *P. muricata* #, *P. ponderosa* #, *P. radiata* and *Pseudotsuga menziesii* # [Pinaceae].

Buprestis novemmaculata Linnaeus 1767: 662. (introduced)

Biology/Ecology: Bílý 2003: 46.

Host plant: lab reared from pine; larvae in *Abies alba* #, *Larix decidua* #, *Picea abies* #, *Pinus halepensis* #, *P. heldreichii* #, *P. nigra* #, *P. nigra* ssp. *salzmannii* #, *P. pinaster* #, *P. pinea* # and *P. sylvestris* # [Pinaceae].

Genera *Incertae Sedis*

Genus *Neobuprestis* Kerremans 1903

Neobuprestis peroni (Gory and Laporte 1838: 48, *Stigmodera*); Bellamy 2002: 84.

Biology/Ecology: Goudie 1920: 30 (as *australis*).

Host plants: adults “clinging to wheat stubble, low mallee shoots, andc”.

Genus *Balthasarella* Obenberger 1958

Balthasarella melandryoides Obenberger 1958: 489; Bellamy 2002: 82.

Biology/Ecology: Bellamy 1994: 300.

Host plant: adult 'on grasses'.

Tribe Bubastini Obenberger 1920**Genus *Bubastes* Laporte and Gory 1836**

Bubastes cylindrica Macleay 1888: 1228; Bellamy 2002: 70.

Host plants: **New Host Record:** adults on foliage of *Melaleuca viridiflora* [Myrtaceae] (NQLD2).

Bubastes suturalis Carter 1915: 79; Bellamy 2002: 75.

Host plants: **New Host Record:** adults on foliage of *Melaleuca viridiflora* [Myrtaceae] (NQLD2).

Genus *Euryspilus* Lacordaire 1857

Euryspilus viridis Carter 1924b: 529; Bellamy 2002: 77.

Biology/Ecology: Hawkeswood 1987c: 64, plate 88.

Host plants: adults feed on leaves of various sedges [Cyperaceae].

Tribe Stigmoderini Lacordaire 1857**Genus *Stigmodera* Eschscholtz 1829**

Stigmodera cancellata (Donovan 1805: 21, *Buprestis*); Bellamy 2002: 310.

Biology/Ecology: Whitlock 1947: 11; McMillan 1952: 147; Hawkeswood and Peterson 1982: 243; Bellamy 2002: 311.

Host plants: larvae in *Agonis flexuosa* and *Agonis* sp. [Myrtaceae]; adults on flowers of *Chamelaucium uncinatum*, *Leptospermum* spp. [Myrtaceae] and peppermint.

Stigmodera gratiosa Chevrolat 1843: 201; Bellamy 2002: 311.

Biology/Ecology: Tillyard 1926: 217; McMillan 1952: 146; Hawkeswood and Peterson 1982: 244; Hawkeswood 1987c: 52, plate 60; Bellamy 2002: 311; Golding 2006: 3.

Host plants: larvae in *Agonis flexuosa*, *Leptospermum* spp., *Melaleuca* spp.; adults on flowers or foliage of *Agonis* spp., *Eucalyptus* spp., *Leptospermum* spp., *Melaleuca* spp. [Myrtaceae], *Hakea* spp. [Proteaceae] and giant yellow everlasting.

Stigmodera jacquinotii (Boisduval 1835: 67, *Buprestis*); Bellamy 2002: 312.

Biology/Ecology: Tillyard 1926: 217; Williams and Williams 1983: 86; Webb 1987a: 61; Bellamy 2002: 312.

Host plants: adults on flowers of *Angophora hispida* and *Leptospermum flavescens* [Myrtaceae].

Stigmodera macularia (Donovan 1805: 23, *Buprestis*); Bellamy 2002: 312.

Biology/Ecology: Froggatt 1914: 18; Tillyard 1926: 217; Williams 1977: 81; Hawkeswood 1978: 260; Williams and Williams 1983: 86; Webb 1986a: 14; 1986b: 172; Hawkeswood 1987b: 288; 1987c: 52, plate 61; Webb 1987a: 61; Hawkeswood 1991a: 56; Turner and Hawkeswood 1994c: 46; Bellamy 2002: 312.

Host plants: adults on flowers of *Angophora bakeri*, *A. hispida*, *Baeckea stenophylla*, *Eucalyptus* spp., *Kunzea ambigua*, *K. ericoides*, *Leptospermum flavescens*, *L. polygalifolium*, *L. trinervium*, *Leptospermum* spp. and *Melaleuca linariifolia* [Myrtaceae].

Stigmodera roei Saunders 1868a: 24; Bellamy 2002: 313.

Biology/Ecology: Tillyard 1926: 217; McMillan 1952: 146; Hawkeswood and Peterson 1982: 244; Bellamy 2002: 313; Hangay and Zborowski 2010: 111.

Host plants: larvae in *Agonis flexuosa* [Myrtaceae]; adults on *Chamelaucium uncinatum*, *Leptospermum* spp. and *Melaleuca* spp. [Myrtaceae].

Stigmodera sanguinosa Hope 1846a: 62; Bellamy 2002: 313.

Biology/Ecology: Tepper 1887: 17; McMillan 1952: 146; Matthews 1985: 4; Bellamy 2002: 313; Golding 2006: 3.

Host plants: adults on flowers of Christmas Tree, *Nuytsia floribunda* [Loranthaceae], *Leptospermum* spp. and paper-bark, *Melaleuca* spp. [Myrtaceae].

Genus *Temognatha* Solier 1833

General Host Associations: Matthews 1985: 4.

Temognatha affinis subspecies *affinis* (Saunders 1868b: 461, *Stigmodera*); Bellamy 2002: 314.

Biology/Ecology: Carter 1933b: 18; Williams and Williams 1983: 87; Webb 1987a: 61; Bellamy 2002: 314.

Host plant: adults on flowers of *Angophora hispida* [Myrtaceae]. **New Host Record:** adults on flowers of *Melaleuca stypheloides* [Myrtaceae](NSW74).

Temognatha alternata (Lumholtz 1889: 220, *Stigmodera*) Bellamy 2002: 315.

Biology/Ecology: Brooks 1941: 4; 1948a: 27; 1969: 4; Bellamy 2002: 315; Hawkeswood 2006f: 34.

Host plants: adults on flowers of *Corymbia gummifera* and *C. polycarpa* [Myrtaceae].

Temognatha bonvouloirii (Saunders 1868b: 460, *Stigmodera*); Bellamy 2002: 316.

Biology/Ecology: Slater and Lindgren 1955: 18; Hawkeswood and Peterson 2004: 6.

Host plants: adults feeding on flowers of and mating on *Eucalyptus foecunda* and *E. uncinata* [Myrtaceae].

Temognatha bruckii (Thomson 1878: 53, *Stigmodera*); Bellamy 2002: 316.

Biology/Ecology: Carter 1933b: 214; Slater and Lindgren 1955: 18. Hawkeswood 1982a: 31; Peterson 1996: 203; Bellamy 2002: 316; Hawkeswood and Peterson 2004: 6.

Host plants: adults on flowers of *Eucalyptus foecunda* and *E. uncinata* [Myrtaceae].

Temognatha carpentariae (Blackburn 1892a: 53, *Stigmodera*); Bellamy 2002: 317.

Biology/Ecology: Brooks 1948a: 27; Bellamy 2002: 317; Hangay and Zborowski 2010: 112.

Host plant: adults on flowers of *Corymbia gummifera* [Myrtaceae]. **New Host Record:** adults on flowers of *Bursaria spinosa* [Pittosporaceae] (NQLD4).

Temognatha chalcodera (Thomson 1878: 52, *Stigmodera*); Bellamy 2002: 317.

Immature stages: Peterson 1996: 204 (egg).

Biology/Ecology: Slater and Lindgren 1955: 18; Hawkeswood 1982a: 31; Peterson 1996: 204; Bellamy 2002: 317; Hawkeswood and Peterson 2004: 6; Hawkeswood 2007m: 1.

Host plants: ovipositing on and larvae in *Allocasuarina acutivalvis* [Casuarinaceae]; adults on flowers of *Eucalyptus foecunda* and *E. uncinata* [Myrtaceae].

Temognatha chevrolatii Géhin 1855: 60; Bellamy 2002: 317.

Biology/Ecology: Slater and Lindgren 1955: 18; Hawkeswood 1982a: 30; 1987c: 54, plate 66; Bellamy 2002: 317; Hawkeswood and Peterson 2004: 6; Golding 2006: 20.

Host plants: adults on flowers of *Eucalyptus cylindriflora*, *E. foecunda*, *E. uncinata*, *Eucalyptus* spp. and *Melaleuca* sp. [Myrtaceae].

Temognatha congener (Saunders 1869: 1, *Stigmodera*); Bellamy 2002: 318.

Biology/Ecology: Tepper 1887: 18.

Host plant: adults on flowers of *Bursaria spinosa* [Pittosporaceae].

Temognatha donovani (Gory and Laporte 1838: 17, *Stigmodera*); Bellamy 2002: 319.

Biology/Ecology: Goudie 1920: 32.

Host plants: **New Host Record:** adults on flowers of *Leptospermum* sp. [Myrtaceae] (NSW115).

Temognatha duboulayi (Saunders 1872: 253, *Stigmodera*); Bellamy 2002: 319.

Host plants: **New Host Record:** adults on flowers of *Bursaria spinosa* [Pittosporaceae] (NQLD4).

Temognatha ducalis (Carter 1927: 223, *Stigmodera*); Bellamy 2002: 319.

Biology/Ecology: Hawkeswood and Peterson 2004: 6.

Host plant: adults feeding on flowers of and mating on *Eucalyptus foecunda* [Myrtaceae].

Temognatha duponti (Boisduval 1835: 60, *Buprestis*); Bellamy 2002: 320.

Biology/Ecology: Froggatt 1907: 164 (as *tibialis*); Slater and Lindgren 1955: 18; Hawkeswood 1982a: 30 (as *tibialis*); Hawkeswood and Knowles 1985: 205 (as *tibialis*); Bellamy 2002: 320; Hawkeswood and Peterson 2004: 6 (as *tibialis*).

Host plants: adults on flowers of *Eucalyptus cylindriflora* and *E. uncinata* [Myrtaceae].

Temognatha excisicollis (Macleay 1863: 31, *Stigmodera*); Bellamy 2002: 320.

Biology/Ecology: Brooks 1969: 4; Hawkeswood and Peterson 1982: 244; Hawkeswood and Turner 1994a: 11; Hawkeswood 2002b: 38; 2007m: 2.

Host plants: larvae in *Corymbia polycarpa* and *Eucalyptus propinqua* [Myrtaceae].

Temognatha flavocincta (Gory and Laporte 1838: 6, *Stigmodera*); Bellamy 2002: 321.

Biology/Ecology: Tepper 1887: 17; Goudie 1923: 144; Hawkeswood and Turner 1994a: 11; Bellamy 2002: 321; Hawkeswood 2002b: 38; 2007m: 2.

Host plants: larvae in *Eucalyptus leucoxydon* and adults on *E. camaldulensis* [Myrtaceae].

Temognatha flavomarginata (Gemminger and Harold 1869: 1400, *Stigmodera*, *nom. nov.*: *cruentata* Murray 1852); Bellamy 2002: 321.

Biology/Ecology: Golding 2006: 34.

Host plants: adults on flowers of *Eucalyptus* spp. [Myrtaceae] and *Myoporum* sp. [Scrophulariaceae].

Temognatha fornumii (Hope 1843: 317, *Stigmodera*); Bellamy 2002: 322.

Biology/Ecology: Tepper 1887: 18; Goudie 1920: 32; Macqueen 1948: 1; 1964: 17; Hawkeswood 2007m: 2.

Host plant: larvae in *Allocasuarina verticillata* [Casuarinaceae].

Temognatha fusca (Saunders 1871: 66 (*Stigmodera*, *nom. nov.*: *parryi* Hope 1846); Bellamy 2002: 322.

Biology/Ecology: Tepper 1887: 17 (as *parryi*); Goudie 1920: 31 (as *parryi*); Hawkeswood 2002b: 40 (as *parryi*); Hawkeswood and Peterson 2004: 6; Hawkeswood 2007m: 3; Golding 2006: 17.

Host plants: larvae in *Eucalyptus foecunda*, *E. gracilis*, *E. oleosa*, *E. uncinata*; adults also on flowers of *E. oleosa* [Myrtaceae].

Temognatha gemmelli (Deuquet 1947: 199, *Stigmodera*); Bellamy 2002: 323

Host plants: **New Host Record:** adults on flowers of *Leptospermum* sp. [Myrtaceae] (NSW127).

Temognatha gigas (Carter 1916: 112, *Stigmodera*); Bellamy 2002: 323.

Biology/Ecology: Slater and Lindgren 1955: 18.

Host plant: adults on flowering *Eucalyptus uncinata* [Myrtaceae].

Temognatha gloriosa (Carter 1916: 115, *Stigmodera*); Bellamy 2002: 323.

Biology/Ecology: Whitlock 1947: 11.

Temognatha gordonburnsi Barker 1993: 24; Bellamy 2002: 323.

Biology/Ecology: Barker 1993a: 25.

Host plants: adults on flowers of *Bursaria spinosa* [Pittosporaceae] and *Grevillea* sp. [Proteaceae].

Temognatha goryi (Gory and Laporte 1838: 7, *Stigmodera*); Bellamy 2002: 323.

Biology/Ecology: Cox 1906: 30; Carter 1933b: 18; Nikitin 1979: 5; Hawkeswood and Peterson 1982: 243; Williams and Williams 1983: 89; Hawkeswood and Turner 1994a: 11; Bellamy 2002: 323; Hawkeswood 2002b: 37; 2007m: 3; 2010: 1; Hawkeswood and Brookes 2011: 1.

Host plants: larvae in *Eucalyptus amplifolia*, *E. punctata*, *E. tereticornis* and *Eucalyptus* sp. [Myrtaceae]; adults on foliage and flowers of *Eucalyptus* sp.

Temognatha grandis (Donovan 1805: 23, *Buprestis*); Bellamy 2002: 323.

Biology/Ecology: Tepper 1887: 17; Carter 1933b: 18; Williams and Williams 1983: 87; Webb 1987a: 61; Bellamy 2002: 323; Hawkeswood 2002b: 38; 2007m: 3; Hangay and Zborowski 2010: 111.

Host plants: larvae in *Eucalyptus foecunda*, *E. gracilis*, *E. oleosa* and *E. uncinata*; adults on flowers of *Angophora hispida* [Myrtaceae]. **New Host Record:** adults on flowers of *Leptospermum* sp. [Myrtaceae] (NSW115).

Temognatha heros Géhin 1855: 57; Bellamy 2002: 324.

Biology/Ecology: Tepper 1887: 17; Goudie 1902: 119; Froggatt 1907: 164; French 1911: 115; Froggatt 1923: 148; Goudie 1920: 31; Hawkeswood 1980c: 238; Hawkeswood and Peterson 1982: 244; Slater and Lindgren 1955: 18; Hawkeswood 1988: 86; Hawkeswood and Knowles 1985: 205; Bellamy 2002: 324; Hawkeswood 2002b: 39; Hawkeswood and Peterson 2004: 6; Hawkeswood 2007m: 4.

Host plants: larvae in *Casuarina* sp. [Casuarinaceae], *Eucalyptus foecunda*, *E. gracilis*, *E. oleosa*, *E. uncinata*, *Eucalyptus* sp. and *Melaleuca uncinata*; adults on flowers of *E. foecunda*, *M. pauperiflora* and *M. uncinata* [Myrtaceae].

Temognatha imperialis (Carter 1916: 95, 116, *Stigmodera*); Bellamy 2002: 324.

Biology/Ecology: Hawkeswood and Peterson 1982: 244; Hawkeswood and Turner 1994a: 11; Bellamy 2002: 325; Hawkeswood 2002b: 39; 2007m: 4.

Host plant: larvae in *Eucalyptus striatocalyx* [Myrtaceae].

Temognatha jansonii (Saunders 1868b: 462, *Stigmodera*); Bellamy 2002: 325.

Biology/Ecology: Goudie 1920: 32; Brooks 1948b: 6; Bellamy 2002: 325.

Host plant: adults on flowers of *Corymbia gummifera* [Myrtaceae].

Temognatha latithorax (Thomson 1857: 112, *Stigmodera*); Bellamy 2002: 325.

Host plants: **New Host Record:** adults on flowers of *Eucalyptus* sp. [Myrtaceae] (NSW113).

Temognatha lessonii (Gory 1841: 127, *Stigmodera*); Bellamy 2002: 325.

Biology/Ecology: Hanlon 1981: 323; Golding 2006: 18.

Host plants: adults on flowers of *Nuytsia floribunda* [Loranthaceae] and *Melaleuca* sp. [Myrtaceae].

Temognatha limbata (Donovan 1805: 24, *Buprestis*); Bellamy 2002: 326.

Biology/Ecology: Williams and Williams 1983: 87; Webb 1987a: 61; Turner and Hawkeswood 1994c: 46; Bellamy 2002: 326.

Host plants: adults on flowers of *Angophora hispida*, *Leptospermum flavescens* and *L. morrisonii* [Myrtaceae].

Temognatha lobicollis (Saunders 1868b: 462, *Stigmodera*); Bellamy 2002: 326.

Biology/Ecology: Brooks 1948b: 6; Bellamy 2002: 326.

Host plant: adults on flowers of *Corymbia gummifera* [Myrtaceae].

Temognatha macfarlani (Waterhouse 1881: 463, *Stigmodera*); Bellamy 2002: 326.

Biology/Ecology: Brooks 1965: 29.

Host plant: adults on flowers of *Eucalyptus moluccana* [Myrtaceae]. **New Host Record:** adults on flowers of *Bursaria spinosa* [Pittosporaceae] (NQLD4).

Temognatha maculiventris (Macleay 1863: 32, *Stigmodera*); Bellamy 2002: 326.

Biology/Ecology: Carter 1933b: 160 (as *praecellens*); Brooks 1948a: 27; 1965: 29; 1969: 3; Bellamy 2002: 327; Hawkeswood 2006e: 4.

Host plants: adults on flowers of *Corymbia gummifera*, *C. polycarpa*, *Eucalyptus acmenioides*, *E. gummifera* and *E. ochrophloia* [Myrtaceae]. **New Host Record:** adults on flowers of *Eucalyptus* sp. [Myrtaceae] (NSW85).

Temognatha marginalis (Carter 1929a: 66, *Stigmodera*); Bellamy 2002: 327.

Biology/Ecology: Carnaby 1987: 19; Hawkeswood 2007m: 5.

Host plant: larvae in and adults on mallee, *Eucalyptus* spp. [Myrtaceae].

Temognatha martinii (Saunders 1869: 2, *Stigmodera*); Bellamy 2002: 327.

Biology/Ecology: Hawkeswood and Peterson 1982: 242; Bellamy 2002: 327; Hawkeswood 2007m: 5.

Host plant: larvae in *Allocasuarina corniculata* [Casuarinaceae].

Temognatha miranda (Carter 1927: 224, *Stigmodera*); Bellamy 2002: 328.

Biology/Ecology: Slater and Lindgren 1955: 18; Hawkeswood 1987c: 54, plate 65.

Host plants: adults on flowers of *Eucalyptus foecunda*, *E. uncinata* and *Eucalyptus* spp. [Myrtaceae].

Temognatha mitchellii (Hope 1846a: 62, *Stigmodera*); Bellamy 2002: 328.

Biology/Ecology: Tepper 1887: 18; Cowie 2001: 5; Bellamy 2002: 329.

Host plants: adults on flowers of *Eucalyptus oleosa*, *E. paniculata*, *Leptospermum* sp. [Myrtaceae] and *Bursaria spinosa* [Pittosporaceae].

Temognatha mnizechii subspecies ***mnizechii*** (Saunders 1868b: 460, *Stigmodera*); Bellamy 2002: 329.

Biology/Ecology: Tepper 1887: 17; Slater and Lindgren 1955: 18; Hawkeswood 1982a: 30; Bellamy 2002: 329; Hawkeswood 2002b: 40; Hawkeswood and Peterson 2004: 7; Hawkeswood 2007m: 5.

Host plants: larvae in *Eucalyptus foecunda*, *E. gracilis*, *E. oleosa* and *E. uncinata*; adults on flowers of *E. cylindriflora*, *E. foecunda* and *E. uncinata* [Myrtaceae].

Temognatha murrayi (Gemminger and Harold 1869: 1401, *Stigmodera*, *nom. nov.*: *trifasciata* Murray 1852); Bellamy 2002: 329 (*Temognatha*).

Biology/Ecology: Slater and Lindgren 1955: 18; Hawkeswood 1982a: 31; Bellamy 2002: 330; Hawkeswood and Peterson 2004: 6.

Host plants: adults on flowers of *Eucalyptus foecunda* and *E. uncinata* [Myrtaceae].

Temognatha nickerli (Obenberger 1922: 113, *Stigmodera*); Bellamy 2002: 330.

Host plants: **New Host Record:** adults on flowers of *Bursaria spinosa* [Pittosporaceae] (NQLD4).

Temognatha obesissima subspecies ***obesissima*** (Thomson 1879a: 32, *Stigmodera*); Bellamy 2002: 330.

Biology/Ecology: Peterson 1989: 207; Bellamy 2002: 331.

Host plants: adults on flowers of *Baeckea* spp. and *Leptospermum* spp. [Myrtaceae].

Temognatha obesissima subspecies ***macqueeni*** (Deuquet 1964: 128, *Stigmodera*); Bellamy 2002: 331.
Biology/Ecology: Brooks 1965: 29 (as *saundersi*); 1969: 3 (as *saundersi*); Peterson 1989: 207; Bellamy 2002: 331.

Host plants: adults on flowers of *Angophora costata*, *Eucalyptus acmenioides* and *E. ochrophloia* [Myrtaceae].

Temognatha obscuripennis (Mannerheim 1837: 32, *Stigmodera*); Bellamy 2002: 331.

Biology/Ecology: Hawkeswood 1981c: 17; Golding 2006: 21.

Host plants: adults on flowers of *Nuytsia floribunda* [Loranthaceae] and *Eucalyptus* spp. [Myrtaceae].

Temognatha oleata (Blackburn 1894a: 142, *Stigmodera*); Bellamy 2002: 332.

Biology/Ecology: Slater and Lindgren 1955: 18.

Host plant: adults on flowers of *Eucalyptus uncinata* [Myrtaceae].

Temognatha parvicollis subspecies ***parvicollis*** (Saunders 1869: 1, *Stigmodera*); Bellamy 2002: 332.

Biology/Ecology: Tepper 1887: 17; Slater and Lindgren 1955: 18 (*parryi* var. *picea*); Hawkeswood 2002b: 40; 2007m: 6.

Host plants: larvae in *Eucalyptus foecunda*, *E. gracilis*, *E. oleosa* and *E. uncinata*; adults on flowers of *Eucalyptus foecunda* and *E. uncinata* [Myrtaceae].

Temognatha parvicollis subspecies ***andromeda*** (Peterson 1988: 77, *Stigmodera*, *nom. nov.*: *princeps* Blackburn 1891); Bellamy 2002: 332.

Biology/Ecology: Hawkeswood and Peterson 2004: 6.

Host plant: adults on flowers of *Eucalyptus foecunda* [Myrtaceae].

Temognatha pictipes (Blackburn 1894a: 140, *Stigmodera*); Bellamy 2002: 333.

Biology/Ecology: Hawkeswood and Peterson 2004: 6.

Host plant: adults on flowers of *Eucalyptus foecunda* [Myrtaceae].

Temognatha pubicollis (Waterhouse 1874: 539, *Stigmodera*); Bellamy 2002: 333.

Biology/Ecology: Golding 2006: 9.

Host plants: adults on flowers of *Grevillea* spp. [Proteaceae], also on foliage of *Chamelaucium* spp., *Eucalyptus* spp., *Kunzea* sp. [Myrtaceae] and *Xanthorrhoea* spp. [Xanthorrhoeaceae].

Temognatha rectipennis (Blackburn 1891a: 138, *Stigmodera*); Bellamy 2002: 334.

Biology/Ecology: Slater and Lindgren 1955: 18; Hawkeswood and Peterson 2004: 6.

Host plants: adults on flowers of *Eucalyptus foecunda* and *E. uncinata* [Myrtaceae].

Temognatha regia (Blackburn 1892b: 218, *Stigmodera*); Bellamy 2002: 334.

Biology/Ecology: Dodd 1913: 103; 1916: xxvi; Brooks 1948a: 27; 1965: 29; 1969: 3; Bellamy 2002: 334.

Host plants: adults on flowers of *Corymbia gummifera*, *Eucalyptus acmenioides*, *E. moluccana*, *E. ochrophloia* and *E. racemosa* [Myrtaceae].

Temognatha reichei (Gory and Laporte 1838: 13, *Stigmodera*); Bellamy 2002: 334.

Biology/Ecology: Hawkeswood 1981c: 17; 1987c: 53, plate 64.

Host plant: adults on flowers of *Nuytsia floribunda* [Loranthaceae].

Temognatha sanguineocincta (Saunders 1868b: 461, *Stigmodera*); Bellamy 2002: 335.

Biology/Ecology: Brooks 1969: 3.

Host plants: adults on *Eucalyptus acmenioides* and *E. ochrophloia* [Myrtaceae]

Temognatha secularis (Thomson 1857: 111, *Stigmodera*); Bellamy 2002: 336.

Biology/Ecology: Carter 1933b: 213; Hanlon 1981: 323; Hawkeswood and Peterson 2004: 6.

Host plants: adults on flowers of *Nuytsia floribunda* [Loranthaceae] and *Eucalyptus foecunda* [Myrtaceae].

Temognatha sexmaculata (Saunders 1868b: 465, *Stigmodera*); Bellamy 2002: 337.

Biology/Ecology: Hangay and Zborowski 2010: 112.

Host plant: adults on *Leptospermum* sp. [Myrtaceae].

Temognatha similis (Saunders 1868b: 463, *Stigmodera*); Bellamy 2002: 337.

Biology/Ecology: Hawkeswood and Peterson 1982: 245; Bellamy 2002: 336; Hawkeswood 2007m: 6.

Host plant: larvae in *Casuarina* sp. [Casuarinaceae].

Temognatha spencii (Gory and Laporte 1838: 13, *Stigmodera*); Bellamy 2002: 337.

Host plants: **New Host Record:** adults on flowers of *Eucalyptus* sp. [Myrtaceae] (NSW25).

Temognatha suturalis (Donovan 1805: 24, *Buprestis*, preocc.: *suturalis* Thunberg 1789); Bellamy 2002: 337.

Biology/Ecology: Tepper 1887: 17; French 1909: 95 (as *vertebralis*); Froggatt 1914: 18; Williams and Williams 1983: 87; Webb 1987a: 62 (as *suturalis* and *vertebralis*); Hawkeswood 1988: 87; Bellamy 2002: 338; Turner and Hawkeswood 1994c: 46; Hawkeswood 2007m: 6.

Host plants: larvae in *Allocasuarina littoralis*, *A. torulosa* and *A. verticillata* [Casuarinaceae]; adults on flowers of *Angophora hispida* and *Leptospermum morrisonii* [Myrtaceae].

Temognatha thoracica (Saunders 1868b: 464, *Stigmodera*); Bellamy 2002: 338.

Biology/Ecology: Nikitin 1979: 5; Williams and Williams 1983: 87; Webb 1987a: 62.

Host plant: adults on flowers of *Angophora floribunda* [Myrtaceae]. **New Host Record:** adults on flowers of *Leptospermum* sp. [Myrtaceae] (NSW86).

Temognatha variabilis (Donovan 1805: 21, *Buprestis*); Bellamy 2002: 339.

Biology/Ecology: Froggatt 1907: 164; 1914: 18; Tillyard 1926: 218; Hawkeswood 1978: 260; Williams and Williams 1983: 87; Hawkeswood 1987c: 53, plate 62, 63; Webb 1987a: 62; Turner and Hawkeswood 1994c: 46; Bellamy 2002: 339; Hangay and Zborowski 2010: 111.

Host plants: adults on flowers of *Angophora bakeri*, *A. floribunda*, *A. hispida*, *Eucalyptus piperita*, *Eucalyptus* spp., *Leptospermum flavescens*, *L. morrisonii* and *Leptospermum* sp. [Myrtaceae]. **New Host Records:** adults on *Cassinia* sp. [Asteraceae] and *Baeckea* sp. [Myrtaceae] (NSW102).

Temognatha vitticollis (Macleay 1863: 30, *Stigmodera*); Bellamy 2002: 340.

Biology/Ecology: Goudie 1920: 32; Hawkeswood and Turner 1994a: 10; Bellamy 2002: 340.

Host plants: **New Host Record:** adults on flowers of *Bursaria spinosa* [Pittosporaceae] (NQLD4).

Temognatha wimmerae subspecies *wimmerae* (Blackburn 1890a: 151, *Stigmodera*); Bellamy 2002: 341.

Biology/Ecology: Hawkeswood and Peterson 2004: 6.

Host plant: adults on flowers of *Eucalyptus foecunda* [Myrtaceae].

***Temognatha* sp. 1**

Biology/Ecology: Williams and Williams 1983: 87 (as *Temognatha* sp. near *mitchelli*).

Host plant: on flowers of *Leptospermum trinervium* [Myrtaceae].

Genus *Calotemognatha* Peterson 1991

Calotemognatha yarelli subspecies *yarelli* (Gory and Laporte 1838: 14, *Stigmodera*); Bellamy 2002: 180.

Biology/Ecology: Tepper 1887: 18; Slater and Lindgren 1955: 18; Hawkeswood 1981c: 17; Hawkeswood and Peterson 2004: 6.

Host plants: adults on flowers of *Nuytsia floribunda* [Loranthaceae], *Eucalyptus foecunda*, *E. uncinata*, *Melaleuca acuminata* and *M. thymifolia* [Myrtaceae].

Genus *Castiarina* Gory and Laporte 1838

General Host Associations: Matthews 1985: 4.

Castiarina abdominalis (Saunders 1868b: 467, *Stigmodera*); Bellamy 2002: 182; Barker 2006: 258.

Host plants: **New Host Record:** adults on flowers of *Eucalyptus* sp. [Myrtaceae] (NSW94).

Castiarina acuminata (Kerremans 1898: 142, *Stigmodera*); Bellamy 2002: 182; Barker 2006: 226.

Biology/Ecology: Williams 1995; Williams and Adam 1998: 52; 2001: 246; Bellamy 2002: 182.

Host plants: **New Host Records:** adults on flowers of *Ceratopetalum gummiferum* [Cunoniaceae] (NSW77), *Alphitonia excelsa* [Rhamnaceae] (NSW60), *Cuttsia viburnea* [Rousseaceae] (NSW73), *Acronychia imperforata* [Rutaceae] (NSW60) and *Guioa semiglauca* [Sapindaceae] (NSW60).

Castiarina acuticollis (Carter 1916: 96, 133, *Stigmodera*); Bellamy 2002: 183; Barker 2006: 205.

Host plants: **New Host Record:** adults on flowers of *Eucalyptus* sp./spp. [Myrtaceae] (NSW1, NSW27, QLD15).

Castiarina adelaidae (Hope 1846a: 62, *Stigmodera*); Bellamy 2002: 183; Barker 2006: 66.

Biology/Ecology: Tepper 1887: 19.

Host plant: adults on flowers of *Calytrix* sp. [Myrtaceae]. **New Host Record:** adults on flowers of *Eucalyptus* sp./spp. [Myrtaceae] (VIC1, VIC8, VIC10).

Castiarina affabilis (Kerremans 1898: 141, *Stigmodera*); Bellamy 2002: 185; Barker 2006: 193.

Biology/Ecology: Hawkeswood 1987b: 288; 1987c: 58, plate 75; Bellamy 2002: 185.

Host plants: adults on flowers of *Baeckea stenophylla*, *Baeckea* spp., *Leptospermum* spp. [Myrtaceae] and flower spikes of *Xanthorrhoea* spp. [Xanthorrhoeaceae].

Castiarina aglaia (Barker 1987: 142, *Stigmodera*); Bellamy 2002: 185; Barker 2006: 186.

Host plants: **New Host Records:** adults on flowers of *Geissois biagiana* (NQLD1) [Cunoniaceae], *Buckinghamia celcissima* (NQLD6), *Cardwellia sublimis* (NQLD1), *Grevillea baileyana* (NQLD6) [Proteaceae] and *Psydrax odorata* [Rubiaceae] (NQLD6).

Castiarina aleggemelli (Barker 1987: 133, *Stigmodera*); Bellamy 2002: 185; Barker 2006: 139.

Host plants: **New Host Record:** adults on flowers of *Leptospermum* sp./spp. [Myrtaceae] (NSW49).

Castiarina allensundholmi Barker 2005: 58; 2006: 62.

Biology/Ecology: Barker 2005: 58.

Host plants: adults on flowers of *Baeckea* sp. [Myrtaceae] and *Grevillea* sp. [Proteaceae].

Castiarina alternecosta (Thomson 1879a: 35, *Stigmodera*); Bellamy 2002: 185; Barker 2006: 231.

Biology/Ecology: Williams and Williams 1983: 87; Bellamy 2002: 186.

Host plant: adults on flowers of *Leptospermum flavescens* [Myrtaceae]. **New Host Records:** adults on flowers of *Leptospermum* sp./spp. (NSW59, NSW91, NSW92), *Melaleuca linariifolia* (NSW78), *Syzygium smithii* (NSW54) [Myrtaceae] and *Xanthorrhoea* sp./spp. [Xanthorrhoeaceae] (NSW59).

Castiarina amabilis (Gory and Laporte 1838: 19, *Stigmodera*); Bellamy 2002: 186; Barker 2006: 99.

Biology/Ecology: Carter 1933b: 213; Hawkeswood 1981c: 17; Hanlon 1981: 323.

Host plants: adults on flowers of *Nuytsia floribunda* [Loranthaceae] and 'unknown white flowering bush'.

- Castiarina amplipennis*** (Saunders 1868b: 480, *Stigmodera*); Bellamy 2002: 187; Barker 2006: 205.
Biology/Ecology: Froggatt 1914: 18; Williams and Williams 1983: 87; Webb 1987a: 61; Turner and Hawkeswood 1994c: 46; Bellamy 2002: 187.
Host plants: adults on flowers of *Angophora hispida*, *Leptospermum flavescens* and *L. polygalifolium* [Myrtaceae]. **New Host Record:** adults on flowers of *Syzygium smithii* [Myrtaceae] (NSW54).
- Castiarina analis*** (Saunders 1869: 7, *Stigmodera*); Bellamy 2002: 187; Barker 2006: 83.
Biology/Ecology: Brooks 1948b: 6 Bellamy 2002: 187.
Host plant: adults on flowers of *Corymbia gummifera* [Myrtaceae]. **New Host Record:** adults on flowers of *Baeckea* sp. [Myrtaceae] (NSW74).
- Castiarina anchoralis*** (Gory and Laporte 1838: 26, *Stigmodera*); Bellamy 2002: 187; Barker 2006: 54.
Biology/Ecology: Carter 1933b: 212.
Host plant: adults on flowers of *Leptospermum* sp. [Myrtaceae].
- Castiarina andersoni*** (Gory and Laporte 1838: 25, *Stigmodera*); Bellamy 2002: 188; Barker 2006: 177.
Biology/Ecology: Froggatt 1914: 18; Brooks 1969: 3; Williams 1977: 81; Hawkeswood 1978: 260; Williams and Williams 1983: 87; Hawkeswood 1987b: 288; Webb 1987a: 61; Bellamy 2002: 188.
Host plants: adults on flowers of *Angophora floribunda*, *A. hispida*, *Baeckea stenophylla*, *Corymbia polycarpa*, *Eucalyptus acmenioides*, *E. ochrophloia*, *Leptospermum flavescens* and *Leptospermum* sp. [Myrtaceae]. **New Host Records:** adults on flowers of *Syzygium floribundum* [Myrtaceae] (NSW133), *Bursaria spinosa* (QLD4) and *Bursaria* sp. [Pittosporaceae] (NSW59) and *Homalium brachybotrys* [Salicaceae] (QLD6).
- Castiarina argillacea*** (Carter 1916: 126, *Stigmodera*); Bellamy 2002: 189; Barker 2006: 66.
Host plants: **New Host Record:** adults on flowers of *Leptospermum* sp./spp. [Myrtaceae] (VIC1, VIC8, VIC10).
- Castiarina ariel*** (Carter 1930b: 533, *Stigmodera*); Bellamy 2002: 189; Barker 2006: 181.
Host plants: **New Host Records:** adults on flowers of *Cassinia* sp./spp. [Asteraceae] (NSW12), *Baeckea* sp./spp. (NSW74, NSW172) and *Leptospermum* sp./spp. [Myrtaceae] (NSW133).
- Castiarina armata*** (Thomson 1879a: 31, *Stigmodera*); Bellamy 2002: 189; Barker 2006: 99.
Biology/Ecology: Williams and Williams 1983: 87; Webb 1987a: 61; Turner and Hawkeswood 1998a: 202; Hawkeswood and Turner 2003a: 251; Bellamy 2002: 190.
Host plants: adults on flowers of *Angophora hispida*, *Kunzea ericoides* and *Leptospermum polygalifolium* [Myrtaceae].
- Castiarina athertonensis*** (Barker 1986: 12, *Stigmodera*), 28; Bellamy 2002: 190; Barker 2006: 252.
Host plants: **New Host Record:** adults on flowers of *Bursaria spinosa* [Pittosporaceae] (QLD4).
- Castiarina atronotata*** (Waterhouse 1874: 542, *Stigmodera*); Bellamy 2002: 191; Barker 2006: 100.
Biology/Ecology: Brooks 1948b: 6; 1969: 4; Bellamy 2002: 191.
Host plants: adults on flowers of *Corymbia gummifera* and *C. polycarpa* [Myrtaceae].
- Castiarina aurantia*** Barker 1990b: 172; Bellamy 2002: 192; Barker 2006: 71.
Biology/Ecology: Barker 1990b: 173; Bellamy 2002: 192.
Host plants: adults on flowers of *Micromyrtus* sp., *Scholtzia* sp. [Myrtaceae] and *Eremophila* sp. [Scrophulariaceae].
- Castiarina aurea*** (Barker 1980: 6, *Stigmodera*); Bellamy 2002: 192; Barker 2006: 231.
Biology/Ecology: Barker 1980: 6.
Host plant: adults on flowers of *Leptospermum* sp. [Myrtaceae].

Castiarina australasiae (Gory and Laporte 1838: 32, *Stigmodera*); Bellamy 2002: 193; Barker 2006: 192.

Biology/Ecology: Tepper 1887: 18; Froggatt 1914: 18; Carter 1933b: 169; Williams 1977: 81; Williams and Williams 1983: 87 (as *assimilis*); Hawkeswood 1986d: 1; Webb 1987a: 61; Hawkeswood 1991a: 55; Turner and Hawkeswood 1994c: 46; Cowie 2001: 6; Bellamy 2002: 192.

Host plants: adults on flowers of *Ozothamnus ferrugineus* [Asteraceae], *Angophora hispida*, *Eucalyptus* sp., *Harmogia densifolia*, *Kunzea ambigua*, *Leptospermum flavescens*, *L. morrisonii*, *L. polygalifolium*, *L. trinervium*, *Leptospermum* sp. [Myrtaceae] and *Bursaria spinosa* [Pittosporaceae]. **New Host Records:** adults on flowers of *Cassinia* sp. [Asteraceae] (NSW80) and *Baeckea* sp./spp. [Myrtaceae] (NSW2, NSW28, NSW35, NSW49, NSW74, NSW127).

Castiarina balteata (Saunders 1869: 16, *Stigmodera*); Bellamy 2002: 194; Barker 2006: 62.

Biology/Ecology: Williams 1977: 82; Williams and Williams 1983: 87; Bellamy 2002: 194.

Host plant: adults on flowers of *Leptospermum flavescens* [Myrtaceae]. **New Host Records:** adults on flowers of *Baeckea* sp./spp. (NSW101) and *Kunzea* sp./spp. [Myrtaceae] (NSW16).

Castiarina beatrix Barker 1990a: 105 (*nom. nov.: deliciosa* Barker 1988); Bellamy 2002: 195; Barker 2006: 159.

Biology/Ecology: Barker 1988: 138 (as *deliciosa*).

Host plants: adults on flowers of *Syzigium* sp. [Myrtaceae] and *Euodia* sp. [Rutaceae].

Castiarina bella (Saunders 1871: 71 (*Stigmodera*, *nom. nov.: cruentata* Gory and Laporte 1838); Bellamy 2002: 195; Barker 2006: 186.

Biology/Ecology: Froggatt 1914: 18; Williams 1977: 82; Hawkeswood 1978: 260; Williams and Williams 1983: 87; Hawkeswood 1987a: 266; Webb 1987a: 61; 1987b: 147; Hawkeswood 1991a: 55; Turner and Hawkeswood 1994c: 46; Bellamy 2002: 194.

Host plants: adults on flowers of *Cassinia trinerva* [Asteraceae], *Angophora hispida*, *Eucalyptus obtusiflora*, *Kunzea ambigua*, *Leptospermum flavescens*, *L. morrisonii*, *L. polygalifolium* and *Leptospermum* sp. [Myrtaceae]. **New Host Record:** adults on flowers of *Eucalyptus* sp. [Myrtaceae] (NSW59).

Castiarina bicolor (Gory and Laporte 1838: 39, *Stigmodera*); Bellamy 2002: 195; Barker 2006: 172.

Biology/Ecology: Goudie 1920: 33.

Host plant: adults on 'grey box blossom', either *Eucalyptus microcarpa* or *E. moluccana* [Myrtaceae].

Castiarina bifasciata (Hope 1831: 25, *Stigmodera*); Bellamy 2002: 196; Barker 2006: 217.

Biology/Ecology: Froggatt 1914: 18 (as *bicincta*); Hawkeswood 1978: 260; Williams and Williams 1983: 87; Webb 1986a: 14; Hawkeswood 1987a: 266; Webb 1987a: 61; Hawkeswood 1991a: 55; Webb 1994c: 239; Turner and Hawkeswood 1994c: 46; Bellamy 2002: 196.

Host plants: adults on flowers of *Cassinia uncata* [Asteraceae], *Angophora bakeri*, *A. hispida*, *Eucalyptus* sp., *Kunzea ambigua*, *Leptospermum flavescens*, *L. juniperinum*, *L. polygalifolium*, *Leptospermum* sp. [Myrtaceae], *Bursaria spinosa* [Pittosporaceae] and *Xanthorrhoea minor* [Xanthorrhoeaceae]. **New Host Record:** adults on flowers of *Leptospermum grandifolium* [Myrtaceae] (ACT3).

Castiarina biguttata (Macleay 1863: 24, *Stigmodera*); Bellamy 2002: 197; Barker 2006: 101.

Biology/Ecology: Brooks 1948a: 27; Hawkeswood 1987c: 59, plate 77 (see *guttaticollis*); Bellamy 2002: 197.

Host plants: adults on flowers of *Angophora woodsiana*, *Corymbia gummifera* and *Eucalyptus racemosa* [Myrtaceae]. **New Host Records:** adults on flowers of *Eucalyptus* sp. [Myrtaceae] (NT1), *Bursaria spinosa* [Pittosporaceae] (NQLD4) and *Homalium brachybotrys* [Salicaceae] (NQLD6).

Castiarina bimaculata (Saunders 1868b: 481, *Stigmodera*); Bellamy 2002: 197; Barker 2006: 259.

Host plants: **New Host Record:** adults on flowers of *Bursaria spinosa* [Pittosporaceae] (NQLD4).

Castiarina binotata (Saunders 1871: 72 (*Stigmodera*, *nom. nov.*: *bimaculata* Saunders 1869); Bellamy 2002: 197; Barker 2006: 280.

Biology/Ecology: Goudie 1920: 32 (as *bimaculata*).

Host plants: **New Host Record**: adults on flowers of *Leptospermum flavescens* [Myrtaceae] (NSW3).

Castiarina blackdownensis (Barker 1986: 20, *Stigmodera*); Bellamy 2002: 198; Barker 2006: 87.

Biology/Ecology: Barker 1986: 20; Bellamy 2002: 198.

Host plant: adults on flowers of *Baeckea* sp. [Myrtaceae].

Castiarina booanyia (Carter 1933a: 162, *Stigmodera*); Bellamy 2002: 198; Barker 2006: 135.

Biology/Ecology: Barker 1983: 168.

Host plant: adults on flowers of *Myoporum platycarpum* [Scrophulariaceae].

Castiarina bremei (Hope 1843: 318, *Conognatha*); Bellamy 2002: 198; Barker 2006: 241.

Biology/Ecology: Williams and Williams 1983: 87; Pullen 1985: 84; Turner and Hawkeswood 1994c: 46; Bellamy 2002: 198.

Host plants: adults on flowers of *Leptospermum flavescens*, *L. morrisonii*, *Leptospermum* sp. [Myrtaceae] and *Lomatia fraseri* [Proteaceae]. **New Host Record**: adults emerged ex. *Acacia melanoxylon* [Fabaceae] (NSW73).

Castiarina browningi (Barker 1986: 16, *Stigmodera*); Bellamy 2002: 199; Barker 2006: 71.

Biology/Ecology: Barker 1986: 17.

Host plant: adults on flowers of *Eremophila dempsteri* [Scrophulariaceae].

Castiarina brutella (Thomson 1879a: 37, *Stigmodera*); Bellamy 2002: 199; Barker 2006: 208.

Biology/Ecology: Froggatt 1914: 18; Williams and Williams 1983: 87; Webb 1987a: 61; Turner and Hawkeswood 1994c: 46; Bellamy 2002: 199.

Host plants: adults on flowers of *Angophora floribunda*, *A. hispida*, *Leptospermum flavescens* and *L. morrisonii* [Myrtaceae]. **New Host Record**: adults on flowers of *Baeckea* sp. [Myrtaceae] (NSW73).

Castiarina bucolica (Kerremans 1898: 152, *Stigmodera*); Bellamy 2002: 200; Barker 2006: 124.

Biology/Ecology: Barker 1983: 156 (as *kalbarri*); Bellamy 2002: 200; Hangay and Zborowski 2010: 108.

Host plant: adults on flowers of *Thryptomene denticulata* [Myrtaceae].

Castiarina bugejiana Barker 2004: 197; 2006: 58.

Biology/Ecology: Barker 2004: 197.

Host plant: adults on flowers of *Micromyrtus hexamera* [Myrtaceae].

Castiarina burchellii (Gory and Laporte 1838: 33, *Stigmodera*); Bellamy 2002: 200; Barker 2006: 139.

Biology/Ecology: Tepper 1887: 19; Williams and Williams 1983: 87; Webb 1987a: 61; Hawkeswood 1991a: 56; Bellamy 2002: 200.

Host plants: adults on flowers of *Angophora hispida*, *Calytrix* sp., *Leptospermum flavescens* and *L. myrsinoides* [Myrtaceae]. **New Host Records**: adults on flowers of *Cassinia* sp. [Asteraceae] (NSW99) and *Melaleuca* sp. [Myrtaceae] (NSW59, NSW84).

Castiarina campestris (Blackburn 1897: 31, *Stigmodera*); Bellamy 2002: 201; Barker 2006: 182.

Biology/Ecology: Brooks 1948b: 6 (as *deleta*); 1965: 30 (as *campestris* and *deleta*); Bellamy 2002: 201.

Host plants: adults on flowers of *Corymbia gummifera* and *Eucalyptus moluccana* [Myrtaceae].

Castiarina carinata (Macleay 1863: 26, *Stigmodera*); Bellamy 2002: 202; Barker 2006: 147.

Biology/Ecology: Brooks 1965: 29; 1969: 3; Hangay and Zborowski 2010: 109.

Host plants: adults on *Eucalyptus acmenioides*, *E. moluccana* and *E. ochrophloia* [Myrtaceae]. **New Host Records:** adults on flowers of *Bursaria spinosa* [Pittosporaceae] (QLD4) and *Homalium brachybotrys* [Salicaceae] (QLD6).

Castiarina castelnaudi (Saunders 1869: 9, *Stigmodera*); Bellamy 2002: 203; Barker 2006: 97.

Biology/Ecology: Tepper 1887: 18; Goudie 1920: 33; Burns and Burns 1988: 27.

Host plants: adults on flowers of eucalypts and other myrtaceous shrubs, e.g. *Baeckea* sp. and *Leptospermum* spp. [Myrtaceae].

Castiarina chamelauci (Barker 1987: 136, *Stigmodera*); Bellamy 2002: 203; Barker 2006: 147.

Biology/Ecology: Barker 1987: 138; Bellamy 2002: 203.

Host plant: adults on flowers of *Chamelaucium uncinatum* [Myrtaceae].

Castiarina charientessa Barker 1996: 49; Bellamy 2002: 203; Barker 2006: 58.

Biology/Ecology: Barker 1996: 49.

Host plant: adults on flowers of *Chamelaucium* sp. [Myrtaceae].

Castiarina chinnocki (Barker 1983: 166, *Stigmodera*); Bellamy 2002: 203; Barker 2006: 112.

Biology/Ecology: Barker 1983: 166; Bellamy 2002: 203.

Host plants: adults on flowers of *Calamphoreus inflatus*, *Eremophila ionantha*, *E. paisleyi* and *E. scoparia* [Scrophulariaceae].

Castiarina cincta (Blackburn 1890a: 157 (*Stigmodera*, *nom. nov.*: *rubrocincta* Kerremans 1890); Bellamy 2002: 204; Barker 2006: 66.

synonym: *tridens* (Carter 1931b: 340 (*Stigmodera*, var. of *cincta*), 355; Bellamy 2002: 204.

Host plants: **New Host Record:** adults on flowers of *Eucalyptus* sp. [Myrtaceae] (WA2).

Castiarina cinnamomea (Macleay 1863: 25, *Stigmodera*); Bellamy 2002: 204; Barker 2006: 262.

Biology/Ecology: Brooks 1948b: 6; 1965: 29; 1969: 3; Bellamy 2002: 204.

Host plants: adults on *Corymbia polycarpa*, *Eucalyptus acmenioides*, *E. moluccana*, *E. ochrophloia* and *E. racemosa* [Myrtaceae].

Castiarina coeruleipes (Saunders 1869: 13, *Stigmodera*); Bellamy 2002: 205; Barker 2006: 228.

Biology/Ecology: Williams 1977: 82; Bellamy 2002: 205.

Host plant: adults on flowers of *Leptospermum flavescens* [Myrtaceae].

Castiarina colorata (Hope 1847: 283, *Stigmodera*); Bellamy 2002: 206; Barker 2006: 173.

Biology/Ecology: Goudie 1920: 33.

Castiarina commixta (Carter 1924a: 21, *Stigmodera*); Bellamy 2002: 206; Barker 2006: 280.

Biology/Ecology: Carter 1933b: 36; Williams and Williams 1983: 87; Bellamy 2002: 206.

Host plants: adults on flowers of *Leptospermum flavescens* and *Leptospermum* sp. [Myrtaceae].

Castiarina cornishi (Barker 1983: 144, *Stigmodera*); 1986: 29; Bellamy 2002: 207; Barker 2006: 150.

Biology/Ecology: Barker 1983: 144.

Host plants: adults on *Eremophila paisleyi*, *E. scoparia* and *Myoporum platycarpum* [Scrophulariaceae].

Castiarina costalis (Saunders 1869: 14, *Stigmodera*); Bellamy 2002: 207; Barker 2006: 223.

Biology/Ecology: Hawkeswood 1986c: 442; 1993a: 442; Bellamy 2002: 207.

Host plant: adults on flowers of *Bursaria spinosa* [Pittosporaceae].

Castiarina costata (Saunders 1868b: 470, *Stigmodera*); Bellamy 2002: 207; Barker 2006: 238.

Biology/Ecology: Williams and Williams 1983: 87; Webb 1987a: 61; Bellamy 2002: 207.

Host plants: adults on flowers of *Angophora hispida*, *Kunzea ambigua*, *Leptospermum flavescens* and *Leptospermum* sp. [Myrtaceae].

Castiarina costipennis (Saunders 1869: 13, *Stigmodera*); Bellamy 2002: 208; Barker 2006: 214.

Biology/Ecology: Williams and Williams 1983: 87; Bellamy 2002: 208.

Host plants: adults on flowers of *Leptospermum flavescens* and *Leptospermum* sp. [Myrtaceae].

Castiarina crenata (Donovan 1805: 22, *Buprestis*); Bellamy 2002: 208; Barker 2006: 197.

Biology/Ecology: Froggatt 1914: 18 (as *amphichroa* and *crenata*); Hawkeswood 1978: 260; Williams and Williams 1983: 87; Hawkeswood 1986d: 1; Webb 1987a: 61; Burns and Burns 1988: 26; Bellamy 2002: 208; Hawkeswood 2007l: 1.

Host plants: adults on flowers of *Angophora bakeri*, *A. hispida*, *Kunzea ambigua*, *Leptospermum flavescens* [Myrtaceae], *Conospermum taxifolium* and *Grevillea* sp. [Proteaceae]. **New Host Record:** adults on flowers of *Melaleuca* sp. [Myrtaceae] (NSW19).

Castiarina creta Barker 1990b: 172; Bellamy 2002: 209; Barker 2006: 71.

Biology/Ecology: Barker 1990b: 172; Bellamy 2002: 209.

Host plant: adults on flowers of *Leptospermum coriaceum* [Myrtaceae].

Castiarina crocicolor (Gory and Laporte 1838: 44, *Stigmodera*); Bellamy 2002: 209; Barker 2006: 59.

Biology/Ecology: Hanlon 1981: 324; Hawkeswood 1987c: 59, plate 78.

Host plants: adults on flowers of *Hypocalymma angustifolium* (Endl.) Schauer and *Leptospermum* spp. [Myrtaceae].

Castiarina crockerae (Barker 1979: 4, *Stigmodera*); 1986: 29; Bellamy 2002: 209; Barker 2006: 144.

Biology/Ecology: Barker 1979: 4; Bellamy 2002: 209.

Host plant: adults on flowers of *Eucalyptus foecunda* [Myrtaceae].

Castiarina cruenta (Gory and Laporte 1838: 29, *Stigmodera*); Bellamy 2002: 210; Barker 2006: 246.

Biology/Ecology: Froggatt 1914: 18; Williams 1977: 82; Hawkeswood 1978: 260; Williams and Williams 1983: 87; Hawkeswood 1987a: 266; Webb 1987a: 61; 1994c: 239; Bellamy 2002: 210.

Host plants: adults on flowers of *Angophora bakeri*, *A. hispida* and *Leptospermum flavescens* [Myrtaceae] and *Bursaria spinosa* [Pittosporaceae].

Castiarina cruentata (Kirby 1818b: 455, *Buprestis*); Bellamy 2002: 210; Barker 2006: 167.

Biology/Ecology: Williams and Williams 1983: 87; Webb 1987a: 61; Turner and Hawkeswood 1994c: 46; Cowie 2001: 7; Bellamy 2002: 210.

Host plants: adults on *Ozothamnus ferrugineus* [Asteraceae] and flowers of *Angophora hispida*, *Eucalyptus* sp., *Kunzea ambigua*, *Leptospermum flavescens*, *L. polygalifolium* and *Leptospermum* sp. [Myrtaceae].

Castiarina cupida (Kerremans 1898: 138, *Stigmodera*); Bellamy 2002: 211; Barker 2006: 82.

Biology/Ecology: Carter 1933b: 190; Hawkeswood 1987c: 58, plate 74.

