

THE VALLEY OF A THOUSAND FAUNA:

**AN INVENTORY OF THE FAUNA
OF THE DORA CREEK CATCHMENT,
NEW SOUTH WALES**

(First Edition)

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Cover Photo - Flying Fox

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Cover Photo: Grey-headed Flying-fox (*Pteropus poliocephalus*) feeding on White Mulberries (*Morus alba*). Photo T. Annable.

For information about how to obtain copies of this publication or its companion volume ‘The Valley of a Thousand Plants: An Inventory of the Native Flora of the Catchment of Dora Creek’, contact the Secretary, School of Science & Mathematics, Avondale College of Higher Education, at the above address or by calling 02 4980 2224 during business hours, Monday to Thursday.

The authors would be pleased to receive reliable reports of additional species of fauna in the Dora Creek catchment. They may be contacted through the Secretary, School of Science & Mathematics, Avondale College of Higher Education (see above) or by e-mail at tannable@avondale.edu.au

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Preface

Because an increasing number of species are joining the ‘Critically Endangered’ list (currently about 1800 species, IUCN 2018) and because many species remain undescribed, efforts to record, catalog and quantify biodiversity elements must be strongly prioritized. The research published herein is just a small contribution towards the total effort aimed at maintaining the biodiversity of Australia. The critical importance of Citizen Science is being realised as fewer and fewer scientists are being allocated to work on taxonomy and the scientific description of new species. The Atlas of Living Australia (www.ala.org.au) is a great step in the right direction (as are international organisations such as Planetary Biodiversity Inventories and iNaturalist) but it cannot replace the specialist biologists and taxonomists which are urgently required to complete the descriptions of thousands of invertebrate species so essential to the agricultural industry, to every ecosystem and the survival of humanity.

This volume lists over 1,500 fauna species including nearly 1,000 invertebrates and is the first moderately comprehensive survey of the fauna of the Dora Creek catchment. Because many of these species were identified by amateurs it is probable that some species were incorrectly identified (especially where very similar species exist), however significant effort was put into the verification of species IDs and the authors take responsibility for any errors that may have occurred and they would very much appreciate notification of any suspect species.

MAP 1. The Dora Creek Catchment Map

MAP 2. Dora Creek Catchment & Lake Macquarie Map

The Dora Creek Catchment

Physical Characteristics

Dora Creek catchment is located to the west of and drains into Lake Macquarie, New South Wales. With an area of 22,963 ha (229.6 km²) it is the largest tributary catchment of the lake, comprising a little more than one third of its total catchment area (640 km², see Map 2). This area is only about 1/3000th of the total area of Australia. The waterways in the lower reaches of the catchment are subject to tidal influence. Movement of saline water upstream is prevented by weirs on Dora Creek (near Freemans Drive in Cooranbong) and on Sandy (Jigadee) Creek (near Newport Road in Cooranbong). During dry weather salinity near the junction of Sandy Creek and Dora Creek may be as high as 90% of seawater (Fisher 2004).

The majority of the catchment lies either on Quaternary Alluvium or on the Triassic Narrabeen Group. Quaternary alluvial deposits consisting mostly of sands, silts, clays and gravels occur along the major watercourses of Dora Creek and its major tributaries, Stockton Creek and Jigadee Creek. The Triassic Narrabeen Group occurs predominantly on the steep western slopes of the Catchment and includes quartz-lithic sandstone, siltstone and claystone (Murphy 1993).

The topography within the Dora Creek catchment is varied. Gently undulating terrain lying mostly below 50m asl is predominant in the east, where alluvial river flats are also common. The western margin of the catchment includes part of the Watagan Mountains where the highest point in the catchment (about 450m asl) is located near the junction of Palmers Rd and Watagan Forest Road, close to the Pines Forest Picnic Area. The slopes of the catchment range from less than 3 per cent on the floodplains to more than 40 per cent in some parts of the upper catchment (Eagle *et al.* 1986).

The annual average rainfall at Cooranbong (more-or-less in the centre of the catchment) is about 1150mm. The average January and February daily maximum temperature in the lower catchment is about 28°C. Winter frosts are experienced on low-lying cleared land in most years but are infrequent on other topography.

Human Occupation

The catchment of Dora Creek lies within the area once occupied by the Kurungbong people, mentioned in returns for Newcastle and Lake Macquarie of 1833 as one of four tribes or clans of the Aboriginal people now known as the Awabakal, a name applied by John Fraser in 1892 in his revision of Lancelot Threlkeld's work on the language of the Aboriginal people of Hunter's River and Lake Macquarie done in the 1830s (Maynard 2013). The number of Aboriginal people in the district declined from the 1830s as a result of conflict with the European colonists and from diseases introduced by them.

The first European settlement in what is now the city of Lake Macquarie began in 1826 when Lieutenant Percy Simpson took up a grant of 2000 acres in two entitlements at Kourumbung and Eraring (Chamberlain 1997). Development of the township was given an impetus in 1861 by the passing of the New South Wales Land Act (the Robinson Act). This permitted "...the large land grants to be broken up into smaller, affordable leases for settlers...there was a vast impact on the township of *Coorumbung* as it was very attractive to settlers because of the huge quantities of valuable timber existing in the surrounding hills" (Birch 2005).

Clouten (1967)

By 1890, “Thirty years of mostly heavy cutting had seriously depleted the forests surrounding the town” (of Cooranbong) (p. 224).

“...and even after a hundred years of slaughter, large patches of forest are still practically untouched by the sawyer” (p. 244).

Ecological Communities

Despite the history of timber-getting and land-clearing, approximately 70% of the catchment remains covered by native vegetation today, including Heaton and Olney State Forests, part of the Watagans National Park and areas of unmanaged native bushland (Smith with Fisher 2003). It is also ecologically significant that the forest to the west of the catchment is very well connected as a part of an expanse of vegetation that ultimately continues to Wollemi National Park and Blue Mountains National Park.

In a report prepared for Lake Macquarie City Council, Bell & Driscoll (2013) classified the vegetation communities within Lake Macquarie City and produced a working-draft map. They used the LHCCREMS (2000) vegetation classification as the structural framework but revised this to include additional communities and sub-communities. Their map shows that the following forty-seven vegetation units occur within the Dora Creek catchment (the numbers refer to their map units):

1. Coastal Wet Gully Forest
- 1a. Coastal Warm Temperate Sub-tropical Rainforest
5. Alluvial Tall Moist Forest
- 5a. Alluvial Bluegum–Paperbark Forest
- 5b. Alluvial Bluegum–Apple Moist Forest
- 5h. Alluvial Riparian Blackbutt Forest
- 6 Coastal Narrabeen Moist Forest (under revision)
- 6a. Coastal Narrabeen Bluegum Ridge Forest
9. Coastal Ranges Open Forest (under revision)
- 9a. Coastal Ranges Mesic Blackbutt Forest
- 9b. Coastal Ranges Dry Blackbutt Forest
- 9f. Coastal Ranges Dry Peppermint–Blackbutt Forest
- 9h. Coastal Ranges Dry Tallowwood Blackbutt Forest
- 9i. Coastal Ranges Mesic Stringybark–Mahogany Forest
11. Coastal Sheltered Apple–Peppermint Forest
- 11a. Riparian Paperbark–Peppermint Forest
15. Coastal Foothills Spotted Gum–Ironbark Forest
- 15h. Lake Macquarie Spotted Gum Forest
- 15i. Lake Macquarie Ironbark Forest
- 15l. Sugarloaf Uplands Dry Spotted Gum–Ironbark Forest
- 17o. Hinterland Spotted Gum–Red Ironbark Forest
- 21a. Hunter Range Dry Escarpment Apple Forest
- 21f. Hunter Range Dry Mahogany–Apple Forest
- 21g. Hunter Range Dry Stringybark–Blackbutt Forest
22. Coastal Narrabeen Shrub Forest
25. Sheltered Dry Hawkesbury Woodland
30. Coastal Plains Smooth-barked Apple Woodland
- 30b. Sugarloaf Upland Bloodwood–Apple Forest
- 30f. Freemans Peppermint–Apple–Bloodwood Forest

- 30h. Sugarloaf Lowlands Bloodwood–Apple Forest
- 31. Coastal Plains Scribbly Gum Woodland
- 33. Coastal Sand Apple–Blackbutt Forest
- 37. Swamp Mahogany–Paperbark Forest
- 37d. Alluvial Floodplain Cabbage Gum Forest
- 37e. Coastal Sand Swamp Forest
- 38. Foreshore Redgum–Rough-barked Apple Forest
- 38a. Floodplain Redgum–Rough-barked Apple Forest
- 40. Swamp Oak–Rushland Forest
- 42. Red Mahogany–Apple–Paperbark Forest
- 43e. White Stringybark–Paperbark Scrub Forest
- 46. Freshwater Wetland Complex
- 46a. Freshwater Typha Wetland
- 47. Mangrove Estuarine Complex
- 47a. Saltmarsh
- 48. Coastal Clay Heath
- 111a. Lake Macquarie Snappy Gum Forest
- 123. Cooranbong Blackbutt Tall Forest

This wide range of ecological communities means that a wide range of faunal species can be supported. Although many localities have been visited and sampled in this study none of the above ecological communities have been systematically studied. Thus, there are great opportunities for future research in these areas. Most of the vertebrate fauna confirmed as being present were expected to be present. However, many of the invertebrates have never been recorded in this area before, indeed a number of them were previously regarded as exclusively Queensland species. Climate change is no doubt a significant part of the reason why some species are being found further south than previously but other factors such as increased travel and trade are no doubt also involved.

The Inventory

Introduction

The authors have two main objectives in the compilation and publication of this inventory. When the Dora Creek Catchment Group (DCCG) formed in 1999, it soon became apparent to the members that there was a serious lack of co-ordinated information about several components of the natural environment of the catchment, including its biota. In order to contribute to the body of knowledge about the catchment, the DCCG included as one of its objectives the production of a floral inventory. One author of this inventory (HJF) was chairperson of the DCCG for several years. The first author (TJA) has been accumulating his own observations of the natural history of this catchment (and adjacent areas) for decades and he continues in this pursuit. His records provided the platform from which the publication of 'The Valley of a Thousand Plants, Annable and Fisher, 2014' and now to this publication 'The Valley of a Thousand Fauna'.

The second purpose of this inventory is to provide a record of the composition of the fauna of the catchment in the early 21st century. As the rate of climate change increases and the increase of human settlement and other land uses in the catchment progresses it is inevitable that some species will be lost in the future. The inventory thus provides an important baseline or reference point by which any such loss may be assessed. The vertebrate fauna of the catchment is moderately well known. However, the invertebrate fauna is little known. Because there are thousands of invertebrates yet to be scientifically described and because there are few if any published keys for many of these invertebrates this publication represents only a small but significant step-forwards in understanding local ecosystems. It is recognised that the lists of invertebrates are far from complete. However, it is becoming increasingly evident that the invertebrates are critical to the balance of nature and the ecology of any given area. Thus, the inventory has been divided into two major parts; 1. The Vertebrates (where the lists are relatively complete) and 2. The Invertebrates (which require much more work).

Sustainability

This research will help:

- Provide a baseline for the current ecological status of the Dora Creek catchment.
- Provide direction and help identify priorities for strategic ecological planning.
- Help provide support for the Sustainable Neighbourhood network.
- Identify how Council can best support the Landcare network.
- Promote cohesiveness between local Sustainable Neighbourhood groups.
- Strengthen and build capacity of biologist volunteers and groups.
- Facilitate the monitoring of any changes in environmental status.

In addition to the authors' own observations, the inventory draws from lists or mentions of species in surveys, for example by surveys conducted by the Australian Museum and Lake Macquarie staff (and others) as reported in the Atlas of Living Australia (2016) and credible reports from various naturalists, specialists and members of the public that are relevant to the Dora Creek catchment. Although the great majority of the species included in the inventory have been observed in at least one locality by the authors, they have not confirmed on the ground all of the reports from other sources.

The criterion for including a species in the inventory is that there must be at least one authentic, reliable record of an identification of the species at a locality within the catchment. A few species for which the only record is quite old (about 50 years or more) have not been included, especially if the location is likely to have been disturbed or obliterated since the date of the observation. One difference in this fauna volume compared to the flora volume is that because many fauna are mobile and also because the margins of the catchment are fuzzy in places, we decided that a few marginal species should be included in this volume rather than placing them in a separate marginal category.

Australia is fortunate to have The Australian Faunal Directory (or AFD, which is a division of the Australian Biological Resources Study or ABRS). This is an online catalogue of taxonomic and biological information on all animal species known to occur within Australia whether native or introduced. The authors have used this resource to confirm the presence of accepted species and confirm details such as spelling of name and localities where found. According to the AFD (2018) the Animal Kingdom (Animalia) is divided into 31 phyla (12 of which are listed in the table below). The microscopic Phylum Rotifera is known to be represented in the Dora Creek Catchment but none have been classified to genus or species level. The usually microscopic Protista is now considered a separate Kingdom and has several phyla of its own. Very few of the very small animals are included in this inventory which has been assembled using the following classification of fauna.

Phylum Chordata,	Common Names
Subphylum Vertebrata	Vertebrates
Mammalia	Mammals
Aves	Birds
Reptilia	Reptiles
Amphibia	Frogs & Salamanders
Pisces	Fish
Invertebrates	Spineless animals
Phylum Arthropoda	(jointed-leg species)
Subphylum Hexapoda	Insects
Subphylum Crustacea	Crustaceans
Subphylum Chelicerata	Spiders
Subphylum Myriapoda	Centipedes & Millipedes
Phylum Annelida	Earthworms & Leeches
Phylum Nematoda	Unsegmented Worms
Phylum Nematomorpha	Gordian Worms
Phylum Nemertea	Ribbon or Proboscis Worms
Phylum Platyhelminthes	Flatworms & Tapeworms
Phylum Xenacoelomorpha	Gliding worms
Phylum Mollusca	Snails & Slugs
Phylum Cnidaria	Jellyfish, Hydra
Phylum Porifera	Sponges
Kingdom Protista	e.g. Slime Moulds

Table 1. The Major Taxon Groups found in the Dora Creek Catchment.

Where known, the systematic names of the species follow recent commonly accepted taxonomy. For family names the current Atlas of Living Australia classification adopted by the Council of Heads of Australasian Zoos (CHAZ) in 2010 has been followed (CHAH 2017). Such lists are being frequently updated and consequently there may be some (usually minor) differences between this classification

and the one adopted by the Australian Zoological Society. There are many invertebrate species that have not yet been scientifically described and there is also a smaller number of described species that are not yet officially recognised as being present in Australia.

The inventory is presented in two sections Vertebrates and Invertebrates with five lists in each:

- (1) A list of species arranged alphabetically by generic and specific names;
- (2) A list of species arranged alphabetically by common name.
- (3) A list of species arranged alphabetically by family, then by genus and species within each family;
- (4) A list of endangered, threatened and vulnerable species.
- (5) A list of 'Gap Species'. These are species that have been found nearby and are likely to occur within the catchment but have not yet been confirmed as actually present in the Dora Creek catchment.

A small sample (very incomplete) of micro-organisms and slime moulds has been included in the invertebrates lists in order to preserve some of the authors' records of observations of these species within the catchment.

Fauna Statistics

Tables 2. & 3. (below) show the ten most species-rich families of Vertebrates and Invertebrates in the Dora Creek catchment, with Australia-wide statistics provided for comparison. One of the most notable factors of the catchment's invertebrate fauna is the very poor correlation between the estimated numbers and the actual described numbers of species. This fact alone highlights the relatively poor level of invertebrate taxonomy in Australia with thousands of species yet to be described scientifically and named. Consequently, the lists of invertebrates are likely to include misnamed species for example where an unnamed species closely resembles a named species. For some invertebrate groups, no satisfactory key exists and therefore names of these species are bound to be suspect. Never-the-less, as many species as possible were given names to the genus level where possible even though some of these may possibly be proven to be in error as taxonomic studies progress in the future. Where no keys existed, the original scientific descriptions were consulted for some species but it was found to be extremely time consuming (and expensive) to do this on a large scale. Indeed, one of the major reasons that photos are included in this volume is so that they will facilitate future identifications.

Vertebrates **grouped as follows:**

1. Mammals;
2. Birds;
3. Reptiles;
4. Amphibians;
5. Fish;

Subphylum	Common Name(s)	No. of Species
Mammalia	Mammals	75
Aves	Birds	315
Reptilia	Reptiles, (Snakes, Lizards and Turtles)	57
Amphibia	Frogs and Salamanders	82
Pisces	Fish	52

Table 2. Number of Species in Divisions of Vertebrate Fauna

NB: In order to simplify the listings, subspecies, subgenera and subfamilies have been avoided (except in a very few cases), this means that listed taxon numbers might differ slightly from species numbers.

Dora Creek Catchment Families	No. of local species & % of total no.	Common Names¹	No. of Australian species
Meliphagidae	29 (44%)	Honeyeaters	66
Hylidae	19 (23%)	Tree Frogs	83
Scincidae	17 (39%)	Skink Lizards	44
Columbidae	16 (64%)	Pigeons & Doves	25
Acanthizidae	15 (36%)	Scrub Wrens & Warblers	40
Accipitridae	15 (88%)	Kites & Hawks	17
Vespertilionidae	15 (54%)	Microbats	28
Anatidae	14 (70%)	Ducks	20
Elapidae	13 (9%)	Elapid Snakes	138
Ardeidae	12 (86%)	Hérons & Bitterns	14
Myobatrachidae	12 (14%)	Australian Toadlets	86
Psittacidae	12 (28%)	Parrots	43
TOTALS	189 (31%)		604

Table 3. The twelve most species-rich families of vertebrates represented in the Dora Creek Catchment with Australia-wide statistics for comparison.

NB. Although the Dora Creek catchment occupies about 1/3000th the area of Australia it possesses 31% of the described vertebrates. This is largely because vertebrates are very mobile but also because the Dora Creek catchment has a high biodiversity.

1. Australian statistics from ALA (2018).

Abbreviations (check)

ARV = Avondale Retirement Village, Cooranbong;
 Avondale CHE = Avondale College of Higher Education, Cooranbong (including surrounding estate);
 Avondale CHE Res = enclosed reserve area of natural vegetation adjacent to Freemans Drive between
 CCSC and 'Better Books and Food';
 Babers Rd N = Babers Rd N, Cooranbong;
 Bellbird Cl = Bellbird Close, Cooranbong;
 BW = Boys' Walk (Swing-Bridge to Freeman's Dr), Avondale CHE;
 CCSC = Cooranbong Community Services Centre;
 CTC = Cooranbong Town Common (the extended Cooranbong Park area);
 D.C. = Dora Creek;
 DCRFS = Dora Creek Rural Fire Service (cnr Newport Rd and Coorumbung St);
 EPE = Ellenborough Park Estate, Cooranbong;
 Farmer's ck = farmer's canal system (W of College Dr/Central Rd, Avondale CHE);
 Fl = flowers;
 Fr = fruit;
 FTCW = Felled Timber Creek Walk, Cooranbong;
 GW = Girls' Walk (Sandy Creek to Avondale Rd), Avondale CHE;
 LMCC63 = Lake Macquarie City Council Biodiversity Monitoring Site 63, Freemans Dr, North
 Cooranbong;
 LMCC65 = LMCC Biodiversity Monitoring Site 65, Pioneer Cemetery, east side;
 M1 = Pacific Motorway;
 MEA = Mandalong Exploration Area (Driscoll 2008);
 MHD = hill above old dam for water supply to Morisset Hospital;
 MIA = Morisset Industrial Area;
 MM Cem = Macquarie Memorial Park Cemetery, Ryhope;
 Morisset SG = Morisset Showground area;
 M Taylor = Dora Creek riparian zone (Taylor 2002);
 Old airport = former Avondale CHE Airport (now in Watagan Park Estate), Avondale Rd Cooranbong;
 Pioneer Cem = Pioneer Cemetery, Martinsville;
 Pk = park;
 Res = reserve;
 RFS = Rural Fire Service grounds, Cooranbong;
 Sandy CW = Sandy Creek Walk (southern loop of walking tracks from Swing Bridge to Ella Boyd Hall,
 Avondale CHE);
 S Birch = observation by Sally Birch within catchment (Birch 2005);
 SHW = Sanitarium Health & Wellbeing Co. precinct;
 SF = State Forest;
 WF = Watagan Forest;
 WM = Watagan Mountains;
 WNP = Watagan National Park;
 WPE = Watagan Park Estate, Cooranbong;
 WSF = Watagan State Forest.
 * = an introduced species.

The Inventory Part A. Vertebrates

LIST 1. All Vertebrate Species, Alphabetic by Systematic Name (Genus, Species, Family & Locality)

The list includes all Mammals, Birds, Reptiles, Amphibians and Fish found in the Study Area (no attempt has been made to record the large number of domestic species such as aquarium fish unless they have been found in the wild). Each species is listed alphabetically according to its systematic (or scientific) name (genus then species name). The systematic name is given first (always in italics), followed by the family name (in brackets) and a single common name (see comments in preface to Common Name List 2.). At least one locality record is given for each species. For many species the authors have found numerous locality records however for reasons of space each entry has been allocated a single line or at the most two lines. Where more than one location is given the individual records are separated by a semi-colon. A few extra-limital localities are included to indicate diversity of habitat or spread of distribution. The localities given should be interpreted as meaning “in the vicinity of” rather than implying exactness.

* indicates an introduced species.

Acanthiza chrysorrhoa (Acanthizidae): Yellow-rumped Thornbill. Avondale CHE; Cooranbong; Mandalong.

Acanthiza lineata (Acanthizidae): Striated Thornbill. Freemans Waterhole.

Acanthiza nana (Acanthizidae): Yellow Thornbill. Avondale CHE.

Acanthiza pusilla (Acanthizidae): Brown Thornbill. Freemans Waterhole.

Acanthiza reguloides (Acanthizidae): Buff-rumped Thornbill. Martinsville.

Acanthopagrus australis (Sparidae): Bream. Dora Creek Estuary.

Acanthophis antarcticus (Elapidae): Common Death Adder. Morisset.

Acanthorhynchus superciliosus (Meliphagidae): Western Spinebill. Martinsville.

Acanthorhynchus tenuirostris (Meliphagidae): Eastern Spinebill. Cooranbong.

Accipiter cirrhocephalus (Accipitridae): Collared Sparrowhawk. Avondale CHE.

Accipiter fasciatus (Accipitridae): Brown Goshawk. Avondale CHE.

Accipiter novaehollandiae (Accipitridae): Grey Goshawk. Avondale CHE; Babers Rd; Dora Ck; Gimberts Rd; Mandalong; Martinsville; Morisset.

*Acridotheres tristis** (Sturnidae): Indian Mynah. Avondale CHE; Babers Rd; Cooranbong Park.

Acrobates pygmaeus (Burramyidae): Feathertail Glider. Avondale CHE; Bonnels Bay.

Actitis hypoleucos (Scolopacidae): Common Sandpiper. Martinsville.

Adelotus brevis (Limnodynastidae): Tusked Frog. Freemans Waterhole.

Aegotheles cristatus (Aegothelidae): Australian Owlet-nightjar. Martinsville.

Ailuroedus crassirostris (Ptilonorhynchidae): Green Catbird. Bellbird Cl; Martinsville.

Alectura lathamii (Megapodiidae): Australian Brushturkey. Avondale CHE; Mandalong; Martinsville.

Alisterus scapularis (Psittacidae): Australian King-parrot. Freemans Waterhole.

Amalosia lesueurii (Diplodactylidae): Lesueur's Velvet Gecko. Avondale CHE; Heatons Lookout.

Amphibolurus muricatus (Agamidae): Jacky Lizard. Cooranbong; Martinsville.

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Anas castanea (Anatidae): Chestnut Teal. Cooranbong Pk; Dora Ck; Mandalong; Sandy Creek; Stockton Ck.

Anas gracilis (Anatidae): Grey Teal. Cooranbong Pk.

*Anas platyrhynchos** (Anatidae): Northern Mallard. Cooranbong Pk.

Anas rhynchotis (Anatidae): Australian Shoveler. Sandy Ck; Stockton Ck.

Anas superciliosa (Anatidae): Pacific Black Duck. Freemans Waterhole.

Anguilla australis (Anguillidae): Southern Shortfin Eel. Cooranbong Pk ponds.

Anguilla reinhardtii (Anguillidae): Longfin Eel. Upper Dora Ck

Anhinga melanogaster (Anhingidae): African Darter. Freemans Waterhole.

Anhinga novaehollandiae (Anhingidae): Australasian Darter. Stockton Ck.

Anous minutus (Laridae): Black Noddy. Dora Creek Estuary.

Antechinus flavipes (Dasyuridae): Yellow-footed Antechinus. Martinsville.

Antechinus stuartii (Dasyuridae): Brown Antechinus. Bellbird Cl; Martinsville.

Antechinus swainsonii (Dasyuridae): Dusky Antechinus. Avondale CHE; Plank Hill Rd; Freemans Dr N.

Anthochaera carunculata (Meliphagidae): Red Wattlebird. Dora Ck.

Anthochaera chrysoptera (Meliphagidae): Little Wattlebird. Freemans Waterhole; Martinsville.

Anthochaera lunulata (Meliphagidae): Western Wattlebird. Freemans Waterhole.

Anthochaera phrygia (Meliphagidae): Regent Honeyeater. Avondale BW; Felled Timber Ck Walk.

Anthus novaeseelandiae (Motacillidae): Australasian Pipit. Cut Rock Rd; Kings Rd; Watagan Pk Estate.

Aptychotrema rostrata (Trigonorrhinidae): Eastern Shovelnose Ray. Upper Dora Ck.

Apus pacificus (Accipitridae): Fork-tailed Swift. Freemans Waterhole.

Ardea alba (Ardeidae): Great Egret. Avondale CHE; Cooranbong.

Ardea ibis (Ardeidae): Cattle Egret. Martinsville.

Ardea intermedia (Ardeidae): Intermediate Egret. Dora Ck; Dora Ck Estuary; Matthews Valley Rd; Pringles Rd; Wyee Rd N.

Ardea modesta (Ardeidae): Eastern Great Egret. Martinsville; Morisset; Newport Rd.

Ardea pacifica (Procellariidae): White-necked Heron. Avondale CHE; Crooks Rd; Dora Ck; Mount Faulk Rd; Watagan Pk Est.

Ardenna grisea (Scolopacidae): Sooty Shearwater. Dora Creek Estuary.

Argyrosomus hololepidotus (Sciaenidae): Mullaway. Dora Ck Estuary.

Arothron stellatus (Tetraodontidae): Starry Puffer Fish. Dora Ck Estuary.

Arripis trutta (Arripidae): Eastern Australian Salmon. Dora Ck Estuary.

Artamus cyanopterus (Artamidae): Dusky Woodswallow. Martinsville; Matthews Valley Rd; Watagan Pk Est.