Host plants: adults on flowers of *Baeckea stenophylla*, *Leptospermum* spp., *Melaleuca* spp. [Myrtaceae] and flower spikes of *Xanthorrhoea* spp. [Xanthorrhoeaceae].

Castiarina cupricollis (Saunders 1868b: 470, *Stigmodera*); Bellamy 2002: 212; Barker 2006: 283.

Biology/Ecology: Carter 1933b: 49; Williams and Williams 1983: 87; Bellamy 2002: 212.

Host plants: adults on flowers of *Leptospermum flavescens* and *Leptospermum* sp. [Myrtaceae].

Castiarina cydista (Rainbow 1904: 246, *Stigmodera*); Bellamy 2002: 212; Barker 2006: 235.

Biology/Ecology: Carter 1933b: 21; Williams 1995; Bellamy 2002: 213.

Host plant: adults on flowers of *Leptospermum flavescens* [Myrtaceae]. **New Host Records:** adults on flowers of *Kunzea* sp., *Leptospermum* sp. [Myrtaceae] (NSW67) and *Scolopia braunii* [Salicaceae] (NSW60).

Castiarina decemmaculata (Kirby 1818b: 456, *Buprestis*, preocc.: *decemmaculata* Rossi 1792); Bellamy 2002: 214; Barker 2006: 71.

Biology/Ecology: Goudie 1920: 32; Hawkeswood 1978: 260; Williams and Williams 1983: 87; Hawkeswood 1986d: 1; 1986c: 443; Webb 1986a: 14; Hawkeswood 1987a: 266; 1993a: 443; Bellamy 2002: 214.

Host plants: adults on flowers of *Jacksonia scoparia*, *Phyllota phyllicoides* [Fabaceae], *Kunzea ambigua*, *K. ericoides*, *Leptospermum flavescens*, *L. parvifolium*, *L. trinervium*, *Leptospermum* sp. [Myrtaceae] and flowering shrubs on white sand-hills. **New Host Records:** adults on flowers of *Calytrix* sp. (VIC12), *Eucalyptus* sp. (NSW59), *Syzygium smithii* [Myrtaceae] (NSW87) and *Pimelea* sp. [Thymelaeaceae] (NSW67).

Castiarina decipiens (Westwood 1837: 253, *Stigmodera*); Bellamy 2002: 215; Barker 2006: 219.

Biology/Ecology: Hawkeswood 1993b: 34; Turner and Hawkeswood 1998a: 203; Bellamy 2002: 215; Hawkeswood 2007n: 1.

Host plant: larvae in *Clerodendrum floribundum* [Verbenaceae].

Castiarina delectabilis (Hope 1847: 284, *Stigmodera*); Bellamy 2002: 215; Barker 2006: 298.

Biology/Ecology: Williams and Williams 1983: 87; Webb 1994c: 239; Bellamy 2002: 215.

Host plants: adults on flowers of *Leptospermum flavescens* [Myrtaceae] and *Bursaria spinosa* [Pittosporaceae]. **New Host Record:** adults on flowers of *Helichrysum* sp. [Asteraceae] (NSW119).

Castiarina delta (Thomson 1879a: 38, *Stigmodera*); Bellamy 2002: 216; Barker 2006: 236.

Biology/Ecology: Webb 1986b: 172; Williams 1995; Williams and Adam 1998: 52; Bellamy 2002: 216.

Host plant: adults on flowers of *Kunzea ericoides*. **New Host Records:** adults on flowers of *Syzygium smithii* (NSW54) and *Tristaniopsis laurina* [Myrtaceae] (NSW133).

Castiarina denmanensis Barker 2004: 199; 2006: 50.

Biology/Ecology: Barker 2004: 199.

Host plant: adults on flowers of *Leptospermum* sp. [Myrtaceae].

Castiarina dequeti (Carter 1927: 225, *Stigmodera*); Bellamy 2002: 217; Barker 2006: 239.

Host plants: **New Host Record:** adults on flowers of *Leptospermum* sp. [Myrtaceae] (NSW46, QLD16).

Castiarina deyrollei (Thomson 1879e: cxxv, *Stigmodera*); Bellamy 2002: 217; Barker 2006: 283.

Biology/Ecology: Turner and Hawkeswood 1994c: 46.

Host plants: adults on flowers of *Leptospermum morrisonii* and *L. polygalifolium*. **New Host Record:** adults on flowers of *Leptospermum flavescens* [Myrtaceae] (NSW47, NSW106).

Castiarina dimidiata (Carter 1908: 422, *Stigmodera*); Bellamy 2002: 218; Barker 2006: 311.

Biology/Ecology: Carter 1933b: 49, 134, 176; Williams and Williams 1983: 87; Webb 1986b: 172; Bellamy 2002: 218.

Host plants: adults on flowers of *Epacris obtusifolia* [Epacridaceae] and *Leptospermum juniperinum* [Myrtaceae].

Castiarina discoidea (Carter 1931b: 343, *Stigmodera*), 359 (spg. *bremei*); Bellamy 2002: 219; Barker 2006: 248.

Biology/Ecology: Williams and Williams 1983: 87.

Host plant: adults on flowers of *Leptospermum flavescens* [Myrtaceae].

- Castiarina distantia*** (Barker 1988: 136, *Stigmodera*); Bellamy 2002: 219; Barker 2006: 125.
Biology/Ecology: Barker 1988: 136.
Host plant: adults on flowers of *Melaleuca uncinata* [Myrtaceae].
- Castiarina diversa*** (Kerremans 1900: 317, *Stigmodera*); Bellamy 2002: 220; Barker 2006: 74.
Biology/Ecology: Barker 1990b: 172; Bellamy 2002: 221.
Host plants: adults on flowers of *Leptospermum* sp. [Myrtaceae] and *Eremophila* sp. [Scrophulariaceae].
- Castiarina doddi*** (Carter 1913: 505, *Stigmodera*); Bellamy 2002: 221; Barker 2006: 186.
Biology/Ecology: Brooks 1965: 29; 1969: 3.
Host plants: adults on *Eucalyptus acmenioides* and *E. ochrophloia* [Myrtaceae].
- Castiarina duaringae*** (Carter 1929a: 68, *Stigmodera*); Bellamy 2002: 221; Barker 2006: 202.
Biology/Ecology: Armstrong 1947: 298 (as *bogania*).
Host plant: adults on flowers of *Myoporum platycarpum* [Scrophulariaceae]. **New Host Record:** adults on flowers of *Melaleuca* sp. [Myrtaceae] (QLD7).
- Castiarina eborica*** (Carter 1934: 253, *Stigmodera*); Bellamy 2002: 222; Barker 2006: 227.
Host plants: **New Host Record:** adults on flowers of *Leptospermum* sp. [Myrtaceae] (NSW8, NSW28, NSW37).
- Castiarina elderi*** (Blackburn 1892d: 36, *Stigmodera*); Bellamy 2002: 222; Barker 2006: 74.
Biology/Ecology: Barker 1990b: 171.
Host plant: adults on flowers of *Homalocalyx* sp. [Myrtaceae].
- Castiarina elongata*** (Saunders 1868b: 480, *Stigmodera*); Bellamy 2002: 222; Barker 2006: 287.
Biology/Ecology: Carter 1933b: 218; Hawkeswood 1981c: 17.
Host plants: adults on flowers of *Nuytsia floribunda* [Loranthaceae] and *Leptospermum* sp. [Myrtaceae].
- Castiarina eremita*** (Blackburn 1890a: 153, *Stigmodera*); Bellamy 2002: 223; Barker 2006: 105.
Biology/Ecology: Goudie 1920: 34.
- Castiarina erubescens*** (Blackburn 1900: 23, *Stigmodera*); Bellamy 2002: 223; Barker 2006: 244.
Biology/Ecology: Brooks 1948a: 27; 1965: 29 (as *horni*); 1969: 3 (as *horni*); Bellamy 2002: 224.
Host plants: adults on *Corymbia gummifera*, *C. polycarpa*, *Eucalyptus acmenioides*, *E. moluccana* and *E. ochrophloia* [Myrtaceae]. **New Host Records:** adults on flowers of *Buckinghamia celcissima*, *Macadamia whelanii* [Proteaceae] (NQLD6), *Psyrax odorata* [Rubiaceae] (NQLD6), *Melicope elleryana* (NQLD7) and *M. platynema* [Rutaceae] (NQLD6).
- Castiarina erythromelas*** (Boisduval 1835: 75, *Buprestis*); Bellamy 2002: 224; Barker 2006: 98.
Biology/Ecology: Carter 1933b: 49, 116; Williams 1977: 82 (as *nasuta*); Cowie 2001: 7; Bellamy 2002: 224.
Host plants: possibly *Eucalyptus* spp. and *Leptospermum* spp. [Myrtaceae]; adults on flowers of *Leptospermum lanigerum*.
- Castiarina erythroptera*** (Boisduval 1835: 88, *Buprestis*); Bellamy 2002: 225; Barker 2006: 150.
Biology/Ecology: Hawkeswood 1978: 260; Williams and Williams 1983: 87; Webb 1986a: 14; 1986b: 172; Hawkeswood 1987a: 266; Webb 1987a: 61; Hawkeswood 1991a: 56; Turner and Hawkeswood 1994c: 46; Bellamy 2002: 225.
Host plants: adults on flowers of *Angophora hispida*, *Kunzea ambigua*, *K. ericoides*, *Leptospermum flavescens*, *L. polygalifolium* and *Leptospermum* sp. [Myrtaceae].

- Castiarina euclae*** (Barker 1983: 167, *Stigmodera*); Bellamy 2002: 225; Barker 2006: 113.
Biology/Ecology: Barker 1983: 167; Bellamy 2002: 225.
Host plant: adults on flowers of *Eremophila weldii* [Scrophulariaceae].
- Castiarina eyrensis*** (Barker 1986: 9, *Stigmodera*); Bellamy 2002: 225; Barker 2006: 105.
Biology/Ecology: Barker 1986: 10; Bellamy 2002: 225.
Host plant: adults on *Acacia papyrophylla* (nom. nud.?), possibly *Acacia papyrocarpa* Benth.
- Castiarina filiformis*** (Blackburn 1892b: 217, *Stigmodera*); Bellamy 2002: 226; Barker 2006: 198.
Biology/Ecology: Hawkeswood 1981c: 17.
Host plant: adults on flowers of *Nuytsia floribunda* [Loranthaceae].
- Castiarina flavopicta*** (Boisduval 1835: 92, *Buprestis*); Bellamy 2002: 227; Barker 2006: 173.
Biology/Ecology: Goudie 1920: 33; Carter 1933b: 176; Williams 1977: 82; Hawkeswood 1978: 260; Williams and Williams 1983: 87; Webb 1986a: 14; 1986b: 172; Hawkeswood 1991a: 56; Turner and Hawkeswood 1994c: 46; Cowie 2001: 8; Bellamy 2002: 228.
Host plants: adults on flowers of *Cassinia aureonitens*, *C. compacta*, *Cassinia* spp., *Olearia* spp., *Ozothamnus diosmifolius*, *O. ferrugineus* [Asteraceae], *Bursaria spinosa*, *Callistemon* spp., *Kunzea ambigua*, *Leptospermum flavescens*, *L. lanigerum*, *L. morrisonii*, *Leptospermum* spp. [Myrtaceae] and purple daisies. **New Host Record:** adults on flowers of *Ozothamnus ?thyrsoides* [Asteraceae] (NSW120).
- Castiarina flavopurpurea*** (Carter 1908: 421, *Stigmodera*); Bellamy 2002: 228; Barker 2006: 310.
Biology/Ecology: Carter 1933b: 49; Williams and Williams 1983: 87; Bellamy 2002: 228.
Host plants: adults on flowers of *Leptospermum flavescens* and *Leptospermum* sp. [Myrtaceae]. **New Host Record:** adults on flowers of *Helichrysum* sp. [Asteraceae] (NSW62, NSW119).
- Castiarina flavosignata*** (Macleay 1863: 30, *Stigmodera*); Bellamy 2002: 229; Barker 2006: 301.
Biology/Ecology: Brooks 1969: 3 Goudie 1920: 32.
Host plants: adults on *Eucalyptus acmenioides* and *E. ochrophloia*. **New Host Record:** adults on flowers of *Leptospermum flavescens* [Myrtaceae] (NSW49).
- Castiarina flavoviridis*** (Carter 1927: 227, *Stigmodera*); Bellamy 2002: 229; Barker 2006: 150.
Biology/Ecology: Carter 1933b: 116, 119.
Host plant: adults on flowers of *Leptospermum lanigerum* [Myrtaceae]. **New Host Record:** adults on flowers of adults on flowers of *Ozothamnus ?thyrsoides* [Asteraceae] (NSW62).
- Castiarina forresti*** (Barker 1983: 154, *Stigmodera*); Bellamy 2002: 230; Barker 2006: 74.
Biology/Ecology: Barker 1983: xx; Bellamy 2002: 230.
Host plant: adults on flowers of *Verticordia forrestii* F. Muell. [Myrtaceae].
- Castiarina galactica*** Barker 1990b: 173; Bellamy 2002: 231; Barker 2006: 75.
Biology/Ecology: Barker 1990b: 174; Bellamy 2002: 231.
Host plant: adults on flowers of *Melaleuca huegelii* [Myrtaceae].
- Castiarina garnettensis*** (Barker 1989: 192, *Stigmodera*); Bellamy 2002: 231; Barker 2006: 247.
Host plants: **New Host Record:** adults on flowers of *Bursaria spinosa* [Pittosporaceae] (NQLD4).
- Castiarina garrawillae*** (Carter 1931b: 348 (*Stigmodera*, nom. nov.: *campestris* Kerremans 1898); Bellamy 2002: 231; Barker 2006: 91.
Biology/Ecology: Carter 1933b: 150.
Host plant: adults on *Leptospermum* sp. [Myrtaceae].
- Castiarina gentilis*** (Kerremans 1900: 316, *Stigmodera*); Bellamy 2002: 231; Barker 2006: 186.
Biology/Ecology: Williams and Williams 1983: 87; Williams 1995; Bellamy 2002: 232.

Host plant: adults on flowers of *Leptospermum flavescens* [Myrtaceae]. **New Host Records:** adults on flowers of *Cassinia* sp. [Asteraceae] (NSW14), *Syzygium floribundum* (NSW134) and *Syzygium smithii* [Myrtaceae] (NSW70).

Castiarina gibbicollis (Saunders 1868b: 470, *Stigmodera*); Bellamy 2002: 232; Barker 2006: 106.

Biology/Ecology: Goudie 1920: 33.

Host plants: **New Host Record:** adults on flowers of *Baeckea* sp. [Myrtaceae] (NSW101, QLD3).

Castiarina gilberti Barker 2004: 200; 2006: 151.

Biology/Ecology: Barker 2004: 200.

Host plants: adults on flowers of *Baeckea* sp., *Eucalyptus* sp., *Leptospermum* sp. and *Melaleuca lineariifolia* [Myrtaceae].

Castiarina goodingi (Barker 1983: 154, *Stigmodera*); Bellamy 2002: 232; Barker 2006: 292.

Host plants: **New Host Records:** adults on flowers of *Kunzea* sp. (NSW18) and *Leptospermum* sp. [Myrtaceae] (NSW113).

Castiarina grata (Saunders 1869: 10, *Stigmodera*); Bellamy 2002: 233; Barker 2006: 91.

Biology/Ecology: Tepper 1887: 18; Williams and Williams 1983: 87; Bellamy 2002: 233.

Host plants: adults on flowers of *Calytrix* sp., *Leptospermum flavescens* and *Leptospermum* sp. [Myrtaceae].

Castiarina guttaticollis (Blackburn 1890a: 157, *Stigmodera*); Bellamy 2002: 234; Barker 2006: 93.

Biology/Ecology: Hawkeswood 1987c: 59, plate 77 (as *biguttata*); 2007c: 1.

Host plant: adults on flowers of *Angophora woodsiana* [Myrtaceae].

Castiarina hasenpuschi Barker 1993: 23; Bellamy 2002: 235; Barker 2006: 152.

Host plants: **New Host Records:** adults on flowers of *Geissois biagiana* [Cunoniaceae] and *Cardwellia sublimis* [Proteaceae] (QLD1)

Castiarina haswelli (Carter 1916: 103, 128, *Stigmodera*); Bellamy 2002: 235; Barker 2006: 50.

Host plants: **New Host Record:** adults on flowers of *Baeckea* sp. [Myrtaceae] (QLD2).

Castiarina hawkeswoodi (Peterson 1987: 275, *Stigmodera*, *nom. nov.*: *fusca* Barker 1986); Bellamy 2002: 236; Barker 2006: 177.

Host plants: **New Host Records:** adults on flowers of *Geissois biagiana* [Cunoniaceae] (NQLD1), *Cardwellia sublimis* [Proteaceae] (NQLD1) and *Grevillea baileyana* [Proteaceae] (NQLD6).

Castiarina helmsi (Carter 1906: 259, *Stigmodera*); Bellamy 2002: 236; Barker 2006: 315.

Biology/Ecology: Carter 1933b: 116, 125.

Host plants: adults on flowers of *Leptospermum lanigerum* and *Leptospermum* spp. [Myrtaceae].

Castiarina hemizostera Barker 1996: 58; Bellamy 2002: 236; Barker 2006: 187.

Host plants: **New Host Records:** adults on flowers of *Geissois biagiana* [Cunoniaceae] and *Cardwellia sublimis* [Proteaceae] (NQLD1).

Castiarina hilaris (Hope 1846a: 63, *Stigmodera*); Bellamy 2002: 236; Barker 2006: 220.

Biology/Ecology: Williams and Williams 1983: 87; Hawkeswood 1986c: 443 1990c: 72; 1993a: 443; Webb 1994c: 239; Bellamy 2002: 236.

Host plants: adults on flowers of *Callistemon sieberi* [Myrtaceae] and *Bursaria spinosa* [Pittosporaceae]. **New Host Records:** adults on flowers of *Helichrysum* sp. [Asteraceae] (NSW20), *Eucalyptus* sp. (NSW94), *Kunzea* sp. (NSW16) and *Leptospermum* sp. [Myrtaceae] (ACT3 , QLD9).

- Castiarina hilleri*** (Barker 1986: 21, *Stigmodera*), 31; Bellamy 2002: 237; Barker 2006: 311.
Biology/Ecology: Barker 1986: 21; Bellamy 2002: 237.
Host plant: adults on flowers of *Barklya* sp. [Fabaceae].
- Castiarina hoffmanseggii*** (Hope 1846a: 62, *Stigmodera*); Bellamy 2002: 237; Barker 2006: 286.
Biology/Ecology: Williams and Williams 1983: 87; Turner and Hawkeswood 1994c: 46; Bellamy 2002: 238.
Host plants: adults on flowers of *Leptospermum flavescens* and *L. morrisonii* [Myrtaceae].
- Castiarina humeralis*** (Kerremans 1903a: 207, *Stigmodera*); Bellamy 2002: 238; Barker 2006: 106.
Host plants: **New Host Records:** adults on flowers of *Cassinia* sp./spp. [Asteraceae] (NSW33), *Ceratopetalum* sp./spp. [Cunoniaceae] (NSW79), *Baeckea* sp. (NSW72), *Kunzea* sp. (NSW16), *Leptospermum* sp. (NSW67) and *Syzygium* sp. (NSW118) [Myrtaceae].
- Castiarina ignota*** (Saunders 1869: 12, *Stigmodera*); Bellamy 2002: 239; Barker 2006: 266.
Biology/Ecology: Williams and Williams 1983: 87; Bellamy 2002: 239.
Host plant: adults on flowers of *Leptospermum flavescens* [Myrtaceae].
- Castiarina imitator*** (Carter 1930a: 180, *Stigmodera*); Bellamy 2002: 239; Barker 2006: 187.
Biology/Ecology: Williams and Williams 1983: 87; Turner and Hawkeswood 1994c: 46; Bellamy 2002: 240.
Host plants: adults on flowers of *Kunzea ambigua*, *Leptospermum flavescens*, *L. morrisonii* and *Leptospermum* sp. [Myrtaceae].
- Castiarina inconspicua*** (Saunders 1868b: 476, *Stigmodera*); Bellamy 2002: 240; Barker 2006: 113.
Host plants: **New Host Record:** adults on flowers of *Leptospermum* sp. [Myrtaceae] (NSW72).
- Castiarina indigesta*** Barker 1993: 18; Bellamy 2002: 241; Barker 2006: 86.
Host plants: **New Host Records:** adults on flowers of *Bursaria spinosa* [Pittosporaceae] (NQLD4) and *Homalium brachybotrys* [Salicaceae] (NQLD6).
- Castiarina indistincta*** (Saunders 1869: 11, *Stigmodera*); Bellamy 2002: 241; Barker 2006: 300.
Biology/Ecology: Froggatt 1914: 18; Williams and Williams 1983: 87; Webb 1987a: 61; Bellamy 2002: 241.
Host plants: adults on flowers of *Angophora hispida* and *Leptospermum flavescens* [Myrtaceae].
- Castiarina inermis*** (Kerremans 1890a: xlv, *Stigmodera*); Bellamy 2002: 242; Barker 2006: 234.
Host plants: **New Host Record:** adults on flowers of *Bursaria spinosa* [Pittosporaceae] (NQLD4).
- Castiarina inflata*** (Barker 1980: 5, *Stigmodera*); Bellamy 2002: 242; Barker 2006: 173.
Biology/Ecology: Hawkeswood 1981b: 152; 1986c: 444; 1990c: 72; 1993a: 444; Webb 1994c: 239; Bellamy 2002: 242.
Host plant: adults on flowers of *Bursaria spinosa* [Pittosporaceae].
- Castiarina insculpta*** (Carter 1934: 255, *Stigmodera*); Bellamy 2002: 242; Barker 2006: 227.
Biology/Ecology: Cowie 2001: 8; Bellamy 2002: 242.
Host plant: possibly *Leptospermum* spp. [Myrtaceae].
- Castiarina insignis*** (Blackburn 1892b: 217, *Stigmodera*); Bellamy 2002: 243; Barker 2006: 234.
Biology/Ecology: Hawkeswood 1987c: 60, plate 79 (as *caudata*); Williams 1995; Williams and Adam 1998: 52; Bellamy 2002: 243.
Host plant: adults on flowers of *Angophora woodsiana* [Myrtaceae]. **New Host Records:** adults on flowers of *Kunzea* sp. (NSW16) and *Leptospermum* sp. (NSW126), *Syzygium floribundum* (NSW133),

Syzygium smithii (NSW70), *Tristaniopsis laurina* (NSW133) [Myrtaceae] and *Cuttsia viburnea* [Rousseaceae] (NSW73).

Castiarina insularis (Blackburn 1897: 30, *Stigmodera*); Bellamy 2002: 243; Barker 2006: 249.

Biology/Ecology: Carter 1933b: 116; Bashford 1990: 16; Cowie 2001: 9; Hawkeswood 2002b: 41; Bellamy 2002: 243; Hawkeswood 2007n: 1.

Host plants: larvae/adults *Eucalyptus* sp. [Myrtaceae]; adults on flowers of *Eucalyptus* spp., *Leptospermum lanigerum* and *Leptospermum* spp. [Myrtaceae].

Castiarina jackhasenpuschi Barker 1996: 57; Bellamy 2002: 244; Barker 2006: 163.

Host plants: **New Host Records:** adults on flowers of *Geissois biagiana* [Cunoniaceae] and *Cardwellia sublimis* [Proteaceae] (QLD1).

Castiarina jeanae (Barker 1983: 164, *Stigmodera*); Bellamy 2002: 244; Barker 2006: 288.

Host plants: **New Host Record:** adults on flowers of *Leptospermum* sp. [Myrtaceae] (NSW63).

Castiarina jekellii (Saunders 1868b: 467, *Stigmodera*); Bellamy 2002: 244; Barker 2006: 253.

Biology/Ecology: Tepper 1887: 19; Goudie 1920: 33.

Host plants: adults on flowers of *Eucalyptus gracilis* and other mallee species, and other myrtaceous shrubs [Myrtaceae].

Castiarina jubata (Blackburn 1890a: 150, *Stigmodera*); Bellamy 2002: 245; Barker 2006: 203.

Biology/Ecology: Cowie 2001: 9; Bellamy 2002: 245.

Host plant: adults on *Leptospermum* sp. [Myrtaceae].

Castiarina jucunda (Saunders 1868b: 481, *Stigmodera*); Bellamy 2002: 246; Barker 2006: 249.

Biology/Ecology: Hawkeswood 1986c: 443; 1993a: 443; Bellamy 2002: 246.

Host plants: adults on flowers of *Bursaria spinosa* [Pittosporaceae]. **New Host Records:** adults on flowers of *Leptospermum* sp. [Myrtaceae] (NSW1, NSW43) and *Conospermum* sp. [Proteaceae] (QLD5).

Castiarina kanangara (Barker 1987: 145, *Stigmodera*); Bellamy 2002: 246; Barker 2006: 266.

Biology/Ecology: Turner and Hawkeswood 1994c: 46; Bellamy 2002: 246.

Host plant: adults on flowers of *Leptospermum polygalifolium* [Myrtaceae]. **New Host Records:** adults on flowers of *Baeckea* sp. (NSW73) and *Kunzea* sp. (NSW16) [Myrtaceae].

Castiarina kempsteri (Barker 1986: 12, *Stigmodera*), 31; Bellamy 2002: 246; Barker 2006: 133.

Biology/Ecology: Barker 1986: 12; Bellamy 2002: 246.

Host plant: adults on flowers of *Eremophila* sp. [Scrophulariaceae].

Castiarina kerremansi (Blackburn 1890a: 147 (*Stigmodera*, *nom. nov.*: *apicalis* Kerremans 1890); Bellamy 2002: 247; Barker 2006: 187.

Biology/Ecology: Froggatt 1914: 18; Hawkeswood 1978: 260; Williams and Williams 1983: 87; Hawkeswood 1987a: 266; Webb 1987a: 61; Turner and Hawkeswood 1994c: 46; Bellamy 2002: 247.

Host plants: adults on flowers of *Angophora bakeri*, *A. floribunda*, *A. hispida*, *Eucalyptus* sp., *Leptospermum flavescens*, *L. polygalifolium* and *Leptospermum* sp. [Myrtaceae].

Castiarina kershawi (Carter 1924b: 522, *Stigmodera*); Bellamy 2002: 247; Barker 2006: 187.

Biology/Ecology: Carter 1933b: 162; Williams and Williams 1983: 87; Turner and Hawkeswood 1994c: 46; Bellamy 2002: 247.

Host plants: adults on flowers of *Leptospermum flavescens*, *L. morrisonii*, *L. polygalifolium* and *Leptospermum* sp. [Myrtaceae].

Castiarina keyzeri Barker 2005: 61; 2006: 152.

Biology/Ecology: Barker 2005: 61.

Host plant: adults on flowers of *Grevillea pterosperma* [Proteaceae].

Castiarina kiatae (Barker 1980: 6, *Stigmodera*); Bellamy 2002: 247; Barker 2006: 308.

Host plants: **New Host Record:** adults on flowers of *Leptospermum* sp. (VIC1) [Myrtaceae].

Castiarina kirbyi (Guérin-Méneville 1830: 65, *Buprestis*); Bellamy 2002: 247; Barker 2006: 129.

Biology/Ecology: Hawkeswood 1978: 260; Williams and Williams 1983: 87; Webb 1987a: 61; Turner and Hawkeswood 1994c: 46; Bellamy 2002: 248.

Host plants: adults on flowers of *Epacris microphylla* [Epacridaceae], *Dillwynia brunioides* [Fabaceae], *Angophora bakeri*, *A. hispida*, *Leptospermum flavescens*, *L. morrisonii*, *L. parvifolium* and *L. trinervium* [Myrtaceae]. **New Host Record:** adults on flowers of *Pultenaea* sp. [Fabaceae] (NSW86).

Castiarina klugii (Gory and Laporte 1838: 27, *Stigmodera*); Bellamy 2002: 248; Barker 2006: 281.

Biology/Ecology: Froggatt 1914: 18; Carter 1933b: 36; Williams and Williams 1983: 87; Webb 1987a: 61; Turner and Hawkeswood 1994c: 46; Bellamy 2002: 248.

Host plants: adults on flowers of *Angophora hispida*, *Kunzea ambigua* and *Leptospermum flavescens* [Myrtaceae].

Castiarina laena (Thomson 1879a: 36, *Stigmodera*); Bellamy 2002: 248; Barker 2006: 174.

Biology/Ecology: Hawkeswood 1987c: 58, plate 76.

Host plants: adults on flowers of various native daisy species, *Helichrysum* spp. [Asteraceae] and *Leptospermum* spp. [Myrtaceae].

Castiarina latipes (Carter 1924a: 21, *Stigmodera*); Bellamy 2002: 249; Barker 2006: 221.

Host plants: **New Host Record:** adults on flowers of *Eucalyptus* sp. [Myrtaceae] (NSW94).

Castiarina leai (Carter 1916: 100, 136, *Stigmodera*); Bellamy 2002: 249; Barker 2006: 311.

Biology/Ecology: Cowie 2001: 10; Bellamy 2002: 249.

Host plants: adults on *Olearia* spp. [Asteraceae], *Baeckea* spp. and *Leptospermum* spp. [Myrtaceae]

Castiarina liliputana (Thomson 1857: 114, *Stigmodera*); Bellamy 2002: 250; Barker 2006: 293.

Biology/Ecology: Carter 1933b: 44; Williams 1995; Bellamy 2002: 250.

Host plant: adults on *Allocasuarina littoralis*, *A. nana* and *A. torulosa* [Casuarinaceae]. **New Host Records:** adults on flowers of *Cassinia* sp. [Asteraceae], *Geissois biagiana* [Cunoniaceae] (NQLD1), *Buckinghamia celcissima* (NQLD6), *Cardwellia sublimis* (NQLD1), *Darlingia darlingiana* (NQLD6), *Grevillea baileyana* (NQLD6) [Proteaceae], *Psydrax odorata* [Rubiaceae] (NQLD6), *Leptospermum* sp. (NSW67), *Syzygium floribundum* (NSW133), *Syzygium smithii* (NSW54) and *Tristaniopsis laurina* (NSW133) [Myrtaceae].

Castiarina lisaejessicae Hawkeswood and Turner 2009: 199.

Biology/Ecology: Hawkeswood and Turner 2009: 199

Host plant: adults on *Leptospermum morrisonii* [Myrtaceae].

Castiarina loriae (Kerremans 1895: 358, *Stigmodera*); 1903a: 213; Bellamy 2002: 251; Barker 2006: 337.

Biology/Ecology: Hawkeswood 1990b: 25.

Host plants: **New Host Records:** adults on flowers of *Bursaria spinosa* [Pittosporaceae] (NQLD4) and *Homalium brachybotrys* [Salicaceae] (NQLD6).

Castiarina lukini (Barker 1986: 24, *Stigmodera*), 32; Bellamy 2002: 251; Barker 2006: 129.

Biology/Ecology: Barker 1986: 25.

Host plant: adults on flowers of *Baeckea* sp. [Myrtaceae].

Castiarina luteipennis (Gory 1841: 130, *Stigmodera*); Bellamy 2002: 251; Barker 2006: 230.

Biology/Ecology: Williams 1977: 82; Hawkeswood 1978: 260; Williams and Williams 1983: 87; Webb 1987a: 61.

Host plants: adults on flowers of *Angophora hispida* and *Leptospermum flavescens*. **New Host Records:** adults on flowers of *Eucalyptus* sp. (NSW51), *Kunzea* sp. (NSW16) and *Leptospermum* sp. (NSW64) [Myrtaceae].

Castiarina luteofusca Barker 1993: 23; Bellamy 2002: 252; Barker 2006: 240.

Host plants: **New Host Records:** adults on flowers of *Geissois biagiana* [Cunoniaceae] and *Cardwellia sublimis* [Proteaceae] (NQLD1).

Castiarina macarthuri Barker 2005: 63; 2006: 133.

Biology/Ecology: Barker 2005: 63.

Host plant: adults on flowers of *Eremophila scoparia* [Scrophulariaceae].

Castiarina macmillani (Barker 1979: 8, *Stigmodera*); Bellamy 2002: 252; Barker 2006: 140.

Biology/Ecology: Hangay and Zborowski 2010: 108.

Castiarina macquillani (Barker 1988: 136, *Stigmodera*); Bellamy 2002: 252; Barker 2006: 204.

Biology/Ecology: Barker 1988: 137; Cowie 2001: 10.

Host plant: adults on *Leptospermum rupestre* [Myrtaceae].

Castiarina marginicollis (Saunders 1868b: 469, *Stigmodera*); Bellamy 2002: 254; Barker 2006: 97.

Biology/Ecology: Goudie 1920: 33.

Castiarina markgoldingi Barker 2004: 201; 2006: 79.

Biology/Ecology: Barker 2004: 202.

Host plant: adults on flowers of *Dicrastylis* sp. [Lamiaceae].

Castiarina melrosensis (Barker 1986: 13, *Stigmodera*); Bellamy 2002: 255; Barker 2006: 220.

Biology/Ecology: Barker 1986: 16; Bellamy 2002: 255.

Host plant: adults on flowers of *Bursaria spinosa* [Pittosporaceae].

Castiarina metallica (Barker 1979: 5, *Stigmodera*); Bellamy 2002: 255; Barker 2006: 295.

Biology/Ecology: Barker 1979: 5; Bellamy 2002: 255.

Host plant: adults on flowers of *Eucalyptus oldfieldii* [Myrtaceae].

Castiarina michaelpowelli Barker 2005: 64; 2006: 77.

Biology/Ecology: Barker 2005: 64.

Host plant: adults on foliage of *Micromyrtus* sp. [Myrtaceae].

Castiarina mima (Saunders 1868b: 479, *Stigmodera*); Bellamy 2002: 256; Barker 2006: 301.

Host plants: **New Host Record:** adults on flowers of *Kunzea* sp. [Myrtaceae] (NSW94).

Castiarina minuta (Blackburn 1892a: 44, *Stigmodera*); Bellamy 2002: 256; Barker 2006: 175.

Biology/Ecology: Carter 1933b: 198; Williams 1995; Bellamy 2002: 256.

Host plant: adults on flowers of *Leptospermum* sp. [Myrtaceae]. **New Host Records:** adults on flowers of *Drypetes deplanchei* (NSW105) [Euphorbiaceae], *Eucalyptus* sp. (NSW94), *Kunzea* sp. (NSW94), *Syzygium floribundum* (NSW133), *Syzygium smithii* (NSW54) and *Tristaniopsis laurina* (NSW133) [Myrtaceae].

Castiarina moribunda (Saunders 1869: 18, *Stigmodera*); Bellamy 2002: 257; Barker 2006: 227.

Biology/Ecology: Goudie 1920: 32; Williams and Williams 1983: 88 (as *rotundata*); Webb 1987a: 61; Bellamy 2002: 256.

Host plants: adults on flowers of *Angophora hispida* and *Leptospermum flavescens* [Myrtaceae].

Castiarina mustelamajor (Thomson 1857: 115, *Stigmodera*); Bellamy 2002: 257; Barker 2006: 79.

Biology/Ecology: Tepper 1887: 19; Goudie 1920: 32; Hawkeswood 1982a: 31; 1987c: 56, plate 60; Bellamy 2002: 258.

Host plants: adults on flowers of *Angophora woodsiana*, *Angophora* spp., *Eucalyptus cylindriflora*, *E. paniculata*, *Eucalyptus* spp. and *Melaleuca pauperiflora* [Myrtaceae]. **New Host Records:** adults on flowers of *Leptospermum flavescens* [Myrtaceae] (NSW71) and *Bursaria spinosa* [Pittosporaceae] (QLD4).

Castiarina nasata (Saunders 1869: 15, *Stigmodera*); Bellamy 2002: 258; Barker 2006: 217.

Biology/Ecology: (as *nasuta*): Williams and Williams 1983: 87; Webb 1986b: 172; Bellamy 2002: 258; Hangay and Zborowski 2010: 110.

Host plants: adults on flowers of *Kunzea ericoides*, *Leptospermum flavescens* and *Leptospermum* sp. [Myrtaceae]. **New Host Record:** adults on flowers of *Eucalyptus* sp./spp. [Myrtaceae] (NSW4, NSW43, NSW111, QLD15).

Castiarina neglecta (Carter 1916: 123, *Stigmodera*); Bellamy 2002: 259; Barker 2006: 309.

Biology/Ecology: Brooks 1948a: 27; Williams and Williams 1983: 87; Williams 1995; Williams and Adam 1998: 52; 2001: 246; Bellamy 2002: 259.

Host plants: adults on flowers of *Corymbia gummifera* and *Leptospermum flavescens* [Myrtaceae]. **New Host Record:** adults on flowers of *Alphitonia excelsa* [Rhamnaceae] (NSW60).

Castiarina oblita (Carter 1931b: 347, *Stigmodera*); Bellamy 2002: 260; Barker 2006: 175.

Biology/Ecology: Hawkeswood 1981b: 152; 1990c: 72; 1993a: 444; Turner and Hawkeswood 1994c: 46; Webb 1994c: 239; Williams 1995; Williams and Adam 2001: 246; Bellamy 2002: 260.

Host plant: adults on flowers of *Leptospermum polygalifolium* [Myrtaceae] and *Bursaria spinosa* [Pittosporaceae]. **New Host Records:** adults on flowers of *Eucalyptus* sp. (NSW94), *Kunzea* sp. (NSW16), *Leptospermum* sp. (NSW116) [Myrtaceae], *Alphitonia excelsa* [Rhamnaceae] (NSW 76).

Castiarina obsepta (Kerremans 1890a: xlv, *Stigmodera*); Bellamy 2002: 261; Barker 2006: 209.

Host plants: **New Host Record:** adults on flowers of *Bursaria spinosa* (QLD4) [Pittosporaceae].

Castiarina occidentalis (Barker 1979: 9, *Stigmodera*); Bellamy 2002: 261; Barker 2006: 288.

Biology/Ecology: Barker 1979: 10.

Host plant: adults on flowers of *Nuytsia floribunda* [Loranthaceae].

Castiarina ocelligera (Gory 1841: 133, *Stigmodera*); Bellamy 2002: 261; Barker 2006: 195.

Biology/Ecology: Carter 1933b: 169, 176; Bashford 1990: 16; Cowie 2001: 11; Bellamy 2002: 261.

Host plants: adults on *Daucus carota* [Apiaceae], *Helichrysum* spp., *Olearia* spp. [Asteraceae], *Leptospermum scoparium*, *Leptospermum* spp. [Myrtaceae] and *Bursaria spinosa* [Pittosporaceae].

Castiarina ochreiventris (Saunders 1869c: 8, *Stigmodera*); Bellamy 2002: 262; Barker 2006: 267.

Host plants: **New Host Records:** adults on flowers of *Baeckea* sp., *Eucalyptus* sp. and *Leptospermum* sp. [Myrtaceae] (NSW94, NSW100, NSW104, NSW107).

Castiarina octomaculata (Saunders 1868b: 472, *Stigmodera*); Bellamy 2002: 262; Barker 2006: 305.

Biology/Ecology: Tepper 1887: 19; Williams and Williams 1983: 87; Webb 1987a: 61; Bellamy 2002: 262.

Host plants: adults on flowers of *Angophora hispida*, *Leptospermum flavescens* and *Leptospermum* sp. **New Host Record:** adults on flowers of *Kunzea* sp. [Myrtaceae] (NSW16).

Castiarina octosignata (Carter 1919: 139, *Stigmodera*); Bellamy 2002: 263; Barker 2006: 158.

Biology/Ecology: Brooks 1948a: 27; Bellamy 2002: 263.

Host plant: adults on flowers of *Corymbia torelliana* [Myrtaceae]. **New Host Records:** adults on flowers of *Geissois biagiana* [Cunoniaceae] and *Cardwellia sublimis* [Proteaceae] (NQLD1)

Castiarina octospilota (Gory and Laporte 1838: 28, *Stigmodera*); Bellamy 2002: 263; Barker 2006: 68.

Biology/Ecology: Tepper 1887: 18; Froggatt 1914: 18; Carter 1933b: 212 (*octospilota* var.); Brooks 1969: 3; Williams 1977: 82; Hawkeswood 1978: 260; Williams and Williams 1983: 88; Webb 1986b: 172; Hawkeswood 1987a: 266; 1987b: 288; 1987c: 57, plate 73; Webb 1987a: 61; Hawkeswood 1991a: 57; Webb 1994a: 61; Turner and Hawkeswood 1994c: 46; Bellamy 2002: 263.

Host plants: adults on flowers of *Angophora hispida*, *Baeckea stenophylla*, *Corymbia polycarpa*, *Eucalyptus acmenioides*, *Kunzea ambigua*, *K. ericoides*, *Leptospermum flavescens*, *L. juniperinum*, *L. myrtifolium*, *L. polygalifolium*, *L. trinervium* and *Leptospermum* sp. [Myrtaceae].

Castiarina pallidipennis (Blackburn 1890a: 154, *Stigmodera*); Bellamy 2002: 265; Barker 2006: 189.

Host plants: **New Host Record:** adults on flowers of *Eucalyptus* sp. [Myrtaceae] (WA1).

Castiarina pallidiventris (Gory and Laporte 1838: 42, *Stigmodera*); Bellamy 2002: 265; Barker 2006: 75.

Biology/Ecology: Carter 1933b: 212.

Host plant: adults on flowers of *Leptospermum* sp.. **New Host Record:** adults on flowers of *Calytrix* sp. [Myrtaceae] (VIC10).

Castiarina parallela (White 1859: 119, *Stigmodera*); Bellamy 2002: 265; Barker 2006: 60.

Biology/Ecology: Tepper 1887: 19 (as *elongatula*); Goudie 1920: 32 (as *elongatula*); Oke 1924: 11; Williams and Williams 1983: 88; Webb 1987a: 61; Bellamy 2002: 265; Hawkeswood 2007n: 2.

Host plants: larvae in *Dodonaea* sp. [Sapindaceae]; adults on flowers of *Angophora hispida*, *Calytrix tetragona*, *Kunzea ambigua*, *Leptospermum flavescens*, *L. parvifolium*, *L. polygalifolium*, *L. trinervium*, *Leptospermum* sp. [Myrtaceae], *Eriostemon australasius* [Rutaceae], flowering shrubs on white sand-hills and purple daisies.

Castiarina parallelipennis (Obenberger 1934a: 725, *Stigmodera*, *nom. nov.*: *parallela* Saunders 1869); Bellamy 2002: 266; Barker 2006: 130.

Host plants: **New Host Records:** adults on flowers of *Baeckea* sp. and *Leptospermum* sp./spp. [Myrtaceae] (NSW49, NSW94, NSW101).

Castiarina parvula (Deuquet 1956: 155, *Stigmodera*); Bellamy 2002: 266; Barker 2006: 220.

Biology/Ecology: Hawkeswood 1986c: 444; 1993a: 444; Bellamy 2002: 266.

Host plant: adults on flowers of *Callistemon sieberi* [Myrtaceae].

Castiarina pearsoni (Barker 1986: 17, *Stigmodera*); Bellamy 2002: 266; Barker 2006: 308.

Biology/Ecology: Barker 1986: 20.

Host plant: adults on flowers of *Leptospermum* sp. [Myrtaceae].

Castiarina pertii (Gory and Laporte 1838: 23, *Stigmodera*); Bellamy 2002: 267; Barker 2006: 304.

Biology/Ecology: Williams and Williams 1983: 88; Hawkeswood 1987c: 56, plate 70; Bellamy 2002: 267.

Host plants: adults on flowers of *Leptospermum* spp., *Melaleuca armillaris* and *Melaleuca* spp. [Myrtaceae]. **New Host Record:** adults on flowers of *Eucalyptus* sp. [Myrtaceae] (NSW116).

Castiarina phaeorrhaea (Kirby 1818b: 456, *Buprestis*); Bellamy 2002: 267; Barker 2006: 218.

Host plants: **New Host Records:** adults on flowers of *Bursaria spinosa* (NQLD4) [Pittosporaceae] and *Homalium brachybotrys* (NQLD6) [Salicaceae].

Castiarina pictipennis (Saunders 1868b: 471, *Stigmodera*); Bellamy 2002: 268; Barker 2006: 216.

Biology/Ecology: Hangay and Zborowski 2010: 109.

Host plants: none recorded.

Castiarina piliventris (Saunders 1868b: 474, *Stigmodera*); Bellamy 2002: 268; Barker 2006: 153.

Biology/Ecology: Tepper 1887: 19; Williams and Williams 1983: 88; Webb 1987a: 61; Bellamy 2002: 268.

Host plants: adults on flowers of *Angophora hispida*, *Leptospermum flavescens* [Myrtaceae] and *Hakea rugosa* [Proteaceae].

Castiarina placens (Kerremans 1898: 143, *Stigmodera*); Bellamy 2002: 269; Barker 2006: 270.

Biology/Ecology: Goudie 1920: 33.

Castiarina placida (Thomson 1879a: 33, *Stigmodera*); Bellamy 2002: 269; Barker 2006: 153.

Biology/Ecology: Hawkeswood 1981c: 17.

Host plant: adults on flowers of *Nuytsia floribunda* [Loranthaceae].

Castiarina planata (Carter 1916: 96, 133, *Stigmodera*); Bellamy 2002: 269; Barker 2006: 192.

Biology/Ecology: Brooks 1965: 30 (as *auricollis*); 1969: 4 (as *auricollis*); Goudie 1920: 33 (as *auricollis*).

Host plants: adults on *Corymbia polycarpa* and *Eucalyptus moluccana* [Myrtaceae].

Castiarina praetermissa (Carter 1921a: 306, *Stigmodera*); Bellamy 2002: 271; Barker 2006: 222.

Biology/Ecology: Williams and Williams 1983: 88; Williams 1985: 42; Bellamy 2002: 270; Hawkeswood 2002b: 41; 2007n: 2.

Host plants: larvae in *Eucalyptus microcorys*; adults on flowers of *Leptospermum flavescens*, *L. polygalifolium* and *Leptospermum* sp. [Myrtaceae]. **New Host Records:** adults on flowers of *Kunzea* sp. (NSW16) and *Syzygium floribundum* (NSW133) [Myrtaceae].

Castiarina producta (Saunders 1868b: 482, *Stigmodera*); Bellamy 2002: 271; Barker 2006: 145.

Biology/Ecology: Hawkeswood and Peterson 1982: 246; Williams and Williams 1983: 89; Hawkeswood 1987c: 57, plate 72; Webb 1987a: 61; Williams 1995; Turner and Hawkeswood 1998a: 203; Williams and Adam 1998: 52; 2001: 246; Bellamy 2002: 271; Hawkeswood 2007n: 2.

Host plants: larvae in and adults on flowers of *Muellerina eucalyptoides* [Loranthaceae]; *Angophora hispida*, *Angophora* spp., *Eucalyptus* spp., *Leptospermum polygalifolium* and *L. flavescens* [Myrtaceae]. **New Host Records:** adults on flowers of *Euroschinus falcata* [Anacardiaceae] (NSW60), *Ceratopetalum* sp. [Cunoniaceae] (NSW81), *Kunzea* sp. (NSW16), *Syzygium floribundum* (NSW133), *Syzygium smithii* (NSW70), *Tristaniopsis laurina* (NSW133) [Myrtaceae], *Alphitonia excelsa* [Rhamaceae] (NSW76), *Cuttsia viburnea* [Rousseaceae] (NSW16), *Scolopia braunii* [Salicaceae] (NSW60) and *Guioa semiglaucula* [Sapindaceae] (NSW60).

Castiarina prolata Barker 1995: 152; Bellamy 2002: 272; Barker 2006: 277.

Host plants: **New Host Records:** adults on flowers of *Geissois biagiana* [Cunoniaceae] and *Cardwellia sublimis* [Proteaceae] (QLD1)

Castiarina puella (Saunders 1869c: 25, *Stigmodera*); Bellamy 2002: 272; Barker 2006: 292.

Biology/Ecology: Hawkeswood 1978: 260; Bellamy 2002: 273.

Host plant: adults on flowers of *Leptospermum flavescens* [Myrtaceae]. **New Host Records:** adults on flowers of *Bursaria spinosa* [Pittosporaceae] (QLD4), *Melicope platynema* [Rutaceae] (QLD6) and *Homalium brachybotrys* [Salicaceae] (QLD6).

Castiarina pulchripes (Blackburn 1897: 31, *Stigmodera*); Bellamy 2002: 273; Barker 2006: 218.

Biology/Ecology: Williams and Williams 1983: 88; Williams 1995; Williams and Adam 1998: 52; Bellamy 2002: 273.

Host plant: adults on flowers of *Leptospermum flavescens*, [Myrtaceae]. **New Host Records:** adults on flowers of *Kunzea* sp. (NSW17), *Syzygium floribundum* (NSW133), *Syzygium smithii* (NSW54) [Myrtaceae] and *Cuttsia viburnea* [Rousseaceae] (NSW73).

Castiarina pulla (Barker 1986: 24, *Stigmodera*), 33; Bellamy 2002: 273; Barker 2006: 299.

Host plants: **New Host Record:** adults on flowers of *Leptospermum flavescens* (NSW135) [Myrtaceae].

Castiarina punctatissima (Saunders 1869c: 24, *Stigmodera*); Bellamy 2002: 274; Barker 2006: 134.

Host plants: **New Host Record:** adults on flowers of *Leptospermum flavescens* (NSW89) [Myrtaceae].

Castiarina punctatosulcata (Saunders 1869c: 24, *Stigmodera*); Bellamy 2002: 274; Barker 2006: 209.

Host plants: **New Host Records:** adults on flowers of *Eucalyptus* sp. (NSW93) and *Leptospermum* sp. (NSW2, NSW29, NSW124) [Myrtaceae].

Castiarina punctiventris (Saunders 1869: 17, *Stigmodera*); Bellamy 2002: 274; Barker 2006: 314.

Biology/Ecology: Goudie 1920: 32.

Castiarina puteolata (Carter 1939: 300, *Stigmodera*); Bellamy 2002: 275; Barker 2006: 133.

Biology/Ecology: Barker 1988: 141.

Host plant: adults on flowers of *Eremophila bignoniiflora* [Scrophulariaceae].

Castiarina quadrifasciata (Saunders 1868b: 477, *Stigmodera*); Bellamy 2002: 275; Barker 2006: 277.

Biology/Ecology: Barker 1993a: 25; Turner and Hawkeswood 1998a: 203; Hawkeswood 2007n: 3.

Host plant: larvae in and adults on flowers of *Dicrastylis georgei* [Lamiaceae].

Castiarina quadriplagiata (Carter 1930b: 535, *Stigmodera*); Bellamy 2002: 275; Barker 2006: 245.

Host plants: **New Host Record:** adults on flowers of *Bursaria spinosa* [Pittosporaceae] (NQLD4).

Castiarina rectifasciata (Saunders 1868b: 472, *Stigmodera*); Bellamy 2002: 276; Barker 2006: 228.

Biology/Ecology: Hawkeswood 1978: 260 (for *vigilans*); Williams and Williams 1983: 88; Webb 1987a: 61; Turner and Hawkeswood 1994c: 46; Webb 1994c: 239; Bellamy 2002: 277.

Host plants: adults on flowers of *Angophora bakeri*, *A. floribunda*, *Leptospermum flavescens*, *L. morrisonii*, *L. polygalifolium* [Myrtaceae] and *Bursaria spinosa* [Pittosporaceae].

Castiarina rediviva Barker 1990b: 173; Bellamy 2002: 277; Barker 2006: 76.

Biology/Ecology: Barker 1990b: 173; Bellamy 2002: 277.

Host plant: adults on flowers of *Eremophila* sp. [Scrophulariaceae].

Castiarina robusta (Saunders 1869c: 6, *Stigmodera*); Bellamy 2002: 277; Barker 2006: 281.

Biology/Ecology: Goudie 1920: 33; Hawkeswood 1981c: 17.

Host plant: adults on flowers of *Nuytsia floribunda* [Loranthaceae].

Castiarina rollei (Kerremans 1908: 63, *Stigmodera*); Bellamy 2002: 278; Barker 2006: 275.

Host plants: **New Host Records:** adults on flowers of *Buckinghamia celcissima*, *Grevillea baileyana*, *Macadamia whelanii* [Proteaceae] (NQLD6), *Psyrdrax odorata* [Rubiaceae] (NQLD6), *Melicope elleryana* (NQLD7) and *M. platynema* (NQLD6) [Rutaceae].

Castiarina rudis (Carter 1934: 256, *Stigmodera*); Bellamy 2002: 279; Barker 2006: 204.

Biology/Ecology: Barker 1980: 1; Cowie 2001: 11.

Host plant: adults on flowers of *Leptospermum* spp. [Myrtaceae].

Castiarina rufa (Barker 1986: 9, *Stigmodera*); Bellamy 2002: 279; Barker 2006: 107.

Biology/Ecology: Barker 1986: 9; Bellamy 2002: 279.

Host plant: adults associated with *Eremophila* sp. [Scrophulariaceae].

Castiarina rufipennis (Kirby 1818b: 456, *Buprestis*); Bellamy 2002: 279; Barker 2006: 241.

Biology/Ecology: Froggatt 1893b: 36; Gurney 1911: 58; Froggatt 1914: 18; Williams 1977: 82; Hawkeswood 1978: 260; Van den Berg 1980: 169; Hawkeswood 1981c: 17; Williams and Williams 1983: 88; Webb 1986a: 14; 1986b: 172; 1987a: 60; Hawkeswood 1987a: 266; Webb 1994c: 239; Williams 1995; Turner and Hawkeswood 1998a: 203; Cowie 2001: 12; Bellamy 2002: 280.

Host plants: larvae in *Acacia cyclops*, *Acacia ulicifolia*, *Acacia* spp. [Fabaceae]; adults on flowers of *Nuytsia floribunda* [Loranthaceae], *Angophora hispida*, *Eucalyptus sieberi*, *Kunzea ambigua*, *Leptospermum flavescens*, *L. myrtifolium*, *L. polygalifolium*, *L. scoparium*, *Leptospermum* spp., [Myrtaceae] and *Bursaria spinosa* [Pittosporaceae]. **New Host Records:** adults on flowers of *Ozothamnus diosmifolius*? [Asteraceae] (NSW20, NSW45) and *Syzygium smithii* [Myrtaceae] (NSW54).

Castiarina rufipes (Macleay 1863: 23, *Stigmodera*); Bellamy 2002: 280; Barker 2006: 68.

Host plants: **New Host Record:** adults on flowers of *Homalium brachybotrys* [Salicaceae] (NQLD6).

Castiarina rutila (Deuquet 1947: 200, *Stigmodera*); Bellamy 2002: 281; Barker 2006: 300.

Host plants: **New Host Record:** adults on flowers of *Leptospermum* spp. [Myrtaceae] (NSW2, NSW10, NSW29).

Castiarina sanguinolenta (Gory and Laporte 1838: 45, *Stigmodera*); Bellamy 2002: 282; Barker 2006: 195.

Biology/Ecology: Carter 1933b: 218; Hawkeswood 1981c: 17.

Host plants: adults on flowers of *Nuytsia floribunda* [Loranthaceae] and *Leptospermum* sp. [Myrtaceae].

Castiarina scalaris (Boisduval 1835: 89, *Buprestis*); Bellamy 2002: 282; Barker 2006: 196.

Biology/Ecology: Tepper 1887: 19 (as *cyanicollis*); Froggatt 1914: 18; Carter 1933b: 176; (as var. *viridis*) Hawkeswood 1978: 260; Williams and Williams 1983: 88; Webb 1986a: 14; Hawkeswood 1987a: 266; Webb 1987a: 61; 1987b: 147; Hawkeswood 1991a: 57; Turner and Hawkeswood 1994c: 46; Bellamy 2002: 283.

Host plants: adults on *Cassinia uncata*, *Ozothamnus obcordatus* [Asteraceae], flowers of *Angophora bakeri*, *A. hispida*, *Kunzea ambigua*, *Leptospermum flavescens*, *L. morrisonii*, *L. polygalifolium*, *L. trinervium*, *Leptospermum* sp. [Myrtaceae], *Bursaria spinosa* [Pittosporaceae] and *Hakea teretifolia* [Proteaceae]. **New Host Records:** adults on flowers of *Helichrysum* sp. [Asteraceae] (NSW20), *Kunzea* sp. [Myrtaceae] (NSW94) and *Xanthorrhoea* sp. [Xanthorrhoeaceae] (NSW59).

Castiarina scintillata (Barker 1983: 164, *Stigmodera*); Bellamy 2002: 283; Barker 2006: 289.

Host plants: **New Host Record:** adults on flowers of *Eucalyptus* sp. (NSW80) [Myrtaceae].

Castiarina semicineta (Gory and Laporte 1838: 19, *Stigmodera*); Bellamy 2002: 283; Barker 2006: 289.

Biology/Ecology: Froggatt 1914: 18; Williams and Williams 1983: 88; Webb 1987a: 61; Turner and Hawkeswood 1994c: 46; Bellamy 2002: 284.

Host plants: adults on flowers of *Angophora hispida*, *Leptospermum morrisonii*, *L. polygalifolium* and *Leptospermum* sp. [Myrtaceae].

Castiarina sexcavata (Deuquet 1938: 306, *Stigmodera*); Bellamy 2002: 285; Barker 2006: 222.

Biology/Ecology: Brooks 1969: 3.

Host plant: adults on *Eucalyptus acmenioides* [Myrtaceae].

Castiarina sexguttata (Macleay 1863: 29, *Stigmodera*); Bellamy 2002: 285; Barker 2006: 293.

Biology/Ecology: Williams 1977: 82; Williams and Williams 1983: 88; Webb 1986a: 14; Hawkeswood 1986c: 444; 1986d: 2; 1987a: 266; Webb 1987a: 60; Hawkeswood 1993a: 444; Bellamy 2002: 285.

Host plants: adults on flowers of *Angophora hispida*, *Callistemon sieberi*, *Kunzea ambigua*, *Leptospermum flavescens* and *Leptospermum* sp. **New Host Records:** adults on flowers of *Syzygium*

floribundum (NSW133), *Syzygium smithii* (NSW54) and *Tristaniopsis laurina* (NSW133) [Myrtaceae].

Castiarina sexnotata (Carter 1916: 98, 131, *Stigmodera*); Bellamy 2002: 286; Barker 2006: 78.

Biology/Ecology: Hawkeswood and Peterson 2004: 6.

Host plant: adults on flowers of *Eucalyptus foecunda* [Myrtaceae].

Castiarina sexplagiata (Gory 1841: 132, *Stigmodera*); Bellamy 2002: 286; Barker 2006: 153.

Biology/Ecology: Carter 1933b: 218 (as *hopei*); Brooks 1969: 3; Williams 1977: 82; Williams and Williams 1983: 88; Webb 1986a: 14; Webb 1986b: 172; Hawkeswood 1986d: 2; 1987a: 266; 1987c: 55, plate 67; Webb 1987a: 60; Burns and Burns 1988: 26; Hawkeswood 1991a: 57; Turner and Hawkeswood 1994c: 46; Bellamy 2002: 287; Hawkeswood 2007: 1.

Host plants: adults on flowers of *Angophora hispida*, *Angophora* spp., *Cassinia uncata*, *Cassinia* sp. [Asteraceae], *Eucalyptus acmenioides*, *E. ochrophloia*, *Eucalyptus* spp., *Kunzea ambigua*, *K. ericoides*, *Leptospermum flavescens*, *L. juniperinum*, *L. morrisonii*, *L. parvifolium*, *L. polygalifolium*, *L. trinervium*, *Leptospermum* spp. [Myrtaceae], *Conospermum taxifolium* and *Hakea teretifolia* [Proteaceae]. **New Host Record:** adults on flowers of *Helichrysum* sp. [Asteraceae] (NSW20).

Castiarina sexualis (Carter 1929a: 69, *Stigmodera*); Bellamy 2002: 287; Barker 2006: 50.

Host plants: **New Host Record:** adults on flowers of *Leptospermum* sp. [Myrtaceae] (QLD9).

Castiarina signata (Kerremans 1903a: 210, *Stigmodera*); Bellamy 2002: 287; Barker 2006: 76.

Biology/Ecology: Goudie 1920: 34.

Castiarina simulata (Gory and Laporte 1838: 26, *Stigmodera*); Bellamy 2002: 288; Barker 2006: 140.

Host plants: **New Host Record:** adults on flowers of *Leptospermum* sp./spp. [Myrtaceae] (VIC1, VIC10).

Castiarina skusei (Blackburn 1892a: 46, *Stigmodera*); Bellamy 2002: 289; Barker 2006: 315.

Biology/Ecology: Williams and Williams 1983: 88; Turner and Hawkeswood 1994c: 46; Bellamy 2002: 289.

Host plants: adults on flowers of *Cassinia aculeata* [Asteraceae], *Eucalyptus obtusiflora*, *Leptospermum flavescens*, *L. juniperinum*, *L. morrisonii*, *L. polygalifolium*, *L. trinervium* and *Leptospermum* sp. [Myrtaceae].

Castiarina spilota (Gory and Laporte 1838: 24, *Stigmodera*); Bellamy 2002: 290; Barker 2006: 304.

Biology/Ecology: Froggatt 1914: 18; Hawkeswood 1978: 260; Williams and Williams 1983: 88; Webb 1987a: 62; Bellamy 2002: 290.

Host plants: adults on flowers of *Acacia linifolia* [Fabaceae], *Angophora hispida* and *Leptospermum flavescens* [Myrtaceae].

Castiarina spinolae (Gory 1841: 129, *Stigmodera*); Bellamy 2002: 290; Barker 2006: 222.

Biology/Ecology: Froggatt 1914: 18; Williams 1977: 82; Hawkeswood 1978: 260 (as *nasuta*); Williams and Williams 1983: 88; Hawkeswood 1986d: 2; Webb 1987a: 62; Bellamy 2002: 290.

Host plants: adults on flowers of *Angophora hispida*, *Kunzea ericoides* and *Leptospermum flavescens*. **New Host Records:** adults on flowers of *Baeckea* sp./spp., *Eucalyptus* sp./spp., *Syzygium floribundum* [Myrtaceae] (NSW72, NSW109, QLD14).

Castiarina stellata (Barker 1986: 10, *Stigmodera*), 34; Bellamy 2002: 291; Barker 2006: 110.

Biology/Ecology: Barker 1986: 11; Bellamy 2002: 291.

Host plant: adults on flowers of *Melaleuca* sp. [Myrtaceae].

Castiarina straminea (Macleay 1863: 25, *Stigmodera*); Bellamy 2002: 291; Barker 2006: 270.

Host plant: adults on *Eucalyptus ochrophloia* [Myrtaceae]. **New Host Records:** adults on flowers of *Baeckea* sp. (NSW132) and *Eucalyptus* sp. (NSW65) [Myrtaceae].

- Castiarina strigata*** (Macleay 1863: 27, *Stigmodera*); Bellamy 2002: 291; Barker 2006: 271.
Biology/Ecology: Goudie 1920: 33.
- Castiarina subbifasciata*** (Saunders 1868b: 479, *Stigmodera*); Bellamy 2002: 292; Barker 2006: 188.
Biology/Ecology: Hawkeswood 1987c: 57, plate 71.
Host plant: adults on flowers of *Hakea* spp. [Proteaceae].
- Castiarina subgrata*** (Blackburn 1900a: 41, *Stigmodera*, *nom. nov.: campestris* Kerremans 1898); Bellamy 2002: 292; Barker 2006: 91.
Biology/Ecology: Williams and Williams 1983: 88; Turner and Hawkeswood 1994c: 46; Bellamy 2002: 292.
Host plants: adults on flowers of *Leptospermum flavescens*, *L. morrisonii* and *L. polygalifolium* [Myrtaceae].
- Castiarina subpura*** (Blackburn 1903b: 307, *Stigmodera*); Bellamy 2002: 292; Barker 2006: 244.
Biology/Ecology: Hawkeswood 1978: 260; Williams and Williams 1983: 88; Webb 1986a: 14; Hawkeswood 1987a: 266; Webb 1987a: 60; Bellamy 2002: 293.
Host plants: adults on flowers of *Angophora hispida*, *Kunzea ambigua*, *Leptospermum flavescens* and *L. trinervium*. **New Host Records:** adults on flowers of *Baeckea* sp./spp., *Eucalyptus* sp/spp.. and *Leptospermum* sp./spp. [Myrtaceae] (NSW28, NSW45, NSW101).
- Castiarina subtincta*** (Carter 1933a: 159, *Stigmodera*); Bellamy 2002: 293; Barker 2006: 271.
Biology/Ecology: Hawkeswood and Peterson 2004: 6.
Host plant: adults on flowers of *Eucalyptus foecunda* [Myrtaceae].
- Castiarina subtrifasciata*** (Gory and Laporte 1838: 41, *Stigmodera*)' Bellamy 2002: 293; Barker 2006: 196.
Biology/Ecology: Tepper 1887: 19 (as *rubrocincta*).
Host plants: adults on flowers of *Calytrix* sp., *Leptospermum* sp./spp. [Myrtaceae] and other myrtaceous shrubs.
- Castiarina subvicina*** (Barker 1983: 163, *Stigmodera*); Bellamy 2002: 294; Barker 2006: 212.
Host plants: **New Host Record:** adults on flowers of *Leptospermum* sp./spp. [Myrtaceae] (NSW31, NSW38).
- Castiarina supergrata*** (Barker 1983: 153, *Stigmodera*); Bellamy 2002: 294; Barker 2006: 92.
Host plants: **New Host Record:** adults on flowers of *Leptospermum* sp./spp. [Myrtaceae] (VIC3).
- Castiarina tasmaniensis*** (Barker 1986: 17, *Stigmodera*); Bellamy 2002: 295; Barker 2006: 69.
Biology/Ecology: Cowie 2001: 12; Bellamy 2002: 294.
Host plant: adults on *Leptospermum* spp. [Myrtaceae].
- Castiarina tenebrosa*** Barker 1993: 22; Bellamy 2002: 295; Barker 2006: 162.
Host plants: **New Host Records:** adults on flowers of *Geissois biagiana* [Cunoniaceae] and *Cardwellia sublimis* [Proteaceae] (QLD1).
- Castiarina terminalis*** (Kerremans 1890a: xlv, *Stigmodera*); Bellamy 2002: 295; Barker 2006: 180.
Biology/Ecology: Williams and Williams 1983: 88; Hawkeswood 1986d: 2; Webb 1987a: 62; Bellamy 2002: 295.
Host plants: adults on flowers of *Angophora hispida* and *Leptospermum flavescens*. **New Host Record:** adults on flowers of *Eucalyptus* sp.[Myrtaceae] (NSW65) .
- Castiarina testacea*** (Saunders 1869: 14, *Stigmodera*); Bellamy 2002: 295; Barker 2006: 145.
Biology/Ecology: Goudie 1920: 32.

Host plants: **New Host Record:** adults on flowers of *Sannantha virgata*? [Myrtaceae] (NSW132).

Castiarina thomsoni (Saunders 1868b: 477, *Stigmodera*); Bellamy 2002: 296; Barker 2006: 212.

Biology/Ecology: Williams and Williams 1983: 88; Turner and Hawkeswood 1994c: 46; Cowie 2001: 13; Bellamy 2002: 296.

Host plants: adults on *Cassinia* spp., *Helichrysum* spp. [Asteraceae], *Leptospermum flavescens*, *L. morrisonii*, *L. polygalifolium*, *Leptospermum* spp. [Myrtaceae] and *Bursaria spinosa* [Pittosporaceae].

Castiarina thurmerae (Barker 1983: 144, *Stigmodera*); Bellamy 2002: 296; Barker 2006: 131.

Biology/Ecology: Barker 1983: 144.

Host plant: adults on flowers of *Grevillea nematophylla* [Proteaceae].

Castiarina tigris (Barker 1983: 143, *Stigmodera*); Bellamy 2002: 296; Barker 2006: 154.

Host plants: **New Host Records:** adults on flowers of *Bursaria spinosa* [Pittosporaceae] (NQLD4) and *Homalium brachybotrys* [Salicaceae] (NQLD6).

Castiarina tricolor (Kirby 1818b: 455, *Buprestis*); Bellamy 2002: 297; Barker 2006: 82.

Biology/Ecology: Williams and Williams 1983: 88; Hawkeswood 1987c: 55, plate 68; Webb 1987a: 62; Bellamy 2002: 297.

Host plants: adults on flowers of *Angophora hispida*, *Angophora* spp., *Eucalyptus* spp., *Kunzea ambigua*, *Kunzea* spp., *Leptospermum flavescens*, *L. trinervium*, *Leptospermum* spp. [Myrtaceae] and *Hakea teretifolia* [Proteaceae].

Castiarina tyrrhena (Blackburn 1903b: 306, *Stigmodera*); Bellamy 2002: 299; Barker 2006: 299.

Host plants: **New Host Record:** adults on flowers of *Leptospermum* sp./spp. [Myrtaceae] (NSW1, NSW29, NSW34, QLD13, QLD15).

Castiarina undulata (Donovan 1805: 22, *Buprestis*); Bellamy 2002: 299; Barker 2006: 252.

Biology/Ecology: Froggatt 1914: 18; Williams 1977: 82; Hawkeswood 1978: 260 (as *brutella*); Williams and Williams 1983: 88; Hawkeswood 1987a: 266; Webb 1987a: 62; Hawkeswood 1991a: 58; Cowie 2001: 13; Bellamy 2002: 300.

Host plants: adults on flowers of *Angophora floribunda*, *A. hispida*, *Leptospermum flavescens* and *Leptospermum* sp. **New Host Records:** adults on flowers of *Eucalyptus* sp. (NSW), *Syzygium smithii* (NSW55) [Myrtaceae] and *Alphitonia excelsa* [Rhamaceae] (NSW60).

Castiarina uptoni (Barker 1979: 12, *Stigmodera*); Bellamy 2002: 300; Barker 2006: 277.

Biology/Ecology: Barker 1993a: 25; Turner and Hawkeswood 1998a: 203; Hawkeswood 2007n: 4.

Host plant: larvae in *Dicrastylis georgei* [Lamiaceae].

Castiarina vallisii (Deuquet 1964: 128, *Stigmodera*); Bellamy 2002: 301; Barker 2006: 248.

Biology/Ecology: Brooks 1969: 3.

Host plants: adults on *Eucalyptus acmenioides* and *E. ochrophloia* [Myrtaceae]

Castiarina vanderwoudeae (Barker 1987: 138, *Stigmodera*); Bellamy 2002: 301; Barker 2006: 155.

Biology/Ecology: Barker 1987: 138; Bellamy 2002: 301.

Host plant: adults on flowers of *Eremophila scoparia* [Scrophulariaceae].

Castiarina variegata (Blackburn 1892b: 215 (*Hypostigmodera*); Bellamy 2002: 301; Barker 2006: 47.

Host plants: **New Host Records:** adults on flowers of *Baeckea* sp. (NSW73), *Leptospermum* sp. (NSW8) [Myrtaceae] and *Guioa semiglauca* [Sapindaceae] (NSW61).

Castiarina variopicta (Thomson 1878: 54, *Stigmodera*); Bellamy 2002: 301; Barker 2006: 289.

Biology/Ecology: Williams and Williams 1983: 88; Turner and Hawkeswood 1994c: 46; Bellamy 2002: 301.

Host plants: adults on flowers of *Leptospermum flavescens*, *L. morrisonii*, *L. polygalifolium* and *Leptospermum* spp. [Myrtaceae].

Castiarina vegeta (Hope 1847: 283, *Stigmodera*); Bellamy 2002: 301; Barker 2006: 169.

Biology/Ecology: Tepper 1887: 19.

Host plant: adults on flowers of myrtaceous plants [Myrtaceae].

Castiarina venusta (Carter 1914: 84, *Stigmodera*, *nom. nov.: suavis* Carter 1913); Bellamy 2002: 302; Barker 2006: 146.

Biology/Ecology: Brooks 1948a: 27; 1965: 29; Bellamy 2002: 302.

Host plants: adults on flowers of *Aphananthe philippinensis* [Cannabaceae], *Corymbia gummifera* and *C. torelliana* [Myrtaceae]. **New Host Records:** adults on flowers of *Geissois biagiana* [Cunoniaceae] and *Cardwellia sublimis* [Proteaceae] (NQLD1).

Castiarina verdiceps (Barker 1979: 8, *Stigmodera*); Bellamy 2002: 302; Barker 2006: 119.

Biology/Ecology: Barker 1979: 8; Hawkeswood and Peterson 1982: 246; Turner and Hawkeswood 1998a: 203; Bellamy 2002: 302; Hawkeswood 2007n: 4.

Host plant: larvae in *Acacia* sp. [Fabaceae].

Castiarina vicina (Saunders 1868a: 43, *Stigmodera*); Bellamy 2002: 303; Barker 2006: 212.

Biology/Ecology: Froggatt 1914: 18; Williams and Williams 1983: 88; Webb 1987a: 62; Bellamy 2002: 303.

Host plants: adults on flowers of *Angophora hispida*, *Leptospermum trinervium* and *Leptospermum* sp. [Myrtaceae].

Castiarina victoriensis (Blackburn 1890a: 152, *Stigmodera*); Bellamy 2002: 303; Barker 2006: 110.

Biology/Ecology: Williams and Williams 1983: 88; Bellamy 2002: 303.

Host plant: adults on flowers of *Leptospermum flavescens* [Myrtaceae].

Castiarina violacea (Macleay 1863: 23, *Stigmodera*); Bellamy 2002: 304; Barker 2006: 138.

Host plants: **New Host Records:** adults on foliage of *Acacia decurrens* (NSW97) and *Acacia* sp. (NSW110) [Fabaceae].

Castiarina virginea (Erichson 1842: 135, *Stigmodera*); Bellamy 2002: 304; Barker 2006: 228.

Biology/Ecology: Carter 1933b: 176; Cowie 2001: 14; Bellamy 2002: 304.

Host plants: adults on *Cassinia* spp., *Helichrysum* spp. [Asteraceae] and *Bursaria spinosa* [Pittosporaceae].

Castiarina viridiventris (Macleay 1863: 27, *Stigmodera*); Bellamy 2002: 304; Barker 2006: 201.

Biology/Ecology: Brooks 1948b: 6 (as *triguttata*); 1965: 30 (as *triguttata*); 1969: 4 (as *triguttata*); Bellamy 2002: 305.

Host plants: adults on flowers of *Corymbia gummifera*, *C. polycarpa* and *Eucalyptus moluccana* [Myrtaceae]. **New Host Records:** adults on flowers of *Bursaria spinosa* [Pittosporaceae] (NQLD4) and *Homalium brachybotrys* [Salicaceae] (NQLD6).

Castiarina vittata (Saunders 1868b: 478, *Stigmodera*); Bellamy 2002: 305; Barker 2006: 61.

Biology/Ecology: Tepper 1887: 19; Goudie 1920: 32; Burns and Burns 1988: 26.

Host plants: adults on flowers of *Calytrix* sp. [Myrtaceae], *Grevillea* sp. [Proteaceae] and flowering shrubs on white sand-hills. **New Host Record:** adults on flowers of *Leptospermum* sp. [Myrtaceae] (VIC1).

Castiarina walfordi (Barker 1979: 11, *Stigmodera*); Bellamy 2002: 306; Barker 2006: 274.

Host plants: **New Host Record:** adults on flowers of *Bursaria spinosa* [Pittosporaceae] (NQLD4).

Castiarina watkinsi (Barker 1988: 140, *Stigmodera*); Bellamy 2002: 306; Barker 2006: 92.

Host plants: **New Host Record:** adults on flowers of *Leptospermum* sp. [Myrtaceae] (NSW8, NSW29, NSW35, NSW43).

Castiarina williamsi (Barker 1988: 141, *Stigmodera*); Bellamy 2002: 306; Barker 2006: 63.

Biology/Ecology: Williams 1995; Bellamy 2002: 306.

Host plants: **New Host Record:** adults on flowers of *Syzygium floribundum* [Myrtaceae] (NSW133).

Castiarina wilsoni (Saunders 1868b: 476, *Stigmodera*); Bellamy 2002: 306; Barker 2006: 175.

Biology/Ecology: Carter 1933b: 171 (as var. *sigma*); Bashford 1990: 16; Cowie 2001: 14; Bellamy 2002: 307.

Host plants: adults on *Cassinia aculeata*, *Cassinia* spp., *Helichrysum* spp. [Asteraceae], *Leptospermum* spp. [Myrtaceae] and *Bursaria spinosa* [Pittosporaceae].

Castiarina xanthopilosa (Hope 1847: 283, *Stigmodera*); Bellamy 2002: 307; Barker 2006: 62.

Biology/Ecology: Tepper 1887: 19 (*xanthospilo*).

Host plants: adults on flowers of *Calytrix* sp. and *Leptospermum myrsinoides* [Myrtaceae].

Castiarina zecki (Deuquet 1959: 129, *Stigmodera*); Bellamy 2002: 308; Barker 2006: 229.

Host plants: **New Host Record:** adults on flowers of *Leptospermum* sp. [Myrtaceae] (NSW43).

***Castiarina* sp. No. 1**

Biology/Ecology: Williams and Williams 1983: 88 (as *Castiarina* sp. No. 1 (similar to *sexplagiata*)).

Host plant: adults on flowers of *Leptospermum* sp. [Myrtaceae].

***Castiarina* sp. No. 2**

Biology/Ecology: Williams and Williams 1983: 88 (as *Castiarina* sp. No. 2 (similar to *sexplagiata*)).

Host plant: adults on flowers of *Leptospermum flavescens* [Myrtaceae].

***Castiarina* sp. No. 3**

Biology/Ecology: Williams and Williams 1983: 88 (as *Castiarina* sp. No. 3 (similar to *kershawi*)).

Host plant: adults on flowers of *Leptospermum* sp. (undescribed) [Myrtaceae]

***Castiarina* sp. No. 4**

Biology/Ecology: Williams and Adam 1998: 52 (as *Castiarina* ?*sexcavata*).

Host plant: adults on flowers of *Syzygium smithii* [Myrtaceae].

***Castiarina* sp. No. 5**

Biology/Ecology: Williams and Adam 1998: 52 (as *Castiarina* ?*vicina*).

Host plant: adults on flowers of *Syzygium floribundum* [Myrtaceae].

Genus *Calodema* Gory and Laporte 1838

General Host Associations: Nylander 2008: 76.

Calodema plebeia Jordan 1895: 220; Bellamy 2002: 178; Nylander 2008: 42.

Biology/Ecology: Carter 1933b: 201; Brooks 1948a: 27; Bellamy 2002: 178.

Host plants: adults on *Corymbia gummifera* and *C. intermedia* [Myrtaceae]. **New Host Records:** adults on flowers of *Syzygium* sp. [Myrtaceae], *Buckinghamia celcissima*, *Macadamia whelanii* [Proteaceae] and *Melicope elleryana* [Rutaceae] (NQLD7).

Calodema regalis (Gory and Laporte 1838: 71, *Stigmodera*); Bellamy 2002: 179; Nylander 2008: 7.

Biology/Ecology: Brooks 1948a: 27; 1948b: 7; 1965: 29; Hawkeswood 1987c: 50, plate 57; Williams 1993: 95; Williams and Adam 1998: 54 (presumably *regalis*); Bellamy 2002: 179; Hawkeswood 2006g: 5.

Host plants: adults on *Elaeocarpus angustifolius* [Elaeocarpaceae], *Bauhinia monandra* [Fabaceae], *Corymbia gummifera*, *C. intermedia*, *Eucalyptus moluccana*, *Syzigium* spp. [Myrtaceae], *Buckinghamia celcissima*, *Macadamia whelanii* [Proteaceae], *Melicope elleryana* and *M. micrococca* [Rutaceae]. **New Host Records:** adults on flowers of *Kunzea* sp., *Leptospermum* sp. (NSW18), *Tristaniopsis laurina* (NSW74, 76) [Myrtaceae] and *Cuttsia viburnea* [Rousseaceae] (NSW60).

Calodema rubrimarginata Barker 1993b: 191; Bellamy 2002: 179; Nylander 2008: 20.

Host plants: **New Host Record:** adults on flowers of *Melicope elleryana* [Rutaceae] (QLD7).

Genus *Metaxymorpha* Parry 1848

Metaxymorpha gloriosa Blackburn 1894b: 207; Bellamy 2002: 309; Nylander 2008: 54.

Immature stages: Volkovitsh, *et al.* 2004: 204.

Biology/Ecology: Brooks 1948a: 27; 1965: 29; Bellamy 2002: 309; Volkovitsh, *et al.* 2004: 214; Nylander 2008: 76.

Host plants: larvae in *Casuarina cunninghamiana* [Casuarinaceae], *Cyclophyllum multiflorum* [Rubiaceae], *Guioa lasioneura* and *Sarcopteryx reticulata* [Sapindaceae]; adults on flowers of *Aphananthe philippinensis* [Cannabaceae], *Elaeocarpus angustifolius* [Elaeocarpaceae], *Corymbia gummifera*, *C. intermedia*, *Eucalyptus moluccana*, *Eucalyptus* spp., *Leptospermum* spp., *Syzigium tierneyanum*, *S. kuranda* [Myrtaceae], *Buckinghamia celcissima*, *Grevillea baileyana*, *Macadamia whelanii* [Proteaceae], *Canthium odoratum* [Rubiaceae] and *Melicope elleryana* [Rutaceae]. **New Host Records:** adults on flowers of *Psydrax odorata* [Rubiaceae] and *Synima cordieri* [Sapindaceae] (QLD6).

Metaxymorpha grayii (Parry 1848: 82, *Stigmodera*); Bellamy 2002: 309; Nylander 2008: 55.

Biology/Ecology: Hawkeswood 1987c: 51, plate 59; Williams 1993: 95; plate 36, fig. 168; Williams 1995; Williams and Adam 1998: 52; Bellamy 2002: 310.

Host plants: adults on flowers of *Tristaniopsis laurina* [Myrtaceae] and *Melicope micrococca* [Rutaceae].

Metaxymorpha hauseri Théry 1926: 167; Bellamy 2002: 309; Nylander 2008: 69.

Biology/Ecology: Brooks 1948a: 27; Bellamy 2002: 309.

Host plant: adults on flowers of *Corymbia gummifera* [Myrtaceae]. **New Host Records:** adults on flowers of *Elaeocarpus angustifolius* (QLD6) [Elaeocarpaceae], *Corymbia intermedia*, *Syzigium* spp. (QLD6) [Myrtaceae], *Buckinghamia celcissima*, *Macadamia whelanii* (QLD6) [Proteaceae], *Melicope elleryana* (QLD7) and *M. platynema* (QLD6) [Rutaceae].

Metaxymorpha imitator Neef de Sainval in Neef de Sainval and Lander 1994: 23; Bellamy 2002: 310; Nylander 2008: 71.

Host plants: **New Host Record:** adults on flowers of *Eucalyptus* sp. (NSW113) [Myrtaceae].

Genera *Incertae Sedis*

Genus *Neobubastes* Blackburn 1892

Neobubastes nickerli (Obenberger 1928: 202, *Eububastes*); Bellamy 2002: 79.

Biology/Ecology: Hawkeswood 1987c: 65, plate 93 (as *pavo*).

Host plants: adults on foliage of narrow-leaved *Acacia* spp. [Fabaceae].

Tribe Curidini Holynski 1988

Genus *Selagis* Dejean 1836

General Host Associations: Matthews 1985: 5.

Selagis aurifera subspecies *aurifera* (Gory and Laporte 1838: 49, *Stigmodera*); Bellamy 2002: 113.

Biology/Ecology: Tepper 1887: 16; Froggatt 1914: 18; Goudie 1920: 31; Williams and Williams 1983: 86; Webb 1987a: 61; Williams and Adam 1998: 52; Hawkeswood 2002b: 34; Bellamy 2002: 113; Hawkeswood and Turner 2003c: 424.

Host plants: larvae in *Eucalyptus gracilis*; adults on flowers of *Angophora floribunda*, *A. hispida*, *Melaleuca armillaris* and *Syzygium floribundum* [Myrtaceae].

Selagis caloptera (Boisduval 1835: 93, *Buprestis*); Bellamy 2002: 114,

Biology/Ecology: Tepper 1887: 16; Froggatt 1914: 18 (*chaloptera*); Williams 1977: 81; Hawkeswood 1978: 260; 1981b: 152; Williams and Williams 1983: 86; Hawkeswood 1986c: 441; 1986d: 2; 1987c: 51, plate 58; 1993a: 442; Webb 1994c: 239; Bellamy 2002: 114; Hawkeswood and Turner 2003c: 421; Hangay and Zborowski 2010: 110.

Host plants: larvae in *Allocasuarina littoralis* [Casuarinaceae]; adults on flowers of *Angophora floribunda*, *A. hispida*, *Kunzea ericoides*, *Leptospermum flavescens* [Myrtaceae] and *Bursaria spinosa* [Pittosporaceae]. **New Host Records:** emerged ex. dead *Acacia* trunk [Fabaceae] (NSW94); adults on flowers of *Eucalyptus* sp. [Myrtaceae] (NSW94).

Selagis corusca (Waterhouse 1882: 51, *Curis*); Bellamy 2002: 115.

Biology/Ecology: Goudie 1920: 31.

Selagis intercribrata (Fairmaire 1877a: 328, *Curis*); Bellamy 2002: 116.

Biology/Ecology: McMillan 1951: 40; Hawkeswood 1988: 82; Bellamy 2002: 116; Hawkeswood and Turner 2003c: 424.

Host plant: larvae in *Allocasuarina fraseriana* or *Casuarina glauca* [Casuarinaceae].

Selagis splendens (Macleay 1872: 244, *Curis*); Bellamy 2002: 117.

Biology/Ecology: Hawkeswood 1981b: 152; 1986c: 442 1990c: 72; 1993a: 442; Webb 1994c: 239; Williams and Adam 1998: 52; Bellamy 2002: 118.

Host plants: adults on *Syzygium floribundum* [Myrtaceae] and *Bursaria spinosa* [Pittosporaceae]. **New Host Record:** adults on flowers of *Syzygium smithii* [Myrtaceae] (NSW54).

Selagis viridicyanea (Fairmaire 1877a: 332, *Curis*); Bellamy 2002: 118.

Biology/Ecology: Goudie 1920: 31; Brooks 1948a: 27; 1965: 29; 1969: 3; Bellamy 2002: 118; Hangay and Zborowski 2010: 108.

Host plants: adults on flowers of *Corymbia gummifera*, *Eucalyptus acmenioides*, *E. moluccana* and *E. ochrophloia* [Myrtaceae].

Subtribe Neocuridina Holynski 1988

Genus *Neocuris* Saunders 1868

General Host Associations: Carter 1928a: 281; Matthews 1985: 5.

Neocuris anthaxoides Fairmaire 1877b: 336; Bellamy 2002: 120.

Biology/Ecology: Williams and Williams 1983: 86; Bellamy 2002: 120; Hawkeswood 2007g: 1.

Host plants: adults on flowers of *Leptospermum flavescens* and *L. polygalifolium* [Myrtaceae].

Neocuris asperipennis Fairmaire 1877b: 339; Bellamy 2002: 120.

Biology/Ecology: Goudie 1920: 30.

Neocuris coerulans Fairmaire 1877b: 335; Bellamy 2002: 121.

Biology/Ecology: Williams and Williams 1983: 86 (sp. near *coerulans*); Hawkeswood 2007g: 1.

Host plant: adults on flowers of *Leptospermum polygalifolium* [Myrtaceae].

Neocuris crassa Obenberger 1923c: 76; Bellamy 2002: 122.

Biology/Ecology: Williams and Williams 1983: 86 (?*crassa*); Hawkeswood 2007g: 2.

Host plant: adults on flowers of *Leptospermum polygalifolium* [Myrtaceae].

Neocuris cuprilatera Fairmaire 1877b: 336; Bellamy 2002: 122.

Biology/Ecology: Williams and Williams 1983: 86; Bellamy 2002: 122; Hawkeswood 2007g: 2.

Host plants: adults on flowers of *Leptospermum flavescens* and *L. polygalifolium* [Myrtaceae]. **New**

Host Records: adults on flowers of *Baeckea* sp. (NSW101) and *Eucalyptus* sp. (ACT1) [Myrtaceae].

Neocuris dichroa Fairmaire 1877b: 335; Bellamy 2002: 122.

Biology/Ecology: Goudie 1920: 30.

Neocuris discoflava Fairmaire 1877b: 339; Bellamy 2002: 122.

Biology/Ecology: Goudie 1920: 30; Hawkeswood 1981c: 17; 2007g: 2.

Host plant: adults on flowers of *Nuytsia floribunda* [Loranthaceae].

Neocuris gracilis Macleay 1872: 241; Bellamy 2002: 124.

Immature stages: Volkovitsh and Hawkeswood 1987: 274; Bílý and Volkovitsh 2005: 16; Hawkeswood 2007g: 2.

Biology/Ecology: Williams and Williams 1983: 86; Hawkeswood 1985c: 258; 1991b: 58; 1991c: 239; Webb 1994c: 239; Bellamy 2002: 124; Hawkeswood 2007g: 3.

Host plants: larvae in *Pultenaea villosa* [Fabaceae]; adults on flowers of *Actinotus helianthi* [Apiaceae], *Epacris microphylla* [Epacridaceae], *Angophora woodsiana*, *Backhousia myrtifolia*, *Baeckea stenophylla*, *Kunzea ambigua*, *Leptospermum flavescens*, *L. juniperinum*, *L. polygalifolium*, *L. trinervium*, *L. whitei* [Myrtaceae] and *Bursaria spinosa* [Pittosporaceae]. **New Host Record:** adults on flowers of *Cassinia* sp. [Asteraceae] (NSW80).

Neocuris guerinii (Hope 1843: 318, *Stigmodera*); Bellamy 2002: 124.

Biology/Ecology: Williams 1977: 81; Williams and Williams 1983: 86; Hawkeswood 1987c: 66, plate 94; Bellamy 2002: 125; Hawkeswood 2007g: 3.

Host plants: adults on flowers of *Eucalyptus* spp., *Kunzea ambigua*, *Kunzea* spp., *Leptospermum flavescens*, *L. polygalifolium* and *Leptospermum* spp. [Myrtaceae]. **New Host Records:** adults on flowers of *Actinotus helianthi* [Apiaceae] (NSW108) and *Conospermum* sp./spp. [Proteaceae] (QLD6).

Neocuris viridimicans Fairmaire 1877b: 335; Bellamy 2002: 127.

Biology/Ecology: Carter 1928a: 283; 1933b: 232; Hawkeswood 1987c: 66, plate 95; 2007g: 4.

Host plants: adults on flowers of *Helichrysum* sp. [Asteraceae], *Eucalyptus* spp. [Myrtaceae] and yellow everlasting.

***Neocuris* sp. 1**

Biology/Ecology: Hawkeswood 2007g: 4 (as *Neocuris* sp.).

Host plant: orange flowers of *Nuytsia floribunda* [Loranthaceae].

***Neocuris* sp. 2**

Biology/Ecology: Williams and Williams 1983: 86 (as *Neocuris* sp. near *coerulans*); Hawkeswood 2007g: 1.

Host plant: on flowers of *Leptospermum flavescens* [Myrtaceae].

***Neocuris* sp. 3**

Biology/Ecology: Williams and Williams 1983: 86 (as *Neocuris* sp. near *gracilis*).

Host plants: on flowers of *Backhousia myrtifolia* and *Leptospermum flavescens* [Myrtaceae].

***Neocuris* sp. 4**

Biology/Ecology: Williams and Williams 1983: 86 (as *Neocuris* ? *crassa*); Hawkeswood 2007g: 2.

Host plant: on flowers of *Leptospermum flavescens* [Myrtaceae].

***Neocuris* sp. 5**

Biology/Ecology: Hangay and Zborowski 2010: 111 (as *Neocuris* sp.).

Genus *Torresita* Gemminger and Harold 1869

Torresita cuprifera (Kirby 1818b: 457, *Buprestis*); Bellamy 2002: 110.

Biology/Ecology: Hawkeswood 1978: 260; Williams and Williams 1983: 86; Williams 1985: 42; Hawkeswood 1987a: 266; Webb 1987a: 62; Williams 1995; Williams and Adam 1998: 52; Bellamy 2002: 111; Hawkeswood 2007i: 1.

Host plants: larvae in *Rhodomyrtus psidioides*; adults on flowers of *Angophora hispida*, *Eucalyptus sieberi*, *Kunzea ericoides*, *Leptospermum flavescens*, *L. polygalifolium* and *L. whitei* [Myrtaceae]. **New Host Records:** adults on flowers of *Ceratopetalum gummiferum* (NSW79) [Cunoniaceae], *Melaleuca* sp. (NSW74), *Syzygium floribundum* [Myrtaceae] (NSW134) and *Alphitonia excelsa* [Rhamnaceae] (NSW60).

Genus *Pseudanilara* Théry 1911

Pseudanilara cupripes (Macleay 1872: 242, *Anthaxia*); Bellamy 2002: 107.

Biology/Ecology: Williams and Williams 1983: 86; Williams 1985: 42; Cowie 2001: 16; Bellamy 2002: 107; Hawkeswood 2005c: 17; 2007d: 9.

Host plants: larvae in *Ceratopetalum gummiferum* [Cunoniaceae], *Eucalyptus crebra*, *Kunzea ambigua*, *Rhodomyrtus psidioides*, *Syzygium floribundum* [Myrtaceae] and adults on flowers of *Corymbia tessellaris*, *Syzygium floribundum*.

Pseudanilara piliventris Carter 1926: 58; Bellamy 2002: 108.

Biology/Ecology: Cowie 2001: 25; Bellamy 2002: 108; Hawkeswood 2007d: 10.

Host plant: adults on foliage of dying *Eucalyptus* spp. [Myrtaceae].

Pseudanilara purpureicollis (Macleay 1872: 242, *Anthaxia*); Bellamy 2002: 109.

Biology/Ecology: Williams and Williams 1983: 86; Cowie 2001: 25; Bellamy 2002: 109; Hawkeswood 2007d: 10.

Host plants: adults on *Casuarina cunninghamiana* [Casuarinaceae], foliage of dying *Eucalyptus* spp. and *Eucalyptus* sp. [Myrtaceae].

Genus *Theryxia* Carter 1928

Theryxia suttoni Carter 1928b: 550; Bellamy 2002: 110.

Biology/Ecology: Carter 1933b: 180; Hawkeswood 1986b: 175; Webb, *et al.* 1988: 98; Bellamy 2002: 110; Hawkeswood 2007f: 14.

Host plant: larvae in *Callitris columellaris* [Cupressaceae].

Subtribe *Anilarina* Bílý 2000**Genus *Anilara* Saunders 1868**

General Host Associations: Carter 1926: 50; Matthews 1985: 5.

Anilara anthaxoides Théry 1911: 29; Bellamy 2002: 97.

Biology/Ecology: Carter 1927: 223; Hawkeswood 2007b: 1.

Host plant: adults on *Eucalyptus albens* [Myrtaceae].

Anilara antiqua Théry 1911: 30; Bellamy 2002: 97.

Immature stages: Volkovitsh and Hawkeswood 1993: 157; Bílý and Volkovitsh 2005: 16.

Biology/Ecology: Hawkeswood 2002b: 33; 2007b: 1.

Host plant: larvae in *Eucalyptus crebra* [Myrtaceae].

Anilara convexa Kerremans 1898: 132; Bellamy 2002: 98.

Biology/Ecology: Hawkeswood and Turner 2003a: 253; Hawkeswood 2007b: 2.
Host plant: larvae in *Melaleuca decora* [Myrtaceae].

Anilara nigrita Kerremans 1898: 131; Bellamy 2002: 99.

Immature stages: Volkovitsh and Hawkeswood 1993: 163; Bílý and Volkovitsh 2005: 16.
Biology/Ecology: Hawkeswood 2002b: 34; 2007b: 2.
Host plant: larvae in *Eucalyptus crebra* [Myrtaceae].

Anilara obscura (Macleay 1872: 241, *Melobasis*); Bellamy 2002: 99.

Biology/Ecology: Goudie 1920: 30 (as *platessa, uniformis*); Carter 1926: 50; Williams and Williams 1983: 86 (? *obscura*); Hawkeswood 1988: 82; Bellamy 2002: 100; Hawkeswood and Turner 2003a: 254; Hawkeswood 2007b: 2.

Host plants: larvae in *Flindersia xanthoxyla* [Flindersiaceae]; adults on *Eucalyptus* spp. branches and *Leptospermum* sp. [Myrtaceae].

Anilara olivia Carter 1926: 54; Bellamy 2002: 100.

Biology/Ecology: Hawkeswood 1988: 82; 2007b: 4.
Host plant: larvae in *Flindersia xanthoxyla* [Flindersiaceae].

Anilara pagana (Obenberger 1915: 75, *Anthaxia*); Bellamy 2002: 100.

Biology/Ecology: Williams and Williams 1983: 89; Hawkeswood 2007b: 4.
Host plant: adults on dying leaves of *Eucalyptus* sp. [Myrtaceae].

Anilara sulcicollis Kerremans 1898: 130; Bellamy 2002: 101.

Biology/Ecology: Hawkeswood and Turner 2003a: 254 (in error, see *sulcipennis*).

Anilara sulcipennis Kerremans 1898: 129; Bellamy 2002: 102.

Biology/Ecology: Williams and Williams 1983: 86; Bellamy 2002: 102; Hawkeswood and Turner 2003a: 254 (as *sulcicollis* sic); Hawkeswood 2007b: 4.

Host plant: adults on *Allocasuarina littoralis* [Casuarinaceae].

***Anilara* sp. 1**

Biology/Ecology: Hawkeswood and Peterson 1982: 243 (as “*Anilara* sp. near *A. obscura*”); Hawkeswood and Turner 2003a: 254; Hawkeswood 2007b: 2.

Host plant: larvae in *Flindersia maculosa* (Lindl.) Benth. [Rutaceae].

***Anilara* sp. 2**

Biology/Ecology: Williams and Williams 1983: 86 (as “*Anilara ?obscura*”); Hawkeswood and Turner 2003a: 254 (as *obscura* sic!).

Host plant: on flowers of *Leptospermum flavescens* [Myrtaceae].

Tribe Melobasini Bílý 2000

Genus *Melobasis* Laporte and Gory 1837

General Host Associations: Matthews 1985: 5.

Melobasis abigailae Turner and Hawkeswood 2009: 206.

Immature stages: Turner and Hawkeswood 2009: 210.
Biology/Ecology: Turner and Hawkeswood 2009: 206; Hawkeswood 2011b: 1.
Host plant: larvae in *Acacia spectabilis* [Fabaceae].

Melobasis abnormis Carter 1923b: 83; Bellamy 2002: 145.

Biology/Ecology: Wilson 1936: 10; Faithful 1997: 25; Hawkeswood 2011b: 2.

Host plant: larvae in *Santalum acuminatum* [Santalaceae].

Melobasis amoena Levey 2012: 27.

Biology/Ecology: Levey 2012: 27.

Host plant: adults on *Acacia* spp. leaves [Fabaceae].

Melobasis apicalis Macleay 1872: 241; Bellamy 2002: 146.

Biology/Ecology: Brooks 1965: 30; Turner and Hawkeswood 1994e: 97; 1996b: 84; 1997b: 261; Turner 2001a: 61; Bellamy 2002: 146; Hawkeswood 2011b: 2.

Host plants: larvae in *Bossiaea rhombifolia* and *Jacksonia scoparia* [Fabaceae]; adults on foliage of *Acacia cincinnata* [Fabaceae].

Melobasis brevis Levey 2012: 29.

Biology/Ecology: Levey 2012: 30.

Host plant: adults on foliage of *Acacia* spp. [Fabaceae].

Melobasis brittoni Levey 2012: 30.

Biology/Ecology: Levey 2012: 31.

Host plant: adults on foliage of *Acacia* spp. leaves [Fabaceae].

Melobasis burnsi Levey 2012: 31.

Biology/Ecology: Levey 2012: 31.

Host plants: adults on foliage of *Acacia* spp. and *Senna* sp. [Fabaceae].

Melobasis costata Macleay 1872: 240; Bellamy 2002: 148.

Immature stages: Bílý and Volkovitsh 2005: 16.

Biology/Ecology: Hawkeswood 1978: 260; Cowie 2001: 26; Bellamy 2002: 148; Bílý and Volkovitsh 2005: xx; Hawkeswood 2011b: 3.

Host plants: larvae in *Acacia harpophylla* [Fabaceae]; adults on *Allocasuarina* spp. [Casuarinaceae] and *Themeda australis* [Poaceae].

Melobasis cupreovittata Saunders 1876: 155; Bellamy 2002: 148.

Biology/Ecology: Goudie 1920: 30.

Melobasis cupriceps (Kirby 1818b: 457, *Buprestis*); Bellamy 2002: 149.

Immature stages: Froggatt 1895: 332 (as *iridescens*); 1923: 106; Carter 1923b: 65; Hadlington 1951: 8 (as *iridescens*); Turner and Hawkeswood 1996b: 82.

Biology/Ecology: Froggatt 1895: 332 (as *iridescens*); Gurney 1911: 58; Froggatt 1923: 106; Carter 1923b: 64; Hawkeswood 1978: 260; Williams and Williams 1983: 86; Turner and Hawkeswood 1994e: 101; 1996b: 81; 1997a: 258; 1997b: 261; Webb 1997: 61; Turner 2001a: 61; Bellamy 2002: 149; Hawkeswood 2011b: 3.

Host plants: larvae in *Acacia longifolia*, *Jacksonia scoparia*, *Oxylobium aciculiferum* and *Viminaria juncea* [Fabaceae] and adults on flowers of *V. juncea*.

Melobasis cuprifera (Laporte and Gory 1837: 119, *Buprestis*); Levey 2012: 54.

Biology/Ecology: Levey 2012: 56.

Host plants: adults on foliage of *Acacia* spp., *Jacksonia* spp. [Fabaceae], *Myoporum insulare* [Scrophulariaceae] and 'tea tree' (*Leptospermum* sp.) [Myrtaceae].

Melobasis curta Kerremans 1903a: 162; Bellamy 2002: 143.

Biology/Ecology: Brooks 1948b: 7 (as *Briseis curta*); Bellamy 2002: 143; Hawkeswood 2011b: 6.

Host plant: adults on *Alphitonia excelsa* [Rhamnaceae].

Melobasis cyaneipennis Boheman 1858: 59; Bellamy 2002: 150.

Biology/Ecology: Brooks 1948a: 29; Bellamy 2002: 150; Hawkeswood 2011b: 6.

Host plant: adults on foliage of *Triumfetta rhomboidea* [Malvaceae].

Melobasis flavoaenea Levey 2012: 35.

Biology/Ecology: Levey 2012: 36.

Host plant: adults on foliage of *Acacia ramulosa* [Fabaceae].

Melobasis formosa Carter 1923b: 99; Bellamy 2002: 151; Levey 2012: 38.

Biology/Ecology: Levey 2012: 39.

Host plant: adult cut from and on foliage of 'Jam Tree', *Acacia* sp. [Fabaceae].

Melobasis fulgurans Thomson 1879a: 20; Bellamy 2002: 151.

Biology/Ecology: Williams and Williams 1983: 86; Cowie 2001: 28 (as *placida*); Hawkeswood 2011b: 6 (as *fulgurans*), 11 (as *placida*).

Host plants: larvae in *Acacia dealbata* [Fabaceae]; adults on *A. obtusifolia* and *Corymbia tessellaris* [Myrtaceae].

Melobasis gloriosa subspecies **gloriosa** (Laporte and Gory 1837: 123, *Buprestis*); Bellamy 2002: 152; Levey 2012: 71.

Biology/Ecology: Hawkeswood 1987c: 65, plate 91; Williams and Williams 1983: 86; Bellamy 2002: 152; Hawkeswood 2011b: 6; Levey 2012: 73.

Host plants: adults on leaves of *Casuarina* sp. [Casuarinaceae], *Acacia* sp., *Daviesia* sp., *Gompholobium* sp., *Jacksonia* spp., *Mirbelia* sp. [Fabaceae], *Nuytsia* sp. [Loranthaceae], *Eucalyptus* sp., *Melaleuca* sp. [Myrtaceae], *Adenanthos* sp., *Hakea* sp. [Proteaceae], and *Xanthorrhoea preissii* [Xanthorrhoeaceae].

Melobasis gloriosa subspecies: **cruentata** Thomson 1879: 21a; Bellamy 2002: 148; Levey 2012: 73.

Biology/Ecology: Carter 1923b: 65, 72; Hawkeswood 2011b: 3; Levey 2012: 73.

Host plant: adults on flowering stems of *Dillwynia floribunda* [Fabaceae].

Melobasis goerlingi Levey 2012: 39.

Biology/Ecology: Levey 2012: 39.

Host plants: larvae in and adults on foliage of *Acacia* spp. [Fabaceae].

Melobasis gratiosissima Thomson 1879a: 18; Bellamy 2002: 153.

Biology/Ecology: Goudie 1920: 30.

Melobasis hanloni Levey 2012: 41.

Biology/Ecology: Levey 2012: 42.

Host plants: adults on foliage of *Acacia oldfieldii* and *Acacia* spp. [Fabaceae].

Melobasis hypocrita Erichson 1842: 135; Bellamy 2002: 153.

Biology/Ecology: Williams 1985: 42; Bashford 1990: 12; Turner and Hawkeswood 1994e: 101; 1996b: 84; 1997b: 262; Cowie 2001: 26; Turner 2001a: 61; Bellamy 2002: 153; Hawkeswood 2011b: 7.

Host plants: larvae in *Doryphora sassafras* [Atherospermataceae], *Nothofagus moorei* [Fagaceae], *Corymbia tessellaris* [Myrtaceae] and *Pinus radiata* [Pinaceae]. **New Host Record:** emerged ex. *Ceratopetalum apetalum* [Cunoniaceae] (NSW130).

Melobasis ignipicta Kerremans 1900: 297; Bellamy 2002: 154.

Biology/Ecology: Carter 1923b: 65; Hawkeswood 2011b: 7.

Host plant: adults on dead branches of *Eucalyptus* sp. [Myrtaceae]. **New Host Record:** larvae in *Nothofagus moorei* [Fagaceae] (NSW6).

Melobasis inflammabilis Thomson 1879a: 19; Bellamy 2002: 166; Levey 2012: 18.

Biology/Ecology: Levey 2012: 19.

Host plant: adults on foliage of *Acacia rostellifera* [Fabaceae].

Melobasis innocua Thomson 1879a: 20; Bellamy 2002: 154.

Biology/Ecology: Cowie 2001: 27; Hawkeswood 2011b: 8.

Host plants: adults on *Ozothamnus ferrugineus* [Asteraceae], *Acacia dealbata* [Fabaceae] and *Corymbia tessellaris* [Myrtaceae].

Melobasis jacquelinae Turner and Hawkeswood 2003: 16.

Immature stages: Turner and Hawkeswood 2003: 19.

Biology/Ecology: Turner and Hawkeswood 2003: 15; Hawkeswood 2011b: 8.

Host plants: larvae in and adults on flowers of *Jacksonia scoparia*; adults also on *Acacia* sp. [Fabaceae].

Melobasis janae Levey 2012: 42.

Biology/Ecology: Levey 2012: 43.

Host plant: adults on foliage of *Acacia* spp. [Fabaceae].

Melobasis kanguluorum Levey 2012: 19.

Biology/Ecology: Levey 2012: 20.

Host plant: adults on foliage of Brigalow, *Acacia harpophylla* [Fabaceae].

Melobasis kaszabi (Pochon 1967: 279, *Briseis*); Bellamy 2002: 143.

Host plants: **New Host Record:** larvae in and adults on foliage of *Alphitonia petriei* [Rhamnaceae] (NQLD6).

Melobasis knowlesi Levey 2012: 42.

Biology/Ecology: Levey 2012: 43.

Host plant: adults on foliage of *Acacia* spp. [Fabaceae].

Melobasis lathami (Laporte and Gory 1837: 120, *Buprestis*); Bellamy 2002: 155.

Biology/Ecology: Whitlock 1947: 12; van den Berg 1980: 170; ; Hawkeswood 2011b: 8.

Host plants: adults on flowers of *Acacia saligna* [Fabaceae] and *Patersonia* sp. [Iridaceae].

Melobasis meyricki Blackburn 1887: 238; Bellamy 2002: 157; Levey 2012: 46.

Biology/Ecology: Levey 2012: 47.

Host plant: adults on foliage of *Acacia* spp. [Fabaceae].

Melobasis monticola Blackburn 1892c: 496; Bellamy 2002: 157.

Biology/Ecology: Cowie 2001: 27; Hawkeswood 2011b: 9.

Host plants: adults on *Corymbia tessellaris* and *Eucalyptus nitens* [Myrtaceae].

Melobasis myallae Carter 1932: 102; Bellamy 2002: 157.

Biology/Ecology: Carter 1932: 102.

Host plant: adults on foliage of *Acacia pendula* [Fabaceae].

Melobasis naias Obenberger 1942: 102; Bellamy 2002: 157.

Biology/Ecology: Webb 1994b: 85; 1997: 59 Hawkeswood 2011b: 9.

Host plants: larvae in *Acacia longifolia* and *A. mucronata* [Fabaceae].

Melobasis nervosa (Boisduval 1835: 77, *Buprestis*); Bellamy 2002: 157.

Biology/Ecology: Tepper 1887: 16; Goudie 1920: 30; Webb 1994b: 85; Faithfull 1997: 23; Turner and Hawkeswood 1997a: 258; 1997b: 262; Cowie 2001: 28; Bellamy 2002: 157 Hawkeswood 2011b: 9.

Host plants: larvae in *Acacia dealbata*, *A. mucronata* and *A. sophorae*; adults on leaves of *A. calamifolia* [Fabaceae] and *Corymbia tessellaris* [Myrtaceae].

Melobasis nitidiventris Kerremans 1898: 122; Bellamy 2002: 158.

Biology/Ecology: Williams and Williams 1983: 86; Bellamy 2002: 158 Hawkeswood 2011b: 9.

Host plant: adults on foliage of *Acacia* sp. [Fabaceae].

Melobasis nudipectus Levey 2012: 47

Biology/Ecology: Levey 2012: 48.

Host plant: adults on flowering *Acacia* spp. [Fabaceae].

Melobasis obscurella Thomson 1879a: 19; Bellamy 2002: 158.

Biology/Ecology: van den Berg 1982: 51; Hawkeswood 1986d: 1; Faithfull 1997: 24; Webb 1994b: 85; Cowie 2001: 31; Bellamy 2002: 158; Hawkeswood 2011b: 14 (as *rotundicollis*).

Host plants: larvae in *Acacia mucronata*; adults on *Acacia linifolia*, *A. longifolia* [Fabaceae] and *Corymbia tessellaris* [Myrtaceae].