Artamus leucorhynchus (Artamidae): White-breasted Woodswallow. Dora Ck; Freemans Dr N; Matthews Valley Rd; Olney SF.

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Artamus personatus (Artamidae): Masked Woodswallow. Freemans Waterhole.

Artamus superciliosus (Artamidae): White-browed Woodswallow. Dora Ck; Martinsville; Matthews Valley Rd.

Austronomus australis (Molossidae): White-striped Freetail-bat. Mandalong Rd.

Aviceda subcristata (Accipitridae): Pacific Baza. Mandalong.

Aythya australis (Anatidae): Hardhead. Avondale CHE; Dora Ck Delta; Mandalong; Martinsville; Matthews Valley Rd.

Bellatorias major (Scincidae): Land Mullet. Avondale CHE; Cooranbong Pk; Sandy Creek; Stockton Ck.

Biziura lobata (Anatidae): Musk Duck. Dora Ck.

Boiga irregularis (Colubridae): Brown Tree Snake. Watagan Pk Est.

*Bos taurus** (Bovidae): European Cattle. Avondale; Mandalong; Martinsville.

Botaurus poiciloptilus (Ardeidae): Australasian Bittern. Mandalong; Matthews Valley Rd.

Burhinus grallarius (Burhinidae): Bush Stone Curlew. Mt Yambo.

Cacatua galerita (Cacatuidae): Sulphur-crested Cockatoo. Avondale; Martinsville.

Cacatua sanguinea (Cacatuidae): Little Corella. Avondale CHE; Dora Ck; Dora Ck Delta; Freemans Waterhole; Gimberts Rd; Mandalong Rd; Martinsville; Matthews Valley Rd; Morisset.

Cacatua tenuirostris (Cacatuidae): Long-billed Corella. Avondale CHE; Babers Rd; Cooranbong; Dora Ck; Kahiba St; Matthews Valley Rd; Presscot Rd; Searle Cl; Watagan Pk Est.

Cacomantis flabelliformis (Cuculidae): Fan-tailed Cuckoo. Freemans Waterhole; Mandalong.

Cacomantis pallidus (Cuculidae): Pallid Cuckoo. Dora Ck; Matthews Valley Rd; Watagan Pk Est; Wyee Rd N.

Cacomantis variolosus (Cuculidae): Brush Cuckoo. Mandalong.

Cacophis krefftii (Elapidae): Southern Dwarf Crowned Snake. Martinsville.

Cacophis squamulosus (Elapidae): Golden-crowned Snake. Avondale CHE.

Cairina moschata (Anatidae): Muscovy Duck. Cooranbong Pk.

Calidris acuminata (Scolopacidae): Sharp-tailed Stint. Cut Rock Rd.

Calidris ruficollis (Scolopacidae): Red-necked Stint. Freemans Waterhole; Gradwells Rd.

Caligavis chrysops (Meliphagidae): Yellow-faced Honeyeater. Freemans Waterhole; Martinsville.

Callocephalon fimbriatum (Cacatuidae): Gang-gang Cockatoo. Babers Rd N.

Calyptorhynchus banksi (Cacatuidae): Red-tailed Black Cockatoo. Avondale; Freemans Waterhole; Martinsville.

Calyptorhynchus funereus (Cacatuidae): Yellow-tailed Black Cockatoo. Avondale CHE; Felled Timber Ck W; Mandalong.

Calyptorhynchus lathami (Cacatuidae): Glossy Black Cockatoo. Mandalong.

*Canis familiaris** (Canidae): Dog. Watagan State Forest.

Canis lupus dingo (Canidae): Dingo. Martinsville; Bellbird Cl.

*Capra hircus** (Bovidae): Goat. Heaton State Forest; Mandalong Rd.



Chelodina longicollis

Photo T. Annable

- Carcharinus leucas* (Carcharhinidae): Bull Shark. Dora Ck Estuary.
- Carduelis carduelis** (Fringillidae): European Goldfinch. Avondale CHE; Cooranbong; Freemans Waterhole.
- Caretta caretta* (Cheloniidae): Loggerhead Turtle. Dora Ck Estuary.
- Carlia vivax* (Scincidae): Rainbow Skink. Gap Ck Rd.
- Centropus phasianinus* (Centropodidae): Pheasant Coucal. Faryreemans Waterhole; Mandalong.
- Cercartetus nanus* (Burramyidae): Pygmy Possum. Martinsville; Watagan Forest.
- Cervus elaphus** (Cervidae): Red Deer. Mandalong.
- Ceyx azureus* (Alcedinidae): Azure Kingfisher. Freemans Waterhole; Mandalong.
- Chalcophaps indica* (Columbidae): Emerald Dove. Avondale CHE; Heatons Lookout; Matthews Valley Rd.
- Chalinolobus dwyeri* (Vespertilionidae): Large Pied Bat. Martinsville; Palmers Rd.
- Chalinolobus gouldii* (Vespertilionidae): Gould's Wattled Bat. Avondale School; Dora Creek; Martinsville Rd; Newport Rd.
- Chalinolobus morio* (Vespertilionidae): Chocolate Wattled Bat. Freemans Waterhole; Martinsville.
- Charadrius bicinctus* (Charadriidae): Double-banded Plover. Matthews Valley Rd.
- Charadrius ruficapillus* (Charadriidae): Red-capped Plover. Mandalong.
- Chelodina longicollis* (Chelidae): Eastern Snake-necked Turtle. Freemans Dr; Martinsville Rd; Newport Rd.
- Chelonia mydas* (Cheloniidae): Green Turtle. Dora Ck Estuary.
- Chenonetta jubata* (Anatidae): Australian Wood Duck. Freemans Waterhole; Mandalong.
- Cheramoeca leucosterna* (Hirundinidae): White-backed Swallow. Freemans Waterhole.
- Chlidonias hybrida* (Laridae): Whiskered Tern. Dora Ck Estuary.
- Chroicocephalus novaehollandiae* (Laridae): Silver Gull. Avondale CHE; Bridge St; Dora Ck; Dora Ck Estuary; Freemans Waterhole; Martinsville; Sauls Rd.
- Chrysococcyx basalis* (Cuculidae): Horsfield's Bronze-cuckoo. Cooranbong; Mandalong Rd; Matthews Valley Rd.
- Chrysococcyx lucidus* (Cuculidae): Shining Bronze-cuckoo. Cooranbong.
- Chthonicola sagittata* (Acanthizidae): Speckled Warbler. Matthews Valley Rd; Mandalong.
- Cincloramphus cruralis* (Megaluridae): Brown Songlark. Matthews Valley Rd; Olney State Forest.
- Cinclosoma punctatum* (Psophodidae): Spotted Quail-thrush. Martinsville.
- Circus approximans* (Accipitridae): Swamp Harrier. Dora Ck; Mandalong Rd; Matthews Valley Rd.
- Circus assimilis* (Accipitridae): Spotted Harrier. Mandalong.
- Cisticola exilis* (Cisticolidae): Golden-headed Cisticola. Avondale CHE.
- Climacteris affinis* (Climacteridae): White-browed Treecreeper. Mount Faulk Rd.

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- Climacteris erythrops* (Climacteridae): Red-browed Treecreeper. Macquarie St; Mandalong Rd; Matthews Valley Rd.
- Climacteris melanura* (Climacteridae): Black-tailed Treecreeper. Martinsville.
- Climacteris picumnus* (Climacteridae): Brown Treecreeper. Martinsville.
- Colluricincla harmonica* (Pachycephalidae): Grey Shrike-thrush. Freemans Waterhole; Martinsville.
- Columba leucomela* (Columbidae): White-headed Pigeon. Sanitarium factory area.
- Columba livia** (Columbidae): Rock Dove. Freemans Waterhole.
- Conncinna tenuis* (Scincidae): Barred-sided Skink. Avondale CHE; Cooranbong; Freemans Waterhole.
- Coracina lineata* (Campephagidae): Yellow-eyed Cuckoo-shrike. Avondale CHE; Freemans Waterhole.
- Coracina novaehollandiae* (Campephagidae): Black-faced Cuckoo-shrike. Matthews Valley Rd; Watagan Rd.
- Coracina papuensis* (Campephagidae): White-bellied Cuckoo-shrike. Freemans Waterhole.
- Coracina tenuirostris* (Campephagidae): Cicadabird. Avondale CHE; Cooranbong; Mandalong.
- Corcorax melanorhamphos* (Corcoracidae): White-winged Chough. Martinsville.
- Cormobates leucophaea* (Climacteridae): White-throated Treecreeper. Freemans Waterhole; Martinsville.
- Corvus coronoides* (Corvidae): Australian Raven. Freemans Waterhole; Martinsville.
- Corvus mellori* (Corvidae): Little Raven. Mandalong Rd; Matthews Valley Rd.
- Corvus orru* (Corvidae): Torresian Crow. Matthews Valley Rd.
- Coturnix pectoralis* (Phasianidae): Stubble Quail. Matthews Valley Rd.
- Cracticus nigrogularis* (Artamidae): Pied Butcherbird. Freemans Waterhole.
- Cracticus tibicen* (Artamidae): Australian Magpie. Avondale CHE; Babers Rd N; Dora Ck; Freemans Waterhole; Martinsville.
- Cracticus torquatus* (Artamidae): Grey Butcherbird. Freemans Waterhole.
- Crinia signifera* (Myobatrachidae): Common Eastern Froglet. Avondale CHE; Freemans Waterhole; Martinsville.
- Crinia tinnula* (Myobatrachidae): Tinkling Froglet. Avondale CHE; Babers Rd N.
- Cryptoblepharus virgatus* (Scincidae): Cream-striped Shinning-skink. Freemans Dr S; Newport Rd.
- Cryptophis nigrescens* (Elapidae): Eastern Small-eyed Snake. Bellbird Cl; Martinsville.
- Ctenotus robustus* (Scincidae): Robust Ctenotus. Martinsville.
- Ctenotus taeniolatus* (Scincidae): Copper-tailed Skink. Dora Ck.
- Cuculus optatus* (Cuculidae): Oriental Cuckoo. Avondale CHE.
- Cuculus saturatus* (Cuculidae): Himalayan Cuckoo. Matthews Valley Rd.
- Cyclodomorphus gerrardii* (Scincidae): Pink-tongued Skink. Avondale ARV; Bellbird Cl.
- Cyclodomorphus michaeli* (Scincidae): Mainland She-oak Skink. Dora Ck.
- Cygnus atratus* (Anatidae): Black Swan. Avondale CHE; Dora Ck.

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- Cyprinus carpio** (Cyprinidae): European Carp. Upper Dora Ck.
Dacelo novaeguineae (Alcedinidae): Laughing Kookaburra. Dora Ck; Mandalong.
*Dama dama** (Cervidae): Fallow Deer. Mandalong.
Daphoenositta chrysoptera (Neosittidae): Varied Sittella. Avondale; Martinsville.
Dasyatis fluviorum (Dasyatidae): Estuary Stingray. Dora Ck Estuary.
Dasyornis brachypterus (Dasyornithidae): Eastern Bristlebird. Matthews Valley Rd.
Dasyurus maculatus (Dasyuridae): Spotted-tailed Quoll. Martinsville; Mandalong.
Delma plebeia (Pygopodidae): Leaden Delma. Avondale Rd; Newport Rd.
Demansia psammophis (Elapidae): Yellow-faced Whip Snake. Martinsville.
Dendrelaphis punctulatus (Colubridae): Common Tree Snake. Avondale CHE; Cooranbong; Freemans Waterhole.
Dicotylichthys punctulatus (Diodontidae): Threebar Porcupine Fish. Dora Ck Estuary.
Dicrurus bracteatus (Dicruridae): Spangled Drongo. Cooranbong; Mandalong; Matthews Valley Rd.
Diomedea epomophora (Diomedidae): Royal Albatross. Dora Ck Estuary.
Eclectus roratus (Psittacidae): Eclectus Parrot. Mandalong.
Egernia cunninghami (Scincidae): Cunningham's Skink. Martinsville.
Egretta alba (Ardeidae): Large Egret. Avondale CHE.
Egretta garzetta (Ardeidae): Little Egret. Dora Ck; Dora Ck Estuary; Martinsville; Watagans NP.
Egretta novaehollandiae (Ardeidae): White-faced Heron. Freemans Waterhole; Martinsville.
Egretta picata (Ardeidae): Pied Heron. ?
Elagatis bipinnulata (Carangidae): Rainbow Runner Fish. Dora Ck Estuary.
Elanus axillaris (Accipitridae): Black-shouldered Kite. Avondale CHE; Heaton's Lookout; Matthews Valley Rd.
Elseya melanops (Charadriidae): Black-fronted Dotterel. Dora Ck; Matthews Valley Rd.
Entomyzon cyanotis (Meliphagidae): Blue-faced Honeyeater. Matthews Valley Rd.
Eolophus roseicapillus (Cacatuidae): Galah. Freemans Waterhole.
Eopsaltria australis (Petroicidae): Eastern Yellow Robin. Freemans Waterhole; Martinsville.
Eopsaltria georgiana (Petroicidae): White-breasted Robin. Cooranbong.
Eopsaltria griseogularis (Petroicidae): Western Yellow Robin. Cooranbong.
Ephippiorhynchus asiaticus (Ciconiidae): Black-necked Stork. Avondale CHE; Cooranbong; Dora Ck; Wyee Rd N.
Epthianura albifrons (Meliphagidae): White-fronted Chat. ?
*Equus caballus** (Equidae): Brumby. Mandalong; Martinsville.
Eudynamis orientalis (Cuculidae): Eastern Koel. Dora C.c; Palmer Rd.
Eudynamis scolopacea (Cuculidae): Asian Koel. Babers Rd N; Freemans Waterhole; Martinsville.
Eudyptula minor (Spheniscidae): Little Penguin. Dora Creek Estuary.
Eulamprus quoyii (Scincidae): Eastern Water-skink. Avondale CHE; Babers Rd; Watagan Pk Est.
Eulamprus sp. (Scincidae): Ring-tailed Skink (undescribed). Cooranbong.

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- Eurostopodus mystacalis* (Caprimulgidae): White-throated Nightjar. Martinsville.
Eurystomus orientalis (Coraciidae): Dollarbird. Freemans Waterhole; Martinsville
Excalfactoria chinensis (Phasianidae): Swamp Quail. ?
Falco berigora (Falconidae): Brown Falcon. Avondale CHE; Matthews Valley Rd; Morisset.
Falco cenchroides (Falconidae): Nankeen Kestrel. Matthews Valley Rd; Morisset; Dora Ck.
Falco longipennis (Falconidae): Australian Hobby. Cooranbong; Dora Ck; Matthews Valley Rd.
Falco peregrinus (Falconidae): Peregrine Falcon. Cooranbong; Dora Ck; Freemans Waterhole; Mandalong.
Falco subniger (Falconidae): Black Falcon. Avondale CHE; Watagans.
Falcunculus frontatus (Pachycephalidae): Crested Shrike-tit. Freemans Waterhole; Mandalong; Matthews Valley Rd.
Falsistrellus tasmaniensis (Vespertilionidae): Eastern False Pipistrelle Bat. Mandalong.
*Felis catus** (Felidae): Cat. Cooranbong; Mandalong.
Fulica atra (Rallidae): Eurasian Coot. Avondale CHE.
Furina diadema (Elapidae): Red-naped Snake. Cooranbong; Freemans Waterhole.
Galaxias maculatus (Galaxiidae): Common Galaxias. Upper Dora Ck.
Gallinago hardwickii (Scolopacidae): Latham's Snipe. Cooranbong; Deaves Rd; Mandalong; Matthews Valley Rd; Morisset.
Gallinula tenebrosa (Rallidae): Dusky Moorhen. Avondale CHE; Cooranbong; Dora Ck; Dora Ck. Estuary; Freemans Waterhole; Martinsville; Matthews Valley Rd.
Gallirallus philippensis melleri (Rallidae): Buff-banded Rail. Matthews Valley Rd.
*Gallus gallus** (Phasianidae): Red Junglefowl. Mandalong.
*Gambusia holbrooki** (Poeciliidae): Eastern Gambusia. Avondale CHE; Babers Rd N; Dora Ck.
Gavicalis virescens (Meliphagidae): Singing Honeyeater. Mandalong.
Gehyra variegata (Gekkonidae): Tree Detella. Prescott Ave.
Geopelia cuneata (Columbidae): Diamond Dove. Matthews Valley Rd.
Geopelia humeralis (Columbidae): Bar-shouldered Dove. Freemans Waterhole; Martinsville.
Geopelia striata (Columbidae): Peaceful Dove. Avondale CHE; Dora Ck; Mandalong; Matthews Valley Rd.
Gerres subfasciatus (Gerreidae): Common Silverbiddy. Avondale CHE; Dora Ck Estuary.
Gerygone levigaster (Acanthizidae): Mangrove Gerygone. Pringles Rd.
Gerygone mouki (Acanthizidae): Brown Gerygone. Freemans Waterhole.
Gerygone olivacea (Acanthizidae): White-throated Gerygone. Avondale CHE; Conleys Rd; Dora Ck; Gimberts Rd; Martinsville; Matthews Valley Rd; Morisset IA; Newport Rd.
Glossopsitta concinna (Psittacidae): Musk Lorikeet. Freemans Waterhole.
Gobiomorphus australis (Eleotridae): Striped Gudgeon. Dora Creek Estuary.
Gobiomorphus coxii (Eleotridae): Cox's Gudgeon. Upper Dora Creek.
Gollum attenuatus (Pseudotriakidae): Leopard Shark. Dora Creek Estuary.

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- Grallina cyanoleuca* (Monarchidae): Magpie-lark. Avondale CHE; Babers Rd N.
Haematopus fuliginosus (Haematopodidae): Sooty Oystercatcher. Avondale CHE.
Haematopus longirostris (Haematopodidae): Australian Pied Oystercatcher. Dora Ck; Dora Ck Estuary; Martinsville.
Haliaeetus leucogaster (Accipitridae): White-bellied Sea-eagle. Avondale CHE; Dora Ck; Dora Ck Estuary; Matthews Valley Rd; Morisset.
Haliastur indus (Accipitridae): Brahminy Kite. Dora Ck.
Haliastur sphenurus (Accipitridae): Whistling Kite. Avondale CHE; Dora Ck; Martinsville; Matthews Valley Rd; Morisset.
Heleioporus australiacus (Limnodynastidae): Giant Burrowing Frog. Watagan Forest Rd.
Hemiaspis signata (Elapidae): Black-bellied Swamp Snake. Macquarie St.
Hieraaetus morphnoides (Accipitridae): Little Eagle. Matthews Valley Rd.
Himantopus himantopus (Recurvirostridae): Black-winged Stilt. Dora Ck; Dora Ck Estuary; Martinsville; Matthews Valley Rd.
Hirundapus caudacutus (Apodidae): White-throated Needletail. Freemans Waterhole; Babers Rd N.
Hirundo neoxena (Hirundinidae): Welcome Swallow. Freemans Waterhole; Martinsville.
Hoplocephalus bitorquatus (Elapidae): Pale-headed Snake. Dora Ck; Freemans Dr; Martinsville.
Hoplocephalus stephensii (Elapidae): Stephens' Banded Snake. Searle Close.
Hydromys chrysogaster (Muridae): Water-rat. Cooranbong; Mandalong.
Hydroprogne caspia (Laridae): Caspian Tern. Freemans Waterhole; Martinsville.
Hylacola pyrrhopygia (Acanthizidae): Chestnut-rumped Heathwren. Heatons Lookout; Martinsville.
Hyporhamphus melanochir (Hemirhamphidae): Eastern Sea Garfish. Dora Ck Estuary.
Hyporhamphus regularis (Hemirhamphidae): River Garfish. Dora Ck Estuary.
Hypseleotris compressa (Eleotridae): Empire Gudgeon. Upper Dora Ck.
Hypseleotris galii (Eleotridae): Firetail Gudgeon. Upper Dora Ck.
Hypsilurus spinipes (Agamidae): Southern Angle-headed Dragon. Martinsville; Matthews Valley Rd.
Intellagama lesueurii (Agamidae): Eastern Water Dragon. Alton Rd; Avondale CHE; Lower Dora Ck; Martinsville Rd.
Irediparra gallinacea (Jacanidae): Comb-crested Jacana. Mandalong.
Ixobrychus flavicollis (Ardeidae): Black Bittern. Dora Creek Estuary; Stockton Ck; Upper Dora Creek.
Kathetostoma laevis (Uranoscopidae): Common Stargazer Fish. Dora Creek Estuary.
Lalage sueurii (Campephagidae): White-winged Triller. Freemans Waterhole; Mandalong; Martinsville.
Lampropholis delicata (Scincidae): Dark-flecked Garden Sunskink. Avondale BW; Felled timber Ck Walk.
Lampropholis guichenoti (Scincidae): Pale-flecked Garden Sunskink. Avondale GW; Martinsville.

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- Lampropholis mustelina* (Scincidae): Weasel Skink. Martinsville.
Larus pacificus (Laridae): Pacific Gull. Dora Ck Estuary.
Lathamus discolor (Psittacidae): Swift Parrot. Coorumbung Rd; Goodwins Rd; Macquarie St; Morisset Showground; Sauls Rd.
Lechriodus fletcheri (Limnodynastidae): Fletcher's Frog. Martinsville.
*Lepus capensis** (Leporidae): Brown Hare. Avondale CHE; Babers Rd; Mandalong.
Leucosarcia melanoleuca (Columbidae): Wonga Pigeon. Freemans Waterhole.
Lewinia pectoralis (Rallidae): Lewin's Rail. Kahiba St.
Lialis burtonis (Pygopodidae): Burton's Snake-lizard. Avondale CHE.
Lichenostomus chrysops (Meliphagidae): Yellow-faced Honeyeater. ?
Lichenostomus melanops (Meliphagidae): Yellow-tufted Honeyeater. Cooranbong.
Lichmera indistincta (Meliphagidae): Brown Honeyeater. Avondale CHE; Martinsville; Matthews Valley Rd.
Limnodynastes dumerilii dumerilii (Limnodynastidae): Banjo Frog. Dora Ck; Mandalong; Marconi Rd; Martinsville.
Limnodynastes dumerilii grayi (Limnodynastidae): Gray's Banjo Frog. Freemans Dr S.
Limnodynastes peronii (Limnodynastidae): Brown-Striped Frog. Avondale CHE; Freemans Waterhole; Martinsville.
Limnodynastes tasmaniensis (Limnodynastidae): Spotted Grass Frog. Avondale CHE; Martinsville.
Limosa lapponica (Scolopacidae): Bar-tailed Godwit. Mount Nellinda Rd; Newport Rd.
Litoria aurea (Hylidae): Green and Golden Bell Frog. Avondale CHE.
Litoria brevipalmata (Hylidae): Green-thighed Frog. Martinsville Rd; Matthews Valley Rd.
Litoria caerulea (Hylidae): Green Tree Frog. Martinsville Rd S; Newport Rd; Silver Cup Cl.
Litoria chloris (Hylidae): Red-eyed Tree Frog. Martinsville.
Litoria citropa (Hylidae): Blue Mountains Tree Frog. Martinsville; Watagan Rd.
Litoria dentata (Hylidae): Bleating Tree Frog. Avondale CHE; Freemans Waterhole.
Litoria fallax (Hylidae): Eastern Dwarf Tree Frog. Avondale CHE; Freemans Waterhole; Martinsville.
Litoria freycineti (Hylidae): Freycinet's Frog. Watagan National Pk.
Litoria jervisiensis (Hylidae): Jervis Bay Tree Frog. Gimberts Rd; Martinsville.
Litoria latopalmata (Hylidae): Broad-palmed Frog. Alton Rd; Cooranbong; Gimberts Rd; Mandalong; Marconi Rd; Russell Rd.
Litoria lesueuri (Hylidae): Lesueur's Frog. Freemans Waterhole.
Litoria littlejohni (Hylidae): Heath Frog. Avondale CHE.
Litoria pearsoniana (Hylidae): Pearson's Frog. Gap Creek.
Litoria peronii (Hylidae): Peron's Tree Frog. Martinsville.
Litoria phyllochroa (Hylidae): Green Stream Frog. Gap Creek; Mandalong.
Litoria revelata (Hylidae): Revealed Frog. Mandalong; Martinsville.

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Litoria tyleri (Hylidae): Tyler's Tree Frog. Martinsville.

Litoria verreauxii (Hylidae): Verreaux's Tree Frog. Avondale CHE; Awaba State Forest; Mandalong; Martinsville.

Litoria wilcoxii (Hylidae): Wilcox's Frog. Watagan National Pk.

Lonchura castaneothorax (Estrildidae): Chestnut-breasted Mannikin. Watagans.

Lophoictinia isura (Accipitridae): Square-tailed Kite. Avondale CHE; Mandalong Rd; Morisset.

Lopholaimus antarcticus (Columbidae): Topknot Pigeon. Freemans Waterhole.

Lutjanus kasmira (Lutjanidae): Blue-striped Snapper. Dora Ck Estuary.

Lygisaurus foliorum (Scincidae): Tree-base Litter-skink. Currans Rd.

Macquaria novemaculeata (Percichthyidae): Australian Bass. Upper Dora Ck.

Macropus giganteus (Macropodidae): Eastern Grey Kangaroo. Bonnels Bay; Martinsville.

Macropus parma (Macropodidae): Parma Wallaby. Martinsville.

Macropygia amboinensis (Columbidae): Brown Cuckoo-dove. Cooranbong; Gap Ck Res; Mandalong; Martinsville; Morisset.

Malacorhynchus membranaceus (Anatidae): Pink-eared Duck. Mandalong; Martinsville.

Malurus cyaneus (Maluridae): Superb Fairy-wren. Heatons State Forest.

Malurus lamberti (Maluridae): Variegated Fairy-wren. Freemans Waterhole.

Manorina melanocephala (Meliphagidae): Noisy Miner. Freemans Waterhole; Martinsville.

Manorina melanophrys (Meliphagidae): Bell Miner. Freemans Waterhole; Martinsville.

Megalurus gramineus (Megaluridae): Little Grassbird. Martinsville; Matthews Valley Rd.

Megalurus timoriensis (Megaluridae): Tawny Grassbird. Matthews Valley Rd.

Meliphaga lewinii (Meliphagidae): Lewin's Honeyeater. Freemans Waterhole.

Melithreptus brevirostris (Meliphagidae): Brown-headed Honeyeater. Cooranbong; Gimberts Rd; Martinsville; Morisset.

Melithreptus gularis (Meliphagidae): Black-chinned Honeyeater. Mandalong.

Melithreptus lunatus (Meliphagidae): White-naped Honeyeater. Mount Yambo.

Melomys burtoni (Muridae): Grassland Melomys. Matthews Valley Rd.

Menura novaehollandiae (Menuridae): Superb Lyrebird. Freemans Waterhole; The Pines.

Merops ornatus (Meropidae): Rainbow Bee-eater. Dora Ck Delta.

Meuschenia freycineti (Monacanthidae): Sixspine Leatherjacket. Dora Ck Estuary.