Melobasis paucipunctata Levey 2012: 21.

Biology/Ecology: Levey 2012: 22.

Host plant: adults on flowering *Santalum acuminatum* [Santalaceae].

Melobasis picticollis Carter 1923b: 95; Bellamy 2002: 159.

Biology/Ecology: Carter 1933b: 159 Hawkeswood 2011b: 10.

Host plants: adults on wattles, *Acacia* sp./spp. [Fabaceae].

Melobasis powelli Levey 2012: 48.

Biology/Ecology: Levey 2012: 50.

Host plants: adults on foliage of *Acacia* sp./spp. [Fabaceae].

Melobasis prisca Erichson 1842: 135; Bellamy 2002: 159.

Biology/Ecology: Cowie 2001: 29; Bellamy 2002: 159; Hawkeswood 2011b: 11.

Host plant: adults on *Ozothamnus ferrugineus* [Asteraceae].

Melobasis propinqua subspecies ***propinqua*** (Laporte and Gory 1837: 120, *Buprestis*); Bellamy 2002: 160; Levey 2012: 57.

Biology/Bionomy (as *cuprifera*): Carter 1923b: 65; Hawkeswood 1986c: 438; 1987a: 64, plate 90; 1988: 83; 1990a: 340; 1993a: 439; Williams and Williams 1983: 86; Turner and Hawkeswood 1996b: 84; 1997b: 262; Turner 2001a: 61; Bellamy 2002: 160; Hawkeswood 2011b: 3 (*cuprifera*); Levey 2012: 58.

Host plants: larvae in *Pultenaea villosa* [Fabaceae]; adults on flowers and foliage of *Gahnia erythrocarpa* [Cyperaceae], *Bossiaea eriocarpa* Benth., *Daviesia latifolia*, *Dillwynia brunioides*, *D. floribunda*, *D. retorta*, *D. sericea*, *Jacksonia scoparia*, *Phyllota phyllicoides*, *Pultenaea elliptica*, *P. villosa* [Fabaceae], *Baeckea* sp., *Leptospermum brevipes*, *Leptospermum* sp. [Myrtaceae] and *Xanthorrhoea johnsonii* [Xanthorrhoeaceae]; feeding on flower petals of *Daviesia corymbosa* var. *virgata*, *Dillwynia retorta* and *Pultenaea subternata* [Fabaceae].

Melobasis propinqua subspecies ***depressa*** Levey 2012: 59.

Biology/Ecology: Levey 2012: 60.

Host plants: adults on flowers and foliage of *Otione* sp. and *Urodon* sp. [Fabaceae].

Melobasis propinqua subspecies ***porteri*** (Hope 1846a: 63, *Buprestis*); Bellamy 2002: 160; Levey 2012: 60.

Biology/Ecology: Cowie 2001: 29.

Host plants: adults on *Dillwynia* sp. and other bush peas [Fabaceae].

Melobasis propinqua subspecies **verna** (Hope 1846a: 63, *Buprestis*); Bellamy 2002: 161; Levey 2012: 60.

Biology/Ecology: Levey 2012: 61.

Host plants: adults on foliage of *Acacia* spp., *Aotus ericoides*, *Platylobium* sp., *Pultenaea* spp. [Fabaceae], *Baeckea behrii* and *Leptospermum* sp. [Myrtaceae].

Melobasis purpurascens (Fabricius 1801: 217, *Buprestis*); Bellamy 2002: 161.

Biology/Ecology: Froggatt 1895: 133; Goudie 1920: 30; Brooks 1965: 30; Hawkeswood and Peterson 1982: 243; Hawkeswood 1986b: 174; 1986c: 438; Hockey and De Barr 1988: 158; Bashford 1990: 12; 1991: 105 (*purpurescens*); Hawkeswood 1992c: 51; 1993a: 439; Williams and Williams 1983: 86; Webb 1994b: 85; Turner and Hawkeswood 1994e: 101; 1996b: 84; 1997a: 258; 1997b: 262; Bashford 1997: 111; Faithfull 1997: 23; Webb 1997: 59 (as *anchoralis*), 61 (as *purpurascens*); Cowie 2001: 30; Turner 2001a: 61; Bellamy 2002: 161; Hawkeswood 2006c: 5; 2011b: 2 (as *anchoralis*), 11 (as *purpurascens*).

Host plants: larvae in *Acacia concurrens*, *A. dealbata*, *A. irrorata*, *A. longifolia*, *A. melanoxylon*, *A. mucronata*, *A. sophorae*, *A. terminalis* [Fabaceae], *Excoecaria agallocha* [Euphorbiaceae], *Flindersia australia* [Flindersiaceae], *Aegiceras corniculatum* [Myrsinaceae], *Citrus limonia*, *C. sinensis*, *Citrus* sp. [Rutaceae] and *Clerodendrum floribundum* [Verbenaceae] and an unknown fruit tree; adults also on *Ozothamnus ferrugineus* [Asteraceae], *Acacia cincinnata*, *A. ingramii*, *A. longifolia*, *A. melanoxylon*, *Corymbia tessellaris*, *Leptospermum flavescens*, *L. polygalifolium* [Myrtaceae] and *Banksia marginata* [Proteaceae].

Melobasis purpurilata Levey 2012: 50.

Biology/Ecology: Levey 2012: 51.

Host plants: adults on foliage of *Acacia* sp./spp. [Fabaceae].

Melobasis pusilla Carter 1928a: 272; Bellamy 2002: 162; Levey 2012: 23.

Biology/Ecology: Hawkeswood 1990b: 25; 1991b: 234; Bellamy 2002: 162; Hawkeswood 2011b: 14; Levey 2012: 24.

Host plants: larvae in *Acacia mearnsii*; adults on foliage of *Acacia bidwillii* and *A. harpophylla* [Fabaceae].

Melobasis rectipilosa Levey 2012: 61.

Biology/Ecology: Levey 2012: 62.

Host plant: adults on foliage of *Chorizema* sp. [Fabaceae].

Melobasis regalis subspecies **regalis** Carter 1923b: 97; Bellamy 2002: 162; Levey 2012: 62.

Biology/Ecology: Levey 2012: 64.

Host plant: adults on foliage of *Mirbelia seorsifolia* [Fabaceae].

Melobasis robusta Carter 1923b: 85; Bellamy 2002: 162; Levey 2012: 74.

Biology/Ecology: Hawkeswood 1987c: 65, plate 92.

Host plants: adults on foliage of *Melaleuca* spp. [Myrtaceae].

Melobasis septemplagiata Carter 1923b: 91; Bellamy 2002: 163; Levey 2012: 50.

Biology/Ecology: Levey 2012: 53.

Host plants: adults on foliage of *Acacia* sp./spp. [Fabaceae].

Melobasis sexplagiata (Laporte and Gory 1837: 124, *Buprestis*); Bellamy 2002: 163.

Biology/Ecology: Tepper 1887: 16; Goudie 1920: 30; Carter 1933b: 44; McMillan 1950a: 57; 1950b: 166; Hawkeswood and Peterson 1982: 243; Turner and Hawkeswood 1994e: 101; 1996b: 84; 1997b: 262; Hawkeswood 2002b: 34; Turner 2001a: 61; Bellamy 2002: 163; Hawkeswood 2011b: 14.

Host plants: larvae in *Eucalyptus camaldulensis* and *E. rudis* [Myrtaceae]; adults on foliage of *Cas-sia eremophila* [Fabaceae] and *Eucalyptus* spp.

Melobasis similis Levey 2012: 75

Biology/Ecology: Levey 2012: 75.

Host plants: adults on foliage of *Acacia oldfieldii* and *Acacia* spp. [Fabaceae].**Melobasis simulata** Levey 2012: 65.

Biology/Ecology: Levey 2012: 65.

Host plant: adults on foliage of *Mirbelia seorsifolia* [Fabaceae].**Melobasis specularis** Levey 2012: 76.

Biology/Ecology: Levey 2012: 77.

Host plant: adults on foliage of *Bossiaea walkeri* [Fabaceae].**Melobasis splendida** (Donovan 1805: 22, *Buprestis*); Bellamy 2002: 164.

Immature stages: Froggatt 1895: 333.

Biology/Ecology: Froggatt 1907: 163; Gurney 1911: 58; Goudie 1920: 30; Froggatt 1923: 107; Carter 1923b: 65; Hadlington 1951: 9; Williams 1995; Bellamy 2002: 165; Turner and Hawkeswood 2011: 328; Hawkeswood 2011b: 15.

Host plants: larvae in *Acacia longifolia* [Fabaceae], *Eucalyptus macrorhyncha* and *E. punctata* [Myrtaceae]. **New Host Record:** adults on foliage of *Syzygium floribundum* [Myrtaceae] (NSW133).**Melobasis thoracica** Blackburn 1887: 246; Bellamy 2002: 165; Levey 2012: 16.Biology/Ecology: Williams and Williams 1983: 86 (as *nitidiventris*); Bellamy 2002: 158; Levey 2012: 17.Host plants: adults on foliage of *Acacia* spp. [Fabaceae].**Melobasis uniformis** Carter 1923b: 87; Bellamy 2002: 165; Levey 2012: 66.

Biology/Ecology: Levey 2012: 68.

Host plants: adults on foliage of *Leucopogon* sp. [Ericaceae], *Gastrolobium floribundum*, *G. spinosum* and *Mirbelia seorsifolia* [Fabaceae].**Melobasis vertebralis** Carter 1923b: 83; Bellamy 2002: 166.

Immature stages: Volkovitsh and Hawkeswood 1995: 12; Bílý and Volkovitsh 2005: 16.

Biology/Ecology: Turner and Hawkeswood 1994e: 101; 1996b: 84; 1997a: 258; 1997b: 262; Turner 2001a: 61; Hawkeswood 2011b: 16.

Host plant: larvae in *Acacia leiocalyx* [Fabaceae].**Melobasis vittata** Blackburn 1887: 242; Bellamy 2002: 166.

Immature stages: Turner 2001a: 60.

Biology/Ecology: van den Berg 1980: 169; Turner 2001a: 58; Bellamy 2002: 167; Hawkeswood 2011b: 16.

Host plants: larvae in *Acacia chalkerii* and *A. cyclops* [Fabaceae].**Melobasis wannerua** Carter 1936: 103; Bellamy 2002: 167.

Biology/Ecology: Hawkeswood 2005b: 14; 2011b: 17.

Host plant: adults on foliage of *Rhadinothamnus anceps* [Rutaceae].**Melobasis sp. 1**Biology/Ecology: Webb 1994b: 85 (as *Melobasis* sp. nov. [Levey]).Host plants: reared from the wood of *Acacia dealbata* and *A. mucronata* [Fabaceae].**Melobasis sp. 2**Biology/Ecology: Webb 1997: 59 (as *Melobasis* sp. 1 [*ordinata*])Host plant: reared from *Acacia longifolia* timber [Fabaceae].

Melobasis sp. 3

Biology/Ecology: Webb 1997: 59 (as *Melobasis* sp. 2 [*watkinsi*])
 Host plant: reared from *Acacia longifolia* timber [Fabaceae].

Melobasis sp. 4

Biology/Ecology: Webb 1997: 59 (as *Melobasis* sp. 3)
 Host plant: reared from *Acacia longifolia* timber [Fabaceae].

Melobasis sp. 5

Biology/Ecology: Cowie 2001: 30; Plate 6 (as *Melobasis* sp. 1).
 Host plant: on flowers of *Corymbia tessellaris* [Myrtaceae].

Melobasis sp. 6

Biology/Ecology: Cowie 2001: 31; Plate 6 (as *Melobasis* sp. 2).

Melobasis sp. 7

Biology/Ecology: Williams and Williams 1983: 86 (as *Melobasis* sp. near *semisuturalis*); Hawkeswood 2012: 19 (as *Melobasis* sp. 6).
 Host plants: on foliage of *Eucalyptus* sp./spp. [Myrtaceae].

Melobasis sp. 8

Biology/Ecology: Williams and Williams 1983: 86 (as *Melobasis* sp.); Hawkeswood 2012: 19 (as *Melobasis* sp. 7).
 Host plant: on flowers of *Jacksonia scoparia* [Fabaceae].

Melobasis sp. 9

Biology/Ecology: Bashford 1990: 12 (as *Melobasis* sp.); Hawkeswood 2012: 18 (as *Melobasis* sp. 2).
 Host plant: adults on foliage of *Allocasuarina littoralis* [Casuarinaceae].

Melobasis sp. 10

Biology/Ecology: Faithfull 1997: 23 (as *Melobasis* ? *simplex* but close to *M. watkinsi*); Hawkeswood 2011b: 15.
 Host plant: emerging from *Acacia sophorae* [Fabaceae].

Melobasis sp. 11

Biology/Ecology: van den Berg 1982: 51 (as *Melobasis rotundicollis* Blackburn, *nomen nudum*).
 Host plant: feeding on flowers of *Acacia dealbata* [Fabaceae].

Melobasis sp. 12

Biology/Ecology: van den Berg 1982: 53 (as *Melobasis* sp.).
 Host plant: "adults feed on flowers" *Acacia longifolia* [Fabaceae].

Tribe Melanophilini Bedel 1921**Genus *Merimna* Saunders 1868**

Merimna atrata (Gory and Laporte 1837: 58, *Chrysobothris*); Bellamy 2002: 88.

Biology/Ecology: Tepper 1887: 20; Froggatt 1907: 160, fig. 73; Poulton 1916: iii; Goudie 1920: 34; Tillyard 1926: 218; Carter 1927: 223; 1933b: 196; Hanlon 1981: 326; Hawkeswood and Peterson 1982: 242; Williams and Williams 1983: 86; Webb 1987a: 61; Burns and Burns 1988: 27; Hawkeswood 1990b: 25; 1991c: 7; 2002b: 33; Bellamy 2002: 88; Hawkeswood 2007e: 12.

Host plants: larvae in *Baeckea frutescens*, *Eucalyptus* spp. [on *Eucalyptus albens*, *E. melliodora* and/or *E. moluccana*]; eggs laid on *Eucalyptus calophylla*; adults on flowers of *Angophora hispida* [Myrtaceae].

Tribe Actenodini Gistel 1848**Genus *Belionota* Eschscholtz 1829**

Belionota prasina (Thunberg 1789: 90, *Buprestis*); Bellamy 2002: 87.

Immature stages: Fletcher 1918: 103.

Biology/Ecology: Tung 1983: 70; Hawkeswood 2002a: 1.

Host plants: larvae in *Mangifera indica* # [Anacardiaceae], *Ceiba pentandra* # [Bombacaceae] and *Delonix regia* # [Fabaceae]; adults on *Ceiba pentandra* # and *Casuarina* sp. [Casuarinaceae].

Tribe Chrysobothrini Gory and Laporte 1837**Genus *Chrysobothris* Eschscholtz 1829**

Chrysobothris mastersii Macleay 1872: 247; Bellamy 2002: 90.

Biology/Ecology: Carter 1927: 233.

Host plant: adults on foliage of *Eucalyptus albens* [Myrtaceae]

Chrysobothris queenslandica Hawkeswood 1986a: 168; Bellamy 2002: 91.

Biology/Ecology: Hawkeswood and Peterson 1982: 242 (larvae, pupae and adults of an undescribed *Chrysobothris*); Hawkeswood 1986a: 167, 171; 1990b: 25; 2006l: 42.

Host plant: in dead stems of *Acacia bidwillii* [Fabaceae].

Chrysobothris saundersii Macleay 1872: 246; Bellamy 2002: 92.

Biology/Ecology: Hawkeswood 1986b: 176; Hawkeswood and Turner 1997a: 145; Bellamy 2002: 92; Hawkeswood 2006l: 42.

Host plants: larvae in *Allocasuarina verticillata* [Casuarinaceae], *Acacia leiocalyx* and *Acacia* sp. [Fabaceae].

Chrysobothris simplicifrons Kerremans 1903a: 188; Bellamy 2002: 92.

Biology/Bionomy (should be for *C. viridis*?): Williams 1985: 42; Bellamy 2002: 92.

Host plant: ovipositing on branch of *Rapanea variabilis* [Myrsinaceae]. **New Host Record:** adults emerged ex. dead branch of *Backhousia myrtifolia* [Myrtaceae] (NSW66).

Chrysobothris subsimilis Thomson 1879a: 47; Bellamy 2002: 92.

Biology/Ecology: Hawkeswood 1988: 86; Bellamy 2002: 92; Hawkeswood 2006l: 43.

Host plant: larvae in *Acacia peuce* [Fabaceae]. **New Host Record:** larvae in and adults on *Acacia* sp. [Fabaceae] (NSW93/94).

Chrysobothris viridis Macleay 1872: 247; Bellamy 2002: 93.

Biology/Ecology: Williams 1985: 42 (as *C. simplicifrons*); Bellamy 2002: 92; Hawkeswood 2006l: 43.

Host plant: larvae in *Rapanea variabilis* [Myrsinaceae].

***Chrysobothris* sp. 1**

Biology/Ecology: Carter 1927: 223 (*Chrysobothris* sp.? *mastersii* ("6-spot *Buprestis*")).

Host plants: adults on branches of *Eucalyptus albens*, *E. meliodora* and/or *E. hemiphloia* [Myrtaceae].

***Chrysobothris* sp. 2**

Host plants: **New Host Record:** larvae in and adults on foliage of *Acacia bidwillii* [Fabaceae] (NQLD8).

Subfamily Agrilinae Laporte 1835**Tribe Coraebini Bedel 1921****Subtribe Ethoniina Majer 2001**

Genus *Ethonion* Kubán 2000

General Host Associations: Matthews 1985: 5.

Ethonion breve (Carter 1923a: 160, *Ethon*); Bellamy 2002: 397.

Biology/Ecology: Hawkeswood 1980a: 198; Hawkeswood and Turner 1992: 174; Webb 1993: 162; Bellamy 2002: 397.

Host plant: adults on flowers of *Patersonia occidentalis* [Iridaceae].

Ethonion corpulentum (Boheman 1858: 62, *Ethon*); Bellamy 2002: 397.

Host plants: larvae in galls of *Dillwynia retorta* [Fabaceae]; adults on flowers of *Daviesia latifolia*, *Dillwynia* spp., *Pultenaea acerosa*, *P. daphnoides*, *Pultenaea* spp. [Fabaceae] and *Leptospermum* spp. [Myrtaceae].

Ethonion fissiceps (Kirby 1818b: 458, *Buprestis*); Bellamy 2002: 398.

Biology/Ecology: Hawkeswood 1978: 260 (as *Cisseis roseocuprea*); Williams and Williams 1983: 84; Hawkeswood and Turner 1992: 169; Webb 1993: 162; Turner and Hawkeswood 1995b: 318; Bellamy 2002: 398.

Host plants: larvae in galls of *Dillwynia floribunda* and *D. retorta*; adults on flowers of *D. floribunda* and foliage of *Dillwynia floribunda* var. *teretifolia* [Fabaceae].

Ethonion jessicae (Hawkeswood and Turner 1994b: 168, *Ethon*); Bellamy 2002: 398.

Biology/Ecology: Hawkeswood and Turner 1994: 175; Bellamy 2002: 398.

Host plants: larvae in galls of *Dillwynia glaberrima*, *D. retorta*, *Pultenaea blakelyi* and *P. flexilis* [Fabaceae].

Ethonion leai (Carter 1924a: 26, *Ethon*); Bellamy 2002: 398.

Biology/Ecology: Williams and Williams 1983: 84; Hawkeswood and Turner 1992: 174; Cowie 2001: 36; Bellamy 2002: 398.

Host plants: adults on flowers and foliage of *Dillwynia retorta* and *D. sericea* and foliage of *Dillwynia* spp. [Fabaceae].

Ethonion maculatum (Blackburn 1887: 250, *Ethon*, preocc.: *maculatum* Gory and Laporte 1839); Bellamy 2002: 398.

Biology/Ecology: Froggatt 1893a: 325 (as *corpulentum*); Webb 1993: 16; Bellamy 2002: 399.

Host plants: larvae in root galls of *Dillwynia retorta*; adults on flowers of *Jacksonia* sp. [Fabaceae].

Ethonion reichei (Chevrolat 1838: 82, *Diphucrania*); Bellamy 2002: 399.

Immature stages: Saunders 1847: 27; Volkovitsh and Hawkeswood 1990: 49 (as *affine*).

Biology/Ecology (as *affine*): Saunders 1847: 27 (as *auriflua*); Froggatt 1893a: 323; 1907: 165; Carter 1923a: 159; Williams and Williams 1983: 84; Hawkeswood 1987c: 63, plate 87; 1988: 83; Volkovitsh and Hawkeswood 1990: 54; Hawkeswood and Turner 1992: 171; Webb 1993: 162; Turner and Hawkeswood 1995b: 318; Bellamy 2002: 399.

Host plants: larvae in galls of *Pultenaea ferruginea*, *P. flexilis* and *P. stipularis* [Fabaceae]; adults on flowers of *Dillwynia floribunda*, *D. retorta*, *Dillwynia* spp., *Jacksonia scoparia*, *P. ferruginea*, *Pultenaea* spp. [Fabaceae] and *Leptospermum* spp. [Myrtaceae].

***Ethonion* sp. 1**

Biology/Ecology: Williams and Williams 1983: 84 (as *Ethonion* sp. near *E. affine*).

Host plant: adults on foliage of *Phyllota grandiflora* Benth. [Fabaceae].

***Ethonion* sp. 2**

Biology/Ecology: Williams and Williams 1983: 84 (as *Ethonion* sp. near *leai*).

Subtribe Cisseisina Majer 2001**Genus *Diphucrania* Dejean 1833**

General Host Associations: Matthews 1985: 5.

Diphucrania acuducta (Kirby 1837: 162, *Trachys*); Bellamy 2002: 365.

Immature stages: Turner and Hawkeswood 1997c: 274.

Biology/Ecology: Froggatt 1893a: 325 (as *Ethon marmoreum*); 1907: 165; Carter 1923a: 159; Hawkeswood 1978: 260; Williams and Williams 1983: 84; Webb 1986b: 172; Hawkeswood 1986c: 441; 1993a: 441; Webb 1993: 160; Turner and Hawkeswood 1995a: 315; 1997c: 275; Cowie 2001: 33.

Host plants: larvae in *Bossiaea rhombifolia*, *Dillwynia retorta* and galls in roots of *Pultenaea stipularis*; adults on *Acacia longifolia*, *A. obtusifolia*, *Dillwynia floribunda*, *D. retorta*, *Dillwynia* sp., *Jacksonia scoparia*, *Phyllota grandiflora*, *P. phyllicoides*, *Pultenaea* spp. and *Viminaria juncea* [Fabaceae], *Leptospermum flavescens* and *Leptospermum* spp. [Myrtaceae]. **New Host Record:** adults on foliage of *Oxylobium* sp. [Fabaceae] (NSW80).

Diphucrania adusta (Barker 2001: 101, *Cisseis*); Bellamy 2002: 366.

Biology/Ecology: Barker 2001: 101.

Host plant: adults on *Banksia* sp. [Proteaceae].

Diphucrania aenea (Barker 2007a: 258, *Cisseis*, preocc.: *aenea* Kerremans 1898).

Biology/Ecology: Barker 2007a: 258.

Host plants: adults on foliage of *Acacia longifolia*, *A. sophorae* and *Acacia* sp. [Fabaceae].

Diphucrania aenigma (Barker 2007a: 260, *Cisseis*).

Biology/Ecology: Barker 2007a: 260.

Host plants: adults on foliage of *Leucopogon* sp. [Ericaceae] and *Leptospermum coriaceum* [Myrtaceae].

Diphucrania albosparsa (Gory and Laporte 1839: 3, *Cisseis*); Bellamy 2002: 366.

Biology/Ecology: Brooks 1965: 30 (as *inflammata*); Hawkeswood 1990b: 26 (as *inflammata*); Bellamy 2002: 367.

Host plants: adults on foliage of *Acacia cincinnata* and *A. holosericea* [Fabaceae].

Diphucrania armstrongi (Barker 2001: 101, *Cisseis*); Bellamy 2002: 367.

Biology/Ecology: Barker 2001: 101.

Host plant: adults on foliage of *Acacia pendula* [Fabaceae].

Diphucrania augustgoerlingi (Barker 2001: 102, *Cisseis*); Bellamy 2002: 367.

Biology/Ecology: Barker 2001: 102.

Host plant: adults on foliage of *Acacia* sp. [Fabaceae].

Diphucrania aurocyanea (Carter 1934: 258, *Cisseis*); Bellamy 2002: 367.

Biology/Ecology: Williams and Williams 1983: 84; Williams 1993: 107; Bellamy 2002: 367.

Host plant: adults on foliage of *Acacia longifolia* [Fabaceae].

Diphucrania borealis (Barker 2007a: 262, *Cisseis*).

Biology/Ecology: Barker 2007a: 263.

Host plant: adults on foliage of *Jacksonia thesioides* [Fabaceae].

Diphucrania chalcophora (Barker 2001: 103, *Cisseis*); Bellamy 2002: 368.

Biology/Ecology: Barker 2001: 104.

Host plant: adults on flowering *Acacia retinodes* [Fabaceae].

- Diphucrania chlorata*** (Barker 2007a: 264, *Cisseis*).
Biology/Ecology: Barker 2007a: 264.
Host plant: adults on flowers of *Glischrocaryon roei* [Haloragaceae].
- Diphucrania corpulenta*** (Barker 2001: 104, *Cisseis*); Bellamy 2002: 368.
Biology/Ecology: Barker 2001: 105; Bellamy 2002: 368.
Host plant: adults on flowers of *Melaleuca* spp. [Myrtaceae].
- Diphucrania cupreata*** (Barker 2007a: 264, *Cisseis*).
Biology/Ecology: Barker 2007a: 264.
Host plant: adults on foliage of *Acacia* sp. [Fabaceae].
- Diphucrania cupreicollis*** (Hope 1846a: 64, *Ethon*); Bellamy 2002: 368.
Biology/Ecology: Hawkeswood 1987c: 63, plate 86.
Host plants: adults on foliage of *Casuarina* spp. [Casuarinaceae] and *Acacia* spp. [Fabaceae].
- Diphucrania cupreola*** (Barker 2001: 105, *Cisseis*); Bellamy 2002: 369.
Biology/Ecology: Barker 2001: 105.
Host plant: adults on foliage of *Acacia longifolia* [Fabaceae].
- Diphucrania cupripennis*** (Guérin-Méneville 1830: 65, *Buprestis*); Bellamy 2002: 369.
Immature stages: Froggatt 1895: 334 (as *semiscabrosa*).
Biology/Ecology: Tepper 1887: 20; Froggatt 1895: 334; Gurney 1911: 58 (as *semiscabrosa*); Brooks 1948a: 28; Hawkeswood and Peterson 1982: 242 (as *Cisseis scabrosula* ?); Williams and Williams 1983: 86; Hawkeswood 1987c: 62, plate 84; Webb 1988: 89; Hawkeswood 1991a: 58; Turner and Hawkeswood 1995a: 315 (as *semiscabrosa*); 1997c: 277; Bellamy 2002: 369.
Host plants: larvae in and adults on *Acacia longifolia* and adults on foliage of *A. decurrens*, *A. leiocalyx*, *A. obtusifolia*, *A. pycnantha* and *Tephrosia astragaloides* [Fabaceae] and foliage of *Leptospermum flavescens* [Myrtaceae].
- Diphucrania cyanea*** (Barker 2001: 105, *Cisseis*); Bellamy 2002: 369.
Biology/Ecology: Barker 2001: 106; Bellamy 2002: 369.
Host plants: larvae in galls of *Acacia blakelyi*; adults on flowers of *Acacia* spp. [Fabaceae].
- Diphucrania derbyensis*** (Barker 2001: 106, *Cisseis*); Bellamy 2002: 370.
Biology/Ecology: Barker 2001: 106; Bellamy 2002: 370.
Host plant: adult “on broad-leafed *Acacia*” [Fabaceae].
- Diphucrania duodecimmaculata*** (Fabricius 1801: 191, *Buprestis*); Bellamy 2002: 370.
Biology/Ecology: Froggatt 1896: 75; 1907: 165; 1914: 18; Carter 1923a: 164; Hobler 1924: 98; Whitlock 1947: 13; Williams and Williams 1983: 86; Hawkeswood 1985b: 162; Webb 1987a: 61; Turner and Hawkeswood 1995a: 315; 1997c: 277; Bellamy 2002: 371.
Host plants: larvae in *Xanthorrhoea* spp. [Xanthorrhoeaceae]; adults on foliage of *Allocasuarina distyla* [Casuarinaceae], flowers of *Angophora hispida*, leaves of small gum trees (*Eucalyptus* sp.) [Myrtaceae] and *Xanthorrhoea johnsonii*. **New Host Record:** adults on foliage of *Leptospermum* sp. [Myrtaceae] (VIC1).
- Diphucrania ernestadamsi*** (Barker 1999: 46, *Cisseis*); Bellamy 2002: 371.
Biology/Ecology: Barker 1999: 47; Bellamy 2002: 371.
Host plant: adults on foliage of *Acacia harpophylla* [Fabaceae].
- Diphucrania excelsior*** (Barker 2001: 107, *Cisseis*); Bellamy 2002: 371.
Biology/Ecology: Barker 2001: 107; Bellamy 2002: 371.
Host plant: adults “on Faboidea leaves.”

Diphucrania fritilla (Barker 2007a: 269, *Cisseis*).

Biology/Ecology: Barker 2007a: 269.

Host plant: adults on foliage of *Acacia* sp. [Fabaceae].***Diphucrania fulgidicollis*** (Macleay 1888: 1231, *Cisseis*); Bellamy 2002: 372.

Biology/Ecology: Brooks 1948a: 29; Hawkeswood 1990b: 26; Bellamy 2002: 372.

Host plants: adults on leaves of *Acacia aulacocarpa*, *A. leptostachya* and *A. mangium* [Fabaceae].***Diphucrania furfurosa*** (Barker 2007a: 270, *Cisseis*).

Biology/Ecology: Barker 2007a: 270.

Host plants: adults on foliage of *Callitris* sp. [Cupressaceae] and *Acacia* sp. [Fabaceae].***Diphucrania goldingi*** (Barker 2007a: 271, *Cisseis*).

Biology/Ecology: Barker 2007a: 271.

Host plant: adults on foliage of *Acacia* sp. [Fabaceae].***Diphucrania heroni*** (Carter 1934: 259, *Cisseis*); Bellamy 2002: 372.

Biology/Ecology: Williams and Williams 1983: 86; Bellamy 2002: 372.

Host plants: adults on foliage of *Acacia decurrens*, *Acacia falcata* and *Daviesia latifolia* [Fabaceae].***Diphucrania laticollis*** (Carter 1923a: 169, *Cisseis*); Bellamy 2002: 373.

Biology/Ecology: Hawkeswood 1992d: 111.

Host plant: adults on foliage of *Acacia leiocalyx* [Fabaceae].***Diphucrania leucosticta*** (Kirby 1818a: 382, *Buprestis*); Bellamy 2002: 373.Biology/Ecology: Tepper 1887: 20; Froggatt 1902: 703; Gurney 1911: 58; Gallard 1916: 113 (as *Bisseis leucosticta*); Froggatt 1923: 106; Carter 1923a: 161; Tillyard 1926: 216; Hawkeswood 1978: 260; Williams and Williams 1983: 86; Hawkeswood 1986c: 441; Burns and Burns 1988: 27; Hawkeswood 1993a: 441; Turner and Hawkeswood 1995a: 315; 1997c: 277; Bellamy 2002: 373.Host plants: larvae in heartwood of *Acacia pycnantha*; adults on foliage of *A. decurrens*, *A. filicifolia*, *A. longifolia*, *A. obtusifolia* and *Acacia* spp. [Fabaceae]. **New Host Record:** adults on foliage of *Angophora* sp. [Myrtaceae] (NSW123).***Diphucrania macmillani*** (Barker 2001: 108, *Cisseis*); Bellamy 2002: 374.

Biology/Ecology: Barker 2001: 108; Bellamy 2002: 374.

Host plants: adults on foliage of *Banksia attenuata* [Proteaceae] and *Xanthorrhoea* spp. [Xanthorrhoeaceae].***Diphucrania maculata*** (Gory and Laporte 1839: 5, *Ethon*); Bellamy 2002: 374.

Immature stages: Froggatt 1895: 334; Gurney 1911: 58; Turner and Hawkeswood 1995a: 315.

Biology/Ecology: Froggatt 1907: 165; Carter 1923a: 162; Hawkeswood 1978: 260; Turner and Hawkeswood 1995a: 315; 1997c: 277; Webb 1997: 61; Bellamy 2002: 374.

Host plants: larvae in *Acacia longifolia* [Fabaceae]; adults on 'black wattle' and flowers of *Leptospermum flavescens* and *Leptospermum* spp. [Myrtaceae].***Diphucrania marmorata*** (Gory and Laporte 1839: 4, *Cisseis*); Bellamy 2002: 374.

Biology/Ecology: Hawkeswood 1978: 260; Williams and Williams 1983: 86; Hawkeswood 1987a: 266; Turner and Hawkeswood 1997c: 277; Bellamy 2002: 375.

Host plants: adults on foliage of *Acacia decurrens*, *A. parramattensis* [Fabaceae] and common fern.***Diphucrania minutissima*** (Thomson 1879a: 54, *Cisseis*); Bellamy 2002: 375.Host plants: **New Host Records:** adults on foliage of *Leptospermum* sp. (VIC1) and *Melaleuca* sp. (VIC6) [Myrtaceae].

Diphucrania montana (Barker 2007a: 275, *Cisseis*).

Biology/Ecology: Barker 2007a: 275.

Host plant: adults on foliage of wattle, *Acacia* sp. [Fabaceae].***Diphucrania nitidiventris*** (Carter 1934: 260, *Cisseis*); Bellamy 2002: 376.

Biology/Ecology: Williams and Williams 1983: 86; Bellamy 2002: 376.

Host plants: adults on flowers of *Leptospermum flavescens* and *Leptospermum* sp. [Myrtaceae].***Diphucrania notulata*** (Germar 1848: 178, *Ethon*); Bellamy 2002: 376.Biology/Ecology: Hawkeswood 1978: 260 (as *atroviolacea*); Williams and Williams 1983: 86; Hawkeswood 1987a: 266; Webb 1987a: 61; Cowie 2001: 34; Bellamy 2002: 377.Host plants: adults on *Acacia linifolia*, *Dillwynia retorta*, *Dillwynia* spp. [Fabaceae] and on flowers of *Acacia falcata*, *Angophora hispida*, *Baeckea imbricata*, *Leptospermum flavescens*, *L. trinervium* [Myrtaceae] and *Hakea teretifolia* [Proteaceae].***Diphucrania nubeculosa*** (Germar 1848: 176, *Ethon*); Bellamy 2002: 377.Biology/Ecology: Froggatt 1902: 703 (as *similis*); Gurney 1911: 58 (as *similis*); Gallard 1916: 113 (as *Bisseis similis*); Goudie 1920: 34.Host plants: adults on foliage of *Acacia decurrens* and feeding on foliage of the wattle (*Acacia* sp.) [Fabaceae].***Diphucrania oblonga*** (Kerremans 1903a: 229, *Cisseis*); Bellamy 2002: 377.Biology/Ecology: Cowie 2001: 33; Bellamy 2002: 383 (under *viridiceps*?).Host plants: adults on *Leptospermum* spp. [Myrtaceae].***Diphucrania obscura*** (Blackburn 1887: 252, *Cisseis*); Bellamy 2002: 377.

Biology/Ecology: Williams and Williams 1983: 86; Bellamy 2002: 377.

Host plant: adults on flowers of *Baeckea imbricata* [Myrtaceae].***Diphucrania parva*** (Blackburn 1887: 253, *Cisseis*); Bellamy 2002: 378.Biology/Ecology: Hawkeswood 1978: 260 (as *pygmaea*); Bellamy 2002: 378.Host plant: adults on *Dodonaea triquetra* [Sapindaceae].***Diphucrania patricia*** (Carter 1935: 180, *Cisseis*); Bellamy 2002: 378.Host plants: **New Host Record:** adults on foliage of red-flowered Fabaceae (NSW21).***Diphucrania pauperula*** (Kerremans 1898: 167, *Cisseis*); Bellamy 2002: 378.

Biology/Ecology: Bashford 1997: 111; Cowie 2001: 35.

Host plant: adults on foliage of *Acacia dealbata* [Fabaceae].***Diphucrania pulleni*** (Barker 2001: 109, *Cisseis*); Bellamy 2002: 379.

Biology/Ecology: Barker 2001: 109; Bellamy 2002: 379.

Host plants: adults on foliage of “Yellow wood” (*Flindersia xanthoxyla*?), *Acacia* spp. and ‘brigelow’ (sic) (brigalow, *Acacia harpophylla*) [Fabaceae].***Diphucrania regalis*** (Thomson 1879a: 50, *Cisseis*); Bellamy 2002: 379.

Biology/Ecology: Brooks 1948a: 29; Hawkeswood 1990b: 26; Bellamy 2002: 379; Hangay and Zborowski 2010: 107.

Host plants: adults on leaves of *Acacia holosericea* and *A. mangium* [Fabaceae].***Diphucrania roseocuprea*** (Hope 1846a: 64, *Ethon*); Bellamy 2002: 380.

Biology/Ecology: Hawkeswood 1978: 260; Bellamy 2002: 380.

Host plants: adults on *Dillwynia floribunda* var. *teretifolia* [Fabaceae]. **New Host Records:** adults on foliage of *Epacris* sp. (NSW25) [Epacridaceae], *Goodenia* sp. (NSW59) [Fabaceae], *Baeckea* sp.

(NSW121), *Leptospermum* sp. (NSW83) [Myrtaceae] and *Xyris* sp. [Xyridaceae] (NSW59).

Diphucrania rubricata (Barker 2007a: 276, *Cisseis*).

Biology/Ecology: Barker 2007a: 276.

Host plant: adults on foliage of *Allocasuarina campestris* [Casuarinaceae].

Diphucrania rubriceps (Barker 2007a: 277, *Cisseis*).

Biology/Ecology: Barker 2007a: 277.

Host plants: adults on foliage of *Acacia* sp. [Fabaceae] and *Grevillea* sp. [Proteaceae]; on flowers of *Eucalyptus* sp. [Myrtaceae].

Diphucrania scabiosa (Boisduval 1835: 96, *Buprestis*); Bellamy 2002: 380.

Biology/Ecology: Barker 2001: 110 (as *septuosa*); Bellamy 2002: 381.

Host plants: adults on foliage of *Allocasuarina verticillata*, *Casuarina cunninghamiana* [Casuarinaceae] and *Tristaniopsis* sp. [Myrtaceae].

Diphucrania scabrosula (Kerremans 1898: 167, *Cisseis*); Bellamy 2002: 381.

Biology/Ecology: Hawkeswood 1981a: 146; van den Berg 1982: 53; Williams and Williams 1983: 86; Webb 1988: 89; 1993: 160; Turner and Hawkeswood 1995a: 315; 1997c: 277; Webb 1997: 59; Bellamy 2002: 381.

Host plants: larvae in *Acacia floribunda* and *A. longifolia*; adults on foliage of *Casuarina* sp. [Casuarinaceae], *A. decurrens*, *A. longifolia*, *A. obtusifolia*, *A. sophorae*, *Acacia* sp. [Fabaceae] and *Leptospermum flavescens* [Myrtaceae].

Diphucrania stigmata (Gory and Laporte 1839: 3, *Cisseis*); Bellamy 2002: 382.

Biology/Ecology: Whitlock 1947: 13; Hawkeswood 1987c: 62, plate 85.

Host plants: adults on leaves of *Xanthorrhoea preissii* and *Xanthorrhoea* spp. [Xanthorrhoeaceae].

Diphucrania suehasenpuschae (Barker 2007a: 279, *Cisseis*).

Host plants: **New Host Record:** adults on foliage of *Acacia melanoxylon* [Fabaceae] (NQLD6).

Diphucrania tasmanica (Kerremans 1898: 165, *Cisseis*); Bellamy 2002: 382.

Biology/Ecology: Cowie 2001: 34.

Host plant: adults on *Acacia dealbata* [Fabaceae].

Diphucrania trimentula (Barker 2001: 111, *Cisseis*); Bellamy 2002: 382.

Biology/Ecology: Barker 2001: 111; Bellamy 2002: 382.

Host plants: adults on *Acacia linifolia*, *A. longifolia*, *Jacksonia* sp. [Fabaceae], *Baeckea* sp. [Myrtaceae], *Bursaria* sp. [Pittosporaceae] and *Dondonaea* sp. [Sapindaceae].

Diphucrania vicina (Kerremans 1898: 165, *Cisseis*); Bellamy 2002: 383.

Biology/Ecology: Hawkeswood 1978: 260; 1987a: 266; 1991b: 58; Webb 1993: 161; 1994a: 61; Bellamy 2002: 383.

Host plants: adults on flowers of *Kunzea ericoides*, *Leptospermum flavescens* and *L. myrtifolium* [Myrtaceae]. **New Host Record:** adults on foliage of *Leptospermum* sp. (VIC1).

Diphucrania viridiceps (Kerremans 1898: 168, *Cisseis*); Bellamy 2002: 383.

Biology/Ecology: Webb 1993: 160.

Host plant: adults feeding on flowers of *Patersonia occidentalis* [Iridaceae]. **New Host Records:** adults on foliage of *Kunzea* sp. (NSW16) and *Leptospermum* sp. (NSW45, NSW67) [Myrtaceae].

Diphucrania viridipurpurea (Carter 1924a: 27, *Cisseis*); Bellamy 2002: 383.

Biology/Ecology: Carter 1927: 222.

Host plant: adults on foliage of *Chamelaucium uncinatum* [Myrtaceae].

Diphucrania watkinsi (Barker 2001: 112, *Cisseis*); Bellamy 2002: 384.

Biology/Ecology: Barker 2001: 112; Bellamy 2002: 384.

Host plants: adults on foliage of *Acacia* sp. [Fabaceae], *Syzygium floribundum* and *Syzygium smithii* [Myrtaceae].

Diphucrania williamsi (Barker 2007a: 282, *Cisseis*).

Biology/Ecology: Barker 2007a: 282.

Host plant: larvae in *Elattostachys nervosa* [Sapindaceae].

***Diphucrania* sp. 1**

Biology/Ecology: Gallard 1916: 113 (as *Bisseis similis*); Turner and Hawkeswood 1995a: 315 (as *Cisseis maculata*); 1997c: 277 (as *Cisseis marmorata*).

Host plant: larvae in *Acacia decurrens* [Fabaceae].

***Diphucrania* sp. 2**

Biology/Ecology: van den Berg 1982: 53 (as *Cisseis* sp. (nr. *laticollis*)); Webb 1997: 61.

Host plants: “adults feed on phylodes, larvae bore in dead branch of *Acacia longifolia*, *A. mearnsii* and *A. melanoxylon*” [Fabaceae].

***Diphucrania* sp. 3**

Biology/Ecology: Bashford 1991: 105 (as *Cisseis* sp.); 1997: 111 (as *C. pauperua* (Kerremans)).

Host plant: reared from *Acacia dealbata* [Fabaceae].

***Diphucrania* sp. 4**

Biology/Ecology: Turner and Hawkeswood 1995a: 315 (as *Cisseis* sp. near *C. nitidiventris* (Carter)); 1997c: 277.

Host plant: larvae and adults: *Dillwynia retorta* [Fabaceae].

***Diphucrania* sp. 5**

Biology/Ecology: Webb 1986b: 172 (as *Cisseis* sp. near *C. nitidiventris* (Carter)).

Host plant: adults on flowers of *Leptospermum lanigerum* [Myrtaceae].

***Diphucrania* sp. 6**

Biology/Ecology: Froggatt 1895: 334 (*Cisseis semiscabrosa*); Hawkeswood and Peterson 1982: 242; Webb 1993: 160; Turner and Hawkeswood 1995a: 315 (as *semiscabrosa*); 1997c: 277 (as *Cisseis semiscabrosa* or *C. scabrosula*).

Host plant: “breeding in *Acacia longifolia*” [Myrtaceae].

***Diphucrania* sp. 7**

Biology/Ecology: Williams and Williams 1983: 86 (as *Cisseis* near *vicina*); Webb 1993: 161 referred to the previous record as *vicina* as though the ‘near’ had not been used.

Host plants: adults on *Leptospermum flavescens* [Fabaceae] and *Leptomeria acida* [Santalaceae].

***Diphucrania* sp. 8**

Biology/Ecology: Williams and Williams 1983: 86 (as *Cisseis* sp. 1).

Host plants: adults on foliage of *Isopogon anemonifolius*, *Hakea teretifolia* [Proteaceae], *Acacia parramattensis* [Fabaceae], *Leptospermum flavescens*, *L. squarrosum* and *Leptospermum* sp./spp. [Myrtaceae].

***Diphucrania* sp. 9**

Biology/Ecology: Williams and Williams 1983: 86 (as *Cisseis* sp. 2).

Host plants: adults on foliage of *Acacia falcata* and *A. longifolia* [Fabaceae].

***Diphucrania* sp. 10**

Biology/Ecology: Williams and Williams 1983: 86 (as *Cisseis* sp. 3).

Host plants: adults on foliage of *Acacia decurrens* and *A. parramattensis* [Fabaceae].

***Diphucrania* sp. 11**

Biology/Ecology: Williams and Williams 1983: 86 (as *Cisseis* sp. 4).

Host plant: adults on foliage of *Acacia longifolia* [Fabaceae].

***Diphucrania* sp. 12**

Biology/Ecology: Turner and Hawkeswood 1994c: 46 (as *Cisseis* sp. 1).

Host plant: adults on *Leptospermum morrisonii* [Myrtaceae].

***Diphucrania* sp. 13**

Biology/Ecology: Turner and Hawkeswood 1994c: 46 (as *Cisseis* sp. 2).

Host plant: adults on *Leptospermum morrisonii* [Myrtaceae].

***Diphucrania* sp. 14**

Biology/Ecology: Gurney 1911: 58 (as *Cisseis cyanipes*, *nomen nudum*); Froggatt 1923: 106 (as "*Cisseis cyanipes* Saunders 1868").

Host plants: adults on foliage of black wattles, *Acacia decurrens* and allied varieties, *Acacia* spp. [Fabaceae].

Genus *Pachycisseis* Théry 1929

Pachycisseis bicolor (Gory and Laporte 1839: 3, *Ethon*); Bellamy 2002: 391.

Biology/Ecology: Tepper 1887: 20; Williams and Williams 1983: 84; Hawkeswood and Turner 1992: 174; Bellamy 2002: 391.

Host plants: adults on leaves and flowers of *Acacia spilleriana* [Fabaceae] and *Leptospermum flavescens* [Myrtaceae]. **New Host Record:** adults on leaves of *Acacia holosericea* [Fabaceae] (NQLD3).

Genus *Neospades* Blackburn 1887

Neospades chrysopygius (Germar 1848: 178, *Coraebus*); Bellamy 2002: 388.

Biology/Ecology: Brooks 1948a: 28 (as *simplex* ?); Hawkeswood 1990b: 27; Bellamy 2002: 388; Hawkeswood 2007h: 1.

Host plant: adults on flowers/foliage of *Cantharospermum reticulatum*, *Jacksonia thesioides* [Fabaceae], *Sida cordifolia* [Malvaceae] and *Solanum lasiophyllum* Dun. [Solanaceae].

Neospades cruciatus (Fabricius 1775: 222, *Buprestis*); Bellamy 2002: 388.

Biology/Ecology: Brooks 1948a: 28; Hawkeswood 2007h: 2.

Host plant: adults on flowers of *Hibiscus rhodopetalus* [Malvaceae].

Neospades lateralis Blackburn 1888: 860; Bellamy 2002: 389.

Biology/Ecology: Hawkeswood 1990b: 27; Bellamy 2002: 390; Hawkeswood 2007h: 2.

Host plant: adults on leaves of *Acacia aulacocarpa* [Fabaceae].

Neospades simplex Blackburn 1888: 861; Bellamy 2002: 390.

Biology/Ecology: Brooks 1948a: 28; Hawkeswood 1990b: 27; Bellamy 2002: 390; Hawkeswood 2007h: 2.

Host plants: adults on flowers of *Jacksonia thesioides* [Fabaceae], *Corymbia polycarpa* and *Eucalyptus drepanophylla* [Myrtaceae].

Neospades viridis (Kerremans 1898: 163, *Cisseis*); Bellamy 2002: 391.

Biology/Ecology: Brooks 1948a: 28; Bellamy 2002: 391; Hawkeswood 2007h: 3.

Host plant: adults on foliage of *Tephrosia astragaloides* Benth. [Fabaceae].

Genus *Hypocisseis* Thomson 1879

Hypocisseis latipennis (Macleay 1872: 247, *Ethon*); Bellamy 2002: 386.

Biology/Ecology: Tillyard 1926: 217; Brooks 1948a: 29; Bellamy 2002: 386; Hawkeswood 2006j: 5.
Host plant: adults on foliage of *Alphitonia excelsa* [Rhamnaceae].

Hypocisseis ornata Carter 1923a: 175; Bellamy 2002: 386.

Biology/Ecology: Armstrong 1947: 298; Hawkeswood 2006j: 5.
Host plant: adults on *Amyema* spp. [Loranthaceae].

Hypocisseis pilosicollis (Blackburn 1891b: 301, *Coraebus*); Bellamy 2002: 387.

Biology/Ecology: Hawkeswood 1987c: 64, plate 89; 2006j: 5.
Host plant: adults on leaves of *Maytenus silvestris* [Celastraceae].

Hypocisseis suturalis (Saunders 1868a: 60, *Cisseis*); Bellamy 2002: 387.

Biology/Ecology: Tepper 1887: 20; Carter 1928a: 271; Turner 2001d: 73; Hawkeswood 2006j: 5; Turner 2001d: 73; Bellamy 2002: 387.

Host plants: larvae in *Exocarpos cupressiformis* [Santalaceae]; adults on foliage of *Casuarina* spp. [Casuarinaceae], *Leptospermum flavescens* [Myrtaceae] and *Hakea* spp. [Proteaceae].

Genus *Stanwatkinsius* Barker and Bellamy 2001

Stanwatkinsius amanda Barker 2007b: 295.

Biology/Ecology: Barker 2007b: 295.
Host plant: adults on foliage of *Grevillea juncifolia* [Proteaceae].

Stanwatkinsius careniceps (Carter 1923a: 171, *Cisseis*); Bellamy 2002: 392.

Biology/Ecology: Carter 1933b: 232; Barker and Bellamy 2001: 4; Bellamy 2002: 392.
Host plant: adults on foliage of *Allocasuarina campestris* [Casuarinaceae].

Stanwatkinsius cinctus (Kerremans 1898: 166, *Cisseis*); Bellamy 2002: 392.

Biology/Ecology: Barker and Bellamy 2001: 6; Bellamy 2002: 392.
Host plant: adults on foliage of *Hakea* spp. [Proteaceae].

Stanwatkinsius constrictus (Blackburn 1887: 254, *Cisseis*); Bellamy 2002: 392.

Biology/Ecology: Barker and Bellamy 2001: 6; Bellamy 2002: 392.
Host plants: adults on foliage of *Allocasuarina humilis* and *Allocasuarina* sp. [Casuarinaceae], *Grevillea* sp., *Hakea trifurcata*, prickly *Hakea* sp. and *Haeka* sp. [Proteaceae].

Stanwatkinsius crassus Barker and Bellamy 2001: 7; Bellamy 2002: 392.

Biology/Ecology: Barker and Bellamy 2001: 7; Bellamy 2002: 392.
Host plant: adults on flowers of *Grevillea* sp. [Proteaceae].

Stanwatkinsius demarzi Barker and Bellamy 2001: 7; Bellamy 2002: 393.

Biology/Ecology: Barker and Bellamy 2001: 8; Bellamy 2002: 393.
Host plant: distributed in *Banksia menziesii* woodland on WA coastal plain.

Stanwatkinsius grevilleae Barker and Bellamy 2001: 8; Bellamy 2002: 393.

Biology/Ecology: Barker and Bellamy 2001: 8; Bellamy 2002: 393.
Host plants: adults on foliage of *Allocasuarina campestris* and *Allocasuarina* sp. [Casuarinaceae], *Grevillea* sp. and *Haeka* sp. [Proteaceae].

Stanwatkinsius kermeti Barker and Bellamy 2001: 9; Bellamy 2002: 393.

Biology/Ecology: Barker and Bellamy 2001: 9.

Host plant: adults on foliage of *Casuarina cunninghamiana* [Casuarinaceae].

Stanwatkinsius perplexus (Blackburn 1891b: 300, *Cisseis*); Bellamy 2002: 393.

Biology/Ecology: Barker and Bellamy 2001: 4; Bellamy 2002: 393.

Host plants: adults on foliage of *Allocasuarina helmsii* and *Allocasuarina* sp. [Casuarinaceae].

Stanwatkinsius subcarinifrons (Thomson 1879a: 53, *Cisseis*); Bellamy 2002: 394.

Biology/Ecology: Barker and Bellamy 2001: 12; Bellamy 2002: 394.

Host plant: adults on foliage of *Allocasuarina* spp. [Casuarinaceae].

Stanwatkinsius uniformis (Thomson 1879a: 53, *Cisseis*); Bellamy 2002: 394.

Biology/Ecology: Barker and Bellamy 2001: 12; Bellamy 2002: 395.

Host plant: adults on foliage of *Allocasuarina verticillata* [Casuarinaceae].

Genus *Aaaba* Bellamy 2002

Aaaba fossicollis (Kerremans 1903a: 229, *Cisseis*); Bellamy 2002: 405.

Biology/Ecology: Bruzese 1980: 3; Williams 1993: 37; Bellamy 2002: 405.

Host plants: adults on leaves and canes of *Rubus parvifolius* and *R. hillii* [Rosaceae].

Aaaba nodosus (Kerremans 1898: 175, *Alcinous*); Bellamy 2002: 406.

Biology/Ecology: Hawkeswood 1987c: 60, plate 81; Burns and Burns 1988: 27; Williams 1993: 37; Bellamy 2002: 406.

Host plants: larvae in and adults on leaves of *Rubus parvifolius* and *Rubus* spp. [Rosaceae]; adults feeding on leaves of *R. hillii* and *R. moorei*.

Subtribe *Synechocera* Majer 2001

Genus *Synechocera* Deyrolle 1864

General Host Associations: Matthews 1985: 5.

Synechocera brooksi Bellamy 1987: 28; 2002: 401.

Biology/Ecology: Bellamy 1987: 29.

Host plant: adults on *Xanthorrhoea minor* [Xanthorrhoeaceae].

Synechocera cyaneipennis Carter 1924a: 30; Bellamy 2002: 401.

Biology/Ecology: Carter 1924: 30; Bellamy 1987: 26.

Host plant: adults on unspecified shrub.

Synechocera deplana (Fabricius 1801: 212, *Buprestis*); Bellamy 2002: 402.

Immature stages: Bellamy 1987: 25 (as *tasmanica*).

Biology/Ecology: Bellamy 1987: 25, 31 (as *tasmanica*); Cowie 2001: 32 (as *tasmanica*); Bellamy 2002: 402.

Host plants: larvae in *Gahnia* spp. [Cyperaceae]; adults on foliage of *Gahnia sieberiana*, *Acacia longifolia* [Fabaceae] and *Leptospermum* sp. [Myrtaceae].

Synechocera parvipennis Bellamy 1987: 29; 2002: 403.

Biology/Ecology: Bellamy 1987: 30; 2002: 402.