Meuschenia trachylepis (Monacanthidae): Yellowfin Leatherjacket. Dora Ck Estuary.

Microcanthus strigatus (Microcanthidae): Stripey Fish. Dora Ck Estuary.

Microcarbo melanoleucos (Phalacrocoracidae): Little Pied Cormorant. Cooranbong; Dora Ck; Mandalong; Martinsville; Morisset.

Microeca fascinans (Petroicidae): Jacky Winter. Cooranbong; Dora Ck; Mandalong; Martinsville; Morisset.

Miniopterus australis (Miniopteridae): Little Bentwing Bat. Martinsville.

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- Miniopterus schreibersii oceanensis* (Miniopteridae): Eastern Bentwing Bat. Avondale CHE; Cooranbong Pk; Hawkmount Rd; Matthews Valley Rd; Mount Nelinda Rd; Freemans Waterhole.
- Mixophyes balbus* (Myobatrachidae): Stuttering Frog. Mandalong.
- Mixophyes fasciolatus* (Myobatrachidae): Great Barred Frog. Freemans Waterhole; Watagan NP.
- Mixophyes iteratus* (Myobatrachidae): Giant Barred Frog. Martinsville N.
- Monacanthus chinensis* (Monacanthidae): Fanbelly Leatherjacket. Dora Ck Estuary.
- Monarcha melanopsis* (Monarchidae): Black-faced Monarch. Freemans Waterhole. Avondale Cemetery; Awaba State Forest; Heaton State Forest; Mandalong; Martinsville.
- Monodactylus argenteus* (Monodactylidae): Diamond Fish. Dora Ck Estuary.
- Morelia spilota spilota* (Pythonidae): Diamond Python. Avondale CHE; Bellbird Cl; Freemans Dr S; Kennedy Cl; Martinsville; Meyers Cr.
- Morelia spilota variegata* (Pythonidae): Carpet Python. Cooranbong.
- Mormopterus ridei* (Molossidae): Ride's Freetail-bat. Mandalong.
- Mormopterus norfolkensis* (Molossidae): Eastern Freetail-bat. Alton Rd; Gradwells Rd; Osland Rd; Palmers Rd.
- Mormopterus planiceps* (Molossidae): Little Mastiff Bat. Dora C.c; Mirrabooka; Pulba Island.
- Motacilla flava* (Motacillidae): Yellow Wagtail. Matthews Valley Rd.
- Mugil cephalus* (Mugilidae): Sea Mullet. Dora Ck Estuary.
- Mus musculus* (Muridae): House Mouse. Avondale CHE; Babers Rd.
- Myiagra cyanoleuca* (Monarchidae): Satin Flycatcher. Avondale CHE; Freemans Waterhole; Matthews Valley Rd.
- Myiagra inquieta* (Monarchidae): Restless Flycatcher. Martinsville; Morisset.
- Myiagra rubecula* (Monarchidae): Leaden Flycatcher. Freemans Waterhole.
- Myotis macropus* (Vespertilionidae): Large-footed Myotis Bat. Alton Rd; Martinsville Rd; Mount Nellinda Rd; Stockton Ck.
- Myzomela sanguinolenta* (Meliphagidae): Scarlet Honeyeater. Alton Rd; Avondale CHE; Dora Ck; Stockton Ck.
- Natator depressus* (Cheloniidae): Flatback Turtle. Dora Ck Estuary.
- Nebulifera robusta* (Diplodactylidae): Robust Velvet Gecko. Avondale CHE; Babers Rd; Bonnels Bay; Martinsville; N. Turrumurra.
- Neochmia temporalis* (Estrildidae): Red-browed Finch. Freemans Waterhole.
- Neophema pulchella* (Psittacidae): Turquoise Parrot. Martinsville.
- Nesoptilotis leucotis* (Meliphagidae): White-eared Honeyeater. Mandalong; Watagan Pk.
- Ninox connivens* (Strigidae): Barking Owl. Avondale CHE; Mandalong; Martinsville; Stockton Ck.
- Ninox novaeseelandiae* (Strigidae): Boobook Owl. Freemans Waterhole.
- Ninox strenua* (Strigidae): Powerful Owl. Avondale BW; Felled timber Ck Walk.
- Northiella haematogaster* (Psittacidae): Blue Bonnet. Awaba SF.
- Notamacropus rufogriseus* (Macropodidae): Red-necked Wallaby. Bellbird Cl; Martinsville.

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- Notechis scutatus* (Elapidae): Tiger Snake. Watagan SF.
Notesthes robusta (Tetrarogidae): Bullrout. Dora Ck Estuary.
Nycticorax caledonicus (Ardeidae): Nankeen Night-heron. Freemans Waterhole.
Nyctophilus geoffroyi (Vespertilionidae): Lesser Long-eared Bat. Babers Rd N; Freemans Waterhole; Martinsville.
Nyctophilus gouldi (Vespertilionidae): Gould's Long-eared Bat. Freemans Waterhole.
Ocyphaps lophotes (Columbidae): Crested Pigeon. Martinsville.
Oedura tryoni (Diplodactylidae): Southern Spotted Velvet Gecko. Central Rd.
Onychoprion anaethetus (Laridae): Bridled Tern. Awaba SF.
Oreoica gutturalis (Pachycephalidae): Crested Bellbird. ?
Origma solitaria (Acanthizidae): Rockwarbler. Matthews Valley; Watagan Rd.
Oriolus sagittatus (Oriolidae): Olive-backed Oriole. Freemans Waterhole.
Ornithorhynchus anatinus (Ornithorhynchidae): Platypus. Upper Dora Ck; Lower Dora Ck; Sandy Ck; Stockton Ck.
Orthonyx temminckii (Orthonychidae): Australian Logrunner. Heatons Lookout; Martinsville.
*Oryctolagus cuniculus** (Leporidae): Rabbit. Avondale CHE; Mandalong.
Osphranter robustus (Macropodidae): Common Wallaroo. Avondale CHE; Mandalong.
Ostorhinchus fasciatus (Apogonidae): Bar-striped Cardinal Fish. Dora Ck Estuary.
Oxyura australis (Anatidae): Blue-billed Duck. ?
Pachycephala olivacea (Pachycephalidae): Olive Whistler. Freemans Waterhole; Martinsville.
Pachycephala pectoralis (Pachycephalidae): Golden Whistler. Freemans Waterhole.
Pachycephala rufiventris (Pachycephalidae): Rufous Whistler. Martinsville.
Pagrus auratus (Sparidae): Squirefish. Dora Ck Estuary.
Pamborus viridis (Carabidae): Metallic Green Ground Beetle, Babers Rd N.
Pandion cristatus (Accipitridae): Eastern Osprey. Avondale CHE; Dora Ck.
Pandion haliaetus (Accipitridae): Osprey. Dora Ck; Morisset; Stockton Ck.
Paracrinia haswelli (Myobatrachidae): Haswell's Frog. Mandalong.
Parasuta spectabilis (Elapidae): Spectacled Hooded Snake. Martinsville.
Pardalotus punctatus (Pardalotidae): Spotted Pardalote. Mandalong.
Pardalotus striatus (Pardalotidae): Striated Pardalote. Freemans Waterhole; Martinsville.
Parvipsitta pusilla (Psittacidae): Little Lorikeet. Heatons Lookout.
*Passer domesticus** (Passeridae): House Sparrow. Avondale CHE.
*Pavo cristatus** (Phasianidae): Indian Peafowl. Bellbird Cl.
Pelates sexliniatus (Terapontidae): Eastern Striped Grunter. Dora Ck Estuary.
Pelecanus conspicillatus (Pelecanidae): Australian Pelican. Lower Dora Ck.
Perameles nasuta (Peramelidae): Long-nosed Bandicoot. Avondale GW; Martinsville.
Petauroides volans (Pseudocheiridae): Greater Glider. Freemans Waterhole.
Petaurus australis (Petauridae): Yellow-bellied Glider. Freemans Waterhole; Martinsville.

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- Petaurus breviceps* (Petauridae): Sugar Glider. Avondale CHE; Freemana Waterhole; Martinsville; Mount Yambo.
- Petaurus norfolcensis* (Petauridae): Squirrel Glider. Awaba St; Hawkmount Rd; Kahiba Rd; Martinsville; Morisset Cem; Russell Rd.
- Petrochelidon ariel* (Hirundinidae): Fairy Martin. Avondale CHE; Cooranbong Pk; Mandalong; Martinsville.
- Petrochelidon nigricans* (Hirundinidae): Tree Martin. Avondale CHE; Gimberts Rd; Mandalong; Watagan Pk.
- Petrogale penicillata* (Macropodidae): Brush-tailed Rock-wallaby. Martinsville; Watagan Rd.
- Petroica boodang* (Petroicidae): Scarlet Robin. Martinsville.
- Petroica multicolor* (Petroicidae): Pacific Robin. Mandalong.
- Petroica rosea* (Petroicidae): Rose Robin. Avondale CHE; Cooranbong Pk; Martinsville; Morisset.
- Phalacrocorax carbo* (Phalacrocoracidae): Great Cormorant. Avondale; Dora Creek.
- Phalacrocorax sulcirostris* (Phalacrocoracidae): Little Black Cormorant. Freemans Waterhole.
- Phalacrocorax varius* (Phalacrocoracidae): Pied Cormorant. Dora Creek.
- Phaps chalcoptera* (Columbidae): Common Bronzewing. Freemans Waterhole; Martinsville; Mount Yambo.
- Phaps elegans* (Columbidae): Brush Bronzewing. Mandalong; Martinsville; Morisset; Palmers Rd.
- Phaps histrionica* (Columbidae): Flock Bronzewing. ?
- Phascogale tapoatafa* (Dasyuridae): Brush-tailed Phascogale. Matthews Valley Rd; Sauls Rd.
- Phascolarctos cinereus* (Phascolarctidae): Koala. Freemans Waterhole.
- Philemon citreogularis* (Meliphagidae): Little Friarbird. Freemans Waterhole.
- Philemon corniculatus* (Noisy Friarbird): Meliphagidae. Freemans Waterhole; Martinsville; Mount Yambo.
- Philypnodon grandiceps* (Eleotridae): Flathead Gudgeon. Upper Dora Ck.
- Philypnodon macrostomus* (Eleotridae): Dwarf Flathead Gudgeon. Upper Dora Ck.
- Phoniscus papuensis* (Vespertilionidae): Golden-tipped Bat. Redbank Rd.
- Phylidonyris niger* (Meliphagidae): White-cheeked Honeyeater. Avondale CHE; Heaton State Forest.
- Phylidonyris novaehollandiae* (Meliphagidae): New Holland Honeyeater. Mandalong; Avondale Rd.
- Phylidonyris pyrrhoptera* (Meliphagidae): Crescent Honeyeater. Mandalong.
- Phyllurus platurus* (Carphodactylidae): Broad-tailed Gecko. Babers Rd; One-tree Hill; Freemans Waterhole; Martinsville.
- Pitta versicolor* (Pittidae): Noisy Pitta. Martinsville.
- Platalea flavipes* (Threskiornithidae): Yellow-billed Spoonbill. Bellbird Cl.
- Platalea regia* (Threskiornithidae): Royal Spoonbill. Bellbird Cl.
- Platycephalus fuscus* (Platycephalidae): Dusky Flathead. Upper Dora Ck.
- Platycercus elegans* (Psittacidae): Crimson Rosella. Freemans Waterhole; Martinsville.



Pygopus lepidopodus

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- Platycercus eximius* (Psittacidae): Eastern Rosella. Martinsville.
- Platyplectrum ornatum* (Limnodynastidae): Ornate Burrowing Frog. Cooranbong; Martinsville.
- Plectorhyncha lanceolata* (Meliphagidae): Striped Honeyeater. Dora Creek Estuary.
- Plegadis falcinellus* (Threskiornithidae): Glossy Ibis. Martinsville.
- Podargus strigoides* (Podargidae): Tawny Frogmouth. Bellbird Cl; Freemans Waterhole; Martinsville.
- Pogona barbata* (Agamidae): Eastern Bearded Dragon. One-tree Hill; Freemans Waterhole; Martinsville.
- Poliiocephalus poliocephalus* (Podicipedidae): Hoary-headed Grebe. Avondale CHE; Martinsville.
- Pomatomus saltatrix* (Pomatomidae): Tailor Fish. Dora Ck Estuary.
- Pomatostomus ruficeps* (Pomatostomidae): Chestnut-crowned Babbler. Mandalong.
- Pomatostomus temporalis* (Pomatostomidae): Grey-crowned Babbler. Martinsville.
- Porphyrio porphyrio* (Rallidae): Purple Swampphen. Babers Rd N.
- Porzana fluminea* (Rallidae): Australian Spotted Crake. Martinsville.
- Porzana pusilla* (Rallidae): Baillon's Crake. Gap Creek.
- Potorous tridactylus* (Potoroidae): Long-nosed Potoroo. Watagan Mountains.
- Psephotus haematonotus* (Psittacidae): Red-rumped Parrot. Martinsville; Watagan Forest Rd; Watagan Pk.
- Pseudechis porphyriacus* (Elapidae): Red-bellied Black Snake. Avondale CHE; Freemans Waterhole; Martinsville; Mount Yambo.
- Pseudocaranx dentex* (Carangidae): Silver trevally. Dora Ck Estuary.
- Pseudocheirus peregrinus* (Pseudocheiridae): Common Ringtail Possum. Avondale; Martinsville.
- Pseudogobius olorum* (Gobiidae): Bluespot Goby. Dora Ck Estuary.
- Pseudomys novaehollandiae* (Muridae): New Holland Mouse. Awaba St; Mandalong.
- Pseudophryne australis* (Myobatrachidae): Red-crowned Toadlet. Avondale CHE.
- Pseudophryne bibronii* (Myobatrachidae): Bibron's Toadlet. Martinsville.
- Pseudophryne coriacea* (Myobatrachidae): Red-backed Toadlet. Freemans Waterhole; Martinsville.
- Psophodes cristatus* (Psophodidae): Chirruping Wedgebill. Freemans Waterhole; Martinsville.
- Psophodes olivaceus* (Psophodidae): Eastern Whipbird. Conleys Rd.
- Pteropus poliocephalus* (Pteropodidae): Grey-headed Flying-fox. Freemans Waterhole.
- Pteropus scapulatus* (Pteropodidae): Little Red Flying-fox. Hawk Mount Rd; Martinsville; Palmers Rd.
- Ptilinopus magnificus* (Columbidae): Wompoo pigeon. Martinsville.
- Ptilinopus regina* (Columbidae): Rose-crowned Fruit Dove. Avondale CHE.

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- Ptilonorhynchus violaceus* (Ptilonorhynchidae): Satin Bowerbird. Avondale; Freemans Waterhole; Martinsville.
- Ptiloris paradiseus* (Paradisaeidae): Paradise Riflebird. Rock Forest Rd.
- Ptilotula fusca* (Meliphagidae): Fuscous Honeyeater. Mandalong.
- Ptilotula penicillatus* (Meliphagidae): White-plumed Honeyeater. Dora Ck Delta; Hawkmount Rd; Rock Forest Rd.
- Pycnonotus jocosus** (Pycnonotidae): Red-whiskered Bulbul. Rock Forest Rd.
- Pycnoptilus floccosus* (Dasyornithidae): Pilotbird. Rock Forest Rd.
- Pygopus lepidopodus* (Pygopodidae): Common Scalyfoot. Mount Faulk Rd.
- Ramphotyphlops nigrescens* (Typhlopidae): Blackish Blind Snake. Bellbird Cl; Martinsville.
- Ramphotyphlops weidii* (Typhlopidae): Brown-snouted Blind Snake. Bellbird Cl.
- Rankinia diemensis* (Agamidae): Mountain Dragon. Martinsville; Watagan Forest.
- Rattus fuscipes* (Muridae): Bush Rat. Freemans Waterhole.
- Rattus lutreolus* (Muridae): Swamp Rat. Hawk Mount Rd; Martinsville; Palmers Rd.
- Rattus rattus** (Muridae): Black Rat. Babers Rd N.
- Recurvirostra novaehollandiae* (Recurvirostridae): Red-necked Avocet. Dora Ck Estuary.
- Rhabdosargus sarba* (Sparidae): Tarwhine Fish. Dora Ck Estuary.
- Rhinella marina** (Bufonidae): Cane Toad. Avondale CHE.
- Rhinolophus megaphyllus* (Rhinolophidae): Smaller Horseshoe Bat. Freemans Waterhole; Martinsville.
- Rhinoplocephalus nigrescens* (Elapidae): Small-eyed Snake. Freemans Waterhole; Martinsville.
- Rhipidura albiscapa* (Rhipiduridae): Grey Fantail. Freemans Waterhole; Mandalong; Martinsville.
- Rhipidura fuliginosa* (Rhipiduridae): New Zealand Fantail. Mandalong.
- Rhipidura leucophrys* (Rhipiduridae): Willie Wagtail. Freemans Waterhole; Martinsville.
- Rhipidura rufifrons* (Rhipiduridae): Rufous Fantail. Freemans Waterhole; Mandalong; Martinsville.
- Rostratula australis* (Rostratulidae): Australian Painted Snipe. Mandalong; Matthews Valley Rd.
- Saccolaimus flaviventris* (Emballonuridae): Yellow-bellied Sheath-tail-bat. Morisset.
- Saiphos equalis* (Scincidae): Three-toed Skink. Babers Rd N; Bellbird Cl; Freemans Waterhole; One Tree Hill.
- Salpa caboti** (Salpidae): Alpaca. Martinsville.
- Saltuarius swaini* (Carphodactylidae): Southern Leaf-tailed Gecko. Watagan Mountains.
- Saproscincus mustelinus* (Scincidae): Weasle Skink. Bellbird Cl; Kings Rd; Martinsville.
- Scoteanax rueppellii* (Vespertilionidae): Greater Broad-nosed Bat. Heatons Lookout; Mandalong; Martinsville; Morisset.
- Scotorepens orion* (Vespertilionidae): Eastern Broad-nosed Bat. Heatons Lookout; Mandalong; Martinsville; Morisset.
- Scythrops novaehollandiae* (Cuculidae): Channel-billed Cuckoo. Cooranbong; Freemans Waterhole; Martinsville.

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- Sericornis citreogularis* (Acanthizidae): Yellow-throated Scrubwren. Babers Rd N.
Sericornis frontalis (Acanthizidae): White-browed Scrubwren. Freemans Waterhole; Martinsville.
Sericornis magnirostra (Acanthizidae): Large-billed Scrubwren. Heatons Lookout; Mandalong; Martinsville; Morisset.
Sericulus chrysocephalus (Ptilonorhynchidae): Regent Bowerbird. Felled-timber Ck Walk.
Seriola dumerili (Carangidae): Amberjack. Dora Ck Estuary.
Seriola lalandi (Carangidae): Yellowtail Kingfish. Dora Ck Estuary.
Sillago ciliata (Sillaginidae): Sand Whiting. Dora Ck Estuary.
Smicrornis brevirostris (Acanthizidae): Weebill. Avondale CHE; Newport Rd; Rosella Ave.
Sminthopsis murina (Dasyuridae): Common Dunnart. Martinsville.
Sphecotheres vieillotii (Oriolidae): Australasian Figbird. Martinsville.
Sphecotheres viridis (Oriolidae): Green Figbird. Alton Villas; Avondale CHE; Dora Ck; Morisset; Sandy Ck; Stockton Ck; Redhill Rd.
Sterna hirundo (Laridae): Common Tern. Dora Ck; Jones Rd; Rock Forest Rd.
Sternula albifrons (Laridae): Little Tern. Rock Forest Rd; Marshall St.
Stictonetta naevosa (Anatidae): Freckled Duck. Dora Ck; Rock Forest Rd.
Stipiturus malachurus (Maluridae): Southern Emu-wren. Martinsville; Matthews Valley Rd; Newport Rd; Wyee Rd N.
Stizoptera bichenovii (Estrildidae): Double-barred Finch. Bushland Rd; Mandalong Rd; Watagan Forest.
Strepera graculina (Artamidae): Pied Currawong. Avondale CHE; Cooranbong; Freemans Waterhole; Martinsville.
Streptopelia chinensis (Columbidae): Spotted Dove. Alton Rd; Avondale BW; Cooranbong Pk; Dora Ck; Mandalong; Martinsville; Newport Rd.
Struthidea cinerea (Corcoracidae): Apostlebird. Martinsville.
Sturnus tristis (Sturnidae): Common Myna. Avondale CHE; Babers Rd; Morisset.
Sturnus vulgaris (Sturnidae): Common Starling. Avondale; Cooranbong; Martinsville; Morisset; Stockton Ck.
Symposiachrus trivirgatus (Monarchidae): Spectacled Monarch Butterfly. Avondale Cemetery; Awaba State Forest; Heaton State Forest; Mandalong; Martinsville; Matthews Valley Rd.
Tachybaptus novaehollandiae (Podicipedidae): Australasian Grebe. Cooranbong; Dora Creek; Mandalong Rd; Morisset; Newport Rd.
Tachyglossus aculeatus (Tachyglossidae): Short-beaked Echidna. Avondale CHE; Deaves Rd; Martinsville.
Tadarida australis (Molossidae): White-striped Freetail-bat. Watagan Pk Est.
Tadorna tadornoides (Anatidae): Australian Shelduck. Avondale CHE; Matthews Valley Rd.
Taeniopygia guttata (Estrildidae): Zebra Finch. Avondale CHE.
Tandanus tandanus? (Plotosidae): Large Black Catfish. Upper Dora Ck.



Underwoodisaurus milii

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- Tetractenos hamiltoni* (Tetraodontidae): Toad Fish. Dora Ck Estuary.
- Thalasseus bergii* (Laridae): Crested Tern. Dora Ck; Matthews Valley Rd; Morisset.
- Threskiornis molucca* (Threskiornithidae): Australian White Ibis. Avondale CHE; Cooranbong Pk; Watagan Pk.
- Threskiornis spinicollis* (Threskiornithidae): Straw-necked Ibis. Avondale CHE.
- Thylogale thetis* (Macropodidae): Red-necked Pademelon. Watagan Pk Est.
- Tiliqua scincoides* (Scincidae): Eastern Blue-tongue Lizard. Babers Rd N; Central Rd; Clifford Ave; Deaves Rd.
- Todiramphus macleayii* (Alcedinidae): Forest Kingfisher. Mandalong.
- Todiramphus sanctus* (Alcedinidae): Sacred Kingfisher. Dora Creek; Mandalong.
- Trachinotus blochii* (Carangidae): Snubnose Dart Fish. Dora Ck Estuary.
- Trachurus novaezelandiae* (Carangidae): Yellowtail Scad. Dora Ck Estuary.
- Trichoglossus chlorolepidotus* (Psittacidae): Scaly-breasted Lorikeet. Bellbird Close; Freemans Waterhole.
- Trichoglossus haematodus* (Psittacidae): Rainbow Lorikeet. Babers Rd N; Freemans Waterhole; Martinsville.
- Trichosurus caninus* (Phalangeridae): Mountain Brushtail Possum. Matthews Valley Rd.
- Trichosurus vulpecula* (Phalangeridae): Common Brushtail Possum. Martinsville.
- Turdus merula merula** (Turdidae): Common Blackbird*. Matthews Valley Rd.
- Turnix maculosus* (Turnicidae): Red-backed Button-quail. Searle Cl; Matthews Valley Rd; Watagan Pk Est.
- Turnix varius* (Turnicidae): Painted Button-quail. ?
- Turnix velox* (Turnicidae): Little Button-quail. ?
- Tyto alba* (Tytonidae): Barn Owl. Watagans.
- Tyto javanica* (Tytonidae): Eastern Barn Owl. Freemans Waterhole; Mandalong; Martinsville; Matthews Valley Rd.
- Tyto novaehollandiae* (Tytonidae): Masked Owl. Freemans Waterhole; Martinsville.
- Tyto tenebricosa* (Tytonidae): Sooty Owl. Freemans Waterhole; Mandalong Rd; Martinsville.
- Underwoodisaurus milii* (Carphodactylidae): Barking Gecko. Watagan Mountains.
- Upeneus tragula* (Hemiramphidae): Southern Garfish. Dora Ck Estuary.
- Uperoleia fusca* (Myobatrachidae): Dusky Toadlet. Dora Ck delta; Ellenborough Dr; Martinsville; Olney State Forest; Palmers Rd; Rock Forest Rd; Ryhope Rd.
- Uperoleia laevigata* (Myobatrachidae): Smooth Toadlet. Cooranbong.
- Uperoleia tyleri* (Myobatrachidae): Tyler's Toadlet. Currans Rd; Deaves Rd.
- Vanellus miles* (Charadriidae): Masked Lapwing. Cooranbong.

Vanellus tricolor (Charadriidae): Banded Lapwing. Felled Timber Ck Walk; Freemans Waterhole; Matthews Valley Rd.

Varanus gouldii (Varanidae): Gould's Goanna. Heaton's Lookout; Martinsville.

Varanus varius (Varanidae): Lace Monitor. Bellbird Cl; Deaves Rd; Freemans Waterhole; Martinsville.

Vermicella annulata (Elapidae): Bandy-bandy. Avondale CHE; Hawk Mount Rd.

Vespadelus darlingtoni (Vespertilionidae): Large Forest Bat. Hawkmount Rd; Martinsville Hill Rd; Mount Faulk Rd; Newport Rd; Rock Forest Rd.

Vespadelus pumilus (Vespertilionidae): Eastern Forest Bat. Freemans Waterhole; Martinsville.

Vespadelus regulus (Vespertilionidae): Southern Forest Bat. Martinsville.

Vespadelus vulturnus (Vespertilionidae): Little Forest Bat. Freemans Waterhole; Martinsville.

Vombatus ursinus (Vombatidae): Common Wombat. Alton Rd; Avondale CHE; Martinsville.

*Vulpes vulpes** (Canidae): Red Fox. Avondale CHE; Freemans Dr; Martinsville.

Wallabia bicolor (Macropodidae): Swamp Wallaby. Freemans Waterhole; Martinsville Watagans.

Xanthomyza phrygia (Meliphagidae): Regent Honeyeater. Avondale near weir.

Zoothera dauma (Turdidae): Scaly Thrush. Cooranbong.

Zoothera heinei (Turdidae): Russet-tailed Thrush. Mandalong.

Zoothera lunulata (Turdidae): Bassian Thrush. Mandalong; Martinsville; Matthews Valley Rd.

Zosterops lateralis (Timaliidae): Silvereye. Freemans Waterhole.