Host plant: adults on *Xanthorrhoea* sp. [Xanthorrhoeaceae].

Synechocera queenslandica Bellamy 1987: 31; 2002: 403.

Biology/Ecology: Bellamy 1987: 31; 2002: 402.

Host plant: adults on *Xanthorrhoea minor* [Xanthorrhoeaceae].

Genera *Incertae sedis*

Genus *Paracephala* Saunders 1868

General Host Associations: Matthews 1985: 5.

Paracephala borea Bellamy 1988: 426; 2002: 411.

Biology/Ecology: Bellamy 1988: 426; 2002: 412; Hawkeswood 2006h: 1.

Host plant: adults on flowers of *Stipa* sp. [Poaceae].

Paracephala deserta Bellamy 1988: 423; 2002: 412.

Biology/Ecology: Bellamy 1988: 425; 2002: 412; Hawkeswood 2006h: 1.

Host plant: adults on grass flowers [Poaceae].

Paracephala murina Thomson 1878: 91; Bellamy 2002: 412.

Biology/Ecology: Brooks 1969: 5 (as *aenea*); Williams and Williams 1983: 86; Bellamy 1988: 431; 2002: 412; Hawkeswood 2006h: 2.

Host plants: adults on foliage of *Allocasuarina distyla* [Casuarinaceae] and flowers of *Chrysopogon fallax* [Poaceae].

Paracephala pistacina (Hope 1846a: 64, *Agrilus*); Bellamy 2002: 413.

Biology/Ecology: Goudie 1920: 34; Bellamy 1988: 423; Hawkeswood 2006h: 2.

Host plant: adults on corkscrew grass, *Stipa setacea* R. Br. [Poaceae].

Genus *Meliboethon* Obenberger 1920

Meliboethon intermedius (Kerremans 1898: 177, *Paracephala*); Bellamy 2002: 410.

Biology/Ecology: Bellamy 1988: 435; Hawkeswood 2006i: 3; Bellamy 2002: 410.

Host plants: adults feeding on stems of *Juncus* sp. [Juncaceae] especially where these are associated with *Casuarina glauca* [Casuarinaceae].

Meliboethon sp. 1

Biology/Ecology: Turner and Hawkeswood 1996b: 82 (as *Meliboethon* sp.); Hawkeswood 2006i: 4.

Host plant: from swellings on the lower part of the stems of *Oxylobium aciculiferum* [Fabaceae].

Genus *Dinocephalia* Obenberger 1923

Dinocephalia burnsi Bellamy 1988: 449; 2002: 407.

Biology/Ecology: Bellamy 1988: 449; 2002: 407.

Host plant: adults on foliage of *Casuarina* spp. [Casuarinaceae].

Dinocephalia cyaneipennis (Blackburn 1893: 130, *Paracephala*); Bellamy 2002: 407.

Immature stages: Froggatt 1894: 122.

Biology/Ecology: Froggatt 1894: 122; 1907: 165; 1923: 148; McKeown 1942: 134; Hadlington 1951: 9; Hawkeswood 1978: 260; Williams and Williams 1983: 86; Bellamy 1988: 443; Turner and Hawkeswood 1994d: 87. Cowie 2001: 32; Bellamy 2002: 407.

Host plants: larvae in galls of *Allocasuarina distyla*; adults on *A. littoralis*, *A. torulosa*, *Casuarina cunninghamiana* [Casuarinaceae], *Dillwynia* spp. and other bush peas [Fabaceae], *Leptospermum flavescens* and *L. polygalifolium* [Myrtaceae].

Dinocephalia thoracica (Kerremans 1900: 343, *Paracephala*); Bellamy 2002: 408.

Biology/Ecology: Bellamy 1988: 443; 2002: 408.

Host plants: adults on foliage of *Allocasuarina distyla* [Casuarinaceae] and on flower of *Bursaria* sp. [Pittosporaceae].

Tribe Agrilini Laporte 1835

Genus *Agrilus* Curtis 1825

General Host Associations: Matthews 1985: 5.

Agrilus assimilis subspecies *assimilis* Hope 1846b: 217; Bellamy 2002: 345.

Biology/Ecology: Curletti 2001: 10; Bellamy 2002: 345.

Host plants: adults on foliage of *Acacia ligulata*, *A. pycnantha* [Fabaceae] and *Eucalyptus fasciculosa* [Myrtaceae].

Agrilus aurovittatus Hope 1846a: 64; Bellamy 2002: 346.

Biology/Ecology: Curletti 2001: 20.

Host plants: adults on *Allocasuarina huegeliana* and *A. torulosa* [Casuarinaceae].

Agrilus australasiae Gory and Laporte 1837: 21; Bellamy 2002: 346.

Immature stages: Volkovitsh and Hawkeswood 1990: 44.

Biology/Ecology: Tepper 1887: 20; Froggatt 1902: 702; Gurney 1911: 58; Goudie 1920: 34; Froggatt 1923: 106; 1927a: 14; Brooks 1965: 30; Hawkeswood 1981a: 146; van den Berg 1982: 51; Williams and Williams 1983: 84; Hawkeswood 1987c: 60, plate 80; 1992b: 81; Webb 1993: 160; Turner and Hawkeswood 1996c: 95; 1997d: 313; Webb 1997: 61; Turner 2001c: 68; Curletti 2001: 16; Bellamy 2002: 347; Hangay and Zborowski 2010: 109 (*australasiae* or *hypoleucus*).

Host plants: larvae in *Acacia chalkerii*, *A. pycnantha*, *A. spectabilis*; adults on foliage of *A. dealbata*, *A. decurrens*, *A. parramattensis*, *A. pycnantha*, *A. sophorae*, *Acacia* sp. [Fabaceae], *Allocasuarina littoralis* and *Casuarina suberosa* [Casuarinaceae].

Agrilus brevis Carter 1924a: 29; Bellamy 2002: 347.

Biology/Ecology: Curletti 2001: 31; Bellamy 2002: 347.

Host plant: larvae in *Allocasuarina huegeliana* [Casuarinaceae].

Agrilus carterellus Obenberger 1959: 237; Bellamy 2002: 348.

Host plants: **New Host Record**: adults emerged ex. *Claoxylon australe* [Euphorbiaceae] (NSW117).

Agrilus deauratus Macleay 1872: 249; Bellamy 2002: 348.

Biology/Ecology: Williams 1985: 41; Webb 1993: 160; 1997: 61; Bellamy 2002: 348; Hawkeswood 2002b: 41.

Host plants: larvae in *Drypetes deplanchei* [Euphorbiaceae], *Acacia longifolia*, *Acacia* sp. [Fabaceae] and *Eucalyptus paniculata* [Myrtaceae].

Agrilus decupratus Curletti 2001: 34; Bellamy 2002: 349.

Biology/Ecology: Curletti 2001: 34; Bellamy 2002: 347.

Host plant: adults on *Acacia binervata* [Fabaceae]. **New Host Record**: adults emerged ex. *Heritiera actinophylla* [Sterculiaceae] (NSW114).

Agrilus echidna Curletti 2001: 15; Bellamy 2002: 349.

Biology/Ecology: Curletti 2001: 16; Bellamy 2002: 349.

Host plants: larvae in *Allocasuarina campestris* [Casuarinaceae], *Leptospermum* sp. [Myrtaceae]; adults on *Allocasuarina huegeliana* and *Acacia acuminata* [Fabaceae].

Agrilus frenchi Blackburn 1891b: 302; Bellamy 2002: 349.

Host plants: **New Host Records**: adults emerged ex. *Drypetes deplanchei* [Euphorbiaceae] (NSW117) and *Heritiera actinophylla* [Sterculiaceae] (NSW111).

- Agrilus funebris*** subspecies ***funebris*** Deyrolle 1864: 188; Curletti 2003: 145.
 Biology/Ecology: Curletti 2006: 183.
 Host plants: adults found during canopy fogging of *Castanopsis acuminatissima* and *Lithocarpus* sp. [Fagaceae].
 Host plants: **New Host Records:** adults on foliage of *Acacia melanoxylon* [Fabaceae] (NQLD6).
- Agrilus hyperici*** (Creutzer 1799: 122, *Buprestis*). (introduced for biological control)
 Immature stages: Perris 1875: 406; 1877: 148; Alexeev 1964: 24; 1981: 75.
 Biology/Ecology: Curletti 2001: 31; Bellamy 2002: 350; Bílý 2003: 19.
 Host plants: larvae in *Hypericum perforatum* # and *H. tetrapterum* # [Clusiaceae].
- Agrilus hypoleucus*** Gory and Laporte 1837: 37; Bellamy 2002: 350.
 Immature stages: Turner 2001a: 67, 75; Cowie 2001: 37.
 Biology/Ecology: Turner 2001b: 63; Cowie 2001: 37; Curletti 2001: 9; Bellamy 2002: 350; Hangay and Zborowski 2010: 109 (*australasiae* or *hypoleucus*).
 Host plants: larvae in *Acacia longifolia*; adults on *Allocasuarina muelleriana*, *Casuarina cunninghamiana* [Casuarinaceae], *Acacia dealbata*, *A. decurrens*, *A. mearnsii*, *A. parramattensis*, *A. pycnantha*, *A. sophorae*, *A. spectabilis*, *Acacia* 'stem', *Acacia* sp./spp. [Fabaceae] and *Leptospermum* sp. [Myrtaceae].
- Agrilus indignus*** Fairmaire 1849: 353; Bellamy 2002: 351.
 Biology/Ecology: Curletti 2001: 29; Bellamy 2002: 351.
 Host plant: larvae in *Hibiscus tiliaceus* # [Malvaceae].
- Agrilus kangaroo*** Curletti 2001: 19; Bellamy 2002: 351.
 Biology/Ecology: Curletti 2001: 20.
 Host plant: larvae in *Acacia oswaldii* [Fabaceae].
- Agrilus koala*** Curletti 2001: 17; Bellamy 2002: 351.
 Biology/Ecology: Curletti 2001: 18; Bellamy 2002: 351.
 Host plants: larvae in *Acacia* sp.; adults on *A. acuminata* ssp. *burkittii* and *Acacia* leaves [Fabaceae].
- Agrilus mastersii*** Macleay 1872: 249; Bellamy 2002: 352.
 Biology/Ecology: Curletti 2001: 12; Bellamy 2002: 352.
 Host plants: larvae in *Acacia leiocalyx*; adults on *Acacia harpophylla* [Fabaceae].
- Agrilus occipitalis*** subspecies ***occipitalis*** (Eschscholtz 1822: 79, *Buprestis*).
 Biology/Ecology: Macabasco 1967: 133; Anonymous 1969: 60; Anonymous 1971: 189; Baltazar and Salazar 1979: 77; Hawkeswood and Turner 1994b: 14; Curletti 2001: 21; Bellamy 2002: 352; Curletti 2006: 174.
 Host plants: larvae in and adults on *Citrus aurantiaca*, *C. maxima*, *C. sinensis* and *Citrus* spp. [Rutaceae].
- Agrilus sundholmi*** Curletti 2009: 66.
 Biology/Ecology: Curletti 2009: 67.
 Host plants: adults on *Acacia calamifolia* and *Acacia* sp. [Fabaceae].
- Agrilus thylacinus*** Curletti 2001: 37; Bellamy 2002: 355.
 Biology/Ecology: Curletti 2001: 38; Bellamy 2002: 355.
 Host plant: larvae in *Casuarina* sp. [Casuarinaceae].
- Agrilus walesicus*** Obenberger 1923b: 81; Bellamy 2002: 354.
 Host plants: **New Host Records:** adults emerged ex. vine scrub (NSW56).

Agrilus wallaby Curletti 2001: 11; Bellamy 2002: 354.
 Biology/Ecology: Curletti 2001: 12; Bellamy 2002: 354.
 Host plant: adults on *Acacia* sp. [Fabaceae].

Subtribe *Germaricina* Cobos 1979

Genus *Germarica* Blackburn 1887

General Host Associations: Matthews 1985: 5.

Germarica lilliputana (Thomson 1879a: 75, *Aphanisticus*); Bellamy 2002: 361.

Biology/Ecology: Goudie 1920: 34; Brooks 1965: 30; Hawkeswood 1978: 260; Williams and Williams 1983: 86; Cowie 2001: 37; Bellamy 2002: 361.

Host plants: adults on foliage of *Allocasuarina distyla*, *A. littoralis*, *A. nana*, *A. verticillata* and *Casuarina suberosa* [Casuarinaceae].

Tribe Tracheini Laporte 1835

Subtribe *Tracheina* Laporte 1835

Genus *Habroloma* C. G. Thomson 1864

Habroloma australis (Macleay 1888: 1233, *Trachys*); Bellamy 2002: 415.

Biology/Ecology: Hawkeswood 1990b: 27; Bellamy 2002: 413; Hawkeswood 2007a: 1.

Host plant: adults on leaves of *Cantharospermum reticulatum* [Fabaceae].

Habroloma socialis (Lea 1894: 592, *Trachys*); Bellamy 2002: 416.

Biology/Ecology: Hawkeswood 2007a: 1.

Host plant: larvae in and adults feeding on leaves of *Kennedia rubicunda* [Fabaceae].

Habroloma sp. 1

Biology/Ecology: Hangay and Zborowski 2010: 109 (as *Habroloma*).

Alphabetical Host Index

Those with the asterisk (*) are new host records. Plant taxa marked with the # have published host records for jewel beetles occurring in Australia, but are not known to be native or present in the modern Australian flora. The plant family is given in [square brackets] at the first listing of each genus.

Abies alba # [Pinaceae] - *Buprestis novemmaculata*

Abies concolor # - *Buprestis aurulenta*

Abies grandis # - *Buprestis aurulenta*

Acacia acuminata [Fabaceae] - *Agrilus echidna*

Acacia acuminata ssp. ***burkittii*** (= *Acacia burkittii*) - *Agrilus koala*

Acacia aneura - *Diadoxus erythrurus*

Acacia aulacocarpa - *Diphucrania fulgidicollis*, *Neospades lateralis*

Acacia bidwillii - *Chrysobothris queenslandica*, *Chrysobothris* sp. 2*, *Cyphogastra pistor* ssp. *pistor**,
Melobasis pusilla

Acacia binervata - *Agrilus decupratus*

Acacia blakelyi - *Diphucrania cyanea*

Acacia browni - *Castiarina rufipennis*

Acacia burkittii [see ***Acacia acuminata*** ssp. ***burkittii***]

Acacia calamifolia - *Agrilus sundholmi*, *Julodimorpha bakewellii*, *Melobasis nervosa*

Acacia chalkeri - *Agrilus australasiae*, *Melobasis vittata*

Acacia cincinnata - *Diphucrania albosparsa*, *Melobasis apicalis*, *M. purpurascens*

Acacia concurrens - *Melobasis purpurascens*

- Acacia coolgardiensis** - *Astraeus major*
Acacia cyclops - *Castiarina rufipennis*, *Melobasis vittata*
Acacia cyperophylla - *Pseudotaenia spilota*
Acacia dealbata - *Agrilus australasiae*, *A. hypoleucus*, *Diphucrania pauperula*, *D. tasmanica*,
Diphucrania sp. 3, *Melobasis fulgurans*, *M. innocua*, *M. nervosa*, *M. purpurascens*, *Melobasis* sp. 1,
Melobasis sp. 11
Acacia decurrens - *Agrilus australasiae*, *A. hypoleucus*, *Castiarina violacea**, *Diphucrania cupripennis*,
D. heroni, *D. leucosticta*, *D. marmorata*, *D. scabrosula*, *Diphucrania* sp. 1, *Diphucrania* sp. 10,
Diphucrania sp. 14
Acacia doratoxylon - *Diadoxus erythrurus*, *Pseudotaenia waterhousei*
Acacia falcata - *Diphucrania heroni*, *D. notulata*, *Diphucrania* sp. 9
Acacia filicifolia - *Diphucrania leucosticta*
Acacia floribunda - *Melobasis scabrosula*
Acacia grasbyi - *Pseudotaenia spilota*
Acacia harpophylla - *Agrilus mastersii*, *Diphucrania ernestadamsi*, *Melobasis kanguluorum*, *M. pusilla*,
Pseudotaenia ajax
Acacia holosericea - *Diphucrania albosparsa*, *D. regalis*, *Pachycisseis bicolor**
Acacia ingramii - *Melobasis purpurascens*
Acacia irrorata - *Melobasis purpurascens*
Acacia juniperina [see **Acacia ulicifolia**]
Acacia lasiocalyx - *Pseudotaenia gigas*
Acacia leiocalyx - *Agrilus mastersi*, *Chrysobothris saundersii*, *Diphucrania cupripennis*, *D. laticollis*,
Melobasis vertebralis, *Pseudotaenia waterhousei*
Acacia leptostachya - *Diphucrania fulgidicollis*
Acacia ligulata - *Agrilus assimilis* ssp. *assimilis*
Acacia linifolia - *Castiarina spilota*, *Diphucrania notulata*, *D. trimentula*, *Melobasis obscurella*
Acacia longiflora sic [see **Acacia longifolia**]
Acacia longifolia (= *Acacia longiflora* sic = *Racosperma longifolium* - *Agrilus deauratus*, *A. hypoleucus*,
Diphucrania acuducta, *D. aenea*, *D. aurocyanea*, *D. cupreola*, *D. cupripennis* (or *scabrosula*?), *D.*
leucosticta, *D. maculata*, *D. scabrosula*, *D. trimentula*, *Diphucrania* sp. 2, *Diphucrania* sp. 6,
Diphucrania sp. 9, *Diphucrania* sp. 11, *Melobasis cupriceps*, *M. naias*, *M. obscurella*, *M. purpurascens*,
M. splendida, *Melobasis* sp. 2, *Melobasis* sp. 3, *Melobasis* sp. 4, *Melobasis* sp. 12, *Nascioides carissima*,
Synechocera deplana
Acacia mangium - *Diphucrania fulgidicollis*, *D. regalis*
Acacia mearnsii - *Agrilus hypoleucus*, *Diphucrania* sp. 2, *Melobasis rotundicollis*
Acacia melanoxylon - *Agrilus funebris**, *Austrochalcophora subfasciata**, *Castiarina bremeri**,
*Diphucrania suehasenpuschae**, *Diphucrania* sp. 2, *Melobasis purpurascens*, *Nascioides quadrinotata*
Acacia mucronata - *Melobasis naias*, *M. nervosa*, *Melobasis obscurella*, *M. purpurascens*, *Melobasis*
sp. 1
Acacia obtusifolia - *Diphucrania acuducta*, *D. cupripennis*, *D. leucosticta*, *D. scabrosula*, *Melobasis*
fulgurans
Acacia oldfieldii - *Melobasis hanloni*, *M. similis*
Acacia oswaldii - *Agrilus kangaroo*
Acacia papyrophylla (nom. nud.?) [possibly *Acacia papyrocarpa*] - *Castiarina eyrensis*
Acacia parramattensis - *Agrilus australasiae*, *A. hypoleucus*, *Diphucrania marmorata*, *Diphucrania*
sp. 8, *Diphucrania* sp. 10
Acacia pendula - *Diphucrania armstrongi*, *Melobasis myallae*
Acacia peuce - *Chrysobothris subsimilis*
Acacia pycnantha - *Agrilus assimilis* ssp. *assimilis*, *A. australasiae*, *A. hypoleucus*, *Diphucrania*
cupripennis, *D. leucosticta*
Acacia ramulosa - *Melobasis flavoaenea*
Acacia retinodes - *Diphucrania chalcophora*
Acacia rostelifera - *Melobasis inflammata*
Acacia saligna - *Melobasis lathami*

- Acacia sclerosperma** - *Astraeus acaciae*
Acacia shirleyi - *Pseudotaenia waterhousei*
Acacia sieberiana [see **Acacia hamiltoniana**]
Acacia sophorae - *Agrilus australasiae*, *A. hypoleucus*, *Diphucrania aenea*, *D. scabrosula*, *Melobasis nervosa*, *M. purpurascens*, *Melobasis* sp. 10
Acacia spectabilis - *Agrilus australasiae*, *A. hypoleucus*, *Melobasis abigailae*
Acacia spilleriana - *Pachycisseis bicolor*
Acacia 'stem' - *Agrilus hypoleucus*
Acacia terminalis - *Melobasis purpurascens*
Acacia trachyphloia - *Astraeus crassus*
Acacia ulicifolia (= *Acacia juniperina*) - *Castiarina rufipennis*
Acacia sp./spp. - *Agrilus australasiae*, *A. deauratus*, *A. koala*, *A. wallaby*, *Astraeus acaciae*, *Castiarina verdiceps*, *C. violacea**, *Chrysobothris subsimilis**, *Diphucrania aenea*, *D. augustgoerlingi*, *D. cupreata*, *D. cupreicollis*, *D. fritilla*, *D. furfurosa*, *D. goldingi*, *D. leucosticta*, *D. montana*, *D. pulleni*, *D. nubeculosa*, *D. rubriceps*, *D. scabrosula*, *D. watkinsi*, *Diphucrania* sp. 14, *Melobasis amoena*, *M. brevis*, *M. brittoni*, *M. burnsi*, *M. cuprifera*, *M. formosa*, *M. gloriosa* ssp. *gloriosa*, *M. goerlingi*, *M. hanloni*, *M. jacquelineae*, *M. janae*, *M. knowlesi*, *M. meyricki*, *M. nitidiventris*, *M. nudipectus*, *M. picticollis*, *M. powelli*, *M. propinqua* ssp. *verna*, *M. purpurilata*, *M. septemplagiata*, *M. similis*, *Nascioides carissima*, *N. costata*, *N. multesima*, *Neobubastes nickerli*, *Pseudotaenia waterhousei*, *Selagis caloptera**
- Acer** sp./spp. [Sapindaceae] - *Prospheres aurantiopicta*
Acmena smithii [see **Syzygium smithii**]
Acmena sp. [see **Syzygium** sp.]
Acronychia imperforata [Rutaceae] - *Castiarina acuminata**
Acronychia sp. - *Maoraxia auroimpressa*
Actinotus helianthi [Apiaceae] - *Neocuris gracilis*, *N. guerini**
Adenanthos sp./spp. [Proteaceae] - *Melobasis gloriosa* ssp. *gloriosa*
Aegiceras corniculatum [Myrsinaceae] - *Melobasis purpurascens*
Agonis flexuosa [Myrtaceae] - *Stigmodera cancellata*, *S. gratiosa*, *S. roei*
Agonis sp./spp. - *Stigmodera cancellata*, *S. gratiosa*
Alectryon coriaceus [Sapindaceae] - *Maoraxia auroimpressa**
Aleurites moluccana [Euphorbiaceae] - *Cyphogastra farinosa* ssp. *venerea**
Allocasuarina acutivalvis (= *Casuarina acutivalvis*) [Casuarinaceae] - *Astraeus goerlingi*, *Temognatha chalcodera*
Allocasuarina acutivalvis ssp. **prinsepiana** (?= *Casuarina prinsepiana* = *C. principiana* nom. nud.?) - *Astraeus goerlingi*
Allocasuarina campestris (= *Casuarina campestris*) - *Agrilus echidna*, *Astraeus aberrans*, *A. goldingi*, *A. lineatus*, *A. minutus*, *A. obscurus*, *A. polli*, *A. tamminensis*, *Diadoxus eyrthrurus*, *D. regius*, *Diphucrania rubricata*, *Stanwatkinsius careniceps*, *S. grevilleae*
Allocasuarina corniculata (= *Casuarina corniculata*) - *Astraeus aberrans*, *A. dedariensis*, *Temognatha martini*
Allocasuarina dielsiana (= *Casuarina dielsiana*) - *Astraeus carteri*, *A. obscurus*, *A. occidentalis*, *A. robustus*
Allocasuarina distyla (= *Casuarina distyla*) - *Dinocephalia cyaneipennis*, *D. thoracica*, *Diphucrania duodecimmaculata*, *Germanica lilliputana*, *Paracephala murina*
Allocasuarina fraseriana (= *Casuarina fraseriana*) - *Selagis intercribrata*
Allocasuarina helmsii (= *Casuarina helmsii*) - *Astraeus obscurus*, *Stanwatkinsius perplexus*
Allocasuarina huegeliana (= *Casuarina huegeliana*) - *Agrilus aurovittatus*, *A. brevis*, *A. echidna*, *Astraeus bakeri*, *A. carnabyi*, *A. elongatus*, *A. fraseriensis*, *A. irregularis*, *A. macmillani*, *A. minutus*, *A. oberthuri*, *A. obscurus*, *A. watsoni*
Allocasuarina humilis (= *Casuarina humilis*) - *Astraeus fraseriensis*, *A. globosus*, *A. obscurus*, *Stanwatkinsius constrictus*
Allocasuarina inophloia (= *Casuarina inophloia*) - *Astraeus blackdownensis*, *A. irregularis*

- Allocasuarina littoralis*** (= *Casuarina littoralis* Salisb.) - *Agrilus australasiae*, *Anilara sulcicollis*, *A. sulcipennis*, *Astraeus crassus*, *A. dilutipes*, *A. pygmaeus*, *A. samouelli*, *A. smythi*, *Dinocephalia cyaneipennis*, *Germanica lilliputana*, *Melobasis* sp. 9, *Selagis caloptera*, *Temognatha suturalis*
- Allocasuarina luehmannii*** (= *Casuarina luehmannii* = *Casuarina luehmanniana*) - *Astraeus crassus*, *A. irregularis*
- Allocasuarina muelleriana*** (= *Casuarina muelleriana*) - *Agrilus hypoleucus*
- Allocasuarina nana*** (= *Casuarina nana*) - *Astraeus crassus*, *A. intricatus*, *A. jansonii*, *Germanica lilliputana*
- Allocasuarina torulosa*** (= *Casuarina torulosa*) - *Agrilus aurovittatus*, *Astraeus crassus*, *Dinocephalia cyaneipennis*, *Germanica lilliputana*, *Temognatha suturalis*
- Allocasuarina verticillata*** (= *Casuarina quadrivalvis* = *Casuarina stricta*) - *Astraeus mayoi*, *A. pygmaeus*, *A. samouelli*, *Chrysobothris saundersii*, *Diphucrania scabiosa*, *Germanica lilliputana*, *Stanwatkinsius uniformis*, *Temognatha fornumii*, *T. suturalis*
- Allocasuarina*** sp./spp. - *Astraeus bakeri*, *A. dilutipes*, *A. globosus*, *A. irregularis*, *A. macmillani*, *A. multinotatus*, *A. oberthuri*, *A. pygmaeus*, *Melobasis costata*, *Stanwatkinsius constrictus*, *S. grevilleae*, *S. perplexus*, *A. subcarinifrons*
- Alphitonia excelsa*** [Rhamnaceae] - *Austrophorella quadrisignata*, *Castiarina acuminata**, *C. neglecta**, *C. oblita**, *C. producta**, *C. undulata**, *Hypocisseis latipennis*, *Melobasis curta*, *Torresita cuprifera**
- Alphitonia petriei*** - *Austrophorella quadrisignata*, *Cyphogastra pistora* ssp. *vulnerata**, *Melobasis kaszabi**
- Amyema*** sp./ssp. (= *Loranthus*) [Loranthaceae] - *Hypocisseis ornata*
- Angophora bakeri*** [Myrtaceae] - *Castiarina bifasciata*, *C. crenata*, *C. cruenta*, *C. kerremansi*, *C. kirbyi*, *C. scalaris*, *C. vigilans*, *Stigmodera macularia*, *Temognatha variabilis*
- Angophora cordifolia* Cav. [see ***Angophora hispida***]
- Angophora costata*** - *Temognatha obesissima* ssp. *macqueeni*
- Angophora floribunda*** - *Castiarina andersoni*, *C. brutella*, *C. kerremansi*, *C. rectifasciata*, *C. undulata*, *Selagis aurifera*, *S. caloptera*, *Temognatha thoracica*, *T. variabilis*
- Angophora hispida*** (= *Angophora cordifolia*) - *Castiarina amplipennis*, *C. andersoni*, *C. armata*, *C. australasiae*, *C. bella*, *C. bifasciata*, *C. brutella*, *C. burchellii*, *C. costata*, *C. crenata*, *C. cruenta*, *C. cruentata*, *C. erythroptera*, *C. indistincta*, *C. kerremansi*, *C. kirbyi*, *C. klugii*, *C. luteipennis*, *C. moribunda*, *C. octomaculata*, *C. octospilota*, *C. parallela*, *C. piliventris*, *C. producta*, *C. rufipennis*, *C. scalaris*, *C. semicincta*, *C. sexguttata*, *C. sexplagiata*, *C. spilota*, *C. spinolae*, *C. subpura*, *C. terminalis*, *C. tricolor*, *C. undulata*, *C. vicina*, *Cyrioides imperialis*, *Diphucrania duodecimmaculata*, *D. notulata*, *Merimna atrata*, *Selagis aurifera*, *S. caloptera*, *Stigmodera jacquinotii*, *S. macularia*, *Temognatha affinis* ssp. *affinis*, *T. grandis*, *T. limbata*, *T. suturalis*, *T. variabilis*, *Torresita cuprifera*
- Angophora woodsiana*** - *Castiarina guttaticollis*, *C. insignis*, *C. mustelamajor*, *Neocuris gracilis*
- Angophora*** sp./spp. - *Castiarina mustelamajor*, *C. producta*, *C. sexplagiata*, *C. tricolor*, *Diphucrania leucosticta**, *Nascio carissimus*
- Aotus ericoides*** [Fabaceae] - *Melobasis propinqua* ssp. *verna*
- Aphananthe philippinensis*** [Cannabaceae] - *Castiarina venusta*, *Metaxymorpha gloriosa*
- Araucaria cunninghamii*** [Araucariaceae] - *Araucariana queenslandica*, *Prospheres alternecostata*, *P. aurantiopicta*
- Atylosia reticulata* [see ***Cantharospermum reticulatum***]
- Backhousia myrtifolia*** [Myrtaceae] - *Chrysobothris simplicifrons**, *Nascioides pulcher*, *Neocuris gracilis*, *Neocuris* sp. 3
- Backhousia sciadophora*** - *Nascioides pulcher*
- Baeckea behrii*** [Myrtaceae] - *Melobasis propinqua* ssp. *verna*
- Baeckea densifolia* [see ***Harmogia densifolia***]
- Baeckea frutescens*** - *Merimna atrata*
- Baeckea imbricata*** - *Diphucrania notulata*, *D. obscura*
- Baeckea stenophylla*** - *Castiarina affabilis*, *C. andersoni*, *C. octospilota*, *Neocuris gracilis*, *Stigmodera macularia*
- Baeckea virgata* [see ***Sannantha virgata***]

Baeckea sp./spp. - *Astraeus hanloni*, *Castiarina affabilis*, *C. allensundholmi*, *C. analis**, *C. ariel**, *C. australasiae**, *C. balteata**, *C. blackdownensis*, *C. brutella**, *C. castelnaudi*, *C. gibbicollis**, *C. gilberti*, *C. haswelli**, *C. humeralis**, *C. kanangra**, *C. leai*, *C. lukini*, *C. ochreiventris**, *C. parallelepennis**, *C. spinolae**, *C. straminea**, *C. subpura**, *C. variegata**, *Diphucrania roseocuprea**, *D. trimentula*, *Melobasis propinqua* ssp. *propinqua*, *Neocuris cuprilatera**, *Temognatha obesissima* ssp. *obesissima*, *T. variabilis**

Banksia attenuata [Proteaceae] - *Cyrioides vittigera**, *Diphucrania macmillani*

Banksia cirsioides (= *Dryandra cirsioides*) - *Astraeus meyricki*

Banksia ericifolia - *Cyrioides imperialis*

Banksia integrifolia - *Cyrioides imperialis*

Banksia marginata - *Cyrioides imperialis*, *Melobasis purpurascens*

Banksia prinotoes - *Astraeus prothoracicus*

Banksia serrata - *Cyrioides imperialis*

Banksia spinulosa - *Cyrioides imperialis*

Banksia sp./spp. - *Cyrioides australis*, *C. imperialis*, *C. vittigera*, *Diphucrania adusta*

Barklya sp./spp. [Fabaceae] - *Castiarina hilleri*

Barringtonia calytrata [Lecythidaceae] - *Cyphogastra pistora* ssp. *vulnerata**

Bauhinia monandra [Fabaceae] - *Calodema regalis*

Bossiaea eriocarpa [Fabaceae] - *Melobasis propinqua* ssp. *propinqua*

Bossiaea rhombifolia - *Diphucrania acuducta*, *Melobasis apicalis*

Bossiaea walkeri - *Melobasis specularis*

brigalow [see **Acacia harpophylla**]

Brombya platynema [see **Melicope platynema**]

Buckinghamia celcissima [Proteaceae] - *Calodema plebeia**, *C. regalis*, *Castiarina aglaia**, *C. erubescens**, *C. liliputana**, *C. rollei**, *Metaxymorpha gloriosa*, *M. hauseri**

Bursaria spinosa [Pittosporaceae] - *Astraeus crassus*, *Castiarina andersoni**, *C. athertonensis**, *C. australasiae*, *C. bifasciata*, *C. biguttata**, *C. bimaculata**, *C. carinata**, *C. costalis*, *C. cruenta*, *C. delectabilis*, *C. flavopicta*, *C. garnetensis**, *C. hilaris*, *C. inflata*, *C. indigesta**, *C. inermis**, *C. jucunda*, *C. lorae**, *C. melrosensis*, *C. mustelamajor**, *C. oblita*, *C. obsepta**, *C. ocelligera*, *C. phaeorrea**, *C. puella**, *C. quadriplagiata**, *C. rectifasciata*, *C. rufipennis*, *C. scalaris*, *C. thomsoni*, *C. tigris**, *C. virginea*, *C. viridiventris**, *C. walfordi**, *C. wilsoni*, *Neocuris gracilis*, *Selagis calopectera*, *S. splendens*, *Temognatha carpentariae**, *T. congener*, *T. duboulayi**, *T. gordonburnsi*, *T. macfarlani**, *T. mitchellii*, *T. nickerli**, *T. vitticollis**

Bursaria sp./spp. - *Castiarina andersoni**, *Dinocephalia thoracica*, *Diphucrania trimentula*

Calamphoreus inflatus (= *Eremophila inflata*) [Scrophulariaceae] - *Castiarina chinnocki*

Callistemon sieberi (= *Callistemon paludosus*) [Myrtaceae] - *Castiarina hilaris*, *C. parvula*, *C. sexguttata*

Callistemon sp./spp. - *Castiarina flavopicta*

Callitris columellaris (= *Callitris glauca* = *Callitris glaucophylla* = *Callitris heugelii*) [Cupressaceae]
- *Astraeus sundholmi*, *Diadoxus erythrurus*, *Theryaxia suttoni*

Callitris endlicheri - *Diadoxus erythrurus*

Callitris glauca [see **Callitris columellaris**]

Callitris glaucophylla (see **Callitris columellaris**)

Callitris heugelii [see **Callitris columellaris**]

Callitris macrocarpa (nom. nud.?)

Callitris preissii (= *Callitris preissii* ssp. *verrucosa*) - *Astraeus badeni*, *A. crockeriae*, *A. jansonii*

Callitris preissii ssp. *verrucosa* [see **Callitris verrucosa**]

Callitris rhomboidea - *Astraeus jansonii*

Callitris verrucosa - *Astraeus jansonii*, *Diadoxus erythrurus*

Callitris sp./spp. - *Astraeus sundholmi*, *Diadoxus erythrurus*, *D. juengi*, *Diphucrania furfurosa*

Calothamnus sp./spp. [Myrtaceae] - *Julodimorpha bakewellii*

Calycothrix tetragona [see **Calytrix tetragona**]

Calycothrix [see **Calytrix**]

Calytrix tetragona Labill. (= *Calycothrix tetragona*) [Myrtaceae] - *Castiarina parallela*

- Calytrix** sp./spp. (= *Calycothrix*) - *Castiarina adelaidae*, *C. burchellii*, *C. decemmaculata**, *C. grata*, *C. pallidiventris**, *C. subtrifasciata*, *C. vittata*, *C. xanthopilosa*
- Camptostemon schultzii** # [Bombacaceae] - *Strigoptera bimaculata*
- Cantharospermum reticulatum** (= *Atylosia reticulata*) [Fabaceae] - *Neospades chrysopygius*, *Trachys australis*
- Canthium odoratum* [see **Psydrax odorata**]
- Cardwellia sublimis** [Proteaceae] - *Castiarina aglaia**, *C. hasenpuschi**, *C. hawkeswoodi**, *C. hemizostera**, *C. jackhasenpuschi**, *C. lilliputana**, *C. luteofusca**, *C. octosignata**, *C. prolata**, *C. tenebrosa**, *C. venusta**
- Cassia eremophila** [Fabaceae] - *Melobasis sexplagiata*
- Cassinia aculeata** [Asteraceae] - *Castiarina skusei*, *C. wilsoni*
- Cassinia arcuata** - *Melobasis propinqua* ssp. *propinqua*
- Cassinia aureonitens** - *Castiarina flavopicta*
- Cassinia compacta** - *Castiarina flavopicta*
- Cassinia longifolia* [see **Cassinia trinerva**]
- Cassinia trinerva** (= *Cassinia longifolia*) - *Castiarina bella*
- Cassinia uncata** - *Castiarina bifasciata*, *C. scalaris*
- Cassinia** sp./spp. - *Castiarina ariel**, *C. australasiae**, *C. burchelli**, *C. flavopicta*, *C. gentilis**, *C. humeralis**, *C. lilliputana**, *C. sexplagiata*, *C. thomsoni*, *C. virginea*, *C. wilsoni*, *Neocuris gracilis**, *T. variabilis**
- Casuarina acutivalvis* [see **Allocasuarina acutivalvis**]
- Casuarina campestris* [see **Allocasuarina campestris**]
- Casuarina corniculata* [see **Allocasuarina corniculata**]
- Casuarina cristata** [Casuarinaceae] - *Astraeus mastersii*
- Casuarina cunninghamiana** - *Agrilus hypoleucus*, *Astraeus crassus*, *Dinocephalia cyaneipennis*, *Diphucrania scabiosa*, *Metaxymorpha gloriosa*, *Pseudanilara purpureicollis*, *Stanwatkinsius kermeti*
- Casuarina dielsiana* [see **Allocasuarina dielsiana**]
- Casuarina distyla* [see **Allocasuarina distyla**]
- Casuarina equisetifolia** - *Actenodes auronotatus*, *Astraeus adamsi*, *A. simulator*, *Chrysobothris tranquebarica*, *Polycesta goryi*, *P. thomae*
- Casuarina fraserina* [see **Allocasuarina fraseriana**]
- Casuarina glauca** - *Astraeus carteri*, *Selagis intercribrata*
- Casuarina helmsii* [see **Allocasuarina helmsii**]
- Casuarina huegeliana* [see **Allocasuarina huegeliana**]
- Casuarina humilis* [see **Allocasuarina humilis**]
- Casuarina inophloia* [see **Allocasuarina inophloia**]
- Casuarina leuhmannii* [see **Allocasuarina leuhmannii**]
- Casuarina littoralis* [see **Allocasuarina littoralis**]
- Casuarina muelleriana* [see **Allocasuarina muelleriana**]
- Casuarina nana* [see **Allocasuarina nana**]
- Casuarina obesa** - *Selagis intercribrata*
- Casuarina principiana* nom. nud.? [see **Allocasuarina acutivalvis** ssp. **prinsepiana**]
- Casuarina prinsepiana* [see **Allocasuarina acutivalvis** ssp. **prinsepiana**]
- Casuarina quadrivalvis* [see **Allocasuarina verticillata**]
- Casuarina stricta* [see **Allocasuarina verticillata**]
- Casuarina suberosa** - *Agrilus australasiae*, *Astraeus samouelli*, *Germanica lilliputana*
- Casuarina torulosa* [see **Allocasuarina torulosa**]
- Casuarina** sp./spp. - *Agrilus thylacinus*, *Astraeus mourangeensis*, *A. samouelli*, *A. simulator*, *Belionota prasina*, *Dinocephalia burnsi*, *Diphucrania cupreicollis*, *D. scabrosula*, *Hypocisseis suturalis*, *Melobasis gloriosa* ssp. *gloriosa*, *Nascioides olliffi*, *Pseudotaenia salamandra*, *Temognatha heros*, *T. similis*
- Ceratopetalum apetalum** [Cunoniaceae] - *Melobasis hypocrita**, *Nascioides costata*, *N. falsomultesima*
- Ceratopetalum gummiferum** - *Castiarina acuminata**, *Pseudanilara cupripes*
- Ceratopetalum** sp./spp. - *Castiarina humeralis**, *C. producta**, *Torresita cuprifera**
- Ceriops tagal** # [Rhizophoraceae] - *Strigoptera bimaculata*

- Chamelaucium uncinatum** [Myrtaceae] - *Castiarina chamelauci*, *Diphucrania viridipurpurea*, *Stigmodera cancellata*, *S. roei*
- Chamelaucium** sp./spp. - *Castiarina charientessa*, *Temognatha pubicollis*
- Chorizema** sp./spp. [Fabaceae] - *Melobasis rectipilosa*
- Chrysopogon fallax** [Poaceae] - *Paracephala murina*
- Citrus aurantiaca** (= *Citrus aurantifolia* ?) [Rutaceae] - *Agrilus occipitalis* ssp. *occipitalis*
Citrus aurantifolia [see **Citrus aurantiaca**]
- Citrus grandis* [see **Citrus maxima**]
- Citrus limonia** - *Melobasis purpurascens*
- Citrus maxima** (= *Citrus grandis*) - *Agrilus occipitalis* ssp. *occipitalis*
- Citrus sinensis** - *Agrilus occipitalis* ssp. *occipitalis*, *Melobasis purpurascens*
- Citrus** sp./spp. - *Agrilus occipitalis* ssp. *occipitalis*, *Melobasis purpurascens*
- Claoxylon australe**. [Euphorbiaceae] - *Agrilus carterellus**
- Clerodendrum floribundum** [Verbenaceae] - *Castiarina decipiens*, *Melobasis purpurascens*
- Conospermum taxifolium** [Proteaceae] - *Castiarina crenata*, *C. sexplagiata*
- Conospermum** sp./spp. - *Castiarina jucunda**, *Neocuris guerini**
- Corymbia gummifera** (= *Eucalyptus gummifera*) [Myrtaceae] - *Calodema plebeia*, *C. regalis*, *Castiarina analis*, *C. atronotata*, *C. biguttata*, *C. campestris*, *C. erubescens*, *C. neglecta*, *C. rollei*, *C. venusta*, *C. viridiventris*, *Metaxymorpha gloriosa*, *M. hauseri*, *Selagis viridicyanea*, *Temognatha alternata*, *T. carpentariae*, *T. jansonii*, *T. lobicollis*, *T. maculiventris*, *T. regia*
- Corymbia intermedia** (= *Eucalyptus intermedia*) - *Calodema plebeia*, *C. regalis*, *Metaxymorpha gloriosa*, *M. hauseri**
- Corymbia polycarpa** (= *Eucalyptus polycarpa*) - *Castiarina andersoni*, *C. atronotata*, *C. auricollis*, *C. cinnamomea*, *C. erubescens*, *C. octospilota*, *C. viridiventris*, *Neospades simplex*, *Temognatha alternata*, *T. excisicollis*, *T. maculiventris*
- Corymbia tessellaris** (= *Eucalyptus viminalis*) - *Melobasis hypocrita*, *M. innocua*, *M. nervosa*, *M. purpurascens*, *Melobasis* sp. 5, *Nascio vetusta*, *Nascioides parryi*, *Pseudanilara cupripes*
- Corymbia torelliana** (= *Eucalyptus torelliana*) - *Castiarina octosignata*, *C. rollei*, *C. venusta*
- Crataegus monogyna** [Rosaceae] - *Nascioides parryi*
- Cupressus macrocarpa** (= *C. macrocarpa* var. *lambertiana*) [Cupressaceae] - *Diadoxus erythrurus*, *D. regius*
Cupressus macrocarpa var. *lambertiana* [see **Cupressus macrocarpa**]
- Cupressus** sp./spp. - *Diadoxus erythrurus*, *Melanophila cuspidata*
- Cuttsia viburnea** [Rousseaceae] - *Calodema regalis*, *Castiarina acuminata**, *C. insignis**, *C. producta**, *C. pulchripes**
- Cyclophyllum multiflorum** [Rubiaceae] - *Metaxymorpha gloriosa*
- Darlingia darlingiana** [Proteaceae] - *Castiarina liliputana**
- Daucus carota** L. [Apiaceae] - *Castiarina ocelligera*
- Davidsonia pruriens** [Cunoniaceae] - *Cyrioides cincta**
- Daviesia corymbosa** var. **virgata** (= *Daviesia virgata*) [Fabaceae] - *Melobasis propinqua* ssp. *propinqua*
- Daviesia divaricata** - *Astraeus fraterculus*
- Daviesia latifolia** - *Diphucrania heroni*, *Ethonion corpulentum*, *Melobasis propinqua* ssp. *propinqua*
Daviesia virgata [see **Daviesia corymbosa** var. **virgata**]
- Daviesia** sp./spp. - *Melobasis gloriosa* ssp. *gloriosa*
- Delonix regia** # [Fabaceae] - *Belionota prasina*
- Delphinium** sp./spp. [Ranunculaceae] - *Chrysobothris purpurifrons*
- Dicrastylis georgei** [Lamiaceae] - *Castiarina quadrifasciata*, *C. uptoni*
- Dicrastylis** sp./spp. - *Castiarina markgoldingi*
- Dillwynia brunioides** (= *Pultenaea brunioides*) [Fabaceae] - *Castiarina kirbyi*, *Melobasis propinqua* ssp. *propinqua*
- Dillwynia floribunda** - *Diphucrania acuducta*, *Ethonion fissiceps*, *E. reichei*, *Melobasis cruentata*, *M. propinqua* ssp. *propinqua*
- Dillwynia floribunda** var. **teretifolia** - *Diphucrania roseocuprea*, *Ethonion corpulentum*

Dillwynia glaberrima - *Ethonion jessicae*

Dillwynia retorta (= *D. ericifolia*) - *Diphucrania acuducta*, *D. notulata*, *Diphucrania* sp. 4, *Ethonion corpulentum*, *E. fissiceps*, *E. jessicae*, *E. leai*, *E. maculatum*, *E. reichei*, *Melobasis propinqua* ssp. *propinqua*

Dillwynia sericea - *Ethonion leai*, *Melobasis propinqua* ssp. *propinqua porteri*

Dillwynia sp./spp. - *Dinocephalia cyaneipennis*, *Diphucrania acuducta*, *D. notulata*, *Ethonion corpulentum*, *E. leai*, *E. reichei*, *Melobasis propinqua* ssp. *porteri*

Dodonaea triquetra [Sapindaceae] - *Diphucrania parva*

Dodonaea sp./spp. - *Castiarina parallela*

Doryphora sassafras [Atherospermataceae] - *Melobasis hypocrita*, *Nascioides falsomultesima*, *N. multesima*

Dryandra cirsioides [see ***Banksia cirsioides***]

Drypetes australasica [see ***Drypetes deplanchei***]

Drypetes deplanchei (= *Drypetes australasica*) [Euphorbiaceae] - *Agrilus deauratus*, *A. frenchi**, *Castiarina minuta**

Elaeocarpus angustifolius [Elaeocarpaceae] - *Calodema regalis*, *Cyphogastra farinosa* ssp. *venerea**, *Metaxymorpha gloriosa*, *M. hauseri**

Elaeodendron australe [Celastraceae] - *Maoraxia auroimpressa*

Elattostachys nervosa [Sapindaceae] - *Diphucrania williamsi*

Epacris microphylla [Epacridaceae] - *Castiarina kirbyi*, *Neocuris gracilis*

Epacris obtusifolia - *Castiarina dimidiata*

Epacris sp./spp. - *Diphucrania roseocuprea**

Eremophila bignoniiflora [Scrophulariaceae] - *Castiarina puteolata*

Eremophila dempsteri - *Castiarina browningi*

Eremophila inflata [see ***Calamphoreus inflatus***]

Eremophila ionantha - *Castiarina browningi*, *C. chinnocki*

Eremophila paisleyi - *Castiarina chinnocki*, *C. cornishi*

Eremophila scoparia - *Castiarina chinnocki*, *C. cornishi*, *C. macarthuri*, *C. vanderwoudeae*

Eremophila weldii - *Castiarina euclae*

Eremophila sp./spp. - *Castiarina aurantia*, *C. diversa*, *C. kempsteri*, *C. rediviva*, *C. rufa*

Eucalyptus acmenioides [Myrtaceae] - *Castiarina andersoni*, *C. carinata*, *C. cinnamomea*, *C. doddi*, *C. erubescens*, *C. flavosignata*, *C. octospilota*, *C. sexcavata*, *C. sexplagiata*, *C. straminea*, *C. vallisii*, *Selagis viridicyanea*, *Temognatha maculiventris*, *T. regia*, *T. sanguinocincta*

Eucalyptus albens - *Anilara anthaxoides*, *Chrysobothris mastersii*, *Chrysobothris* sp. 1, *Merimna atrata*

Eucalyptus amplifolia - *Temognatha goryi*

Eucalyptus baxteri (as *E. capitellata*) - *Nascio vetusta*

Eucalyptus calophylla - *Merimna atrata*

Eucalyptus camaldulensis (as *E. rostrata* Schlect.) - *Melobasis sexplagiata*, *Temognatha flavocincta*

Eucalyptus cambageana - *Pseudotaenia ajax*

Eucalyptus capitellata [see ***Eucalyptus baxteri***]

Eucalyptus crebra - *Anilara antiqua*, *A. nigrita*, *Pseudanilara cupripes*

Eucalyptus cylindriflora - *Castiarina mustelamajor*, *Temognatha chevrolatii*, *T. duponti*, *T. mniszecchii* ssp. *mniszecchii*

Eucalyptus drepanophylla - *Nascio simillima*, *Neospades simplex*

Eucalyptus fasciculosa - *Agrilus assimilis* ssp. *assimilis*

Eucalyptus foecunda (= *Eucalyptus leptophylla*) - *Calotemognatha yarelli*, *Castiarina crockerae*, *C. sexnotata*, *C. subtinata*, *Temognatha bonvouloirii*, *T. bruckii*, *T. chalcodera*, *T. chevrolatii*, *T. ducalis*, *T. duponti*, *T. fusca*, *T. grandis*, *T. heros*, *T. miranda*, *T. mniszecchii* ssp. *mniszecchii*, *T. murrayi*, *T. parvicollis* ssp. *andromeda*, *T. pictipes*, *T. rectipennis*, *T. secularis*, *T. wimmerae* ssp. *wimmerae*

Eucalyptus globulus - *Chrysobothris mali*, *Nascioides parryi*, *Polycesta californica*

Eucalyptus goniocalyx - *Nascio vetusta*

Eucalyptus gracilis - *Castiarina jekellii*, *Selagis aurifera*, *Temognatha fusca*, *T. grandis*, *T. heros*, *T. mniszecchii* ssp. *mniszecchii*

- Eucalyptus gummifera* [see *Corymbia gummifera*]
Eucalyptus haemastoma - *Nascio vetusta*
Eucalyptus hemiphloia [see ***Eucalyptus moluccana***]
Eucalyptus intermedia [see ***Corymbia intermedia***]
Eucalyptus leptophylla [see ***Eucalyptus foecunda***]
Eucalyptus leucoxydon - *Temognatha flavocincta*
Eucalyptus macrorhyncha - *Melobasis splendida*
Eucalyptus melliodora - *Chrysobothris* sp. 1, *Merimna atrata*
Eucalyptus microcorys - *Castiarina praetermissa*
Eucalyptus microtheca - *Pseudotaenia ajax*
Eucalyptus moluccana (= *Eucalyptus hemiphloia*) - *Calodema regalis*, *Castiarina campestris*, *C. carinata*,
C. cinnamomea, *C. erubescens*, *C. planata*, *C. rollei*, *C. viridiventris*, *Chrysobothris* sp. 1, *Merimna*
atrata, *Metaxymorpha gloriosa*, *Pseudotaenia ajax*, *Selagis viridicyanea*, *Temognatha macfarlani*, *T.*
regia
Eucalyptus nitens - *Melobasis monticola*
Eucalyptus obliqua - *Nascio vetusta*
Eucalyptus obtusiflora - *Castiarina bella*, *C. skusei*
Eucalyptus ochrophloia - *Castiarina andersoni*, *C. carinata*, *C. cinnamomea*, *C. doddi*, *C. erubescens*,
C. flavosignata, *C. sexplagiata*, *C. straminea*, *C. vallisii*, *Selagis viridicyanea*, *Temognatha*
maculiventris, *T. obesissima* ssp. *obesissima*, *T. regia*, *T. sanguinocincta*
Eucalyptus oldfieldii - *Castiarina metallica*
Eucalyptus oleosa - *Temognatha fusca*, *T. grandis*, *T. heros*, *T. mitchellii*, *T. mniszechii* ssp. *mniszechii*
Eucalyptus paniculata - *Agrilus deauratus*, *Castiarina mustelamajor*, *Temognatha mitchellii*
Eucalyptus phaeotricha [see ***Eucalyptus tindaliae***]
Eucalyptus polycarpa [see ***Corymbia polycarpa***]
Eucalyptus propinqua - *Astraeus mastersii*, *Temognatha excisicollis*
Eucalyptus punctata - *Melobasis splendida*, *Temognatha goryi*
Eucalyptus racemosa - *Castiarina biguttata*, *C. cinnamomea*, *Temognatha regia*
Eucalyptus resinifera - *Nascio simillima*
Eucalyptus rostrata [see ***Eucalyptus camaldulensis***]
Eucalyptus rudis - *Melobasis sexplagiata*
Eucalyptus saligna - *Nascio vetusta*
Eucalyptus sieberi - *Castiarina rufipennis*, *Torresita cuprifera*
Eucalyptus striaticalyx - *Temognatha imperialis*
Eucalyptus tereticornis - *Temognatha goryi*
Eucalyptus torelliana [see ***Corymbia torelliana***]
Eucalyptus tindaliae (= *Eucalyptus phaeotricha*) - *Nascioides parryi*
Eucalyptus uncinata Turcz. [Myrtaceae] - *Calotemognatha yarelli* ssp. *yarelli*, *Temognatha bonvouloirii*,
T. bruckii, *T. chalcodera*, *T. chevrolatii*, *T. duponti*, *T. fusca*, *T. gigas*, *T. grandis*, *T. heros*, *T. miranda*,
T. mniszechii ssp. *mniszechii*, *T. murrayi*, *T. oleata*, *T. parvicollis* ssp. *parvicollis*, *T. rectipennis*
Eucalyptus viminalis [see ***Corymbia tessellaris***]
Eucalyptus wandoo - *Diphucrania fascigera*
Eucalyptus sp./spp. - *Anilara obscura*, *A. pagana*, *Anthaxia millefolii* ssp. *polychloros*, *Astraeus major*,
*Castiarina abdominalis**, *C. acuticollis**, *C. adelaidae**, *C. australasiae*, *C. bella**, *C. bifasciata*, *C.*
*biguttata**, *C. cincta**, *C. cruentata*, *C. decemmaculata**, *C. gilberti*, *C. hilaris**, *C. insularis*, *C.*
kerremansi, *C. latipes**, *C. luteipennis**, *C. minuta**, *C. nasata**, *C. oblita**, *C. ochreiventris**, *C.*
*pallidipennis**, *C. pertii**, *C. producta*, *C. punctatosulcata**, *C. sexplagiata*, *C. scintillata**, *C. spinolae**,
*C. straminea**, *C. subpura**, *C. terminalis**, *C. tricolor*, *C. undulata**, *Chrysobothris affinis* ssp. *affinis*,
C. tranquebarica, *Chalcophorotaenia australasiae*, *C. quadriimpressa*, *Diphucrania*
duodecimmaculata, *D. rubriceps*, *Julodimorpha bakewellii*, *Melanophila consputa*, *M. occidentalis*,
Melobasis gloriosa ssp. *gloriosa*, *M. ignipicta*, *Melobasis* sp. 7, *Nascio simillima*, *N. vetusta*, *Nascioides*
parryi, *Neocuris cuprilatera**, *N. guerinii*, *N. viridimicans*, *Pseudanilara piliventris*, *P. purpureicollis*,
Pseudotaenia ajax, *Scaptelytra albivittis*, *Selagis caloptera**, *Stigmodera gratiosa*, *S. macularia*,
Temognatha chevrolatii, *T. flavomarginata*, *T. goryi*, *T. heros*, *T. latithorax**, *T. maculiventris**, *T.*

marginalis, *T. miranda*, *T. obesissima* ssp. *obesissima*, *T. obscuripennis*, *T. pubicollis*, *T. spencii**, *T. variabilis*