LIST 2: All Vertebrate Species by Common Name

Common names have always been problematic for biologists. Widespread species may have different common names in different localities and also a single common name may be used for many different species. For example, the name ‘Leaf Beetle’ may be applied to hundreds of different beetles in the family Chrysomelidae. Also, a group of similar-looking or cryptic species that are difficult to distinguish or classify may all have the same common name. Many species (particularly if they are rare) may have no known common name. In the following list all species have been allocated only one common name. It is quite likely that some species may have been accorded less-familiar common names. Many species for which no common name could be found in the literature have been given a common name based either on their scientific names or a descriptive name that will aid in identification. Some of the allocated common names will no doubt be found to be inappropriate in the future as further taxonomic work clarifies phylogenetic relationships. Each common name is followed by the scientific name and then the family to which the species belongs. If the reader is unaware of what type of organism is being referred to they can check in the alphabetic list by family which follows.

African Darter, *Anhinga melanogaster* (Anhingidae).
 Alpaca, *Salpa caboti** (Salpidae).
 Amberjack, *Seriola dumerili* (Carangidae).
 Apostlebird, *Struthidea cinerea* (Corcoracidae).
 Asian Koel, *Eudynamys scolopacea* (Cuculidae).
 Australasian Bittern, *Botaurus poiciloptilus* (Ardeidae).
 Australasian Darter, *Anhinga novaehollandiae* (Anhingidae).
 Australasian Figbird, *Sphecotheres vieilloti* (Oriolidae).
 Australasian Grebe, *Tachybaptus novaehollandiae* (Podicipedidae).
 Australasian Pipit, *Anthus novaeseelandiae* (Motacillidae).
 Australian Bass, *Macquaria novemaculeata* (Percichthyidae).
 Australian Brushturkey, *Alectura lathami* (Megapodiidae).
 Australian Hobby, *Falco longipennis* (Falconidae).
 Australian King-parrot, *Alisterus scapularis* (Psittacidae).
 Australian Logrunner, *Orthonyx temminckii* (Orthonychidae).
 Australian Magpie, *Cracticus tibicen* (Artamidae).
 Australian Owlet-nightjar, *Aegotheles cristatus* (Aegothelidae).
 Australian Painted Snipe, *Rostratula australis* (Rostratulidae).
 Australian Pelican, *Pelecanus conspicillatus* (Pelecanidae).
 Australian Pied Oystercatcher, *Haematopus longirostris* (Haematopodidae).
 Australian Raven, *Corvus coronoides* (Corvidae).

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Australian Shelduck, *Tadorna tadornoides* (Anatidae).
Australian Shoveler, *Anas rhynchotis* (Anatidae).
Australian Spotted Crake, *Porzana fluminea* (Rallidae).
Australian White Ibis, *Threskiornis molucca* (Threskiornithidae).
Australian Wood Duck, *Chenonetta jubata* (Anatidae).
Azure Kingfisher, *Ceyx azureus* (Alcedinidae).
Baillon's Crake, *Porzana pusilla* (Rallidae).
Banded Lapwing, *Vanellus tricolor* (Charadriidae).
Bandy-bandy, *Vermicella annulata* (Elapidae).
Banjo Frog, *Limnodynastes dumerilii* (Limnodynastidae).
Bar-shouldered Dove, *Geopelia humeralis* (Columbidae).
Bar-striped Cardinal Fish, *Ostorhinchus fasciatus* (Apogonidae).
Bar-tailed Godwit, *Limosa lapponica* (Scolopacidae).
Barking Gecko, *Underwoodisaurus milii* (Carphodactylidae).
Barking Owl, *Ninox connivens* (Strigidae).
Barn Owl, *Tyto alba* (Tytonidae).
Barred-sided Skink, *Eulamprus tenuis* (Scincidae).
Bassian Thrush, *Zoothera lunulata* (Turdidae).
Bell Miner, *Manorina melanophrys* (Meliphagidae).
Bibron's Toadlet, *Pseudophryne bibronii* (Myobatrachidae).
Black Bittern, *Ixobrychus flavicollis* (Ardeidae).
Black Falcon, *Falco subniger* (Falconidae).
Black Noddy, *Anous minutus* (Laridae): Dora Creek Estuary.
Black Rat, *Rattus rattus** (Muridae).
Black Swan, *Cygnus atratus* (Anatidae).
Black-bellied Swamp Snake, *Hemiaspis signata* (Elapidae).
Black-chinned Honeyeater, *Melithreptus gularis* (Meliphagidae).
Black-faced Cuckoo-shrike, *Coracina novaehollandiae* (Campephagidae).
Black-faced Monarch, *Monarcha melanopsis* (Monarchidae).
Black-fronted Dotterel, *Elseyaornis melanops* (Charadriidae).
Black-necked Stork, *Ephippiorhynchus asiaticus* (Ciconiidae).
Black-shouldered Kite, *Elanus axillaris* (Accipitridae).
Black-tailed Treecreeper, *Climacteris melanura* (Climacteridae).
Black-winged Stilt, *Himantopus himantopus* (Recurvirostridae).
Blackish Blind Snake, *Ramphotyphlops nigrescens* (Typhlopidae).
Bleating Tree Frog, *Litoria dentata* (Hylidae).
Blue Bonnet, *Northiella haematogaster* (Psittacidae).
Blue Mountains Tree Frog, *Litoria citropa* (Hylidae).

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Blue-billed Duck, *Oxyura australis* (Anatidae).
Blue-faced Honeyeater, *Entomyzon cyanotis* (Meliphagidae).
Blue-striped Snapper, *Lutjanus kasmira* (Lutjanidae).
Bluespot Goby, *Pseudogobius olorum* (Gobiidae).
Boobook Owl, *Ninox novaeseelandiae* (Strigidae).
Brahminy Kite, *Haliastur indus* (Accipitridae).
Bream, *Acanthopagrus australis* (Sparidae).
Bridled Tern, *Onychoprion anaethetus* (Laridae).
Broad-palmed Frog, *Litoria latopalmata* (Hylidae).
Broad-tailed Gecko, *Phyllurus platurus* (Carphodactylidae).
Brown Antechinus, *Antechinus stuartii* (Dasyuridae).
Brown Cuckoo-dove, *Macropygia amboinensis* (Columbidae).
Brown Falcon, *Falco berigora* (Falconidae).
Brown Gerygone, *Gerygone mouki* (Acanthizidae).
Brown Goshawk, *Accipiter fasciatus* (Accipitridae).
Brown Hare, *Lepus capensis** (Leporidae).
Brown Honeyeater, *Lichmera indistincta* (Meliphagidae).
Brown Songlark, *Cincloramphus cruralis* (Megaluridae).
Brown-striped Frog, *Limnodynastes peronii* (Limnodynastidae).
Brown Thornbill, *Acanthiza pusilla* (Acanthizidae).
Brown Tree Snake, *Boiga irregularis* (Colubridae).
Brown Treecreeper, *Climacteris picumnus* (Climacteridae).
Brown-headed Honeyeater, *Melithreptus brevirostris* (Meliphagidae).
Brown-snouted Blind Snake, *Ramphotyphlops weidii* (Typhlopidae).
Brumby, *Equus caballus** (Equidae).
Brush Bronzewing, *Phaps elegans* (Columbidae).
Brush Cuckoo, *Cacomantis variolosus* (Cuculidae).
Brush-tailed Phascogale, *Phascogale tapoatafa* (Dasyuridae).
Brush-tailed Rock-wallaby, *Petrogale penicillata* (Macropodidae).
Buff-banded Rail, *Gallirallus philippensis melleri* (Rallidae).
Buff-rumped Thornbill, *Acanthiza reguloides* (Acanthizidae).
Bull Shark, *Carcharinus leucas* (Carcharhinidae).
Bullrout, *Notesthes robusta* (Tetrarogidae).
Burton's Snake-lizard, *Lialis burtonis* (Pygopodidae).
Bush Rat, *Rattus fuscipes* (Muridae).
Bush Stone Curlew, *Burhinus grallarius* (Burhinidae).
Cane Toad, *Rhinella marina** (Bufonidae).
Carpet Python, *Morelia spilota variegata* (Pythonidae).

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Caspian Tern, *Hydroprogne caspia* (Laridae).
Cat, *Felis catus** (Felidae).
Cattle Egret, *Ardea ibis* (Ardeidae).
Channel-billed Cuckoo, *Scythrops novaehollandiae* (Cuculidae).
Chestnut Teal, *Anas castanea* (Anatidae).
Chestnut-breasted Mannikin, *Lonchura castaneothorax* (Estrildidae).
Chestnut-crowned Babbler, *Pomatostomus ruficeps* (Pomatostomidae).
Chestnut-rumped Heathwren, *Hylacola pyrrhopygia* (Acanthizidae).
Chirruping Wedgebill, *Psophodes cristatus* (Psophodidae).
Chocolate Wattled Bat, *Chalinolobus morio* (Vespertilionidae).
Cicadabird, *Coracina tenuirostris* (Campephagidae).
Collared Sparrowhawk, *Accipiter cirrhocephalus* (Accipitridae).
Comb-crested Jacana, *Irediparra gallinacean* (Jacanidae).
Common Blackbird*, *Turdus merula merula** (Turdidae).
Common Bronzewing, *Phaps chalcoptera* (Columbidae).
Common Brushtail Possum, *Trichosurus vulpecula* (Phalangeridae).
Common Death Adder, *Acanthophis antarcticus* (Elapidae).
Common Dunnart, *Sminthopsis murina* (Dasyuridae).
Common Eastern Froglet, *Crinia signifera* (Myobatrachidae).
Common Galaxias, *Galaxias maculatus* (Galaxiidae).
Common Myna, *Sturnus tristis* (Sturnidae).
Common Ringtail Possum, *Pseudocheirus peregrinus* (Pseudocheiridae).
Common Sandpiper, *Actitis hypoleucos* (Scolopacidae).
Common Scalyfoot, *Pygopus lepidopodus* (Pygopodidae).
Common Silverbidy, *Gerres subfasciatus* (Gerreidae).
Common Stargazer Fish, *Kathetostoma laeve* (Uranoscopidae).
Common Starling, *Sturnus vulgaris* (Sturnidae).
Common Tern, *Sterna hirundo* (Laridae).
Common Tree Snake, *Dendrelaphis punctulatus* (Colubridae).
Common Wallaroo, *Osphranter robustus* (Macropodidae).
Common Wombat, *Vombatus ursinus* (Vombatidae).
Copper-tailed Skink, *Ctenotus taeniolatus* (Scincidae).
Cox's Gudgeon, *Gobiomorphus coxii* (Eleotridae).
Cream-striped Shinning-skink, *Cryptoblepharus virgatus* (Scincidae).
Crescent Honeyeater, *Phylidonyris pyrrhoptera* (Meliphagidae).
Crested Bellbird, *Oreoica gutturalis* (Pachycephalidae).
Crested Pigeon, *Ocyphaps lophotes* (Columbidae).
Crested Shrike-tit, *Falcunculus frontatus* (Pachycephalidae).

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Crested Tern, *Thalasseus bergii* (Laridae).
Crimson Rosella, *Platycercus elegans* (Psittacidae).
Cunningham's Skink, *Egernia cunninghami* (Scincidae).
Dark-flecked Garden Sunskink, *Lampropholis delicata* (Scincidae).
Diamond Dove, *Geopelia cuneata* (Columbidae).
Diamond Fish, *Monodactylus argenteus* (Monodactylidae).
Diamond Python, *Morelia spilota spilota* (Pythonidae).
Dingo, *Canis lupus dingo* (Canidae).
Dog, *Canis familiaris** (Canidae).
Dollarbird, *Eurystomus orientalis* (Coraciidae).
Double-banded Plover, *Charadrius bicinctus* (Charadriidae).
Double-barred Finch, *Stizoptera bichenovii* (Estrildidae).
Dusky Antechinus, *Antechinus swainsonii* (Dasyuridae).
Dusky Flathead, *Platycephalus fuscus* (Platycephalidae).
Dusky Moorhen, *Gallinula tenebrosa* (Rallidae).
Dusky Toadlet, *Uperoleia fusca* (Myobatrachidae).
Dusky Woodswallow, *Artamus cyanopterus* (Artamidae).
Dwarf Flathead Gudgeon, *Philypnodon macrostomus* (Eleotridae).
Eastern Australian Salmon, *Arripis trutta* (Arripidae).
Eastern Barn Owl, *Tyto javanica* (Tytonidae).
Eastern Bearded Dragon, *Pogona barbata* (Agamidae).
Eastern Bentwing Bat, *Miniopterus schreibersii oceanensis* (Miniopteridae).
Eastern Blue-tongue Lizard, *Tiliqua scincoides* (Scincidae).
Eastern Bristlebird, *Dasyornis brachypterus* (Dasyornithidae).
Eastern Broad-nosed Bat, *Scotorepens orion* (Vespertilionidae).
Eastern Dwarf Tree Frog, *Litoria fallax* (Hylidae).
Eastern False Pipistrelle, *Falsistrellus tasmaniensis* (Vespertilionidae).
Eastern Forest Bat, *Vespadelus pumilus* (Vespertilionidae).
Eastern Freetail-bat, *Mormopterus norfolkensis* (Molossidae).
Eastern Gambusia, *Gambusia holbrooki** (Poeciliidae).
Eastern Great Egret, *Ardea modesta* (Ardeidae).
Eastern Grey Kangaroo, *Macropus giganteus* (Macropodidae).
Eastern Koel, *Eudynamys orientalis* (Cuculidae).
Eastern Osprey, *Pandion cristatus* (Accipitridae).
Eastern Rosella, *Platycercus eximius* (Psittacidae).
Eastern Sea Garfish, *Hyporhamphus melanochir* (Hemirhamphidae).
Eastern Shovelnose Ray, *Aptychotrema rostrata* (Trigonorrhinidae).
Eastern Small-eyed Snake, *Cryptophis nigrescens* (Elapidae).