Eugenia smithii var. *minor* [see ***Syzygium smithii***]

Euodia micrococca [see ***Melicope micrococca***]

Euodia sp./spp. [Rutaceae] - *Castiarina beatrix*

Euroschinus falcata [Anacardiaceae] - *Castiarina producta**

Flindersia brayleyana [Rutaceae] - *Nascioides elderi*

Flindersia maculosa - *Anilara* sp. 1

Flindersia xanthoxyla - *Anilara obscura*, *A. olivia*

Gahnia erythrocarpa [Cyperaceae] - *Melobasis propinqua* ssp. *propinqua*

Gahnia sieberiana - *Synechocera deplana*

Gahnia sp./spp. - *Synechocera deplana*

Gastrolobium floribundum [Fabaceae] - *Melobasis uniformis*

Gastrolobium grandiflorum - *Chalcophorotaenia quadrimpressa*

Gastrolobium spinosum - *Melobasis uniformis*

Geissois biagiana [Cunoniaceae] - *Castiarina aglaia**, *C. hasenpuschi**, *C. hawkeswoodi**, *C. hemizostera**, *C. jackhasenpuschi**, *C. lilliputana**, *C. luteofusca**, *C. octosignata**, *C. prolata**, *C. tenebrosa**, *C. venusta**

giant yellow everlasting - *Stigmodera gratiosa*

Glischrocaryon roei [Haloragaceae] - *Diphucrania chlorota*

Gompholobium sp./spp. [Fabaceae] - *Melobasis gloriosa* ssp. *gloriosa*

Goodenia sp./spp. [Fabaceae] - *Diphucrania roseocuprea**

grass flowers - *Paracephala deserta*

grasses, forbs - *Agrilus inhabilis* ssp. *inhabilis*, *Balthasarella melandryoides*

Grevillea baileyana [Proteaceae] - *Castiarina aglaia**, *C. hawkeswoodi**, *C. lilliputana**, *C. rollei**, *Metaxymorpha gloriosa*

Grevillea eriostachya - *Diadoxus erythrurus*

Grevillea juncifolia - *Stanwatkinsius amanda*

Grevillea nematophylla - *Castiarina thurmerae*

Grevillea pinaster - *Astraeus goldingi*

Grevillea pterosperma - *Castiarina keyzeri*

Grevillea sp./spp. - *Castiarina allensundholmi*, *C. crenata*, *C. vittata*, *Chalcophorotaenia australasiae*, *Diphucrania rubriceps*, *Stanwatkinsius constrictus*, *S. crassus*, *S. grevilleae*, *Temognatha gordonburnsi*, *T. pubicollis*

Grey Box blossom [Myrtaceae] - *Castiarina auricollis*

Guioa lasioneura [Sapindaceae] - *Metaxymorpha gloriosa*

Guioa semiglauca - *Castiarina acuminata**, *C. producta**, *C. variegata**, *Helperella manningensis**, *Maoraxia auroimpressa**

Hakea rugosa [Proteaceae] - *Castiarina piliventris*

Hakea teretifolia - *Castiarina scalaris*, *C. sexplagiata*, *C. tricolor*, *Diphucrania notulata*, *Diphucrania* sp. 8

Hakea trifurcata - *Astraeus fraterculus*, *Stanwatkinsius constrictus*

Hakea sp./spp. - *Astraeus goldingi*, *Castiarina subbifasciata*, *Hypocisseis suturalis*, *Melobasis gloriosa* ssp. *gloriosa*, *Stanwatkinsius cinctus*, *S. constrictus*, *S. grevilleae*, *Stigmodera gratiosa*

Harmogia densifolia (= *Baeckea densifolia*) [Myrtaceae] - *Castiarina australasiae*

Helichrysum dendroideum [see ***Ozothamnus ferrugineus***]

Helichrysum diosmifolium [see ***Ozothamnus diosmifolius***]

Helichrysum obcordatum [see ***Ozothamnus obcordatus***]

Helichrysum thyrsoideum [see ***Ozothamnus thyrsoideus***]

Helichrysum sp./spp. [Asteraceae] - *Castiarina delectabilis**, *C. flavopurpurea**, *C. hilaris**, *C. laena*, *C. ocelligera*, *C. scalaris**, *C. sexplagiata**, *C. thomsoni*, *C. virginea*, *C. wilsoni*, *Neocuris viridimicans*

Heritiera actinophylla [Sterculiaceae] - *Agrilus decupratus**, *A. frenchi**, *Maoraxia auroimpressa**,
Nascioides viridis

Hibiscus rhodopetalus (unresolved name) [Malvaceae] - *Neospades cruciata*

Hibiscus tiliaceus # - *Agrilus indigenus*

Homalium brachybotrys [Salicaceae] - *Castiarina andersoni**, *C. biguttata**, *C. carinata**, *C. indigesta**,
*C. loriae**, *C. phaeorrhaea**, *C. puella**, *C. rufipes**, *C. tigris**, *C. viridiventris**

Homalocalyx sp./spp. (= *Wehlia* sp.) [Myrtaceae] - *Castiarina elderi*

Hypericum perforatum # [Clusiaceae] - *Agrilus hyperici*

Hypericum tetrapterum # - *Agrilus hyperici*

Hypocalymma angustifolium [Myrtaceae] - *Castiarina crocicolor*

Isopogon anemonifolius [Proteaceae] - *Diphucrania* sp. 8

Jacksonia scoparia [Fabaceae] - *Castiarina decemmaculata*, *Ethonion reichei*, *Diphucrania acuducta*,
Melobasis apicalis, *M. cupriceps*, *M. jacquelinae*, *M. propinqua* ssp. *propinqua*, *Melobasis* sp. 8

Jacksonia thesioides - *Diphucrania borealis*, *Neospades simplex*

Jacksonia sp./spp. - *Astraeus flavopictus*, *Diphucrania trimentula*, *Ethonion maculatum*, *Melobasis*
cuprifera, *M. gloriosa* ssp. *gloriosa*

Jam Tree (*Acacia* sp.) [Fabaceae] - *Melobasis formosa*

Juncus sp. [Juncaceae] - *Meliboeithon intermedius*

Kennedia rubicunda [Fabaceae] - *Habroloma socialis*

Kunzea ambigua [Myrtaceae] - *Astraeus hanloni*, *Castiarina australasiae*, *C. bella*, *C. bifasciata*, *C.*
costata, *C. crenata*, *C. cruentata*, *C. decemmaculata*, *C. erythroptera*, *C. flavopicta*, *C. imitator*, *C.*
klugii, *C. octospilota*, *C. parallela*, *C. rufipennis*, *C. scalaris*, *C. sexguttata*, *C. sexplagiata*, *C. subpura*,
C. tricolor, *Neocuris gracilis*, *N. guerinii*, *Pseudanilara cupripes*, *Stigmodera macularia*

Kunzea ericoides (= *Leptospermum phyllicoides*) - *Astraeus hanloni*, *Castiarina armata*, *C.*
decemmaculata, *C. delta*, *C. erythroptera*, *C. nasata*, *C. octospilota*, *C. rufipennis*, *C. sexplagiata*, *C.*
spinolae, *Diphucrania vicina*, *Stigmodera macularia*, *Selagis caloptera*, *Torresita cuprifera*

Kunzea sp./spp. - *Calodema regalis**, *Castiarina balteata**, *C. cydista**, *C. goodingi**, *C. hilaris**, *C.*
*humeralis**, *C. insignis**, *C. kanangra**, *C. luteipennis**, *C. mima**, *C. minuta**, *C. oblita**, *C.*
*octomaculata**, *C. praetermissa**, *C. producta**, *C. pulchripes**, *C. scalaris**, *C. tricolor*, *Diphucrania*
*viridiceps**, *Neocuris guerinii*, *Temognatha pubicollis*

Larix decidua # [Pinaceae] - *Buprestis novemmaculata*

Leptomeria acida [Santalaceae] - *Diphucrania* sp. 7

Leptospermum brevipes [Myrtaceae] - *Melobasis propinqua* ssp. *propinqua*

Leptospermum coriaceum - *Castiarina creta*, *Diphucrania aenigma*

Leptospermum flavescens - *Anilara* sp. 2, *Castiarina alternecosta*, *C. amplipennis*, *C. andersoni*, *C.*
australasiae, *C. balteata*, *C. bella*, *C. bifasciata*, *C. binotata**, *C. bremeri*, *C. brutella*, *C. burchellii*, *C.*
coeruleipes, *C. commixta*, *C. costata*, *C. costipennis*, *C. crenata*, *C. cruenta*, *C. cruentata*, *C. cupricollis*,
C. cydista, *C. decemmaculata*, *C. delectabilis*, *C. deyrollei**, *C. discoidea*, *C. erythroptera*, *C.*
flavopurpurea, *C. flavopicta*, *C. flavosignata**, *C. gentilis*, *C. grata*, *C. hoffmanseggii*, *C. ignota*, *C.*
imitator, *C. indistincta*, *C. jeanae**, *C. kerremansi*, *C. kershawi*, *C. kirbyi*, *C. klugii*, *C. luteipennis*, *C.*
moribunda, *C. nasata*, *C. neglecta*, *C. octomaculata*, *C. octospilota*, *C. parallela*, *C. piliventris*, *C.*
praetermissa, *C. producta*, *C. puella*, *C. pulchripes*, *C. pulla**, *C. punctatissima**, *C. rectifasciata*, *C.*
rufipennis, *C. scalaris*, *C. sexguttata*, *C. sexplagiata*, *C. skusei*, *C. spilota*, *C. spinolae*, *C. subgrata*, *C.*
subpura, *C. terminalis*, *C. thomsoni*, *C. tricolor*, *C. undulata*, *C. variopicta*, *C. victoriensis*,
Dinocephalia cyaneipennis, *Diphucrania acuducta*, *D. cupripennis*, *D. maculata*, *D. nitidiventris*, *D.*
notulata, *D. scabrosula*, *D. vicina*, *Diphucrania* sp. 7, *Diphucrania* sp. 8, *Hypocisseis suturalis*,
Melobasis purpurascens, *Neocuris anthaxoides*, *N. cuprilatera*, *N. gracilis*, *N. guerinii*, *Neocuris* sp.
2, *Neocuris* sp. 3, *Neocuris* sp. 4, *Pachycisseis bicolor*, *Selagis caloptera*, *Stigmodera jacquinotii*,
Stigmodera macularia, *Temognatha limbata*, *T. variabilis*, *Torresita cuprifera*

Leptospermum grandifolium - *Castiarina bifasciata**

- Leptospermum juniperinum** - *Castiarina bifasciata*, *C. dimidiata*, *C. octospilota*, *C. sexplagiata*, *C. skusei*, *Neocuris gracilis*
- Leptospermum lanigerum** - *Castiarina flavopicta*, *C. flavoviridis*, *C. helmsi*, *Diphucrania* sp. 5
- Leptospermum morrisonii** - *Castiarina australasiae*, *C. bella*, *C. bremeri*, *C. brutella*, *C. deyrollei*, *C. flavopicta*, *C. hoffmanseggi*, *C. imitator*, *C. kershawi*, *C. kirbyi*, *C. klugii*, *C. lisaejessicae*, *C. rectifasciata*, *C. scalaris*, *C. semicineta*, *C. sexplagiata*, *C. skusei*, *C. subgrata*, *Diphucrania* sp. 12, *Diphucrania* sp. 13, *Temognatha limbata*, *T. suturalis*, *T. variabilis*
- Leptospermum myrsinoides** - *Castiarina burchellii*, *C. xanthopilosa*
- Leptospermum myrtifolium** - *Castiarina rufipennis*, *Diphucrania vicina*
- Leptospermum parvifolium** - *Castiarina decemmaculata*, *C. kirbyi*, *C. parallela*, *C. sexplagiata*
Leptospermum phyllicoides [see **Kunzea ericoides**]
- Leptospermum polygalifolium** - *Castiarina amplipennis*, *C. armata*, *C. australasiae*, *C. bella*, *C. bifasciata*, *C. cruentata*, *C. deyrollei*, *C. erythroptera*, *C. kanangara*, *C. kerremansi*, *C. kershawi*, *C. oblita*, *C. octospilota*, *C. parallela*, *C. praetermissa*, *C. producta*, *C. rectifasciata*, *C. rufipennis*, *C. scalaris*, *C. semicineta*, *C. sexplagiata*, *C. skusei*, *C. subgrata*, *C. thomsoni*, *C. variopicta*, *Cyrioides imperialis*, *Dinocephalia cyaneipennis*, *Melobasis purpurascens*, *Neocuris anthaxoides*, *N. coeruleans*, *N. crassa*, *N. cuprilatera*, *N. gracilis*, *N. guerinii*, *Stigmodera macularia*, *Torresita cuprifera*
- Leptospermum rupestre** - *Castiarina macquillani*
- Leptospermum scoparium** - *Castiarina ocelligera*, *C. rufipennis*, *Nascioides parryi*
- Leptospermum squarrosus** - *Diphucrania* sp. 8
- Leptospermum trinervium** (= *Leptospermum attenuatum*) - *Castiarina australasiae*, *C. decemmaculata*, *C. kirbyi*, *C. octospilota*, *C. kirbyi*, *C. octospilota*, *C. scalaris*, *C. sexplagiata*, *C. skusei*, *C. subpura*, *C. tricolor*, *C. vicina*, *Diphucrania notulata*, *Stigmodera macularia*, *Temognatha* sp. 1
- Leptospermum whitei** - *Neocuris gracilis*, *Torresita cuprifera*
- Leptospermum** sp./spp. - *Agrilus echidna*, *A. hypoleucus*, *Anilara obscura*, *Calodema regalis**, *Castiarina affabilis*, *C. aleggemmelii**, *C. anchoralis*, *C. andersoni*, *C. argillacea**, *C. aurea*, *C. australasiae*, *C. bella*, *C. bremeri*, *C. bifasciata*, *C. castelnaudi*, *C. commixta*, *C. costata*, *C. costipennis*, *C. crocicolor*, *C. cruentata*, *C. cupida*, *C. cupricollis*, *C. cydista**, *C. decemmaculata*, *C. denmanensis*, *C. deueti**, *C. diversa*, *C. eborica**, *C. elongata*, *C. erythroptera*, *C. flavopicta*, *C. flavopurpurea*, *C. garrawillae*, *C. gilberti*, *C. goodingi**, *C. grata*, *C. helmsi*, *C. hilaris**, *C. humeralis**, *C. imitator*, *C. inconspicua**, *C. insignis**, *C. insularis*, *C. jubata*, *C. jucunda**, *C. kerremansi*, *C. kershawi*, *C. kiatae**, *C. laena*, *C. leai*, *C. liliputana**, *C. luteipennis**, *C. minuta*, *C. mustelamajor**, *C. nasata*, *C. oblita**, *C. ocelligera*, *C. ochreiventris**, *C. octomaculata*, *C. octospilota*, *C. pallidiventris*, *C. parallela*, *C. parallelipennis**, *C. pearsoni*, *C. pertii*, *C. praetermissa*, *C. punctatosulcata**, *C. rudis*, *C. rufipennis*, *C. rutila**, *C. sanguinolenta*, *C. scalaris*, *C. semicineta*, *C. sexguttata*, *C. sexplagiata*, *C. sexualis**, *C. simulata**, *C. subtrifasciata*, *C. skusei*, *C. subpura**, *C. subvicina**, *C. supergrata**, *C. tasmaniensis*, *C. thomsoni*, *C. tricolor*, *C. tyrrhena**, *C. undulata*, *C. variegata**, *C. variopicta*, *C. vicina*, *C. vittata**, *C. watkinsi**, *C. wilsoni*, *C. zecki**, *Cyrioides imperialis*, *Diphucrania acuducta*, *D. duodecimmaculata**, *D. maculata*, *D. minutissima**, *D. nitidiventris*, *D. oblonga*, *D. roseocuprea**, *D. viridiceps**, *Diphucrania* sp. 8, *Ethonion corpulentum*, *E. reichei*, *Melobasis cuprifera*, *M. propinqua* ssp. *propinqua*, *Melobasis propinqua* ssp. *verna*, *Neocuris guerinii*, *Stigmodera cancellata*, *S. gratiosa*, *S. macularia*, *S. roei*, *S. sanguinosa*, *Synechocera deplana*, *Temognatha donovani**, *T. gemmelli**, *T. grandis*, *T. mitchellii*, *T. obesissima* ssp. *obesissima*, *T. sexmaculata*, *T. thoracica**, *T. variabilis*
- Leucopogon** sp./spp. [Ericaceae] - *Diphucrania aenigma*, *Melobasis uniformis*
- Lomatia fraseri** [Proteaceae] - *Castiarina bremeri*
- Macadamia whelanii** [Proteaceae] - *Calodema plebeia**, *C. regalis*, *Castiarina erubescens**, *C. rollei**, *Metaxymorpha gloriosa*, *M. hauseri**
- Macrozamia communis** [Zamiaceae] - *Xyrosclis bumana*
- Macrozamia reidleyi** - *Xyrosclis crocata*
- Mallotus paniculatus** [Euphorbiaceae] - *Scaptelytra bellicosa**
- Mangifera indica** # [Anacardiaceae] - *Belionota prasina*
- Maytenus silvestris** [Celastraceae] - *Hypocisseis pilosicollis*
- Melaleuca acuminata** [Myrtaceae] - *Calotemognatha yarelli*

- Melaleuca armillaris* - *Castiarina pertii*, *Selagis aurifera* ssp. *aurifera*
Melaleuca decora - *Anilara convexa*
Melaleuca glomerata - *Astraeus aridus*, *A. badeni*
Melaleuca huegelii - *Castiarina galactica*
Melaleuca linariifolia - *Castiarina alternecosta**, *C. gilberti*, *Stigmodera macularia*
Melaleuca parvifolia [see *Melaleuca thymifolia*]
Melaleuca pauperiflora - *Castiarina mustelamajor*, *Temognatha heros*
Melaleuca stypheloides - *Temognatha affinis**
Melaleuca thymifolia (= *Melaleuca parvifolia*) - *Calotemognatha yarelli*
Melaleuca uncinata - *Castiarina distantia*, *Temognatha heros*
Melaleuca viridiflora - *Bubastes cylindrica**, *B. suturalis**
Melaleuca sp./spp. - *Astraeus badeni*, *Castiarina burchelli**, *C. cupida*, *C. crenata**, *C. duaringae**, *C. pertii*, *C. stellata*, *Chalcophorotaenia castanea*, *Diphucrania corpulenta*, *D. minutissima**, *Melobasis gloriosa* ssp. *gloriosa*, *M. robusta*, *Stigmodera gratiosa*, *S. roei*, *S. sanguinosa*, *Temognatha chevrolatii*, *T. lessonii*, *Torresita cuprifera**
Melicope elleryana [Rutaceae] - *Calodema plebeia*, *C. regalis*, *C. rubrimarginata**, *Castiarina erubescens**, *C. rollei**, *Metaxymorpha gloriosa*, *M. hauseri**
Melicope micrococca (= *Euodia micrococca*) - *Calodema regalis*, *Metaxymorpha grayi*
Melicope platynema (= *Brombya platynema*) - *Castiarina erubescens**, *C. puella**, *C. rollei**, *Metaxymorpha hauseri**
Metrosideros sp./spp. [Myrtaceae] - *Nascio vetusta*
Micromyrtus hexamera (= *Thryptomene hexamera*) [Myrtaceae] - *Castiarina bugejana*
Micromyrtus sessilis - *Astraeus hanloni*
Micromyrtus sp./spp. (= *Thryptomene* sp./spp.) - *Castiarina aurantia*, *C. michaelpowelli*
Mirbelia seorsifolia [Fabaceae] - *Melobasis regalis* ssp. *regalis*, *M. simulata*
Mirbelia sp./spp. - *Melobasis gloriosa* ssp. *gloriosa*
Myoporum insulare [Scrophulariaceae] - *Melobasis cuprifera*
Myoporum platycarpum - *Castiarina booanyia*, *C. cornishi*, *C. duaringae*
Myoporum sp./spp. - *Temognatha flavomarginata*
- narrow-leaved *Acacia* spp. [Fabaceae] - *Neobubastes nickerli*
native honeysuckle [see *Banksia* sp.] - *Cyrioides imperialis*
Nothofagus cunninghamii [Fagaceae] - *Nascioides quadrinotata*
Nothofagus moorei - *Melobasis hypocrita*, *M. ignipica**, *Nascioides macalpinei*, *N. tillyardi*
Nuytsia floribunda [Loranthaceae] - *Calotemognatha yarelli*, *Castiarina amabilis*, *C. elongata*, *C. filiformis*, *C. occidentalis*, *C. placida*, *C. robusta*, *C. rufipennis*, *C. sanguinolenta*, *Neocuris discoflava*, *Neocuris* sp. 1, *Stigmodera sanguinosa*, *Temognatha lessonii*, *T. obscuripennis*, *T. reichei*, *T. secularis*
Nuytsia sp. - *Melobasis gloriosa* ssp. *gloriosa*
- Olearia* sp./spp. [Asteraceae] - *Castiarina flavopicta*, *C. leai*, *C. ocelligera*
Otione sp./spp. [Fabaceae] - *Melobasis propinqua* ssp. *depressa*
Owenia cerasifera [see *Pleiogynium cerasiferum*]
Oxylobium aciculiferum [Fabaceae] - *Melobasis cupriceps*, *Meliboeithon* sp. 1
Oxylobium sp./spp. - *Diphucrania acuducta**
Ozothamnus diosmifolius (= *Helichrysum diosmifolium*) [Asteraceae] - *Castiarina flavopicta*, *C. rufipennis**
Ozothamnus ferrugineus (= *Helichrysum dendroideum*) - *Castiarina australasiae*, *C. cruentata*, *Melobasis innocua*, *M. prisca*, *M. purpurascens*
Ozothamnus obcordatus (= *Helichrysum obcordatum*) - *Castiarina scalaris*
Ozothamnus thyrsoideus (= *Helichrysum thyrsoideum*) - *Castiarina flavopicta**, *C. flavoviridis**
- Patersonia occidentalis* [Iridaceae] - *Diphucrania viridiceps*, *Ethonion breve*
Patersonia sp./spp. - *Melobasis lathamii*
peppermint - *Stigmodera cancellata*

- Phyllota grandiflora* [Fabaceae] - *Diphucrania acuducta*, *Ethonion reichei*, *Ethonion* sp. 1
Phyllota phylcooides - *Castiarina decemmaculata*, *Diphucrania acuducta*, *Melobasis propinqua* ssp. *propinqua*
Picea abies # [Pinaceae] - *Buprestis novemmaculata*
Picea sp./spp. # - *Buprestis novemmaculata* #
Pimelea linifolia [Thymelaeaceae] - *Melobasis propinqua* ssp. *propinqua*
Pimelea sp./spp. - *Castiarina decemmaculata**
Pinus contorta # [Pinaceae] - *Buprestis aurulenta*
Pinus flexilis # - *Buprestis aurulenta*
Pinus halepensis # - *Buprestis novemmaculata*
Pinus heldreichii # - *Buprestis novemmaculata*
Pinus jeffreyi # - *Buprestis aurulenta*
Pinus lambertiana # - *Buprestis aurulenta*
Pinus muricata # - *Buprestis aurulenta*
Pinus nigra # - *Buprestis novemmaculata*
Pinus nigra ssp. *salzmannii* # - *Buprestis novemmaculata*
Pinus patula # - *Prospheres aurantiopicta*
Pinus pinaster # - *Buprestis novemmaculata*
Pinus pinea # - *Buprestis novemmaculata*
Pinus ponderosa # - *Buprestis aurulenta*
Pinus radiata - *Buprestis aurulenta*, *Melobasis hypocrita*
Pinus sylvestris # - *Buprestis novemmaculata*
Planchonia careya # [Lecythidaceae] - *Cyphogastra pistor* ssp. *pistor*, *Cyphogastra pistor* ssp. *vulnerata*
Platylobium sp./spp. [Fabaceae] - *Melobasis propinqua* ssp. *verna*
Pleiogynium cerasiferum (unresolved name, possibly synonymous with *Owenia cerasifera* - Meliaceae)
 [Anacardiaceae] - *Chalcophorotaenia austrasiae*, *C. cuprascens*, *Cyphogastra pistor* ssp. *pistor*, *C. pistor* ssp. *vulnerata*
Podocarpus elatus [Podocarpaceae] - *Maoraxia auroimpressa*
Pseudotsuga menziesii # [Pinaceae] - *Buprestis aurulenta*
Psyrax odorata (= *Canthium odoratum*) [Rubiaceae] - *Castiarina aglaia**, *C. erubescens**, *C. liliputana**,
*C. rollei**, *Metaxymorpha gloriosa**
Pultenaea acerosa [Fabaceae] - *Ethonion corpulentum*
Pultenaea blakelyi - *Ethonion jessicae*
Pultenaea brunioides [see *Dillwynia brunioides*]
Pultenaea daphnoides - *Ethonion corpulentum*
Pultenaea elliptica - *Melobasis propinqua* ssp. *propinqua*
Pultenaea ferruginea (= *Pultenaea ferruginea* var. *deanei*) - *Ethonion reichei*
Pultenaea ferruginea var. *deanei* [see *Pultenaea ferruginea*]
Pultenaea flexilis - *Ethonion jessicae*, *E. reichei*
Pultenaea stipularis - *Ethonion reichei*
Pultenaea subternata - *Melobasis propinqua* ssp. *propinqua*
Pultenaea villosa - *Melobasis propinqua* ssp. *propinqua*, *Neocuris gracilis*
Pultenaea sp./spp. - *Castiarina kirbyi**, *Diphucrania acuducta*, *Ethonion corpulentum*, *E. reichei*,
Melobasis propinqua ssp. *verna*
- red-flowered Fabaceae - *Diphucrania patricia**
- Rhadinothermus anceps* (= *Phebalium squamulosum* ssp. *argenteum*) [Rutaceae] - *Melobasis wannerua*
Rhodomyrtus psidioides [Myrtaceae] - *Pseudanilara cupripes*, *Torresita cuprifera*
Rubus hillii [Rosaceae] - *Aaaba fossicollis*, *A. nodosus*
Rubus moorei - *Aaaba nodosus*
Rubus parvifolius - *Aaaba nodosus*
- Sannantha virgata* (= *Baeckea virgata*) [Myrtaceae] - *Castiarina testacea**
Santalum acuminatum [Santalaceae] - *Melobasis abnormis*, *M. paucipunctata*.

- Sarcopteryx reticulata** [Sapindaceae] - *Metaxymorpha gloriosa*
Schizomeria ovata [Cunoniaceae] - *Maoraxia auroimpressa**, *Nascioides falsomultesima*
Scholtzia sp./spp. [Myrtaceae] - *Castiarina aurantia*
Scolopia braunii [Salicaceae] - *Castiarina cydista**, *C. producta**
 sedges [Cyperaceae] - *Euryaspilus viridis*
Senna sp./spp. [Fabaceae] - *Melobasis burnsi*
Sloanea woollsi [Elaeocarpaceae] - *Nascioides falsomultesima*
 small gum trees (*Eucalyptus* sp.) [Myrtaceae] - *Diphucrania duodecimmaculata*
Solanum lasiophyllum [Solanaceae] - *Neospades chrysopygius*
Stipa setacea [Poaceae] - *Paracephala pistacina*
Stipa sp./spp. - *Paracephala borea*
Synima cordieri [Sapindaceae] - *Metaxymorpha gloriosa**
Syzygium floribundum (= *Waterhousea floribunda*) [Myrtaceae] - *Castiarina andersoni**, *C. ariel**, *C. gentilis**, *C. insignis**, *C. liliputana**, *C. minuta**, *C. praetermissa**, *C. producta**, *C. pulchripes*, *C. sexguttata**, *C. spinolae**, *C. williamsi**, *Diphucrania watkinsi**, *Maoraxia auroimpressa**, *Melobasis splendida**, *Pseudanilara cupripes*, *Selagis aurifera**, *S. splendens*, *Torresita cuprifera**
Syzygium smithii (= *Acmena smithii* = *Eugenia smithii* var. *minor*) - *Castiarina alternecosta**, *C. amplipennis**, *C. decemmaculata**, *C. delta**, *C. gentilis**, *C. insignis**, *C. liliputana**, *C. minuta**, *C. producta**, *C. pulchripes**, *C. rufipennis**, *C. sexguttata**, *C. undulata**, *Diphucrania watkinsi*, *Maoraxia auroimpressa**, *Nascioides pulcher*, *Selagis splendens**
Syzygium sp./spp. (= *Acmena* sp.) - *Calodema plebeia**, *C. regalis*, *Castiarina beatrix*, *C. humeralis**, *Metaxymorpha gloriosa*, *M. hauseri**, *Nascioides costata*, *N. pulcher*
- Tephrosia astragaloides** [Fabaceae] - *Diphucrania cupripennis*, *Neospades viridis*
Terminalia catappa # [Combretaceae] - *Cyphogastra pistor* ssp. *pistor*
Terminalia petiolaris # - *Cyphogastra pistor* ssp. *pistor*
Themeda australis [Poaceae] - *Melobasis costata*
Thryptomene denticulata [Myrtaceae] - *Castiarina bucolica*
Thryptomene hexamera [see **Micromyrtus hexamera**]
Thryptomene sp./spp. [see **Micromyrtus** sp./spp.]
Thuja plicata # [Cupressaceae] - *Buprestis aurulenta*
Tristaniopsis laurina [Myrtaceae] - *Calodema regalis**, *Castiarina delta**, *C. insignis**, *C. liliputana**, *C. minuta**, *C. producta**, *C. sexguttata**, *Metaxymorpha grayii*
Tristaniopsis sp./spp. - *Diphucrania scabiosa*
Triumfetta bartramia [see **Triumfetta rhomboidea**]
Triumfetta rhomboidea (= *Triumfetta bartramia*) [Malvaceae] - *Melobasis cyanipennis*
- Urodon** sp./spp. [Fabaceae] - *Melobasis propinqua* ssp. *depressa*
- Verticordia forrestii** [Myrtaceae] - *Castiarina forresti*
Viminaria denudata [see **Viminaria juncea**]
Viminaria juncea (= *Viminaria denudata*) [Fabaceae] - *Diphucrania acuducta*, *Melobasis cupriceps*
- wattle [see **Acacia** sp./spp.] - *Diphucrania montana*
Waterhousea floribunda [see **Syzygium floribundum**]
- Xanthorrhoea johnsonii** [Xanthorrhoeaceae] - *Diphucrania duodecimmaculata*
Xanthorrhoea minor - *Castiarina bifasciata*, *Synechocera brooksi*, *S. queenslandica*
Xanthorrhoea preissii - *Diphucrania stigmata*, *Melobasis gloriosa*
Xanthorrhoea sp./spp. - *Astraeus elongatus*, *Castiarina affabilis*, *C. aleggammeli**, *C. cupida*, *C. scalaris**, *Diphucrania duodecimmaculata*, *D. macmillani*, *D. stigmata*, *Synechocera parvipennis*, *Temognatha pubicollis*
Xanthostemon whitei [Myrtaceae] - *Scaptelytra bellicosa**
Xyris sp./spp. [Xyridaceae] - *Diphucrania roseocuprea**

Unassociated Records

“clinging to wheat stubble, low mallee shoots, andc” - *Neobuprestis peroni*
 common fern - *Diphucrania marmoratus*
 flowers of eucalypts and other myrtaceous shrubs [Myrtaceae] - *Castiarina castelnaudi*
 flowers of myrtaceous plants - *Castiarina vegeta*
 other bush peas [Fabaceae] - *Dinocephalia cyaneipennis*, *Melobasis propinqua* ssp. *porteri*
 unknown fruit tree - *Melobasis purpurascens*
 unknown white flowering bush - *Castiarina amabilis*
 unspecified/indet. [Cyperaceae] - *Euryspilus viridis*
 vine scrub - *Agrilus walesicus**
 yellow everlasting - *Neocuris viridimicans*

Acknowledgments

We note significant assistance from the following individuals: for general advice and/or response to specific questions: Dr Daniel J. Bickel, Entomology, Australian Museum, Sydney, Dr Simon J. Grove, Sustainability Branch, Forestry Tasmania, Hobart, Kim Pullen, CSIRO Entomology, Canberra, Alex Scott, Cambridge Park, Sydney, Dr Ken Walker, Entomology, Museum Victoria, Melbourne, Margo Watkins, Milla Milla, North Queensland; for help with literature: Christian Moeseneder, CSIRO Marine and Atmospheric Research, Ecosciences Precinct, Dutton Park, Queensland and Frances Smith, Library, Australian Museum; for help with botanical questions: Andrew Ford, Reference Herbarium, CSIRO Ecosystem Sciences, Atherton, Queensland and Dr Fred Hrusha, Botany Lab, Plant Pest Diagnostic Branch, California Department of Food and Agriculture, 3294 Meadowview Road, Sacramento, California, 95832, U.S.A. and for review of the manuscript and the constructive comments and suggestions towards its improvement: Henry A. Hespenheide, retired, University of California, Los Angeles, U.S.A. and Richard L. Westcott, retired, Oregon Dept. of Agriculture, Salem, U.S.A. Finally, we would be remiss not to acknowledge our colleague Trevor Hawkeswood, Richmond, New South Wales and his several coauthors for the detail given in their various summaries of published biological data, which has inspired this work and helped us immensely.

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Appendix 1. Systematic Host Plant Index

This table includes the authority name for all plants followed by their common names that could be located. Nominate subspecies (ssp.) or varieties (var.) of plant taxa (basionyms) are not listed separately, but included with the nominate root taxon. Those buprestids with the name in bold indicate verified larval host records and those with the asterisk (*) are new host records. Plant taxa marked with the # have published host records for jewel beetles occurring in Australia, but are not known to be native or present in the modern Australian flora.

| PLANT TAXON and COMMON NAME | BEETLE TAXON |
|--|--------------------------------|
| PTERIDOPHYTA | |
| MISCELLANEOUS / UNSPECIFIED | |
| common fern | <i>Diphucrania marmoratus</i> |
| GYMNOSPERMAE | |
| CYCADALES | |
| ZAMIACEAE | |
| Sago-palm Family | |
| <i>Macrozamia communis</i> L.A.S. Johnson Burrawang | <i>Xyroscelis bumana</i> |
| <i>Macrozamia reidlei</i> (Fisch. ex Gaudich.) Gardner Cycad Palm, Zamia, Zamia Palm | <i>Xyroscelis crocata</i> |
| PINIDAE / PINALES | |
| Conifers | |
| PINACEAE | |
| Pine Family | |
| <i>Abies alba</i> Mill. # = <i>Abies nobilis</i> A. Dietr. European Silver Fir | <i>Buprestis novemmaculata</i> |
| <i>Abies concolor</i> (Gord. & Glend.) Lindl. # White Fir | <i>Buprestis aurulenta</i> |
| <i>Abies grandis</i> (Dougl.) Lindl. # Grand Fir, Giant Fir, Lowland White Fir, Great Silver Fir, Western White Fir, Vancouver Fir, Oregon Fir | <i>Buprestis aurulenta</i> |
| <i>Larix decidua</i> Mill. # European Larch | <i>Buprestis novemmaculata</i> |
| <i>Picea abies</i> (L.) Karst. # = <i>Pinus excelsa</i> Lam. Norway Spruce | <i>Buprestis novemmaculata</i> |

| | |
|--|---------------------------------|
| <i>Picea</i> sp./spp. # Spruce | <i>Buprestis aurulenta</i> |
| <i>Pinus contorta</i> Loud. # Lodgepole Pine, Shore Pine | <i>Buprestis aurulenta</i> |
| <i>Pinus flexilis</i> James # Limber Pine, Southwestern White Pine, Rocky Mountain White Pine | <i>Buprestis aurulenta</i> |
| <i>Pinus halepensis</i> Miller # Aleppo Pine, Jerusalem Pine | <i>Buprestis novemmaculata</i> |
| <i>Pinus heldreichii</i> H. Christ # = <i>Pinus leucodermis</i> Antoine Bosnian Pine | <i>Buprestis novemmaculata</i> |
| <i>Pinus jeffreyi</i> Balf. # Jeffrey Pine | <i>Buprestis aurulenta</i> |
| <i>Pinus lambertiana</i> Dougl. # Sugar Pine, Sugar Cone Pine | <i>Buprestis aurulenta</i> |
| <i>Pinus muricata</i> D. Don # Bishop Pine | <i>Buprestis aurulenta</i> |
| <i>Pinus nigra</i> J. F. Arnold # European Black Pine | <i>Buprestis novemmaculata</i> |
| <i>Pinus nigra</i> ssp. <i>salzmannii</i> (Dunal) Franco # = <i>Pinus salzmannii</i> Dunal | <i>Buprestis novemmaculata</i> |
| <i>Pinus patula</i> Schiede ex Schltdl. & Cham. # (intro.) Mexican Weeping Pine, pino llorón | <i>Prospheres aurantiopicta</i> |
| <i>Pinus pinaster</i> Aiton # Maritime Pine | <i>Buprestis novemmaculata</i> |
| <i>Pinus pinea</i> L. # Stone Pine | <i>Buprestis novemmaculata</i> |
| <i>Pinus ponderosa</i> Laws. # = <i>Pinus ponderosa</i> ssp. <i>scopluorum</i> Ponderosa Pine, Bull Pine, Blackjack Pine, Western Yellow Pine | <i>Buprestis aurulenta</i> |
| <i>Pinus radiata</i> D. Don (introduced) Monterey Pine, Pine, Insignis Pine, Radiata Pine | <i>Melobasis hypocrita</i> |
| <i>Pinus sylvestris</i> L. # Scots Pine | <i>Buprestis novemmaculata</i> |
| <i>Pseudotsuga menziesii</i> (Mirb.) Franco # = <i>Pseudotsuga mucronata</i> (Raf.) Sudw. ex Holzinger | <i>Buprestis aurulenta</i> |

= *Pseudotsuga taxifolia* (Lamb.) Britton
Douglas-fir, Oregon Pine, Douglas Spruce
probably bred from imported Oregon pine timber;
larvae feed in pine wood

lab reared from pine
(intro.)

Buprestis aurulenta (introduced)

Buprestis novemmaculata

ARAUCARIALES
ARAUCARIACEAE
Araucaria Family

Araucaria cunninghamii Aiton ex D. Don.
Hoop Pine, Moreton Bay Pine

Araucariana queenslandica
Prosppheres alternecostata
Prosppheres aurantiopicta

PODOCARPACEAE
Podocarp Family

Podocarpus elatus R. Br.
Plum Pine, Brown Pine

Maoraxia auroimpressa

CUPRESSALES
CUPRESSACEAE
Cypress family

Callitris columellaris F. Muell.
= *Callitris glauca* R. Br. ex R.T. Baker & H.G. Sm.
= *Callitris glaucophylla* Thomson & Johnson
= *Callitris heugelii* (Carr.) Franco, in part
White Cypress Pine, Murray River Cypress Pine,
Northern Cypress Pine

Astraeus sundholmi
Diadoxus erythrurus
Theryaxia suttoni

Callitris endlicheri (Parlatore) F. M. Bail.
Black Cypress Pine

Diadoxus erythrurus

Callitris glauca R. Br. ex R.T. Baker & H.G. Sm.
[see *Callitris columellaris*]

Callitris glaucophylla Thomson & Johnson
[see *Callitris columellaris*]

Callitris heugelii (Carr.) Franco
[see *Callitris columellaris*]

Callitris macrocarpa (nom. nud.?)

Callitris preissii Miq.
= *Callitris preissii* ssp. *verrucosa* (A. Cunn. ex. Endl.)
J. Gardner
Rottneest Island Pine

Astraeus badeni
Astraeus crockeriae
Astraeus jansonii

Callitris preissii ssp. *verrucosa* (A. Cunn. ex. Endl.) J. Gardner

[see ***Callitris verrucosa***]

Callitris rhomboidea R. Br. ex Rich. & A. Rich.
Oyster Bay Pine, Port Jackson Pine

Astraeus jansonii

Callitris verrucosa (A. Cunn. ex. Endl.) R. Br. ex Mirb.
Mallee Pine

Astraeus jansonii
Diadoxus erythrurus

Callitris sp./spp.

Astraeus sundholmi
Diadoxus erythrurus
Diadoxus juengi
Diphucrania furfurosa

Cupressus macrocarpa Hartw. (introduced)
= *C. macrocarpa* var. *lambertiana* Gordon
Monterey Cypress

Diadoxus erythrurus
Diadoxus regius

Cupressus macrocarpa var. *lambertiana* Gordon
[see ***Cupressus macrocarpa***]

Thuja plicata Donn ex D. Don #
Western Redcedar

Buprestis aurulenta

ANGIOSPERMAE

eudicots

ANACARDIACEAE

Cashew or Sumac Family

Euroschinus falcata Hook. f.
Ribbon Wood, White Poplar, Chinaman's Cedar,
Maiden's Blush, Blush Cudgerie, Mango Bark

*Castiarina producta**

Mangifera indica L. #
Mango

Belionota prasina

Pleiogynium cerasiferum R.N. Parker
(unresolved name, possibly synonymous with
Owenia cerasifera F. Muell. - Meliaceae)
Burdekin Plum

Chalcophorotaenia austrasiae
Chalcophorotaenia cuprascens
Cyphogastra pistor ssp. *pistor*
Cyphogastra pistor ssp. *vulnerata*

APIACEAE (Umbelliferae)

Parsley or Carrot Family

Actinotus helianthi Labill.
Flannel Flower

Neocuris gracilis
*Neocuris guerini**

ASTERACEAE (Compositae)

Aster, Daisy, or Sunflower Family

- | | |
|--|---|
| <i>Cassinia aculeata</i> (Labill.) A. Cunn. ex R. Br. Common Cassinia, Dolly Bush, Dogwood | <i>Castiarina skusei</i> <i>Castiarina wilsoni</i> |
| <i>Cassinia arcuata</i> R. Br. Drooping Cassinia, Chinese Scrub, Chinese Shrub, Sifton Bush | <i>Melobasis propinqua</i> ssp. <i>propinqua</i> |
| <i>Cassinia aureonitens</i> N.A. Wakef. Yellow Cassinia | <i>Castiarina flavopicta</i> |
| <i>Cassinia compacta</i> F. Muell. Bushy Cassinia | <i>Castiarina flavopicta</i> |
| <i>Cassinia longifolia</i> R. Br. [see <i>Cassinia trinerva</i>] | |
| <i>Cassinia trinerva</i> N.A. Wakef. = <i>Cassinia longifolia</i> R. Br. Three-nerved Cassinia, Three-veined Cassinia | <i>Castiarina bella</i> |
| <i>Cassinia uncata</i> A. Cunn. ex DC. Sticky Cassinia | <i>Castiarina bifasciata</i> <i>Castiarina scalaris</i> |
| <i>Cassinia</i> sp./spp. | <i>Castiarina ariel</i> * <i>Castiarina australasiae</i> * <i>Castiarina burchelli</i> * <i>Castiarina flavopicta</i> <i>Castiarina gentilis</i> * <i>Castiarina humeralis</i> * <i>Castiarina liliputana</i> * <i>Castiarina sexplagiata</i> <i>Castiarina thomsoni</i> <i>Castiarina virginea</i> <i>Castiarina wilsoni</i> <i>Neocuris gracilis</i> * <i>Temognatha variabilis</i> * |
| <i>Helichrysum diosmifolium</i> (Vent.) Sweet [see <i>Ozothamnus diosmifolius</i>] | |
| <i>Helichrysum dendroideum</i> N.A. Wakef. [see <i>Ozothamnus ferrugineus</i>] | |
| <i>Helichrysum obcordatum</i> (DC.) F. Muell. ex Benth. [see <i>Ozothamnus obcordatus</i>] | |
| <i>Helichrysum thyrsoideum</i> [see <i>Ozothamnus thyrsoideus</i>] | |
| <i>Helichrysum</i> sp./spp. | <i>Castiarina delectabilis</i> * <i>Castiarina flavopurpurea</i> * <i>Castiarina hilaris</i> * |

Olearia sp./spp.

Ozothamnus diosmifolius (Vent.) DC.
= *Helichrysum diosmifolium* (Vent.) Sweet
Rice Flower, Pink Rice Flower, White Dogwood,
Pill Flower, Sago Bush

Ozothamnus ferrugineus (Labill.) Sweet
= *Helichrysum dendroideum* N.A. Wakef.
Tree Everlasting

Ozothamnus obcordatus DC.
= *Helichrysum obcordatum* (DC.) F. Muell. ex Benth.
Grey Everlasting

Ozothamnus thyrsoides DC.
(= *Helichrysum thyrsoides* (DC.) P. Morris & J. Willis)
Sticky Everlasting, Snow in Summer

ATHEROSPERMATACEAE

Southern Sassafras

Doryphora sassafras Endl.
Sassafras, Yellow-, Canary-, Golden Sassafras,
Golden Deal

BOMBACACEAE

Durian Family

Camptostemon schultzei Masters #
Kapok Mangrove

Ceiba pentandra (L.) Gaertn. #
Kapok Tree

CANNABACEAE

Hemp Family

Aphananthe philippinensis Planch.
Native Elm, Grey Handwood, Rough-leaved Elm

Castiarina laena
Castiarina ocelligera
*Castiarina scalaris**
*Castiarina sexplagiata**
Castiarina thomsoni
Castiarina virginea
Castiarina wilsoni
Neocuris viridimicans

Castiarina flavopicta
Castiarina leai
Castiarina ocelligera

Castiarina flavopicta
*Castiarina rufipennis**

Castiarina australasiae
Castiarina cruentata
Melobasis innocua
Melobasis prisca
Melobasis purpurascens

Castiarina scalaris

*Castiarina flavopicta**
*Castiarina flavoviridis**

Melobasis hypocrita
Nascioides falsomultesima
Nascioides multesima

Strigoptera bimaculata

Belionota prasina

Castiarina venusta
Metaxymorpha gloriosa

CASUARINACEAE

Casuarina Family

- Allocasuarina acutivalvis*** (F. Muell.) L.A.S. Johnson
= *Casuarina acutivalvis* F. Muell. *Astraeus goerlingi*
Temognatha chalcodera
- Allocasuarina acutivalvis*** ssp. ***prinsepiana*** (C.R.P. Andrews) L.A.S. Johnson
? = *Casuarina prinsepiana* C.R.P. Andrews *Astraeus goerlingi*
? = *C. principiana* nom. nud.?
- Allocasuarina campestris*** (Diels) L.A.S. Johnson ***Agrilus echidna***
= *Casuarina campestris* Diels *Astraeus aberrans*
Astraeus goldingi
Astraeus lineatus
Astraeus minutus
Astraeus obscurus
Astraeus polli
Astraeus tamminensis
Diadoxus eyrthrurus
Diadoxus regius
Diphucrania rubricata
Stanwatkinsius careniceps
Stanwatkinsius grevilleae
- Allocasuarina corniculata*** (F. Muell.) L.A.S. Johnson *Astraeus aberrans*
= *Casuarina corniculata* F. Muell. *Astraeus dedariensis*
Temognatha martini
- Allocasuarina dielsiana*** (Gardner) L.A.S. Johnson *Astraeus carteri*
= *Casuarina dielsiana* C.A. Gardner *Astraeus obscurus*
Diels' She-oak *Astraeus occidentalis*
Astraeus robustus
- Allocasuarina distyla*** (Vent.) L.A.S. Johnson ***Dinocephalia cyaneipennis***
= *Casuarina distyla* Vent. *Dinocephalia thoracica*
Scrub She-oak *Diphucrania duodecimmaculata*
Germarica lilliputana
Paracephala murina
- Allocasuarina fraseriana*** (Miq.) L.A.S. Johnson ***Selagis intercribrata***
= *Casuarina fraseriana* Miq.
Western She-oak, Common She-oak, She-oak
- Allocasuarina helmsii*** (Ewart & Gordon) L.A.S. Johnson *Astraeus obscurus*
= *Casuarina helmsii* Ewart & Gordon *Stanwatkinsius perplexus*
- Allocasuarina huegeliana*** (Miq.) L.A.S. Johnson *Agrilus aurovittatus*
= *Casuarina huegeliana* Miq. *Agrilus brevis*
Rock She-oak, Sighing She-oak *Agrilus echidna*
Astraeus bakeri
Astraeus carnabyi
Astraeus elongatus
Astraeus fraseriensis

- Astraeus globosus*
Astraeus irregularis
Astraeus macmillani
Astraeus minutus
Astraeus oberthuri
Astraeus obscurus
Astraeus watsoni
- Allocasuarina humilis*** (Otto & A. Dietr.) L.A.S. Johnson
 = *Casuarina humilis* Otto & A. Dietr.
 dwarf she-oak, dwarf casuarina
- Astraeus fraseriensis*
Astraeus globosus
Astraeus obscurus
Stanwatkinsius constrictus
- Allocasuarina inophloia*** (F. Muell. & F.M. Bailey) L.A.S. Johnson
 = *Casuarina inophloia* F. Muell. & F.M. Bailey
 Stringybark She Oak
- Astraeus blackdownensis*
Astraeus irregularis
- Allocasuarina littoralis*** (Salisb.) L.A.S. Johnson
 = *Casuarina littoralis* Salisb.
 Black She-oak
- Agrilus australasiae*
Anilara sulcicollis
Anilara sulcipennis
Astraeus crassus
Astraeus dilutipes
Astraeus pygmaeus
Astraeus samouelli
Astraeus smythi
Dinocephalia cyaneipennis
Germarica lilliputana
Melobasis sp. 9
Selagis caloptera
Temognatha suturalis
- Allocasuarina luehmannii*** (R.T. Baker) L.A.S. Johnson
 = *Casuarina luehmannii* R. T. Baker
 = *Casuarina luehmanniana*
 Bull-oak
- Astraeus crassus*
Astraeus irregularis
- Allocasuarina muelleriana*** (Miq.) L.A.S. Johnson
 = *Casuarina muelleriana* Miq.
 Slaty She-oak
- Agrilus hypoleucus*
- Allocasuarina nana*** (Sieber ex Spreng.) L.A.S. Johnson
 = *Casuarina nana* Sieb. ex Spreng.
 Dwarf She-oak
- Astraeus crassus*
Astraeus intricatus
Astraeus jansoni
Germarica lilliputana
- Allocasuarina torulosa*** (Aiton) L.A.S. Johnson
 = *Casuarina torulosa* Aiton
 Rose She-oak, Forest Oak
- Agrilus aurovittatus*
Astraeus crassus
Dinocephalia cyaneipennis
Germarica lilliputana
Temognatha suturalis

Allocasuarina verticillata (Lam.) L.A.S. Johnson
 = *Casuarina quadrivalvis* Labill.
 = *Casuarina stricta* Aiton
 Drooping She-oak

Allocasuarina sp./spp.

Casuarina acutivalvis F. Muell.
 [see *Allocasuarina acutivalvis*]

Casuarina prinsepiana C.R.P. Andrews
 = *C. principiana* nom. nud.?
 [see *Allocasuarina acutivalvis* ssp. *prinsepiana*]

Casuarina campestris Diels
 [see *Allocasuarina campestris*]

Casuarina corniculata F. Muell.
 [see *Allocasuarina corniculata*]

Casuarina cristata Miq.
 Black Oak, Belah

Casuarina cunninghamiana Miq.
 River Oak, Beach She-oak

Casuarina dielsiana C.A. Gardner
 [see *Allocasuarina dielsiana*]

Casuarina distyla Vent.
 [see *Allocasuarina distyla*]

Astraeus mayoi
Astraeus pygmaeus
Astraeus samouelli
Chrysobothris saundersii
Diphucrania scabiosa
Germanica lilliputana
Stanwatkinsius uniformis
Temognatha fornumii
Temognatha suturalis

Astraeus bakeri
Astraeus dilutipes
Astraeus globosus
Astraeus irregularis
Astraeus macmillani
Astraeus multinotatus
Astraeus oberthuri
Astraeus pygmaeus
Melobasis costata
Stanwatkinsius constrictus
Stanwatkinsius grevilleae
Stanwatkinsius perplexus
Stanwatkinsius subcarinifrons

Astraeus mastersii

Agrilus hypoleucus
Astraeus crassus
Dinocephalia cyaneipennis
Diphucrania scabiosa
Lampetis mimosae* ssp. *mimosae
Metaxymorpha gloriosa
Pseudanilara purpureicollis
Stanwatkinsius kermeti

Casuarina equisetifolia L.

Coast Sheoak, Beach Casuarina, Beach Oak,
Beach She-oak, Whistling Tree, Coastal She-oak,
Horsetail She-oak, Coast She-oak

*Actenodes auronotatus**Astraeus adamsi**Astraeus simulator****Chrysobothris tranquebarica******Polycesta goryi******Polycesta thomae****Casuarina fraserina* Miq.[see ***Allocasuarina fraseriana***]***Casuarina glauca*** Sieber ex. Spreng.

Grey She-oak, Swamp She-oak

*Astraeus carteri****Selagis intercribrata****Casuarina helmsii* Ewart & Gordon[see ***Allocasuarina helmsii***]*Casuarina huegeliana* Miq.[see ***Allocasuarina huegeliana***]*Casuarina humilis* Otto & A. Dietr.[see ***Allocasuarina humilis***]*Casuarina inophloia* F. Muell. & F.M. Bailey[see ***Allocasuarina inophloia***]*Casuarina littoralis* Salisb.[see ***Allocasuarina littoralis***]*Casuarina muelleriana* Miq.[see ***Allocasuarina muelleriana***]*Casuarina nana* Sieb. ex Spreng.[see ***Allocasuarina nana***]***Casuarina obesa*** Miq. in Lehm.

Swamp She-oak, Swamp Oak

Selagis intercribrata*Casuarina principiana* nom. nud.?[see ***Allocasuarina acutivalvis*** ssp. ***prinsepiana***]*Casuarina prinsepiana* C.R.P. Andrews[see ***Allocasuarina acutivalvis*** ssp. ***prinsepiana***]*Casuarina quadrivalvis* Labill.[see ***Allocasuarina verticillata***]*Casuarina stricta* Aiton[see ***Allocasuarina verticillata***]***Casuarina suberosa*** Otto & A. Dietr.

Black She-oak, Straight She-oak

*Agrilus australasiae**Astraeus samouelli**Germanica lilliputana*

Casuarina torulosa Aiton
[see *Allocasuarina torulosa*]

Casuarina sp./spp.
She-oak

Agrilus thylacinus
Astraeus mourangeensis
Astraeus samouelli
Astraeus simulator
Belionota prasina
Dinocephalia burnsi
Diphucrania cupreicollis
Diphucrania scabrosula
Hypocisseis suturalis
Melobasis gloriosa ssp. *gloriosa*
Nascioides olliffi
Pseudotaenia salamandra
Temognatha heros
Temognatha similis

CELASTRACEAE

Staff Vine or Bittersweet Family

Elaeodendron australe Vent.

Maoraxia auroimpressa

Maytenus silvestris Lander & L.A.S. Johnson
Narrow Leaved Orangebark, Orange Bush, Orange Bark

Hypocisseis pilosicollis

CLUSIACEAE (Guttiferae)
Garcinia Family

Hypericum perforatum L. #
St John's wort, Common St John's wort, Tipton's weed,
Chase-devil, Klamath weed

Agrilus hyperici (introduced)

Hypericum tetrapterum Fr. #
St. Peter's Wort, Peterwort, Square Stemmed St. John's Wort,
Square Stalked St. John's Wort

Agrilus hyperici (introduced)

COMBRETACEAE
Combretum Family

Terminalia catappa L. #
Bengal Almond, Singapore Almond, Ebelebo, Malabar Almond,
Indian Almond, Tropical Almond, Sea Almond, Beach Almond,
Talisay Tree, Umbrella Tree

Cyphogastra pistor ssp. *pistor*

Terminalia petiolaris Benth. #
Marul, Blackberry

Cyphogastra pistor ssp. *pistor*

CUNONIACEAE
Cunonia Family

Ceratopetalum apetalum D. Don
Coachwood, Scented Satinwood, Tarwood

Melobasis hypocrita*
Nascioides costata
Nascioides falsomultesima

Ceratopetalum gummiferum Sm.

New South Wales Christmas Bush

Ceratopetalum sp./spp.***Davidsonia pruriens*** F. Muell.

Ooray, Davidson's plum, Queensland Davidson's plum

Geissois biagiana (F. Muell.) F. Muell.Brush Mahogany, Northern Brush Mahogany,
Northern Brush Mararie, Red Carabeen***Schizomeria ovata*** D. DonWhite Birch, Crab Apple, White Cherry, Snowberry,
Humberg, Squeaker**ELAEOCARPACEAE**

Jamaican Cherry Family

Elaeocarpus angustifolius BlumeBlue Fig, Blueberry Ash, Caloon, Coolan, Cooloon,
Genitri, Indian Oil Fruit, Quandong, Blue Quandong,
Brisbane Quandong, Brush Quandong,
Silver Quandong, White Quandong***Sloanea woollsii*** F. Muell.

Yellow Carabeen

EPACRIDACEAE

Australian Heath Family

Epacris microphylla R. Br.

Coral Heath

Epacris obtusifolia Sm.

Blunt-leaf Heath

Epacris sp./spp.*Castiarina acuminata***Pseudanilara cupripes**Castiarina humeralis***Castiarina producta***Torresita cuprifera*****Cyrioides cincta*****Castiarina aglaia***Castiarina hasenpuschi***Castiarina hawkeswoodi***Castiarina hemizostera***Castiarina jackhasenpuschi***Castiarina liliputana***Castiarina luteofusca***Castiarina octosignata***Castiarina prolata***Castiarina tenebrosa***Castiarina venusta***Maoraxia auroimpressa*****Nascioides falsomultesima****Calodema regalis****Cyphogastra farinosa*** ssp. *venerea***Metaxymorpha gloriosa**Metaxymorpha hauseri*****Nascioides falsomultesima****Castiarina kirbyi**Neocuris gracilis**Castiarina dimidiata**Diphucrania roseocuprea**

ERICACEAE

Heath or Heather Family

Leucopogon sp./spp.*Diphucrania aenigma*
*Melobasis uniformis***EUPHORBIACEAE**

Euphorbia or Spurge Family

Aleurites moluccana (L.) Willd.
Candlenut, Candleberry, Indian Walnut, Kemiri,
Varnish Tree, Nuez De La India, Buah Keras, Kukui Nut Tree*Cyphogastra pistor* ssp. *vulnerata***Claoxylon australe* Baill. ex Müll. Arg.
Brittlewood*Agrilus carterellus***Drypetes australascia* (J. Muell. (Pax ex Hoffm.))
[see *Drypetes deplanchei*]*Drypetes deplanchei* (Brongn. & Gris.) Merr.
= *Drypetes australascia* (J. Muell. (Pax ex Hoffm.))
Yellow Tulip, Grey Boxwood, White Myrtle,
Grey Bark, Yellow Tulipwood*Agrilus deauratus*
*Agrilus frenchi**
*Castiarina minuta***Mallotus paniculatus* (Lam.) Müll. Arg.
Turn in the Wind*Scaptelytra bellicosa****FABACEAE** (Leguminosae)

Legume Family

Acacia acuminata Benth.
Raspberry Jam Tree, Fine Leaf Jam, Raspberry Jam, Jam Tree*Agrilus echidna**Acacia acuminata* ssp. *burkittii* (Benth.) Kodela & Tindale
= *Acacia burkittii* Benth.
Burkitt's Wattle, Fine Leaf Jam, Gunderbluey,
Pin Bush, Sandhill Wattle*Agrilus koala**Acacia aneura* F. Muell.*Diadoxus erythrurus**Acacia aulacocarpa* A. Cunn. ex Benth.
Papua New Guinea Brown Wattle, new Guinea Wattle,
New Guinea Brown Wattle, Hickory Wattle,
Brush Iron Bark Wattle, Brown Wattle, Brown Salwood, Black Wattle*Diphucrania fulgidicollis*
*Neospades lateralis**Acacia bidwillii* Benth.
Dogwood*Chrysobothris queenslandica*
Chrysobothris sp. 2*
Cyphogastra pistor ssp. *pistor**
*Melobasis pusilla**Acacia blakelyi* Maiden*Diphucrania cyanea*

Acacia browni (Poir.) Steud.
Heath Wattle

Acacia burkittii Benth.
[see *Acacia acuminata* ssp. *burkittii*]

Acacia calamifolia Lindley
Wallowa

Acacia chalkeri Maiden
Chalker's Wattle

Acacia cincinnata F. Muell.
Scorpion Wattle

Acacia concurrens Pedley
Curracabah, Black Wattle

Acacia coolgardiensis Maiden
Sugar Brother, Spinifex Wattle

Acacia cyclops A. Cunn. ex G. Don
Red-eyed Wattle, Western Coastal Wattle

Acacia cyperophylla Benth.

Acacia dealbata Link
Silver Wattle, Mimosa

Acacia decurrens (Wendl.) Willd.
Acacia Bark, Early Black Wattle, Green Wattle,
Sydney Wattle, Wattle Bark, Tan Wattle,
Golden Teak, Brazilian Teak

Acacia doratoxylon A. Cunn.
Currawang, Lancewood, Spearwood

Castiarina rufipennis

Agrilus sundholmi
Julodimorpha bakewelli
Melobasis nervosa

Agrilus australasiae
Melobasis vittata

Diphucrania albosparsa
Melobasis apicalis
Melobasis purpurascens

Melobasis purpurascens

Astraeus major

Castiarina rufipennis
Melobasis vittata

Pseudotaenia spilota

Agrilus australasiae
Agrilus hypoleucus
Diphucrania pauperula
Diphucrania tasmanica
Diphucrania sp. 3
Melobasis fulgurans
Melobasis innocua
Melobasis nervosa
Melobasis purpurascens
Melobasis sp. 1
Melobasis sp. 11

Agrilus australasiae
Agrilus hypoleucus
*Castiarina violacea**
Diphucrania cupripennis
Diphucrania heroni
Diphucrania leucosticta
Diphucrania marmorata
Diphucrania scabrosula
Diphucrania sp. 1
Diphucrania sp. 10
Diphucrania sp. 14

Diadoxus erythrurus
Pseudotaenia waterhousei

- Acacia falcata* Willd.
Sickle Wattle
- Acacia filicifolia* Cheel & Welch
Fern-leaved Wattle
- Acacia floribunda* (Vent.) Willd.
Gossamer Wattle, Grossamer Wattle, Weeping Acacia,
White Sallow Wattle
- Acacia grasbyi* Maiden
Miniritchie
- Acacia greggii* var. *wrightii* (Benth.) Isley
- Acacia harpophylla* Benth.
Brigalow, Brigalow Spearwood, Orkor
- Acacia holosericea* A. Cinn. ex G. Don
Soapbush Wattle, Strap Wattle
- Acacia ingramii* Tindale
- Acacia irrorata* Sieb. ex Spreng.
Blueskin, Green Wattle
- Acacia juniperina* Willd.
[see *Acacia ulicifolia*]
- Acacia lasiocalyx* C.R.P. Andrews
Silver Wattle
- Acacia leiocalyx* (Domin) Pedley
Blackwattle, Early Flowering Black Wattle,
Lamb's Tail Wattle, Curracabah
- Acacia leptostachya* Benth.
Slender Wattle
- Acacia ligulata* Benth.
Umbrella Wattle, Umbrella Bush, Dune Wattle,
Sandhill Wattle, Small Cooba
- Acacia linifolia* (Vent.) Willd.
White Wattle, Flax-leaved Wattle
- Diphucrania heroni*
Diphucrania notulata
Diphucrania sp. 9
- Diphucrania leucosticta*
- Melobasis scabrosula***
- Pseudotaenia spilota***
- Chrysobothris octocola*
Paratyndaris chamaeleonis
- Agrilus mastersii*
Diphucrania ernestadamsi
Melobasis kanguluorum
Melobasis pusilla
Pseudotaenia ajax
- Diphucrania albosparsa*
Diphucrania regalis
*Pachycisseis bicolor**
- Melobasis purpurascens*
- Melobasis purpurascens***
- Pseudotaenia gigas***
- Agrilus mastersii***
Chrysobothris saundersii
Diphucrania cupripennis
Diphucrania laticollis
Melobasis vertebralis
Pseudotaenia waterhousei
- Diphucrania fulgidicollis*
- Agrilus assimilis* ssp. *assimilis*
- Castiarina spilota*
Diphucrania notulata

Acacia longiflora sic
[see ***Acacia longifolia***]

Acacia longifolia (Andrews) Willd.
= *Acacia longiflora* sic!
Sidney Golden Wattle

Acacia mangium Willd.
Black Wattle, Hickory Wattle, Mangium

Acacia mearnsii De Wild.

Acacia melanoxylon R. Br.
Australian Blackwood

Acacia mucronata Wendl.
Narrow-leaf Wattle

Diphucrania trimentula
Melobasis obscurella

Agrilus deauratus
Agrilus hypoleucus
Diphucrania acuducta
Diphucrania aenea
Diphucrania aurocyanea
Diphucrania cupreola
Diphucrania cupripennis (*scabrosula*?)
Diphucrania leucosticta
Diphucrania maculata
Diphucrania scabrosula
Diphucrania trimentula
Diphucrania sp. 2
Diphucrania sp. 6
Diphucrania sp. 9
Diphucrania sp. 11
Melobasis cupriceps
Melobasis naias
Melobasis obscurella
Melobasis purpurascens
Melobasis splendida
***Melobasis* sp. 2**
***Melobasis* sp. 3**
***Melobasis* sp. 4**
Melobasis sp. 12
Nascioides carissima
Synechocera deplana

Diphucrania fulgidicollis
Diphucrania regalis

Agrilus hypoleucus
Diphucrania sp. 2
Melobasis rotundicollis

*Agrilus funebris**
Austrochalcophora subfasciata*
Castiarina bremei*
*Diphucrania suehasenpuschae**
Diphucrania sp. 2
Melobasis purpurascens
Nascioides quadrinotata

Melobasis naias
Melobasis nervosa
Melobasis obscurella
Melobasis purpurascens
***Melobasis* sp. 1**

- Acacia obtusifolia*** A. Cunn.
Stiff Leaf Wattle
- Acacia oldfieldii*** F. Muell.
Wattle
- Acacia oswaldii*** F. Muell.
Umbrella Wattle, Umbrella Bush, Miljee, Nelia,
Middia, Curly Yarran, Whyacka
- Acacia papyrophylla* (nom. nud.?)
= possibly *Acacia papyrocarpa* Benth.
- Acacia parramattensis*** Tindale
Parramatta Wattle, Sydney Green Wattle
- Acacia pendula*** G. Don
Weeping Myall
- Acacia peuce*** F. Muell.
Waddy, Waddi, Waddy-wood, Birdsville Wattle
- Acacia pycnantha*** Benth.
Golden Wattle
- Acacia ramulosa*** W. Fitzg.
Bowgada, Wanderry Mulga, Horse Mulga
- Acacia retinodes*** Schltld.
Retinodes Water Wattle, Swamp Wattle, Wirilda,
Ever-blooming Wattle, Silver Wattle
- Acacia rostelifera*** Benth.
Summer-scented Wattle, Skunk Tree
- Acacia saligna*** (Labill.) Wendl.
Coojong, Golden Wreath Wattle, Orange Wattle,
Blue-leafed Wattle, Western Australian Golden Wattle
- Acacia sclerosperma*** F. Muell.
Limestone Wattle, Silver Bark Wattle
- Acacia shirleyi*** Maiden
Lancewood
- Diphucrania acuducta*
Diphucrania cupripennis
Diphucrania leucosticta
Diphucrania scabrosula
Melobasis fulgurans
- Melobasis hanloni*
Melobasis similis
- Agrilus kangaroo***
- Castiarina eyrensis*
- Agrilus australasiae*
Agrilus hypoleucus
Diphucrania marmorata
Diphucrania sp. 8
Diphucrania sp. 10
- Diphucrania armstrongi*
Melobasis myallae
- Chrysobothris subsimilis***
- Agrilus assimilis* ssp. *assimilis*
Agrilus hypoleucus
Diphucrania cupripennis
Diphucrania leucosticta
- Melobasis flavoaenea*
- Diphucrania chalcophora*
- Melobasis inflammata*
- Melobasis lathamii*
- Astraeus acaciae*
- Pseudotaenia waterhousei***

Acacia sophorae (Labill.) R. Br.
Coast Wattle

Agrilus australasiae
Agrilus hypoleucus
Diphucrania aenea
Diphucrania scabrosula
Melobasis nervosa
Melobasis purpurascens
***Melobasis* sp. 10**

Acacia spectabilis A. Cunn. ex Benth.
Glory Wattle, Pilliga Wattle, Golden Wattle

Agrilus australasiae
Agrilus hypoleucus
Melobasis abigailae

Acacia spilleriana J.E. Br.
Spiller's Wattle

Pachycisseis bicolor

Acacia 'stem'

Agrilus hypoleucus

Acacia terminalis (Salisb.) J.F. Macbr.
Sunshine Wattle

Melobasis purpurascens

Acacia trachyphloia Tindale
Bodalla Wattle, Golden Feather Wattle

Astraeus crassus

Acacia ulicifolia (Salisb.) Court.
= *Acacia juniperina* Willd.
Juniper Wattle, Prickly Moses

Castiarina rufipennis

Acacia sp./spp.

Agrilus australasiae
Agrilus deauratus
Agrilus koala
Agrilus wallaby
Astraeus acaciae
Castiarina verdiceps
Castiarina rufipennis
*Castiarina violacea**
Chrysobothris queenslandica
Chrysobothris saundersii
Chrysobothris subsimilis*
Diphucrania aenea
Diphucrania augustgoerlingi
Diphucrania cupreata
Diphucrania cupreicollis
Diphucrania fritilla
Diphucrania furfurosa
Diphucrania goldingi
Diphucrania leucosticta
Diphucrania montana
Diphucrania pulleni
Diphucrania nubeculosa
Diphucrania rubriceps
Diphucrania scabrosula
Diphucrania watkinsi
Diphucrania sp. 14
Melobasis amoena

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| | <i>Melobasis brevis</i> |
| | <i>Melobasis brittoni</i> |
| | <i>Melobasis burnsi</i> |
| | <i>Melobasis formosa</i> |
| | <i>Melobasis gloriosa</i> ssp. <i>gloriosa</i> |
| | <i>Melobasis goerlingi</i> |
| | <i>Melobasis hanloni</i> |
| | <i>Melobasis jacquelineae</i> |
| | <i>Melobasis janae</i> |
| | <i>Melobasis knowlesi</i> |
| | <i>Melobasis meyricki</i> |
| | <i>Melobasis nitidiventris</i> |
| | <i>Melobasis nudipectus</i> |
| | <i>Melobasis picticollis</i> |
| | <i>Melobasis powelli</i> |
| | <i>Melobasis propinqua</i> ssp. <i>verna</i> |
| | <i>Melobasis purpurilata</i> |
| | <i>Melobasis septemplagiata</i> |
| | <i>Melobasis similis</i> |
| | <i>Nascioides carissima</i> |
| | <i>Nascioides costata</i> |
| | <i>Nascioides multesima</i> |
| | <i>Neobubastes nickerli</i> |
| | <i>Pseudotaenia waterhousei</i> |
| | <i>Selagis caloptera</i>* |
| <i>Aotus ericoides</i> (Vent.) G. Don Common Aotus | <i>Melobasis propinqua</i> ssp. <i>verna</i> |
| <i>Atylosia reticulata</i> (Dryander) Benth. [see <i>Cantharospermum reticulatum</i>] | |
| <i>Barklya</i> sp./spp. | <i>Castiarina hilleri</i> |
| <i>Bauhinia monandra</i> Kurz Napoleon's Plume, Orchid Tree | <i>Calodema regalis</i> |
| <i>Bossiaea eriocarpa</i> Benth. Common Brown Pea | <i>Melobasis propinqua</i> ssp. <i>propinqua</i> |
| <i>Bossiaea rhombifolia</i> Sieber ex DC. Showy Bossiaea | <i>Diphucrania acuducta</i> <i>Melobasis apicalis</i> |
| <i>Bossiaea walkeri</i> F. Muell. Cactus Bossiaea, Cactus Pea | <i>Melobasis specularis</i> |
| <i>Cantharospermum reticulatum</i> (Dryand.) Taubert ex Ewart & Davies = <i>Atylosia reticulata</i> (Dryand.) Benth. | <i>Neospades chrysopygius</i> |
| <i>Cassia eremophila</i> Vogel Desert Cassia | <i>Melobasis sexplagiata</i> |
| <i>Chorizema</i> sp./spp. | <i>Melobasis rectipilosa</i> |

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| <i>Daviesia corymbosa</i> var. <i>virgata</i> (A. Cunn. ex Hook.) Ewart = <i>Daviesia virgata</i> A. Cunn. ex Hook. Narrow-leaf Bitter-pea | <i>Melobasis propinqua</i> ssp. <i>propinqua</i> |
| <i>Daviesia latifolia</i> R. Br. Hop Bitter-pea | <i>Diphucrania heroni</i> <i>Ethonion corpulentum</i> <i>Melobasis propinqua</i> ssp. <i>propinqua</i> |
| <i>Daviesia</i> sp. | <i>Melobasis gloriosa</i> ssp. <i>gloriosa</i> |
| <i>Delonix regia</i> (Hook.) Raf. # Royal Poinciana, Flamboyant | <i>Belionota prasina</i> |
| <i>Dillwynia brunioides</i> Meissner = <i>Pultenaea brunioides</i> (Meissner) J. Thompson | <i>Castiarina kirbyi</i> <i>Melobasis propinqua</i> ssp. <i>propinqua</i> |
| <i>Dillwynia floribunda</i> Sm. Parrot Pea | <i>Diphucrania acuducta</i> <i>Ethonion fissiceps</i> <i>Ethonion reichei</i> <i>Melobasis cruentata</i> <i>Melobasis propinqua</i> ssp. <i>propinqua</i> |
| <i>Dillwynia floribunda</i> var. <i>teretifolia</i> (DC.) Blakeley | <i>Diphucrania roseocuprea</i> <i>Ethonion corpulentum</i> |
| <i>Dillwynia glaberrima</i> Sm. Smooth Parrot Pea | <i>Ethonion jessicae</i> |
| <i>Dillwynia retorta</i> (Wendl.) Druce = <i>Dillwynia ericifolia</i> Sm. Eggs and Bacon, Heathy Parrot Pea | <i>Diphucrania acuducta</i> <i>Diphucrania notulata</i> <i>Diphucrania</i> sp. 4 <i>Ethonion corpulentum</i> <i>Ethonion fissiceps</i> <i>Ethonion jessicae</i> <i>Ethonion leai</i> <i>Ethonion maculatum</i> <i>Ethonion reichei</i> <i>Melobasis propinqua</i> ssp. <i>propinqua</i> |
| <i>Dillwynia sericea</i> A. Cunn. Showy Parrot Pea | <i>Ethonion leai</i> <i>Melobasis propinqua</i> ssp. <i>propinqua</i> |
| <i>Dillwynia</i> sp./spp. | <i>Dinocephalia cyaneipennis</i> <i>Diphucrania acuducta</i> <i>Diphucrania notulata</i> <i>Ethonion corpulentum</i> <i>Ethonion leai</i> <i>Ethonion reichei</i> <i>Melobasis propinqua</i> ssp. <i>porteri</i> |
| <i>Gastrolobium floribundum</i> S. Moore Wodjil Poison | <i>Melobasis uniformis</i> |

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| <i>Gastrolobium grandiflorum</i> F. Muell. Wallflower Poison | <i>Chalcophorotaenia quadriimpressa</i> |
| <i>Gastrolobium spinosum</i> Benth. Prickly Poison | <i>Melobasis uniformis</i> |
| <i>Gompholobium</i> sp./spp. | <i>Melobasis gloriosa</i> ssp. <i>gloriosa</i> |
| <i>Goodenia</i> sp./spp. | <i>Diphucrania roseocuprea</i> * |
| <i>Jacksonia scoparia</i> R. Br. Dogwood | <i>Castiarina decemmaculata</i> <i>Diphucrania acuducta</i> <i>Ethonion reichei</i> <i>Melobasis apicalis</i> <i>Melobasis cupriceps</i> <i>Melobasis jacquelinae</i> <i>Melobasis propinqua</i> ssp. <i>propinqua</i> <i>Melobasis</i> sp. 8 |
| <i>Jacksonia thesioides</i> A. Cunn. ex Benth. Broombush | <i>Diphucrania borealis</i> <i>Neospades simplex</i> |
| <i>Jacksonia</i> sp./spp. | <i>Astraeus flavopictus</i> <i>Diphucrania trimentula</i> <i>Ethonion maculatum</i> <i>Melobasis gloriosa</i> ssp. <i>gloriosa</i> |
| <i>Mirbelia seorsifolia</i> (F. Muell.) C.A. Gardner | <i>Melobasis regalis</i> ssp. <i>regalis</i> <i>Melobasis simulata</i> <i>Melobasis uniformis</i> |
| <i>Mirbelia</i> sp./spp. | <i>Melobasis gloriosa</i> ssp. <i>gloriosa</i> |
| <i>Otione</i> sp./spp. | <i>Melobasis propinqua</i> ssp. <i>depressa</i> |
| <i>Oxylobium aciculiferum</i> (F. Muell.) Benth. Shaggy Pea | <i>Melobasis cupriceps</i> <i>Meliboethon</i> sp. 1 |
| <i>Oxylobium</i> sp./spp. | <i>Diphucrania acuducta</i> * |
| <i>Petalostylis labicheoides</i> R. Br. Butterfly Bush | <i>Castiarina ashburtonensis</i> |
| <i>Phyllota grandiflora</i> Benth. Heath Phyllota | <i>Diphucrania acuducta</i> <i>Ethonion reichei</i> <i>Ethonion</i> sp. 1 |
| <i>Phyllota phyllicoides</i> (Sieber ex DC.) Benth. Common Phyllota | <i>Castiarina decemmaculata</i> <i>Diphucrania acuducta</i> <i>Melobasis propinqua</i> ssp. <i>propinqua</i> |
| <i>Platylobium</i> sp./spp. | <i>Melobasis propinqua</i> ssp. <i>verna</i> |

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| <i>Pultenaea acerosa</i> Benth. Bristly Bush-pea | <i>Ethonion corpulentum</i> |
| <i>Pultenaea blakelyi</i> J. Thompson | <i>Ethonion jessicae</i> |
| <i>Pultenaea brunioides</i> (Meissner) J. Thompson [see <i>Dillwynia brunioides</i>] | |
| <i>Pultenaea daphnoides</i> Wendl. Large-leaved Bush Pea | <i>Ethonion corpulentum</i> |
| <i>Pultenaea elliptica</i> Sm. | <i>Melobasis propinqua</i> ssp. <i>propinqua</i> |
| <i>Pultenaea ferruginea</i> Rudge = <i>Pultenaea ferruginea</i> var. <i>deanei</i> | <i>Ethonion reichei</i> |
| <i>Pultenaea ferruginea</i> var. <i>deanei</i> [see <i>Pultenaea ferruginea</i>] | |
| <i>Pultenaea flexilis</i> Sm. | <i>Ethonion jessicae</i> <i>Ethonion reichei</i> |
| <i>Pultenaea stipularis</i> Sm. Fine-leaf Bush Pea | <i>Ethonion reichei</i> |
| <i>Pultenaea subternata</i> H.B. Will. | <i>Melobasis propinqua</i> ssp. <i>propinqua</i> |
| <i>Pultenaea villosa</i> Willd. Hairy Bush Pea | <i>Melobasis propinqua</i> ssp. <i>propinqua</i> <i>Neocuris gracilis</i> |
| <i>Pultenaea</i> sp./spp. | <i>Castiarina kirbyi</i> * <i>Diphucrania acuducta</i> <i>Ethonion corpulentum</i> <i>Ethonion reichei</i> <i>Melobasis propinqua</i> ssp. <i>verna</i> |
| <i>Racosperma longifolium</i> (Andrews) Pedley [see <i>Acacia longifolia</i>] | |
| <i>Senna</i> sp./spp. | <i>Melobasis burnsi</i> <i>Diphucrania cupripennis</i> <i>Neospades viridis</i> |
| <i>Tephrosia astragaloides</i> Benth. | |
| <i>Urodon</i> sp./spp. | <i>Melobasis propinqua</i> ssp. <i>depressa</i> |
| <i>Viminaria denudata</i> (Vent.) Sm. [see <i>Viminaria juncea</i>] | |
| <i>Viminaria juncea</i> (Schrad.) Hoff. = <i>Viminaria denudata</i> (Vent.) Sm. Native Broom | <i>Diphucrania acuducta</i> <i>Melobasis cupriceps</i> |
| Jam Tree (<i>Acacia</i> sp.) | <i>Melobasis formosa</i> |

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| mimosa | <i>Helperella elata</i> |
| narrow-leaved <i>Acacia</i> spp. | <i>Neobubastes nickerli</i> |
| other bush peas (Fabaceae) | <i>Dinocephalia cyaneipennis</i> <i>Melobasis propinqua</i> ssp. <i>porteri</i> |
| red-flowered Fabaceae | <i>Diphucrania patricia</i> * |
| wattle [see <i>Acacia</i> sp./spp.] | <i>Diphucrania montana</i> <i>Melobasis picticollis</i> |

FAGACEAE

Beech Family

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| <i>Nothofagus cunninghamii</i> (Hook.) Oersted Myrtle Beech | <i>Nascioides quadrinotata</i> |
| <i>Nothofagus moorei</i> (F. Muell.) Krasser Antarctic Beech | <i>Melobasis hypocrita</i> <i>Melobasis ignipica</i> * <i>Nascioides macalpinei</i> <i>Nascioides tillyardi</i> |
| <i>Pelargonium scabrum</i> (L.) l'Herit. Rough-leaved Pelargonium, Three-pointed Pelargonium | <i>Acmaeodera congener</i> |

HALORAGACEAE

Watermilfoil Family

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| <i>Glischrocaryon roei</i> Endl. | <i>Diphucrania chlorota</i> |
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LAMIACEAE (Labiatae, Chloanthaceae)

Mint Family

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| <i>Dicrastylis georgei</i> Munir | <i>Castiarina quadrifasciata</i> <i>Castiarina uptoni</i> |
| <i>Dicrastylis</i> sp./spp. | <i>Castiarina markgoldingi</i> |

LECYTHIDACEAE

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| <i>Barringtonia calyptrata</i> R.Br. ex Meirs) R.Br. ex F. M. Bailey Cassowary Pine, Corned-Beef Wood, Mango Pine | <i>Cyphogastra farinosa</i> ssp. <i>venerea</i> * |
| <i>Planchonia careya</i> (F. Muell.) R. Knuth # Cocky Apple, Cockatoo Apple, Billygoat Plum | <i>Cyphogastra pistor</i> ssp. <i>pistor</i> <i>Cyphogastra pistor</i> ssp. <i>vulnerata</i> |

LORANTHACEAE

Mistletoe Family

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| <i>Amyema</i> sp./ssp. = <i>Loranthus</i> Mistletoe | <i>Hypocisseis ornata</i> |
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Loranthus sp./spp.
[see *Amyema* sp./ssp.]

Muellerina eucalyptoides (DC.) Barlow
= *Muellerina eucalyptifolia*

Nuytsia floribunda (Labill.) R. Br.
Christmas Tree

Nuytsia sp.

MALVACEAE

Mallow Family

Hibiscus rhodopetalus F. Muell. ex Benth.
(unresolved name)

Hibiscus tiliaceus L. #
Sea Hibiscus, Beach Hibiscus, Coastal (or Coast) Hibiscus,
Coastal (or Coast) Cottonwood, Green Cottonwood,
Native Hibiscus, Native Rosella, Cottonwood Hibiscus,
Kurrajong, Sea Rosemallow, Norfolk Hibiscus

Triumfetta bartramia L.
[see *Triumfetta rhomboidea*]

Triumfetta rhomboidea Jacq.
= *Triumfetta bartramia* L.
Chinese Burr

MYRSINACEAE

Myrsine Family

Aegiceras corniculatum (L.) Blanco
Black Mangrove, River Mangrove

MYRTACEAE

Myrtle Family

Castiarina producta

Calotemognatha yarrelli
Castiarina amabilis
Castiarina elongata
Castiarina filiformis
Castiarina occidentalis
Castiarina placida
Castiarina robusta
Castiarina rufipennis
Castiarina sanguinolenta
Neocuris discoflava
Neocuris sp. 1
Stigmodera sanguinosa
Temognatha lessonii
Temognatha obscuripennis
Temognatha reichei
Temognatha secularis

Melobasis gloriosa ssp. *gloriosa*

Neospades cruciata

Agrilus indigenus

Melobasis cyanipennis

Melobasis purpurascens

Acmena smithii (Poir.) Merr. & L.M. Perry
[see *Syzygium smithii*]

Acmena sp.
[see *Syzygium* sp.]

Agonis flexuosa (Spreng.) Schau.
Jervis Bay Afterdark, Peppermint Tree,
Australian Willow Myrtle

Agonis sp./spp.
Afterdark

Angophora bakeri C. Hall
Narrow-leaved or Small-leaved Apple

Angophora cordifolia Cav.
[see *Angophora hispida*]

Angophora costata (Gaertn.) Hochr. ex Britten
Smooth-barked Apple, Rose Gum, Rose Apple or Sydney Red Gum

Angophora floribunda (Sm.) Sweet.
Rough-barked Apple, Apple Box, Rusty Gum, Boondah

Angophora hispida (Sm.) Blaxell
= *Angophora cordifolia* Cav.
Dwarf Apple, Scrub Apple

Stigmodera cancellata
Stigmodera gratiosa
Stigmodera roei

Stigmodera cancellata
Stigmodera gratiosa

Castiarina bifasciata
Castiarina crenata
Castiarina cruenta
Castiarina kerremansi
Castiarina kirbyi
Castiarina scalaris
Castiarina vigilans
Stigmodera macularia
Temognatha variabilis

Temognatha obesissima ssp. *macqueeni*

Castiarina andersoni
Castiarina brutella
Castiarina kerremansi
Castiarina rectifasciata
Castiarina undulata
Selagis aurifera
Selagis caloptera
Temognatha thoracica
Temognatha variabilis

Castiarina amplipennis
Castiarina andersoni
Castiarina armata
Castiarina australasiae
Castiarina bella
Castiarina bifasciata
Castiarina brutella
Castiarina burchellii
Castiarina costata
Castiarina crenata
Castiarina cruenta
Castiarina cruentata
Castiarina erythroptera
Castiarina indistincta
Castiarina kerremansi

Castiarina kirbyi
Castiarina klugii
Castiarina luteipennis
Castiarina moribunda
Castiarina octomaculata
Castiarina octospilota
Castiarina parallela
Castiarina piliventris
Castiarina producta
Castiarina rufipennis
Castiarina scalaris
Castiarina semicincta
Castiarina sexguttata
Castiarina sexplagiata
Castiarina spilota
Castiarina spinolae
Castiarina subpura
Castiarina terminalis
Castiarina tricolor
Castiarina undulata
Castiarina vicina
Cyrioides imperialis
Diphucrania duodecimmaculata
Diphucrania notulata
Merimna atrata
Selagis aurifera
Selagis caloptera
Stigmodera jacquinotii
Stigmodera macularia
Temognatha affinis ssp. *affinis*
Temognatha grandis
Temognatha limbata
Temognatha suturalis
Temognatha variabilis
Torresita cuprifera

Angophora woodsiana F.M. Bail.
 Smudgy Apple

Castiarina guttaticollis
Castiarina insignis
Castiarina mustelamajor
Neocuris gracilis

Angophora sp./spp.

Castiarina mustelamajor
Castiarina producta
Castiarina sexplagiata
Castiarina tricolor
*Diphucrania leucosticta**
Nascioides carissima

Backhousia myrtifolia Hook. f. & Harv.
 Carrol, Carrol Ironwood, Neverbreak, Ironwood,
 Grey Myrtle, Australian Lancewood. Cinnamon Myrtle

Chrysobothris simplicifrons*
Nascioides pulcher
Neocuris gracilis
Neocuris sp. 3

Backhousia sciadophora F. Muell.
Shatterwood, Ironwood, Boomerang Tree, Curracabark

Baeckea behrii (Schltdl.) F. Muell.
Broom Heath Myrtle

Baeckea densifolia Sm.
[see ***Harmogia densifolia***]

Baeckea frutescens L.
Weeping Baeckea, Weeping Coast Myrtle

Baeckea imbricata (Gaertn.) Druce
Heath Myrtle, Spindly Baeckea

Baeckea stenophylla F. Muell.
Weeping Baeckea, Weeping Coast Myrtle

Baeckea virgata (J.R. Forst. & G. Forst.) Andrews
[see ***Sannantha virgata***]

Baeckea sp./spp.

Nascioides pulcher

Melobasis propinqua ssp. *verna*

Merimna atrata

Diphucrania notulata
Diphucrania obscura

Castiarina affabilis
Castiarina andersoni
Castiarina octospilota
Neocuris gracilis
Stigmodera macularia

Astraeus hanloni
Castiarina affabilis
Castiarina allensundholmi
*Castiarina analis**
*Castiarina ariel**
*Castiarina australasiae**
*Castiarina balteata**
Castiarina blackdownensis
*Castiarina brutella**
Castiarina castelnaudi
*Castiarina gibbicollis**
Castiarina gilberti
*Castiarina haswellis**
*Castiarina humeralis**
*Castiarina kanangra**
Castiarina leai
Castiarina lukini
*Castiarina ochreiventris**
*Castiarina parallelipennis**
*Castiarina spinolae**
*Castiarina straminea**
*Castiarina subpura**
*Castiarina variegata**
*Diphucrania roseocuprea**
Diphucrania trimentula
Melobasis propinqua ssp. *propinqua*
*Neocuris cuprilatera**
Temognatha obesissima ssp. *obesissima*
*Temognatha variabilis**

Callistemon paludosus F. Muell.

[see ***Callistemon siberi***]

Callistemon sieberi DC.

= *Callistemon paludosus* F. Muell.

River Bottlebrush

Callistemon sp./spp.

Calothamnus sp./spp.

Calycothrix tetragona (Labill.) F. Muell.

[see ***Calytrix tetragona***]

Calycothrix [see ***Calytrix***]

Calytrix tetragona Labill.

= *Calycothrix tetragona* (Labill.) F. Muell.

Fringe Myrtle

Calytrix sp./spp.

= *Calycothrix*

Chamelaucium uncinatum Schauer

Geraldton Wax

Chamelaucium sp./spp.

Corymbia gummifera (Gaertn.) K.D. Hill & L.A.S. Johnson

= *Eucalyptus gummifera* (Gaertn.) Hochr.

Red Bloodwood

Castiarina hilaris

Castiarina parvula

Castiarina sexguttata

Castiarina flavopicta

Julodimorpha bakewelli

Castiarina parallela

Castiarina adelaidae

*Castiarina decemmaculata**

Castiarina burchellii

Castiarina grata

*Castiarina pallidiventris**

Castiarina subtrifasciata

Castiarina vittata

Castiarina xanthopilosa

Castiarina chamelauci

Diphucrania viridipurpurea

Stigmodera cancellata

Stigmodera roei

Castiarina charientessa

Temognatha pubicollis

Calodema plebeia

Calodema regalis

Castiarina analis

Castiarina atronotata

Castiarina biguttata

Castiarina campestris

Castiarina erubescens

Castiarina neglecta

Castiarina rollei

Castiarina venusta

Castiarina viridiventris

Metaxymorpha gloriosa

Metaxymorpha hauseri

Selagis viridicyanea

Temognatha alternata

Temognatha carpentariae
Temognatha jansonii
Temognatha lobicollis
Temognatha maculiventris
Temognatha regia

Corymbia intermedia (R. Baker) K.D. Hill & L.A.S. Johnson
 = *Eucalyptus intermedia* R. Baker
 Pink Bloodwood

Calodema plebeia
Calodema regalis
Metaxymorpha gloriosa
*Metaxymorpha hauseri**

Corymbia polycarpa (F. Muell.) K.D. Hill & L.A.S. Johnson
 = *Eucalyptus polycarpa* F. Muell.
 Long-fruited Bloodwood

Castiarina andersoni
Castiarina atronotata
Castiarina auricollis
Castiarina cinnamomea
Castiarina erubescens
Castiarina octospilota
Castiarina viridiventris
Neospades simplex
Temognatha alternata
Temognatha excisicollis
Temognatha maculiventris

Corymbia tessellaris (F. Muell.) K.D. Hill & L.A.S. Johnson
 = *Eucalyptus viminalis* Labill.
 Manna Gum, White Gum, Ribbon Gum, Viminalis

Melobasis hypocrita
Melobasis innocua
Melobasis nervosa
Melobasis purpurascens
Melobasis sp. 5
Nascio vetusta
Nascioides parryi
Pseudanilara cupripes

Corymbia torelliana (F. Muell.) K.D. Hill & L.A.S. Johnson
 = *Eucalyptus torrelliana* F. Muell.
 Cadaga, Cadaghi, Gumtree, Torell's Eucalyptus

Castiarina octosignata
Castiarina rollei
Castiarina venusta

Eucalyptus acmenioides Schauer
 White Mahogany

Castiarina andersoni
Castiarina carinata
Castiarina cinnamomea
Castiarina doddi
Castiarina erubescens
Castiarina flavosignata
Castiarina octospilota
Castiarina sexcavata
Castiarina sexplagiata
Castiarina straminea
Castiarina vallisii
Selagis viridicyanea
Temognatha maculiventris
Temognatha regia

Eucalyptus albens Benth.
White Box

Eucalyptus amplifolia Naud.
Cabbage Gum

Eucalyptus baxteri (Benth.) J.M. Black
(as *E. capitellata*)

Eucalyptus calophylla R. Br. ex Lindl.
Bloodwood

Eucalyptus camaldulensis Dehn.
(as *E. rostrata* Schlect.)
Red River Gum

Eucalyptus cambageana Maiden
Dawson River Blackbutt

Eucalyptus capitellata Sm.
[see ***Eucalyptus baxteri***]

Eucalyptus crebra F. Muell.
Narrow-leaved Ironbark, Narrowleaf Red Ironbark

Eucalyptus cylindriflora Maiden ex Blakely
White Mallee

Eucalyptus drepanophylla F. Muell. ex Benth.
Narrow-leaved Ironbark

Eucalyptus fasciculosa F. Muell.
Pink Gum

Eucalyptus foecunda Shauer
= *Eucalyptus leptophylla* F. Muell. ex Miq.
Narrow-leaved Red Mallee, Coastal Dune Mallee

Temognatha sanguinocincta

Anilara anthaxoides
Chrysobothris mastersii
Chrysobothris sp. 1
Merimna atrata

Temognatha goryi

Nascio vetusta

Merimna atrata

Melobasis sexplagiata
Temognatha flavocincta

Pseudotaenia ajax

Anilara antiqua
Anilara nigrita
Pseudanilara cupripes

Castiarina mustelamajor
Temognatha chevrolatii
Temognatha duponti
Temognatha mniszecchii ssp. *mniszecchii*

Nascio simillima
Neospades simplex

Agrilus assimilis ssp. *assimilis*

Calotemognatha yarelli
Castiarina crockerae
Castiarina sexnotata
Castiarina subtincta
Temognatha bonvouloirii
Temognatha bruckii
Temognatha chalcodera
Temognatha chevrolatii
Temognatha ducalis
Temognatha duponti
Temognatha fusca
Temognatha grandis

- Eucalyptus globulus*** Labill.
Tasmanian Blue Gum, Southern Blue Gum, Blue Gum
- Eucalyptus goniocalyx*** F.Muell. ex Miq.
Spotted Mountain Gum
- Eucalyptus gracilis*** F. Muell.
Yorrell
- Eucalyptus gummifera* (Gaertn.) Hochr.
[see ***Corymbia gummifera***]
- Eucalyptus haemastoma*** Sm.
Scribbly Gum
- Eucalyptus hemiphloia* F. Muell. ex Benth.
[see ***Eucalyptus moluccana***]
- Eucalyptus intermedia* R. Baker
[see ***Corymbia intermedia***]
- Eucalyptus leptophylla* F. Muell. ex Miq.
[see ***Eucalyptus foecunda***]
- Eucalyptus leucoxylon*** F. Muell.
Yellow Gum, Blue Gum, White Ironbark
- Eucalyptus macrorhyncha*** F. Muell. ex Benth.
Red Gum, Red Stringybark, Cannons Stringybark,
Capertee Stringybark
- Eucalyptus melliodora*** A.Cunn. ex Schauer
Yellow Box
- Eucalyptus microcorys*** F. Muell.
Tallowwood
- Eucalyptus microtheca*** F. Muell.
Coolibah
- Temognatha heros***
Temognatha miranda
Temognatha mniszechii ssp. *mniszechii*
Temognatha murrayi
Temognatha parvicollis ssp. *andromeda*
Temognatha pictipes
Temognatha rectipennis
Temognatha secularis
Temognatha wimmerae ssp. *wimmerae*
- Nascioides parryi*
- Nascio vetusta***
- Astraeus hanloni*
Castiarina jekellii
Selagis aurifera
Temognatha fusca
Temognatha grandis
Temognatha heros
Temognatha mniszechii ssp. *mniszechii*
- Nascio vetusta***
- Temognatha flavocincta***
- Melobasis splendida***
- Chrysobothris* sp. 1
Merimna atrata
- Castiarina praetermissa***
- Pseudotaenia ajax*

Eucalyptus moluccana Roxb.
= *Eucalyptus hemiphloia* F. Muell. ex Benth.
Grey Box, Gum-topped Box

Calodema regalis
Castiarina auricollis
Castiarina campestris
Castiarina carinata
Castiarina cinnamomea
Castiarina erubescens
Castiarina planata
Castiarina rollei
Castiarina viridiventris
Chrysobothris sp. 1
Merimna atrata
Metaxymorpha gloriosa
Pseudotaenia ajax
Selagis viridicyanea
Temognatha macfarlani
Temognatha regia

Eucalyptus nitens (H. Deane & Maiden) Maiden
Shining Gum

Melobasis monticola

Eucalyptus obliqua L'Her.
Australian Oak, Brown Top, Brown Top Stringbark,
Messmate, Messmate Stringybark, Stringybark, Tasmanian Oak

Nascio vetusta

Eucalyptus obtusiflora A. Cunn. ex DC.
Dongarra Mallee

Castiarina bella
Castiarina skusei

Eucalyptus ochrophloia F. Muell.
Yellow Jacket, Yapunyah

Castiarina andersoni
Castiarina carinata
Castiarina cinnamomea
Castiarina doddi
Castiarina erubescens
Castiarina flavosignata
Castiarina sexplagiata
Castiarina straminea
Castiarina vallisii
Selagis viridicyanea
Temognatha maculiventris
Temognatha obesissima ssp. *obesissima*
Temognatha regia
Temognatha sanguinocincta

Eucalyptus oldfieldii F. Muell.
Oldfield's Mallee

Castiarina metallica

Eucalyptus oleosa F. Muell.
Red Mallee

Temognatha fusca
Temognatha grandis
Temognatha heros
Temognatha mitchellii
Temognatha mniszecchii ssp. *mniszecchii*

Eucalyptus paniculata Sm.
Grey Ironbark

Agrilus deauratus
Castiarina mustelamajor
Temognatha mitchellii

Eucalyptus phaeotricha Blakely & McKie
[see *Eucalyptus tindaliae*]

Eucalyptus piperita Sm.
Sydney Peppermint, Urn-fruited Peppermint

Temognatha variabilis

Eucalyptus polycarpa F. Muell.
[see *Corymbia polycarpa*]

Eucalyptus propinqua Deane & Maiden
Grey Gum, Small-fruited Grey Gum

Astraeus mastersii
Temognatha excisicollis

Eucalyptus punctata Sm.
Grey Gum

Melobasis splendida
Temognatha goryi

Eucalyptus racemosa Cav.
Scribbly Gum, Snappy Gum,
Narrow-leaved Scribbly Gum

Castiarina biguttata
Castiarina cinnamomea
Temognatha regia

Eucalyptus resinifera Sm.
Red Mahogany, Red Stringy Bark

Nascio simillima

Eucalyptus rostrata Schlect.
[see *Eucalyptus camaldulensis*]

Eucalyptus rudis Endl.
Flooded Gum

Melobasis sexplagiata

Eucalyptus saligna Sm.
Saligna Eucalyptus, Sydney Bluegum

Nascio vetusta

Eucalyptus sieberi L.A.S. Johnson
Silvertop Ash, Black Ash

Castiarina rufipennis
Torresita cuprifera

Eucalyptus striaticalyx W. V. Fitz.
Cue York Gum

Temognatha imperialis

Eucalyptus tereticornis Sm.
Forest Red Gum, Bastard Box, Blue Gum, Flooded Gum,
Grey Gum, Mountain Gum, Forest Red Gum, Queensland Blue Gum,
Red Gum, Red Ironbark, Red Irongum, Slaty Gum

Temognatha goryi

Eucalyptus tindaliae Blakely
= *Eucalyptus phaeotricha* Blakely & McKie
Tindale's Stringybark

Nascioides parryi

Eucalyptus torelliana F. Muell.
[see *Corymbia torelliana*]

Eucalyptus uncinata Turcz.
Hook-leaf Mallee

Calotemognatha yarelli ssp. *yarelli*
Temognatha bonvouloirii
Temognatha bruckii
Temognatha chalcodera
Temognatha chevrolatii

Eucalyptus wandoo Blakely
Wandoo, White Gum

Eucalyptus viminalis Labill.
[see ***Corymbia tessellaris***]

Eucalyptus sp./spp.
Sweet Gum, Mallee

Temognatha duponti
Temognatha fusca
Temognatha gigas
Temognatha grandis
Temognatha heros
Temognatha miranda
Temognatha mniszechii ssp. *mniszechii*
Temognatha murrayi
Temognatha oleata
Temognatha parvicollis ssp. *parvicollis*
Temognatha rectipennis

Diphucrania fascigera

Anilara obscura
Anilara pagana
Astraeus major
*Castiarina abdominalis**
*Castiarina acuticollis**
*Castiarina adelaidae**
Castiarina australasiae
*Castiarina bella**
Castiarina bifasciata
*Castiarina biguttata**
*Castiarina cincta**
Castiarina cruentata
*Castiarina decemmaculata**
Castiarina gilberti
*Castiarina hilaris**
Castiarina insularis
Castiarina kerremansi
*Castiarina latipes**
*Castiarina luteipennis**
*Castiarina minuta**
Castiarina mustelamajor
*Castiarina nasata**
*Castiarina oblita**
*Castiarina ochreiventris**
*Castiarina pallidipennis**
*Castiarina pertii**
Castiarina producta
*Castiarina punctatosulcata**
*Castiarina scintillata**
Castiarina sexplagiata
*Castiarina spinolae**
*Castiarina straminea**
*Castiarina subpura**
*Castiarina terminalis**
Castiarina tricolor
*Castiarina undulata**

| | |
|--|---|
| | <i>Chalcophorotaenia australasiae</i> |
| | <i>Chalcophorotaenia quadriimpressa</i> |
| | <i>Diphucrania duodecimmaculata</i> |
| | <i>Diphucrania rubriceps</i> |
| | <i>Julodimorpha bakewelli</i> |
| | <i>Melobasis gloriosa</i> ssp. <i>gloriosa</i> |
| | <i>Melobasis ignipicta</i> |
| | <i>Melobasis</i> sp. 7 |
| | <i>Nascio simillima</i> |
| | <i>Nascio vetusta</i> |
| | <i>Nascioides parryi</i> |
| | <i>Neocuris cuprilatera</i> * |
| | <i>Neocuris guerinii</i> |
| | <i>Neocuris viridimicans</i> |
| | <i>Pseudanilara piliventris</i> |
| | <i>Pseudanilara purpureicollis</i> |
| | <i>Pseudotaenia ajax</i> |
| | <i>Scaptelytra albivittis</i> |
| | <i>Selagis caloptera</i> * |
| | <i>Stigmodera gratiosa</i> |
| | <i>Stigmodera macularia</i> |
| | <i>Temognatha chevrolatii</i> |
| | <i>Temognatha flavomarginata</i> |
| | <i>Temognatha goryi</i> |
| | <i>Temognatha heros</i> |
| | <i>Temognatha latithorax</i> * |
| | <i>Temognatha marginalis</i> |
| | <i>Temognatha maculiventris</i> * |
| | <i>Temognatha miranda</i> |
| | <i>Temognatha obesissima</i> ssp. <i>obesissima</i> |
| | <i>Temognatha obscuripennis</i> |
| | <i>Temognatha pubicollis</i> |
| | <i>Temognatha spencii</i> * |
| | <i>Temognatha variabilis</i> |
| | |
| <i>Eugenia smithii</i> var. <i>minor</i> Maiden [see <i>Syzygium smithii</i>] | |
| | |
| <i>Harmogia densifolia</i> (Sm.) Schauer = <i>Baeckea densifolia</i> Sm. | <i>Castiarina australasiae</i> |
| | |
| <i>Homalocalyx</i> sp./spp. = <i>Wehlia</i> sp. | <i>Castiarina elderi</i> |
| | |
| <i>Hypocalymma angustifolium</i> (Endl.) Schauer White Myrtle | <i>Castiarina crocicolor</i> |
| | |
| <i>Kunzea ambigua</i> (Sm.) Druce White Kunzea, Poverty Bush or Tick Bush | <i>Astraeus hanloni</i> <i>Castiarina australasiae</i> <i>Castiarina bella</i> <i>Castiarina bifasciata</i> <i>Castiarina costata</i> <i>Castiarina crenata</i> <i>Castiarina cruentata</i> |

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| | <i>Castiarina decemmaculata</i> |
| | <i>Castiarina erythroptera</i> |
| | <i>Castiarina flavopicta</i> |
| | <i>Castiarina imitator</i> |
| | <i>Castiarina klugii</i> |
| | <i>Castiarina octospilota</i> |
| | <i>Castiarina parallela</i> |
| | <i>Castiarina rufipennis</i> |
| | <i>Castiarina scalaris</i> |
| | <i>Castiarina sexguttata</i> |
| | <i>Castiarina sexplagiata</i> |
| | <i>Castiarina subpura</i> |
| | <i>Castiarina tricolor</i> |
| | <i>Neocuris gracilis</i> |
| | <i>Neocuris guerinii</i> |
| | <i>Pseudanilara cupripes</i> |
| | <i>Stigmodera macularia</i> |
| | |
| <i>Kunzea ericoides</i> (A. Rich.) J. Thompson | <i>Astraeus hanloni</i> |
| = <i>Leptospermum phyllicoides</i> (A. Cunn. ex Schauer) Cheel | <i>Castiarina armata</i> |
| Kânuka, White Tea Tree, Burgan | <i>Castiarina decemmaculata</i> |
| | <i>Castiarina delta</i> |
| | <i>Castiarina erythroptera</i> |
| | <i>Castiarina nasata</i> |
| | <i>Castiarina octospilota</i> |
| | <i>Castiarina rufipennis</i> |
| | <i>Castiarina sexplagiata</i> |
| | <i>Castiarina spinolae</i> |
| | <i>Diphucrania vicina</i> |
| | <i>Selagis caloptera</i> |
| | <i>Stigmodera macularia</i> |
| | <i>Torresita cuprifera</i> |
| | |
| <i>Kunzea</i> sp./spp. | <i>Calodema regalis</i> * |
| | <i>Castiarina balteata</i> * |
| | <i>Castiarina cydista</i> * |
| | <i>Castiarina goodingi</i> * |
| | <i>Castiarina hilaris</i> * |
| | <i>Castiarina humeralis</i> * |
| | <i>Castiarina insignis</i> * |
| | <i>Castiarina kanangra</i> * |
| | <i>Castiarina luteipennis</i> * |
| | <i>Castiarina mima</i> * |
| | <i>Castiarina minuta</i> * |
| | <i>Castiarina oblita</i> * |
| | <i>Castiarina octomaculata</i> * |
| | <i>Castiarina praetermissa</i> * |
| | <i>Castiarina producta</i> * |
| | <i>Castiarina pulchripes</i> * |
| | <i>Castiarina scalaris</i> * |
| | <i>Castiarina tricolor</i> |
| | <i>Diphucrania viridiceps</i> * |
| | <i>Neocuris guerinii</i> |
| | <i>Temognatha pubicollis</i> |

Leptospermum attenuatum Sm.

[see *Leptospermum trinervium*]

Leptospermum brevipes F. Muell.

Slender Tea Tree, Grey Tea Tree

Leptospermum coriaceum (F. Muell. ex Miq.) Cheel

Green Tea Tree

Leptospermum flavescens Sm.

Tea Tree, Leptospermum

Melobasis propinqua ssp. *propinqua*

Castiarina creta

Diphucrania aenigma

Anilara sp. 2

Castiarina alternecosta

Castiarina amplipennis

Castiarina andersoni

Castiarina australasiae

Castiarina balteata

Castiarina bella

Castiarina bifasciata

*Castiarina binotata**

Castiarina bremeri

Castiarina brutella

Castiarina burchellii

Castiarina coeruleipes

Castiarina commixta

Castiarina costata

Castiarina costipennis

Castiarina crenata

Castiarina cruenta

Castiarina cruentata

Castiarina cupricollis

Castiarina cydista

Castiarina decemmaculata

Castiarina delectabilis

*Castiarina deyrollei**

Castiarina discoidea

Castiarina erythroptera

Castiarina flavopurpurea

Castiarina flavopicta

*Castiarina flavosignata**

Castiarina gentilis

Castiarina grata

Castiarina hoffmanseggii

Castiarina ignota

Castiarina imitator

Castiarina indistincta

Castiarina kerremansi

Castiarina kershawi

Castiarina kirbyi

Castiarina klugii

Castiarina luteipennis

Castiarina moribunda

Castiarina nasata

Castiarina neglecta

Castiarina octomaculata

Castiarina octospilota

Castiarina parallela
Castiarina piliventris
Castiarina praetermissa
Castiarina producta
Castiarina puella
Castiarina pulchripes
*Castiarina pulla**
*Castiarina punctatissima**
Castiarina rectifasciata
Castiarina rufipennis
Castiarina scalaris
Castiarina sexguttata
Castiarina sexplagiata
Castiarina skusei
Castiarina spilota
Castiarina spinolae
Castiarina subgrata
Castiarina subpura
Castiarina terminalis
Castiarina thomsoni
Castiarina tricolor
Castiarina undulata
Castiarina variopicta
Castiarina victoriensis
Dinocephalia cyaneipennis
Diphucrania acuducta
Diphucrania cupripennis
Diphucrania maculata
Diphucrania nitidiventris
Diphucrania notulata
Diphucrania scabrosula
Diphucrania vicina
Diphucrania sp. 7
Diphucrania sp. 8
Hypocisseis suturalis
Melobasis purpurascens
Neocuris anthaxoides
Neocuris cuprilatera
Neocuris gracilis
Neocuris guerinii
Neocuris sp. 2
Neocuris sp. 3
Neocuris sp. 4
Pachycisseis bicolor
Stigmodera jacquinotii
Stigmodera macularia
Temognatha limbata
Temognatha variabilis
Torresita cuprifera

Leptospermum grandifolium Sm.
 Woolly-tea Tree

*Castiarina bifasciata**

Leptospermum juniperinum Sm.

Castiarina bifasciata

Prickly Tea Tree

Castiarina dimidiata
Castiarina octospilota
Castiarina sexplagiata
Castiarina skusei
Neocuris gracilis

Leptospermum lanigerum (Aiton) Sm.
 Woolly Tea Tree, Silky Tea Tree

Castiarina flavopicta
Castiarina flavoviridis
Castiarina helmsi
Diphucrania sp. 5

Leptospermum morrisonii J. Thompson
 Large-leaf Yellow Tea Tree

Castiarina australasiae
Castiarina bella
Castiarina bremeri
Castiarina brutella
Castiarina deyrollei
Castiarina flavopicta
Castiarina hoffmanseggi
Castiarina imitator
Castiarina kershawi
Castiarina kirbyi
Castiarina klugi
Castiarina lisaejessicae
Castiarina rectifasciata
Castiarina scalaris
Castiarina semicincta
Castiarina sexplagiata
Castiarina skusei
Castiarina subgrata
Diphucrania sp. 12
Diphucrania sp. 13
Temognatha limbata
Temognatha suturalis
Temognatha variabilis

Leptospermum myrsinoides Schltld.
 Silky Tea Tree, Heath Tea Tree

Castiarina burchellii
Castiarina xanthopilosa

Leptospermum myrtifolium Sieber ex DC.
 Silver Sheen

Castiarina octospilota
Castiarina rufipennis
Diphucrania vicina

Leptospermum parvifolium Sm.
 Small Leaf Tea Tree

Castiarina decemmaculata
Castiarina kirbyi
Castiarina parallela
Castiarina sexplagiata

Leptospermum phyllicoides (A. Cunn. ex Schauer) Cheel
 [see ***Kunzea ericoides***]

Leptospermum polygalifolium Salisb.
 Tanton

Castiarina amplipennis
Castiarina armata
Castiarina australasiae
Castiarina bella

| | |
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| | <i>Castiarina bifasciata</i> |
| | <i>Castiarina cruentata</i> |
| | <i>Castiarina deyrollei</i> |
| | <i>Castiarina erythroptera</i> |
| | <i>Castiarina kanangara</i> |
| | <i>Castiarina kerremansi</i> |
| | <i>Castiarina kershawi</i> |
| | <i>Castiarina oblita</i> |
| | <i>Castiarina octospilota</i> |
| | <i>Castiarina parallela</i> |
| | <i>Castiarina praetermissa</i> |
| | <i>Castiarina producta</i> |
| | <i>Castiarina rectifasciata</i> |
| | <i>Castiarina rufipennis</i> |
| | <i>Castiarina scalaris</i> |
| | <i>Castiarina semicincta</i> |
| | <i>Castiarina sexplagiata</i> |
| | <i>Castiarina skusei</i> |
| | <i>Castiarina subgrata</i> |
| | <i>Castiarina thomsoni</i> |
| | <i>Castiarina variopicta</i> |
| | <i>Cyrioides imperialis</i> |
| | <i>Dinocephalia cyaneipennis</i> |
| | <i>Melobasis purpurascens</i> |
| | <i>Neocuris anthaxoides</i> |
| | <i>Neocuris coerulans</i> |
| | <i>Neocuris crassa</i> |
| | <i>Neocuris cuprilatera</i> |
| | <i>Neocuris gracilis</i> |
| | <i>Stigmodera macularia</i> |
| | <i>Torresita cuprifera</i> |
| | |
| <i>Leptospermum rupestre</i> Hook. f. Alpine Tea Tree | <i>Castiarina macquillani</i> |
| | |
| <i>Leptospermum scoparium</i> J.R. & G. Forster Manuka, Tea Tree | <i>Castiarina ocelligera</i> <i>Castiarina rufipennis</i> <i>Nascioides parryi</i> |
| | |
| <i>Leptospermum squarrosum</i> Gaertn. Pink Tea Tree, Peach Blossom Tea Tree | <i>Diphucrania</i> sp. 8 |
| | |
| <i>Leptospermum trinervium</i> (Sm.) Joy Thomps. = <i>Leptospermum attenuatum</i> Sm. Flaky-barked Tea Tree, Slender Tea Tree | <i>Castiarina australasiae</i> <i>Castiarina decemmaculata</i> <i>Castiarina kirbyi</i> <i>Castiarina octospilota</i> <i>Castiarina parallela</i> <i>Castiarina scalaris</i> <i>Castiarina sexplagiata</i> <i>Castiarina skusei</i> <i>Castiarina subpura</i> <i>Castiarina tricolor</i> <i>Castiarina vicina</i> <i>Diphucrania notulata</i> |

Leptospermum whitei Cheel
White's Tea Tree

Leptospermum sp./spp.
Tea Tree

Neocuris gracilis
Stigmodera macularia
Temognatha sp. 1

Neocuris gracilis
Torresita cuprifera

Agrilus echidna

Agrilus hypoleucus
Anilara obscura
*Calodema regalis**
Castiarina affabilis
*Castiarina alectemmleri**
*Castiarina alternecosta**
Castiarina anchoralis
Castiarina andersoni
*Castiarina argillacea**
Castiarina aurea
Castiarina australasiae
Castiarina bella
Castiarina bremeri
Castiarina bifasciata
Castiarina castelnaudi
Castiarina commixta
Castiarina costata
Castiarina costipennis
Castiarina crocicolor
Castiarina cruentata
Castiarina cupida
Castiarina cupricollis
*Castiarina cydista**
Castiarina decemmaculata
Castiarina denmanensis
*Castiarina dequeti**
Castiarina diversa
*Castiarina eborica**
Castiarina elongata
Castiarina erythroptera
Castiarina flavopicta
Castiarina flavopurpurea
Castiarina garrawillae
Castiarina gilberti
*Castiarina goodingi**
Castiarina grata
Castiarina helmsi
*Castiarina hilaris**
*Castiarina humeralis**
Castiarina imitator
*Castiarina inconspicua**
*Castiarina insignis**
Castiarina insularis
*Castiarina jeanae**
Castiarina jubata
Castiarina kerremansi

Castiarina kershawi
*Castiarina kiatae**
Castiarina laena
Castiarina leai
*Castiarina liliputana**
*Castiarina luteipennis**
Castiarina minuta
*Castiarina mustelamajor**
Castiarina nasata
*Castiarina oblita**
Castiarina ocelligera
*Castiarina ochreiventris**
Castiarina octomaculata
Castiarina octospilota
Castiarina pallidiventris
Castiarina parallela
*Castiarina parallelipennis**
Castiarina pearsoni
Castiarina pertii
Castiarina praetermissa
*Castiarina punctatosulcata**
Castiarina rudis
Castiarina rufipennis
*Castiarina rutila**
Castiarina sanguinolenta
Castiarina scalaris
Castiarina semicincta
Castiarina sexguttata
Castiarina sexplagiata
*Castiarina sexualis**
*Castiarina simulata**
Castiarina skusei
*Castiarina subpura**
Castiarina subtrifasciata
*Castiarina subvicina**
*Castiarina supergrata**
Castiarina tasmaniensis
Castiarina thomsoni
Castiarina tricolor
*Castiarina tyrrhena**
Castiarina undulata
*Castiarina variegata**
Castiarina variopicta
Castiarina vicina
*Castiarina vittata**
*Castiarina watkinsi**
Castiarina wilsoni
*Castiarina zecki**
Cyrioides imperialis
Diphucrania acuducta
*Diphucrania duodecimmaculata**
Diphucrania maculata
*Diphucrania minutissima**
Diphucrania nitidiventris

| | |
|---|--|
| | <i>Diphucrania oblonga</i> |
| | <i>Diphucrania roseocuprea</i> * |
| | <i>Diphucrania viridiceps</i> * |
| | <i>Diphucrania</i> sp. 8 |
| | <i>Ethonion corpulentum</i> |
| | <i>Ethonion reichei</i> |
| | <i>Melobasis cuprifera</i> |
| | <i>Melobasis propinqua</i> ssp. <i>propinqua</i> |
| | <i>Melobasis propinqua</i> ssp. <i>verna</i> |
| | <i>Stigmodera cancellata</i> |
| | <i>Stigmodera gratiosa</i> |
| | <i>Stigmodera macularia</i> |
| | <i>Stigmodera sanguinosa</i> |
| | <i>Synechocera deplana</i> |
| | <i>Temognatha donovani</i> * |
| | <i>Temognatha gemmelli</i> * |
| | <i>Temognatha. grandis</i> |
| | <i>Temognatha mitchellii</i> |
| | <i>Temognatha obesissima</i> ssp. <i>obesissima</i> |
| | <i>Temognatha sexmaculata</i> |
| | <i>Temognatha thoracica</i> * |
| | <i>Temognatha variabilis</i> |
| Lilly Pilly (<i>Syzygium</i> sp.) | <i>Nascioides pulcher</i> |
| <i>Melaleuca acuminata</i> F. Muell. Mallee Honey-myrtle | <i>Calotemognatha yarelli</i> |
| <i>Melaleuca armillaris</i> (Sol. ex Gaertn.) Sm. Bracelet Honey Myrtle | <i>Castiarina pertii</i> <i>Selagis aurifera</i> ssp. <i>aurifera</i> |
| <i>Melaleuca decora</i> (Solander ex Gaetner) Smith White Feather Honey-myrtle | <i>Anilara convexa</i> |
| <i>Melaleuca glomerata</i> F. Muell. Desert Honey Myrtle | <i>Astraeus aridus</i> <i>Astraeus badeni</i> |
| <i>Melaleuca huegelii</i> Endl. Chenille Honey-myrtle | <i>Castiarina galactica</i> |
| <i>Melaleuca linariifolia</i> Sm. Snow-in-Summer, Narrow-leaved Paperbark, Flax-leaved Paperbark, Budjur | <i>Castiarina alternecosta</i> * |
| <i>Melaleuca parvifolia</i> Otto [see <i>Melaleuca thymifolia</i>] | <i>Castiarina gilberti</i> <i>Stigmodera macularia</i> |
| <i>Melaleuca pauperiflora</i> F. Muell. | <i>Castiarina mustelamajor</i> <i>Temognatha heros</i> |
| <i>Melaleuca stypheloides</i> Sm. Prickly-leaved Paperbark, Prickly Paperbark | <i>Temognatha affinis</i> * |
| <i>Melaleuca thymifolia</i> Sm. | <i>Calotemognatha yarelli</i> |

= *Melaleuca parvifolia* Otto
Feather Honey Myrtle, Thyme-leaved Honey Myrtle

Melaleuca uncinata R. Br.
Broombush, Broom Honey Myrtle

Castiarina distantia
Temognatha heros

Melaleuca viridiflora Sol. ex Gaertn.
Broad Leaved Paperbark; Broad-leaved Tea Tree;
Broad-leaved Teatree; Greenflowered Paperbark; Paperbark;
Paperbark Tea Tree; Paperbark Tree; Swamp Tea Tree; White Tea Tree

*Bubastes cylindrica**
*Bubastes suturalis**

Melaleuca sp./spp.

Astraeus badeni
*Castiarina burchelli**
*Castiarina crenata**
Castiarina cupida
*Castiarina duaringae**
Castiarina pertii
Castiarina stellata
Chalcophorotaenia castanea
Diphucrania corpulenta
*Diphucrania minutissima**
Melobasis gloriosa ssp. *gloriosa*
Melobasis robusta
Stigmodera gratiosa
Stigmodera roei
Stigmodera sanguinosa
Temognatha chevrolatii
Temognatha lessonii
*Torresita cuprifera**

Metrosideros sp./spp.

Nascio vetusta

Micromyrtus hexamera (Maiden & Betche) Maiden & Betche
= *Thryptomene hexamera* Maiden & Betche

Castiarina bugejiana

Micromyrtus sessilis J.W. Green
Granite Heath

Astraeus hanloni

Micromyrtus sp./spp.
= *Thryptomene* sp./spp.

Castiarina aurantia
Castiarina michaelpowelli

Rhodomyrtus psidioides (G. Don) Benth.
Native Guava

Pseudanilara cupripes
Torresita cuprifera

Sannantha virgata (J.R. Forst. & G. Forst.) Peter G. Wilson
= *Baeckea virgata* (J.R. Forst. & G. Forst.) Andrews
Tall Baeckea

*Castiarina testacea**

Scholtzia sp./spp.

Castiarina aurantia

Syzygium floribundum F. Muell.
= *Waterhousea floribunda* (F. Muell.) Hyland

*Castiarina andersoni**
*Castiarina ariel**

Weeping Lilly Pilly, Weeping Myrtle

*Castiarina gentilis**
*Castiarina insignis**
*Castiarina liliputana**
*Castiarina minuta**
*Castiarina praetermissa**
*Castiarina producta**
Castiarina pulchripes
*Castiarina sexguttata**
*Castiarina spinolae**
*Castiarina williamsi**
*Diphucrania watkinsi**
*Maoraxia auroimpressa**
*Melobasis splendida**
Pseudanilara cupripes
*Selagis aurifera**
Selagis splendens
*Torresita cuprifera**

Syzygium guineense (Willd.) DC.
 Waterberry

Anadora silvatica

Syzygium smithii (Poir.) Nied.
 = *Acmena smithii* (Poir.) Merr. & L.M. Perry
 = *Eugenia smithii* var. *minor* Maiden
 Lilly Pilly

*Castiarina alternecosta**
*Castiarina amplipennis**
*Castiarina decemmaculata**
*Castiarina delta**
*Castiarina gentilis**
*Castiarina insignis**
*Castiarina liliputana**
*Castiarina minuta**
*Castiarina producta**
*Castiarina pulchripes**
*Castiarina rufipennis**
*Castiarina sexguttata**
*Castiarina undulata**
Diphucrania watkinsi
*Maoraxia auroimpressa**
Nascioides pulcher
*Selagis splendens**

Syzygium sp./spp.
 = *Acmena* sp.
 Lilly Pilly

*Calodema plebeia**
Calodema regalis
Castiarina beatrix
*Castiarina humeralis**
Metaxymorpha gloriosa
*Metaxymorpha hauseri**
Nascioides costata
Nascioides pulcher

Thryptomene denticulata (F. Muell.) Benth.
 Thryptomene

Castiarina bucolica

Thryptomene hexamera Maiden & Betche
 [see ***Micromyrtus hexamera***]

Thryptomene sp./spp.

[see *Micromyrtus* sp./spp.]

Tristaniopsis laurina (Sm.) P.G. Wilson & J.T. Waterhouse

Water Gum, Kanooka

*Calodema regalis**

*Castiarina delta**

*Castiarina insignis**

*Castiarina liliputana**

*Castiarina minuta**

*Castiarina producta**

*Castiarina sexguttata**

Metaxymorpha grayii

Tristaniopsis sp./spp.

Diphucrania scabiosa

Verticordia forrestii F. Muell.

Forrest's Featherflower

Castiarina forresti

Waterhousea floribunda (F. Muell.) Hyland

[see *Syzygium floribundum*]

Xanthostemon whitei Gugerli

Red Penda, Atherton Penda

*Scaptelytra bellicosa**

flowers of eucalypts and other myrtaceous shrubs

Castiarina castelnaudi

flowers of myrtaceous plants

Castiarina vegeta

small gum trees (*Eucalyptus* sp.)

Diphucrania duodecimmaculata

PITTOSPORACEAE

Bursaria spinosa (Cav.) Druce.

Sweet Bursaria

Astraeus crassus

*Castiarina andersoni**

*Castiarina athertonensis**

Castiarina australasiae

Castiarina bifasciata

*Castiarina biguttata**

*Castiarina bimaculata**

*Castiarina carinata**

Castiarina costalis

Castiarina cruenta

Castiarina delectabilis

Castiarina flavopicta

*Castiarina garnetensis**

Castiarina hilaris

*Castiarina indigesta**

*Castiarina inermis**

Castiarina inflata

Castiarina jucunda

*Castiarina loriae**

Castiarina melrosensis

*Castiarina mustelamajor**

Castiarina oblita

*Castiarina obsepta**
Castiarina ocelligera
*Castiarina phaeorrhaea**
*Castiarina puella**
*Castiarina quadriplagiata**
Castiarina rectifasciata
Castiarina rufipennis
Castiarina scalaris
Castiarina thomsoni
*Castiarina tigris**
Castiarina virginea
*Castiarina viridiventris**
*Castiarina walfordi**
Castiarina wilsoni
Neocuris gracilis
Selagis caloptera
Selagis splendens
*Temognatha carpentariae**
Temognatha congener
*Temognatha duboulayi**
Temognatha gordonburnsi
*Temognatha macfarlani**
Temognatha mitchellii
*Temognatha nickerli**
*Temognatha vitticollis**

Bursaria sp./ssp.

*Castiarina andersoni**
Dinocephalia thoracica
Diphucrania trimentula

PROTEACEAE

Protea Family

Adenanthos sp./ssp.

Melobasis gloriosa ssp. *gloriosa*

Banksia attenuata R. Br.
 Candlestick Banksia, Slender Banksia*

Cyrioides vittigera
Diphucrania macmillani

Banksia cirsioides (Meisn.) A.R. Mast & K.R. Thiele
 = *Dryandra cirsioides* Meisn.

Astraeus meyricki

Banksia ericifolia L. f.
 Heath-leaved Banksia, Lantern Banksia, Heath Banksia

Cyrioides imperialis

Banksia integrifolia L. f.
 Coast Banksia, Native Honeysuckle

Cyrioides imperialis

Banksia marginata Cav.
 Silver Banksia

Cyrioides imperialis
Melobasis purpurascens

Banksia prinatoes Lindl.
 Acorn Banksia, Orange Banksia

Astraeus prothoracicus

Banksia serrata L. f.

Cyrioides imperialis

Old Man Banksia, Saw Banksia, Saw-tooth Banksia,
Red Honeysuckle

Banksia spinulosa Sm.

Hairpin Banksia

Banksia sp./spp.

Cyrioides imperialis
Cyrioides australis
Cyrioides imperialis
Cyrioides vittigera
Diphucrania adusta

Buckinghamia celcissima F. Muell.

Buckinghamia Silky Oak, Ivory Curl, Ivory
Curl Flower, Spotted Silky Oak*

Calodema plebeia
Calodema regalis
*Castiarina aglaia**
*Castiarina erubescens**
*Castiarina liliputana**
*Castiarina rollei**
Metaxymorpha gloriosa
*Metaxymorpha hauseri**

Cardwellia sublimis F. Muell.

Bull Oak, Lacewood, Northern Silky Oak, Silky Oak

*Castiarina aglaia**
*Castiarina hasenpuschi**
*Castiarina hawkeswoodi**
*Castiarina hemizostera**
*Castiarina jackhasenpuschi**
*Castiarina liliputana**
*Castiarina luteofusca**
*Castiarina octosignata**
*Castiarina prolata**
*Castiarina tenebrosa**
*Castiarina venusta**

Conospermum taxifolium C.F. Gaertn.

Variable Smoke-bush

Castiarina crenata
Castiarina sexplagiata

Conospermum sp./spp.

*Castiarina jucunda**
*Neocuris guerini**

Darlingia darlingiana (F. Muell.) L.A.S. Johnson

Brown Silky Oak, Silky Oak, Rose Silky Oak*

Castiarina liliputana

Dryandra cirsioides Meisn.

[see ***Banksia cirsioides***]

Grevillea baileyana McGill.

White Oak, Bailey's Silky Oak, Findlay's Silky Oak*

Castiarina aglaia
*Castiarina hawkeswoodi**
*Castiarina liliputana**
*Castiarina rollei**
Metaxymorpha gloriosa

Grevillea eriostachya Lindl.

Yellow Flame Grevillea

Diadoxus erythrurus

Grevillea juncifolia Hook.

Honeysuckle Grevillea

Stanwatkinsius amanda

| | |
|--|---|
| <i>Grevillea nematophylla</i> F. Muell. Water Bush | <i>Castiarina thurmerae</i> |
| <i>Grevillea pinaster</i> Meisn. <i>Grevillea pterosperma</i> F. Muell. Desert Spider Flower, Dune Grevillea | <i>Astraeus goldingi</i> <i>Castiarina keyzeri</i> |
| <i>Grevillea</i> sp./spp. | <i>Castiarina allensundholmi</i> <i>Castiarina crenata</i> <i>Castiarina vittata</i> <i>Chalcophorotaenia australasiae</i> <i>Diphucrania rubriceps</i> <i>Stanwatkinsius constrictus</i> <i>Stanwatkinsius crassus</i> <i>Stanwatkinsius grevilleae</i> <i>Temognatha gordonburnsi</i> <i>Temognatha pubicollis</i> |
| <i>Hakea rugosa</i> R. Br. Wrinkled Hakea | <i>Castiarina piliventris</i> |
| <i>Hakea teretifolia</i> Britten Dagger Hakea | <i>Castiarina scalaris</i> <i>Castiarina sexplagiata</i> <i>Castiarina tricolor</i> <i>Diphucrania notulata</i> <i>Diphucrania</i> sp. 8 |
| <i>Hakea trifurcata</i> R. Br. | <i>Astraeus fraterculus</i> <i>Stanwatkinsius constrictus</i> |
| <i>Hakea</i> sp./spp. | <i>Astraeus goldingi</i> <i>Castiarina subbifasciata</i> <i>Hypocisseis suturalis</i> <i>Melobasis gloriosa</i> ssp. <i>gloriosa</i> <i>Stanwatkinsius cinctus</i> <i>Stanwatkinsius constrictus</i> <i>Stanwatkinsius grevilleae</i> <i>Stigmodera gratiosa</i> |
| <i>Isopogon anemonifolius</i> (R.A. Salisbury) Broad-leaved Drumsticks | <i>Diphucrania</i> sp. 8 |
| <i>Lomatia fraseri</i> R. Br. Tree Lomatia, Forest Lomatia, Silky Lomatia | <i>Castiarina bremeri</i> |
| <i>Macadamia whelanii</i> (F.M. Bailey) F.M. Bailey Macadamia, Macadamia Nut, Queensland Nut, Bush Nut | <i>Calodema plebeia</i> * <i>Calodema regalis</i> <i>Castiarina erubescens</i> * <i>Castiarina rollei</i> * <i>Metaxymorpha gloriosa</i> <i>Metaxymorpha hauseri</i> * |

native honeysuckle
[see *Banksia* sp.]

Cyrioides imperialis

RHAMNACEAE

Buckthorn Family

Alphitonia excelsa (Fenzl) Reissek ex Benth.
Red Ash, Soap Tree, Leatherjacket

Austrophorella quadrisignata
*Castiarina acuminata**
*Castiarina neglecta**
*Castiarina oblita**
*Castiarina producta**
*Castiarina undulata**
Hypocisseis latipennis
Melobasis curta
*Torresita cuprifera**

Alphitonia petriei Braid & C.T. White
Pink Ash, Sarsaparilla, White Ash

Austrophorella quadrisignata
Cyphogastra pistor ssp. *vulnerata**
*Melobasis kaszabi**

RHIZOPHORACEAE

Mangrove Family

Ceriops tagal (Perr.) C.B. Rob. #
Spurred Mangrove

Strigoptera bimaculata

ROSACEAE

Rose Family

Crataegus monogyna Jacq.
Common Hawthorn, May, Mayblossom, Maythorn,
Quickthorn, Whitethorn, Motherdie, Haw

Nascioides parryi

Rubus hillii F. Muell.
Large-leaved or Molucca Bramble

Aaaba fossicollis
Aaaba nodosus

Rubus moorei F. Muell.
Silky Bramble, Lawyer Bramble

Aaaba nodosus

Rubus parvifolius L.
Native Raspberry, Small-leaf Bramble

Aaaba nodosus

Rubus sp./spp.

Aaaba nodosus

ROUSSEACEAE

Marbleleaf Family

Cuttsia viburnea F. Muell.
Native Elderberry

Calodema regalis
Castiarina acuminata
Castiarina insignis
*Castiarina producta**
Castiarina pulchripes

RUBIACEAE

Madder, Bedstraw or Coffee Family

Canthium odoratum (G. Forst.) Seem.
[see *Psydrax odorata*]

Cyclophyllum multiflorum S.T. Reynolds & R.J.F. Hend. *Metaxymorpha gloriosa*

Psydrax odorata (G. Forst.) A.C. Sm. & S.P. Darwin
= *Canthium odoratum* (G. Forst.) Seem.

*Metaxymorpha gloriosa**
*Castiarina aglaia**
*Castiarina erubescens**
*Castiarina liliputana**
*Castiarina rollei**

RUTACEAE (Flindersiaceae)

Rue or Citrus Family

Acronychia imperforata F. Muell.
Logan Apple

*Castiarina acuminata**

Acronychia sp.

Maoraxia auroimpressa

Brombya platynema F. Muell.
[see *Melicope platynema*]

Citrus aurantiaca (Christm.) Swingle
= *Citrus aurantifolia*?
Bitter Orange Blossom

Agrilus occipitalis ssp. *occipitalis*

Citrus aurantifolia?
[see *Citrus aurantiaca*]

Citrus grandis (L.) Osbeck
[see *Citrus maxima*]

Citrus limonia Osbeck
Lemondarin, Rangpur, Rangpur Lime, Rungpur,
Marmalade Lime, Lemondarin; Canton Lemon

Melobasis purpurascens

Citrus maxima (Burm.) Osbeck

Agrilus occipitalis ssp. *occipitalis*

Citrus sinensis (L.) Osbeck
Sweet Orange, Navel Orange

Agrilus occipitalis ssp. *occipitalis*
Melobasis purpurascens

Citrus sp./spp.

Agrilus occipitalis ssp. *occipitalis*
Melobasis purpurascens

Eriostemon australasius Pers.
Wax Flower

Castiarina parallela

Euodia micrococca F. Muell.
[see *Melicope micrococca*]

Euodia sp./spp.

Flindersia australis R. Br.
Crows Ash, Australian Teak

Flindersia brayleyana F. Muell.
Queensland Maple

Flindersia maculosa (Lindl.) Benth.
Leopardwood, Leopard Tree

Flindersia xanthoxyla (A. Cunn. ex Hook.) Domin
Long Jack, Yellowwood

Melicope elleryana (F. Muell.) T.G. Hartley
Pink Flowered Doughwood, Evodia

Melicope micrococca (F. Muell.) T.G. Hartley
= *Euodia micrococca* F. Muell.
White Euodia, White Doughwood, Evodia

Melicope platynema (F. Muell.) Engl.
(= *Brombya platynema* F. Muell.)

Phebalium squamulosum ssp. *argenteum* P.G. Wilson
[see *Rhadinothamnus anceps*]

Rhadinothamnus anceps (DC.) P.G. Wilson
= *Phebalium squamulosum* ssp. *argenteum* P.G. Wilson
Blister Bush

SALICACEAE (Flacourtiaceae)

Willow Family

Homalium brachybotrys (F. Muell.) F. Muell.
Hard Boxwood

Castiarina beatrix

Melobasis purpurascens

Nascioides elderi

Anilara sp. 1

Anilara obscura
Anilara olivia

Calodema plebeia
Calodema regalis
*Calodema rubrimarginata**
*Castiarina erubescens**
*Castiarina rollei**
Metaxymorpha gloriosa
*Metaxymorpha hauseri**

Calodema regalis
Metaxymorpha grayi

*Castiarina erubescens**
*Castiarina puella**
*Castiarina rollei**
*Metaxymorpha hauseri**

Melobasis wannerua

*Castiarina andersoni**
*Castiarina biguttata**
*Castiarina carinata**
*Castiarina indigesta**
*Castiarina lorae**
*Castiarina phaeorrhaea**
*Castiarina puella**
*Castiarina rufipes**
*Castiarina tigris**
*Castiarina viridiventris**

Scolopia braunii (Klotzsch) Sleumer
Flintwood, Mountain Cherry, Brown Birch, Scolopia

*Castiarina cydista**
*Castiarina producta**

SANTALACEAE

Sandalwood Family

Exocarpos cupressiformis (Labill.) R. Br.
Native Cherry, Cherry Ballart

Hypocisseis suturalis

Leptomeria acida R. Br.
Acid Drops, Sour Currant-Bush

Diphucrania sp. 7

Santalum acuminatum (R. Br.) A. DC.
Desert Quandong, Quandong, Native Peach

Melobasis abnormis
Melobasis paucipunctata

SAPINDACEAE

Soapberry Family

Acer sp./spp. (introduced)
Maple

Prospheres aurantiopicta

Alectryon coriaceus (Benth.) Radlk.
Beach Bird's Eye, Beach Alectryon*

Maoraxia auroimpressa

Dodonaea triquetra Wendl.
Common Hop Bush, Large Leaf Hop Bush

Diphucrania parva

Dodonaea sp./spp.

Castiarina parallela
Diphucrania trimentula

Elattostachys nervosa (F. Muell.) Radlk.
Green Tamarind, Beetroot Tree

Diphucrania williamsi

Guioa lasioneura Radlk.
Silky Tamarind

Metaxymorpha gloriosa

Guioa semiglauca (F. Muell.) Radlk.
Guioa, Wild Quince

*Castiarina acuminata**
*Castiarina producta**
*Castiarina variegata**
*Helperella manningensis**
Maoraxia auroimpressa*

Sarcopteryx reticulata S.T. Reynolds

Metaxymorpha gloriosa

Synima cordieri (F. Muell.) Radlk.

*Metaxymorpha gloriosa**

SCROPHULARIACEAE (Myoporaceae)

Figwort Family

Calamphoreus inflatus (C.A. Gardner) Chinnock
= *Eremophila inflata* C.A. Gardner

Castiarina chinnocki

Eremophila bignoniiflora (Benth.) F. Muell.
Bignonia Emu Bush, Creek Wilga, Dogwood, Eurah,

Castiarina puteolata

Gooramurra, Kurumbimi, River Argee

Eremophila dempsteri F. Muell.
Emu Bush

Castiarina browningi

Eremophila inflata C.A. Gardner
[***Calamphoreus inflatus***]

Eremophila ionantha Diels
Violet-flowered Eremophila

Castiarina chinnocki

Eremophila paisleyi F. Muell.

Castiarina chinnocki
Castiarina cornishi

Eremophila scoparia (R. Br.) F. Muell.
Silver Emubush

Castiarina chinnocki
Castiarina cornishi
Castiarina macarthuri
Castiarina vanderwoudeae

Eremophila weldii F. Muell.

Castiarina euclae

Eremophila sp./spp.

Castiarina aurantia
Castiarina diversa
Castiarina kempsteri
Castiarina rediviva
Castiarina rufa

Leucophyllum frutescens (Berl.) I. M. Johnst.
Texas Sage, Purple Sage, Texas Ranger, Silverleaf,
White Satew, Ash Bush, sensia

Acmaeodera gibbula
Acmaeodera quadrivittatoides
Paratyndaris chamaeleonis

Myoporum insulare R. Br.
Blueberry Tree, Boobialla, Common Boobialla,
Native Juniper

Melobasis cuprifera

Myoporum platycarpum R. Br.
Sugarwood

Castiarina booanyia
Castiarina cornishi
Castiarina duaringae

Myoporum sp./spp.

Temognatha flavomarginata

SOLANACEAE

Nightshade Family

Solanum lasiophyllum Dun.

Neospades chrysopygius

STERCULIACEAE

Cacao Family

Argyrodendron peralatum (Bailey) Edlin ex J.H. Boas
Red Tulip Oak

Nascioides elderi

Heritiera actinophylla (F.M. Bailey) Kosterm.
Black Booyong

*Agrilus decupratus**
*Agrilus frenchi**
*Maoraxia auroimpressa**
Nascioides viridis

THYMELAEACEAE

Akia Family

Pimelea linifolia Sm.
Queen-of-the-bush, Slender or Flax-leaved Riceflower

Melobasis propinqua ssp. *propinqua*

Pimelea sp./spp.

*Castiarina decemmaculata**

VERBENACEAE

Verbena or Vervain Family

Clerodendrum floribundum R. Br.
Lolly Bush, Smooth Clerodendrum

Castiarina decipiens
Melobasis purpurascens

XANTHORRHOEACEAE

Xanthorrhoea johnsonii Lee
Johnsons Grass Tree

Diphucrania duodecimmaculata

Xanthorrhoea minor R. Br.
Grasstree

Castiarina bifasciata
Synechocera brooksi
Synechocera queenslandica

Xanthorrhoea preissii Endl.
Balga

Diphucrania stigmata
Melobasis gloriosa ssp. *gloriosa*

Xanthorrhoea sp./spp.
Grasstree

Astraeus elongatus
Castiarina affabilis
*Castiarina alternecosta**
Castiarina cupida
*Castiarina scalaris**
Diphucrania duodecimmaculata
Diphucrania macmillani
Diphucrania stigmata
Synechocera parvipennis
Temognatha pubicollis

MISCELLANEOUS / UNSPECIFIED

yellow everlasting

Neocuris viridimicans

giant yellow everlasting

Stigmodera gratiosa

peppermint

Stigmodera cancellata

unknown fruit tree

Melobasis purpurascens

vine scrub
"clinging to wheat stubble, low mallee shoots, &c."

Agrilus walesicus*
Neobuprestis peroni

unknown white flowering bush

*Castiarina amabilis***ANGIOSPERMAE**

monocots

CYPERACEAE

Sedge Family

Gahnia erythrocarpa R. Br.*Melobasis propinqua* ssp. *propinqua**Gahnia sieberiana* Kunth
Red-fruited Saw Sedge*Synechocera deplana**Gahnia* sp./spp.
Sawsedge*Synechocera deplana***IRIDACEAE**

Iris Family

Patersonia occidentalis R. Br.
Long Purple-flag*Diphucrania viridiceps*
*Ethonion breve**Patersonia* sp./spp.*Melobasis lathamii***JUNCACEAE**

Rush Family

Juncus sp.*Meliboeithon intermedius***POACEAE** (Graminae)

Grass Family

Chrysopogon fallax S.T. Blake
Golden Beard Grass*Paracephala murina**Stipa setacea* R. Br.
Corkscrew Spear-grass, Corkscrew Grass*Paracephala pistacina**Stipa* sp./spp.*Paracephala borea**Themeda australis* (R. Br.) Stapf.
Kangaroo Grass*Melobasis costata*corkscrew grass [see *Stipa setacea*]*Paracephala pistacina***XYRIDACEAE***Xyris* sp./spp.*Diphucrania roseocuprea****MISCELLANEOUS / UNSPECIFIED**

grass flowers

Paracephala deserta

grasses, forbs

Balthasarella melandryoides

Appendix 2. Host plant record locality data.

| Code | State / Territory | Principal Locality | Habitat type | Voucher Coll'n |
|-------|--------------------|--|--|----------------|
| ACT1 | Aust.Capital Terr. | Canberra | | GWCA |
| ACT2 | Aust.Capital Terr. | Canberra | dry sclerophyll forest | GWCA |
| ACT3 | Aust.Capital Terr. | Corin Dam | sclerophyll forest, eucalypt woodland | GWCA |
| ACT4 | Aust.Capital Terr. | Woods Reserve, Corin Dam Road | | GWCA |
| NQLD1 | N Queensland | Cardwell Range | mesophyll vine forest | JHIQ |
| NQLD2 | NW Queensland | Croydon | gulf savanna woodland | JHIQ |
| NQLD3 | N Queensland | Mt Garnet | open forest eucalypt woodland | JHIQ |
| NQLD4 | N Queensland | 30-40 km W Mt Garnet | open forest eucalypt woodland | JHIQ |
| NQLD5 | N Queensland | Milla Milla | rainforest | JHIQ |
| NQLD6 | N Queensland | Polly Creek, Garradunga near Innisfail | lowland mesophyll vine forest | JHIQ |
| NQLD7 | N Queensland | Rex Range near Jullaten | mesophyll vine forest | JHIQ |
| NQLD8 | N Queensland | Mt Surprise | open forest eucalypt woodland | JHIQ |
| NSW1 | New South Wales | Amosfield | dry sclerophyll forest | GWCA |
| NSW2 | New South Wales | vic. Amosfield | woodland, dry sclerophyll forest | GWCA |
| NSW3 | New South Wales | approx. 5-6 km W of Amosfield | dry sclerophyll forest - woodland complex | GWCA |
| NSW4 | New South Wales | Backwater via Guyra | | GWCA |
| NSW5 | New South Wales | Backwater via Guyra | dry sclerophyll forest | GWCA |
| NSW6 | New South Wales | Barrington Tops | cool temperate rainforest | GWCA |
| NSW7 | New South Wales | Barrington Tops | sclerophyll forest, eucalypt woodland | GWCA |
| NSW8 | New South Wales | Barrington Tops | dry sclerophyll forest | GWCA |
| NSW9 | New South Wales | Black Head SE of Taree | littoral rainforest | GWCA |
| NSW10 | New South Wales | Boonoo Boonoo State Forest | dry sclerophyll forest | GWCA |
| NSW11 | New South Wales | Bar Mtn. Border Ranges National Park | temperate rainforest | GWCA |
| NSW12 | New South Wales | Border Ranges | rainforest margin | GWCA |
| NSW13 | New South Wales | Border Ranges | montane rainforest | GWCA |
| NSW14 | New South Wales | Border Ranges | | GWCA |
| NSW15 | New South Wales | Clyde Mtn. | | GWCA |
| NSW16 | New South Wales | Comboyne Plateau | dry sclerophyll forest | GWCA |
| NSW17 | New South Wales | Comboyne Plateau | sclerophyll forest complex | GWCA |
| NSW18 | New South Wales | Comboyne Plateau | mixed sclerophyll forest and rainforest (adjacent volcanic plugs) | GWCA |
| NSW19 | New South Wales | 10 km W. Coonabarabran | eucalypt woodland | GWCA |
| NSW20 | New South Wales | 10 km W. of Coonabarabran | | GWCA |
| NSW21 | New South Wales | 46 km NE Coonabarabran | | GWCA |
| NSW22 | New South Wales | Crescent Head | wet heath | GWCA |
| NSW23 | New South Wales | approx. 6 km S of Crescent Head | wet heath | GWCA |
| NSW24 | New South Wales | vic. Crowdy Head | woodland | GWCA |
| NSW25 | New South Wales | vic. Crowdy Head | sclerophyll woodland-heath complex | GWCA |
| NSW26 | New South Wales | vic. Crowdy Head | heath | GWCA |
| NSW27 | New South Wales | NE of Deepwater | dry sclerophyll forest | GWCA |
| NSW28 | New South Wales | vic. Deepwater | | GWCA |
| NSW29 | New South Wales | vic. Deepwater | dry sclerophyll forest | GWCA |
| NSW30 | New South Wales | vic. Deepwater | woodland, dry sclerophyll forest | GWCA |
| NSW31 | New South Wales | vic. Deepwater | dry sclerophyll forest - woodland complex | GWCA |
| NSW32 | New South Wales | Dingo Tops State Forest | | GWCA |
| NSW33 | New South Wales | Dorrigo | | GWCA |
| NSW34 | New South Wales | Dundee | woodland, dry sclerophyll forest | GWCA |
| NSW35 | New South Wales | vic. Dundee | woodland, dry sclerophyll forest | GWCA |
| NSW36 | New South Wales | approx. 7 - 8 km SE Dundee | open woodland | GWCA |
| NSW37 | New South Wales | vic. Ebor | eucalypt woodland | GWCA |
| NSW38 | New South Wales | approx. 22 km SW Ebor | | GWCA |
| NSW39 | New South Wales | Faulconbridge | | GWCA |
| NSW40 | New South Wales | Forbes River | woodland, sclerophyll forest | GWCA |
| NSW41 | New South Wales | Forbes River | wet sclerophyll forest | GWCA |
| NSW42 | New South Wales | Forbes River | | GWCA |
| NSW43 | New South Wales | Forest Lands State Forest | dry sclerophyll forest | GWCA |
| NSW44 | New South Wales | Forest Lands State Forest | sclerophyll forest, eucalypt woodland | GWCA |
| NSW45 | New South Wales | Garrawilla | dry sclerophyll forest | GWCA |
| NSW46 | New South Wales | Garrawilla | eucalypt woodland | GWCA |
| NSW47 | New South Wales | vic. Garrawilla | dry sclerophyll forest | GWCA |
| NSW48 | New South Wales | 4 km N Garrawilla | | GWCA |

| | | | | |
|--------|-----------------|---|---|------|
| NSW49 | New South Wales | 6 km N Garrawilla | dry sclerophyll forest | GWCA |
| NSW50 | New South Wales | 6 km N Garrawilla | eucalypt woodland | GWCA |
| NSW51 | New South Wales | Gibraltar Range | | GWCA |
| NSW52 | New South Wales | Gibraltar Range | open woodland | GWCA |
| NSW53 | New South Wales | Gibraltar Range | sclerophyll forest, eucalypt woodland | GWCA |
| NSW54 | New South Wales | approx. 24 km NNW Gloucester | subtropical lowland rainforest | GWCA |
| NSW55 | New South Wales | approx. 24 km NNW Gloucester | riparian lowland rainforest | GWCA |
| NSW56 | New South Wales | Glenugie Peak SE of Grafton | vine scrub | GWCA |
| NSW57 | New South Wales | Grenfell | | GWCA |
| NSW58 | New South Wales | 20km E Grenfell | | GWCA |
| NSW59 | New South Wales | Harrington | eucalypt woodland | GWCA |
| NSW60 | New South Wales | Harrington | littoral rainforest | GWCA |
| NSW61 | New South Wales | Iluka | littoral rainforest | GWCA |
| NSW62 | New South Wales | Island Bend | | GWCA |
| NSW63 | New South Wales | Jamberoo Pass | | GWCA |
| NSW64 | New South Wales | Kanwal | | GWCA |
| NSW65 | New South Wales | Karuah | dry sclerophyll forest | GWCA |
| NSW66 | New South Wales | Boonanghi State Forest via Kempsey | dry rainforest | GWCA |
| NSW67 | New South Wales | Kew | dry sclerophyll forest | GWCA |
| NSW68 | New South Wales | Kerewong State Forest NW of Kew | warm temperate rainforest | GWCA |
| NSW69 | New South Wales | Langley Vale via Lansdowne | | GWCA |
| NSW70 | New South Wales | approx. 0.5 km SE Lansdowne | subtropical floodplain rainforest | GWCA |
| NSW71 | New South Wales | approx. 2 km WN Lansdowne | riparian forest | GWCA |
| NSW72 | New South Wales | approx. 3 km N Lansdowne (Lorien Wildlife Refuge) | subtropical lowland rainforest | GWCA |
| NSW73 | New South Wales | approx. 3 km N Lansdowne (Lorien Wildlife Refuge) | wet sclerophyll forest | GWCA |
| NSW74 | New South Wales | 3 km N Lansdowne | dry sclerophyll forest | GWCA |
| NSW75 | New South Wales | Lorien Wildlife Refuge 3 km N Lansdowne | open area between wet sclerophyll forest and subtropical lowland rainforest (at artificial plantings of <i>Baeckea ?virgata</i>) | GWCA |
| NSW76 | New South Wales | approx. 4 km NNW Lansdowne | wet sclerophyll forest | GWCA |
| NSW77 | New South Wales | approx. 4 km NNW Lansdowne | dry sclerophyll forest - wet sclerophyll forest complex | GWCA |
| NSW78 | New South Wales | approx. 6 km NW Lansdowne | sclerophyll forest | GWCA |
| NSW79 | New South Wales | Lansdowne State Forest | | GWCA |
| NSW80 | New South Wales | Lansdowne State Forest | dry sclerophyll forest | GWCA |
| NSW81 | New South Wales | Lansdowne State Forest | wet sclerophyll forest | GWCA |
| NSW82 | New South Wales | Laurieton | heath - woodland complex | GWCA |
| NSW83 | New South Wales | 9 km S Laurieton | | GWCA |
| NSW84 | New South Wales | 10 km S Laurieton | heath, shrubland | GWCA |
| NSW85 | New South Wales | approx. 13 km E Legume | dry sclerophyll forest | GWCA |
| NSW86 | New South Wales | Londonderry | dry sclerophyll forest | GWCA |
| NSW87 | New South Wales | Manning Point | Subtropical littoral rainforest | GWCA |
| NSW88 | New South Wales | 4 km NW Maroota | | GWCA |
| NSW89 | New South Wales | Menai | dry sclerophyll forest - woodland complex | GWCA |
| NSW90 | New South Wales | 8 km SW Mountain Lagoon | | GWCA |
| NSW91 | New South Wales | Mungo Brush | | GWCA |
| NSW92 | New South Wales | Myall Lakes | | GWCA |
| NSW93 | New South Wales | approx. 40km NE of Narrabri | eucalypt woodland | GWCA |
| NSW94 | New South Wales | approx. 40km NE of Narrabri | dry sclerophyll forest | GWCA |
| NSW95 | New South Wales | 95 km SW of Narrabri | | GWCA |
| NSW96 | New South Wales | Nerriga | eucalypt woodland | GWCA |
| NSW97 | New South Wales | Newnes | eucalypt woodland | GWCA |
| NSW98 | New South Wales | Newnes | | GWCA |
| NSW99 | New South Wales | Old Bar | heath, shrubland | GWCA |
| NSW100 | New South Wales | Pilliga State Forest | | GWCA |
| NSW101 | New South Wales | Pilliga State Forest | dry sclerophyll forest | GWCA |
| NSW102 | New South Wales | Pilliga State Forest | sclerophyll forest | GWCA |
| NSW103 | New South Wales | vic. Seal Rocks | | GWCA |
| NSW104 | New South Wales | Sims Gap W of Rankins Springs | | GWCA |
| NSW105 | New South Wales | Redhead SE of Taree | littoral rainforest | GWCA |
| NSW106 | New South Wales | Rocky Glen | dry sclerophyll forest | GWCA |
| NSW107 | New South Wales | Rocky Glen | | GWCA |
| NSW108 | New South Wales | Seal Rocks | | GWCA |

| | | | | |
|--------|--------------------|--|--|------|
| NSW109 | New South Wales | Swan Lake | eucalypt woodland | GWCA |
| NSW110 | New South Wales | Swan Lake | low coastal dune vegetation | GWCA |
| NSW111 | New South Wales | Tamworth | | GWCA |
| NSW112 | New South Wales | Moonbi Lookout N of Tamworth | dry sclerophyll forest | GWCA |
| NSW113 | New South Wales | approx. 22 km NNE Taree | mixed sclerophyll forest (adjacent volcanic plug) | GWCA |
| NSW114 | New South Wales | approx. 22 km NNE Taree | subtropical rainforest | GWCA |
| NSW115 | New South Wales | approx. 22 km NNE Taree | sclerophyll forest | GWCA |
| NSW116 | New South Wales | approx. 22 km NNE Taree | dry sclerophyll forest | GWCA |
| NSW117 | New South Wales | Kiwarra State Forest S of Taree | dry rainforest | GWCA |
| NSW118 | New South Wales | Terania Creek | | GWCA |
| NSW119 | New South Wales | Thredbo | | GWCA |
| NSW120 | New South Wales | Thredbo | woodland-heath complex | GWCA |
| NSW121 | New South Wales | Timmallallie State Forest | | GWCA |
| NSW122 | New South Wales | Tyringham State Forest | | GWCA |
| NSW123 | New South Wales | Tooloom Falls via Urbenville | dry sclerophyll forest | GWCA |
| NSW124 | New South Wales | approx. 44 km SE of Walcha | | GWCA |
| NSW125 | New South Wales | approx. 66 km SE of Walcha | | GWCA |
| NSW126 | New South Wales | approx. 66 km SE of Walcha | dry sclerophyll forest | GWCA |
| NSW127 | New South Wales | Mt. Warning | sclerophyll forest | GWCA |
| NSW128 | New South Wales | Mt. Warning | montane shrub complex | GWCA |
| NSW129 | New South Wales | Warrumbungles National Park | dry sclerophyll forest | GWCA |
| NSW130 | New South Wales | Mt Boss State Forest NW of Wauchope | temperate rainforest | GWCA |
| NSW131 | New South Wales | 13 km S Wilton | | GWCA |
| NSW132 | New South Wales | Wingham | riparian woodland | GWCA |
| NSW133 | New South Wales | Wingham | subtropical floodplain rainforest | GWCA |
| NSW134 | New South Wales | Wingham | subtropical lowland rainforest | GWCA |
| NSW135 | New South Wales | Upper Macquarie Pass via Wollongong | dry sclerophyll forest | GWCA |
| NSW136 | New South Wales | Wye | | GWCA |
| NSW137 | New South Wales | Yarratt State Forest | dry sclerophyll forest | GWCA |
| NT1 | Northern Territory | 8 km N of Ti Tree | savannah-woodland | GWCA |
| QLD 1 | Queensland | nr. Coogarra Rock, Ban Ban Range | dry rainforest | GWCA |
| QLD2 | Queensland | Blackdown Tablelands | dry sclerophyll forest | GWCA |
| QLD3 | Queensland | Blackdown Tablelands | dry sclerophyll forest – woodland complex | GWCA |
| QLD4 | Queensland | Blackdown Tablelands | heath-woodland complex | GWCA |
| QLD5 | Queensland | Carnarvon National Park | heath – woodland complex | GWCA |
| QLD6 | Queensland | Mt Moffatt sect. Carnarvon National Park | heath – woodland complex | GWCA |
| QLD7 | Queensland | Edungalba | | GWCA |
| QLD8 | Queensland | Glen Aplin | | GWCA |
| QLD9 | Queensland | Glen Aplin | dry sclerophyll forest | GWCA |
| QLD10 | Queensland | vic. Glen Aplin | | GWCA |
| QLD11 | Queensland | vic. Glen Aplin | dry sclerophyll forest | GWCA |
| QLD12 | Queensland | Stanthorpe | | GWCA |
| QLD13 | Queensland | 8 km NE Stanthorpe | | GWCA |
| QLD14 | Queensland | vic. Wallengarra | | GWCA |
| QLD15 | Queensland | vic. Wallengarra | dry sclerophyll forest | GWCA |
| QLD16 | Queensland | Wyberba | dry sclerophyll forest | GWCA |
| TAS1 | Tasmania | Little Swanport | | GWCA |
| VIC1 | Victoria | Big Desert | mallee woodland | GWCA |
| VIC2 | Victoria | Halls Gap | | GWCA |
| VIC3 | Victoria | 12 kms N Halls Gap | | GWCA |
| VIC4 | Victoria | approx. 40 km SW of Geelong | | GWCA |
| VIC5 | Victoria | Genoa | | GWCA |
| VIC6 | Victoria | 12 km N Halls Gap | | GWCA |
| VIC7 | Victoria | Little Desert National Park | | GWCA |
| VIC8 | Victoria | vic. of Murrayville | mallee woodland | GWCA |
| VIC9 | Victoria | Pakenham | | GWCA |
| VIC10 | Victoria | 20 km N Tempy | mallee woodland | GWCA |
| VIC11 | Victoria | 20 km N Tempy | woodland | GWCA |
| VIC12 | Victoria | The Grampians | | GWCA |
| WA1 | Western Australia | 25 km W Fitzgerald | mallee | GWCA |
| WA 2 | Western Australia | Stirling Ranges | mallee | GWCA |
| WA3 | Western Australia | 1 km E Bunkers Bay | open woodland | GWCA |

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Alphabetical Taxonomic index

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| <i>Agrilus</i> Curtis 1825 | 75 | <i>Maoraxia</i> Obenberger 1937 | 16 |
| <i>Anilara</i> Saunders 1868 | 54 | Maoraxiini Holynski 1988 | 16 |
| Anilarina Bílý 2000 | 54 | Melanophilini Bedel 1921 | 62 |
| <i>Araucariana</i> Levey 1978 | 19 | <i>Meliboeithon</i> Obenberger 1920 | 74 |
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| <i>Astraeus</i> Laporte and Gory 1837 | 10 | <i>Melobasis</i> Laporte and Gory 1837 | 55 |
| <i>Austrochalcophora</i> Bellamy 2006 | 16 | <i>Merimna</i> Saunders 1868 | 62 |
| <i>Austrophorella</i> Kerremans 1903 | 15 | <i>Metaxymorpha</i> Parry 1848 | 51 |
| <i>Balthasarella</i> Obenberger 1958 | 20 | <i>Nascio</i> Laporte and Gory 1837 | 16 |
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| <i>Bubastes</i> Laporte and Gory 1836 | 20 | Nascionini Holynski 1988 | 16 |
| Bubastini Obenberger 1920 | 20 | <i>Neobubastes</i> Blackburn 1892 | 51 |
| Buprestinae Leach 1815 | 16 | <i>Neobuprestis</i> Kerremans 1903 | 19 |
| Buprestini Leach 1815 | 19 | Neocuridina Holynski 1988 | 52 |
| <i>Buprestis</i> Linnaeus 1758 | 19 | <i>Neocuris</i> Saunders 1868 | 52 |
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| <i>Castiarina</i> Gory and Laporte 1838 | 27 | <i>Paracephala</i> Saunders 1868 | 74 |
| <i>Chalcophorotaenia</i> Obenberger 1928 | 15 | Paratracheini Cobos 1980 | 9 |
| Chrysobothrini Gory and Laporte 1837 | 63 | <i>Paratrachys</i> Saunders 1873 | 9 |
| <i>Chrysobothris</i> Eschscholtz 1829 | 63 | Polycestinae Lacordaire 1857 | 9 |
| Chrysochroinae Laporte 1835 | 14 | Polycestini Lacordaire 1857 | 9 |
| Chrysochroini Laporte 1835 | 14 | <i>Prospheres</i> Saunders 1868 | 10 |
| Cisseisina Majer 2001 | 65 | Prospherini Cobos 1980 | 10 |
| Coraebini Bedel 1921 | 63 | <i>Pseudanilara</i> Théry 1911 | 54 |
| Curidini Holynski 1988 | 51 | <i>Pseudotaenia</i> Kerremans 1903 | 15 |
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| <i>Diphucrania</i> Dejean 1833 | 65 | Stigmoderini Lacordaire 1857 | 20 |
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| <i>Ethonion</i> Kubán 2000 | 64 | Synechocerina Majer 2001 | 73 |
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