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Eastern Snake-necked Turtle, *Chelodina longicollis* (Chelidae).
Eastern Spinebill, *Acanthorhynchus tenuirostris* (Meliphagidae).
Eastern Striped Grunter, *Pelates sexliniatus* (Terapontidae).
Eastern Water Dragon, *Intellagama lesueurii* (Agamidae).
Eastern Water-skink, *Eulamprus quoyii* (Scincidae).
Eastern Whipbird, *Psophodes olivaceus* (Psophodidae).
Eastern Yellow Robin, *Eopsaltria australis* (Petroicidae).
Eclectus Parrot, *Eclectus roratus* (Psittacidae).
Emerald Dove, *Chalcophaps indica* (Columbidae).
Empire Gudgeon, *Hypseleotris compressa* (Eleotridae).
Eurasian Coot, *Fulica atra* (Rallidae).
European Carp, *Cyprinus carpio** (Cyprinidae).
European Cattle, *Bos taurus** (Bovidae).
European Goldfinch, *Carduelis carduelis** (Fringillidae).
Fairy Martin, *Petrochelidon ariel* (Hirundinidae).
Fallow Deer, *Dama dama** (Cervidae).
Fan-tailed Cuckoo, *Cacomantis flabelliformis* (Cuculidae).
Fanbelly Leatherjacket, *Monacanthus chinensis* (Monacanthidae).
Feathertail Glider, *Acrobates pygmaeus* (Burramyidae).
Firetail Gudgeon, *Hypseleotris galii* (Eleotridae).
Flatback Turtle, *Natator depressus* (Cheloniidae).
Flathead Gudgeon, *Philypnodon grandiceps* (Eleotridae).
Fletcher's Frog, *Lechriodus fletcheri* (Limnodynastidae).
Flock Bronzewing, *Phaps histrionica* (Columbidae).
Forest Kingfisher, *Todiramphus macleayii* (Alcedinidae).
Fork-tailed Swift, *Apus pacificus* (Accipitridae).
Freckled Duck, *Stictonetta naevosa* (Anatidae).
Freycinet's Frog, *Litoria freycineti* (Hylidae).
Fuscous Honeyeater, *Ptilotula fusca* (Meliphagidae).
Galah, *Eolophus roseicapillus* (Cacatuidae).
Gang-gang Cockatoo, *Callocephalon fimbriatum* (Cacatuidae).
Giant Barred Frog, *Mixophyes iteratus* (Myobatrachidae).
Giant Burrowing Frog, *Heleioporus australiacus* (Limnodynastidae).
Glossy Black Cockatoo, *Calyptorhynchus lathami* (Cacatuidae).
Glossy Ibis, *Plegadis falcinellus* (Threskiornithidae).

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Goat, *Capra hircus** (Bovidae).
Golden Whistler, *Pachycephala pectoralis* (Pachycephalidae).
Golden-crowned Snake, *Cacophis squamulosus* (Elapidae).
Golden-headed Cisticola, *Cisticola exilis* (Cisticolidae).
Golden-tipped Bat, *Phoniscus papuensis* (Vespertilionidae).
Gould's Goanna, *Varanus gouldii* (Varanidae).
Gould's Long-eared Bat, *Nyctophilus gouldi* (Vespertilionidae).
Gould's Wattled Bat, *Chalinolobus gouldii* (Vespertilionidae).
Grassland Melomys, *Melomys burtoni* (Muridae).
Gray's Banjo Frog, *Limnodynastes dumerilii grayi* (Limnodynastidae).
Great Barred Frog, *Mixophyes fasciolatus* (Myobatrachidae).
Great Cormorant, *Phalacrocorax carbo* (Phalacrocoracidae).
Great Egret, *Ardea alba* (Ardeidae).
Greater Broad-nosed Bat, *Scoteanax rueppellii* (Vespertilionidae).
Greater Glider, *Petauroides volans* (Pseudocheiridae).
Green and Golden Bell Frog, *Litoria aurea* (Hylidae).
Green Catbird, *Ailuroedus crassirostris* (Ptilonorhynchidae).
Green Figbird, *Sphecotheres viridis* (Oriolidae).
Green Stream Frog, *Litoria phyllochroa* (Hylidae).
Green Tree Frog, *Litoria caerulea* (Hylidae).
Green Turtle, *Chelonia mydas* (Cheloniidae).
Green-thighed Frog, *Litoria brevipalmata* (Hylidae).
Grey Butcherbird, *Cracticus torquatus* (Artamidae).
Grey Fantail, *Rhipidura fuliginosa* (Rhipiduridae).
Grey Goshawk, *Accipiter novaehollandiae* (Accipitridae).
Grey Shrike-thrush, *Colluricincla harmonica* (Pachycephalidae).
Grey Teal, *Anas gracilis* (Anatidae).
Grey-crowned Babbler, *Pomatostomus temporalis* (Pomatostomidae).
Grey-headed Flying-fox, *Pteropus poliocephalus* (Pteropodidae).
Hardhead, *Aythya australis* (Anatidae).
Haswell's Frog, *Paracrinia haswelli* (Myobatrachidae).
Heath Frog, *Litoria littlejohni* (Hylidae).
Himalayan Cuckoo, *Cuculus saturatus* (Cuculidae).
Hoary-headed Grebe, *Poliocephalus poliocephalus* (Podicipedidae).
Horsfield's Bronze Cuckoo, *Chrysococcyx basalis* (Cuculidae).
House Mouse, *Mus musculus* (Muridae).
House Sparrow, *Passer domesticus** (Passeridae).
Indian Mynah, *Acridotheres tristis** (Sturnidae).

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Indian Peafowl, *Pavo cristatus** (Phasianidae).
Intermediate Egret, *Ardea intermedia* (Ardeidae).
Jacky Lizard, *Amphibolurus muricatus* (Agamidae).
Jacky Winter, *Microeca fascinans* (Petroicidae).
Jervis Bay Tree Frog, *Litoria jervisiensis* (Hylidae).
Koala, *Phascolarctos cinereus* (Phascolarctidae).
Lace Monitor, *Varanus varius* (Varanidae).
Land Mullet, *Bellatorias major* (Scincidae).
Large Black Catfish, *Tandanus tandanus*? (Plotosidae).
Large Egret, *Egretta alba* (Ardeidae).
Large Forest Bat, *Vespadelus darlingtoni* (Vespertilionidae).
Large Pied Bat, *Chalinolobus dwyeri* (Vespertilionidae).
Large-billed Scrubwren, *Sericornis magnirostra* (Acanthizidae).
Large-footed Myotis, *Myotis macropus* (Vespertilionidae).
Latham's Snipe, *Gallinago hardwickii* (Scolopacidae).
Laughing Kookaburra, *Dacelo novaeguineae* (Alcedinidae).
Leaden Delma, *Delma plebeia* (Pygopodidae).
Leaden Flycatcher, *Myiagra rubecula* (Monarchidae).
Leopard Shark, *Gollum attenuatus* (Pseudotriakidae).
Lesser Long-eared Bat, *Nyctophilus geoffroyi* (Vespertilionidae).
Lesueur's Frog, *Litoria lesueuri* (Hylidae).
Lesueur's Velvet Gecko, *Amalosia lesueurii* (Diplodactylidae).
Lewin's Honeyeater, *Meliphaga lewinii* (Meliphagidae).
Lewin's Rail, *Lewinia pectoralis* (Rallidae).
Little Bentwing Bat, *Miniopterus australis* (Miniopteridae).
Little Black Cormorant, *Phalacrocorax sulcirostris* (Phalacrocoracidae).
Little Button-quail, *Turnix velox* (Turnicidae).
Little Corella, *Cacatua sanguinea* (Cacatuidae).
Little Eagle, *Hieraaetus morphnoides* (Accipitridae).
Little Egret, *Egretta garzetta* (Ardeidae).
Little Forest Bat, *Vespadelus vulturnus* (Vespertilionidae).
Little Friarbird, *Philemon citreogularis* (Meliphagidae).
Little Grassbird, *Megalurus gramineus* (Megaluridae).
Little Lorikeet, *Parvipsitta pusilla* (Psittacidae).
Little Mastiff Bat, *Mormopterus planiceps* (Molossidae).
Little Penguin, *Eudyptula minor* (Spheniscidae).
Little Pied Cormorant, *Microcarbo melanoleucos* (Phalacrocoracidae).
Little Raven, *Corvus mellori* (Corvidae).

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Little Red Flying-fox, *Pteropus scapulatus* (Pteropodidae).
Little Tern, *Sternula albifrons* (Laridae).
Little Wattlebird, *Anthochaera chrysoptera* (Meliphagidae).
Loggerhead Turtle, *Caretta caretta* (Cheloniidae).
Long-billed Corella, *Cacatua tenuirostris* (Cacatuidae).
Long-nosed Bandicoot, *Perameles nasuta* (Peramelidae).
Long-nosed Potoroo, *Potorous tridactylus* (Potoroidae).
Longfin Eel, *Anguilla reinhardtii* (Anguillidae).
Magpie-lark, *Grallina cyanoleuca* (Monarchidae).
Mainland She-oak Skink, *Cyclodomorphus michaeli* (Scincidae).
Mangrove Gerygone, *Gerygone levigaster* (Acanthizidae).
Masked Lapwing, *Vanellus miles* (Charadriidae).
Masked Owl, *Tyto novaehollandiae* (Tytonidae).
Masked Woodswallow, *Artamus personatus* (Artamidae).
Metallic Green Ground Beetle, *Pamborus viridis* (Carabidae).
Mountain Brushtail Possum, *Trichosurus caninus* (Phalangeridae).
Mountain Dragon, *Rankinia diemensis* (Agamidae).
Mullaway, *Argyrosomus hololepidotus* (Sciaenidae).
Muscovy Duck, *Cairina moschata* (Anatidae).
Musk Duck, *Biziura lobata* (Anatidae).
Musk Lorikeet, *Glossopsitta concinna* (Psittacidae).
Nankeen Kestrel, *Falco cenchroides* (Falconidae).
Nankeen Night-heron, *Nycticorax caledonicus* (Ardeidae).
New Holland Honeyeater, *Phylidonyris novaehollandiae* (Meliphagidae).
New Holland Mouse, *Pseudomys novaehollandiae* (Muridae).
Noisy Friarbird, *Philemon corniculatus* (Meliphagidae).
Noisy Miner, *Manorina melanocephala* (Meliphagidae).
Noisy Pitta, *Pitta versicolor* (Pittidae).
Northern Mallard, *Anas platyrhynchos** (Anatidae).
Olive Whistler, *Pachycephala olivacea* (Pachycephalidae).
Olive-backed Oriole, *Oriolus sagittatus* (Oriolidae).
Oriental Cuckoo, *Cuculus optatus* (Cuculidae).
Ornate Burrowing Frog, *Platyplectrum ornatum* (Limnodynastidae).
Osprey, *Pandion haliaetus* (Accipitridae).
Pacific Baza, *Aviceda subcristata* (Accipitridae).
Pacific Black Duck, *Anas superciliosa* (Anatidae).
Pacific Gull, *Larus pacificus* (Laridae).
Pacific Robin, *Petroica multicolor* (Petroicidae).

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Painted Button-quail, *Turnix varius* (Turnicidae).
Pale-flecked Garden Sunskink, *Lampropholis guichenoti* (Scincidae).
Pale-headed Snake, *Hoplocephalus bitorquatus* (Elapidae).
Pallid Cuckoo, *Cacomantis pallidus* (Cuculidae).
Paradise Riflebird, *Ptiloris paradiseus* (Paradisaeidae).
Parma Wallaby, *Macropus parma* (Macropodidae).
Peaceful Dove, *Geopelia striata* (Columbidae).
Pearson's Frog, *Litoria pearsoniana* (Hylidae).
Peregrine Falcon, *Falco peregrinus* (Falconidae).
Peron's Tree Frog, *Litoria peronii* (Hylidae).
Pheasant Coucal, *Centropus phasianinus* (Centropodidae).
Pied Butcherbird, *Cracticus nigrogularis* (Artamidae).
Pied Cormorant, *Phalacrocorax varius* (Phalacrocoracidae).
Pied Currawong, *Strepera graculina* (Artamidae).
Pied Heron, *Egretta picata* (Ardeidae).
Pilotbird, *Pycnoptilus floccosus* (Dasyornithidae).
Pink-eared Duck, *Malacorhynchus membranaceus* (Anatidae).
Pink-tongued Skink, *Cyclodomorphus gerrardii* (Scincidae).
Platypus, *Ornithorhynchus anatinus* (Ornithorhynchidae).
Powerful Owl, *Ninox strenua* (Strigidae).
Purple Swamphen, *Porphyrio porphyrio* (Rallidae).
Pygmy Possum, *Cercartetus nanus* (Burramyidae).
Rabbit, *Oryctolagus cuniculus** (Leporidae).
Rainbow Bee-eater, *Merops ornatus* (Meropidae).
Rainbow Lorikeet, *Trichoglossus haematodus* (Psittacidae).
Rainbow Runner Fish, *Elagatis bipinnulata* (Carangidae).
Rainbow Skink, *Carlia vivax* (Scincidae).
Red Deer, *Cervus elaphus** (Cervidae).
Red Fox, *Vulpes vulpes**, (Canidae).
Red Junglefowl, *Gallus gallus** (Phasianidae).
Red Wattlebird, *Anthochaera carunculata* (Meliphagidae).
Red-backed Button-quail, *Turnix maculosus* (Turnicidae).
Red-backed Toadlet, *Pseudophryne coriacea* (Myobatrachidae).
Red-bellied Black Snake, *Pseudechis porphyriacus* (Elapidae).
Red-browed Finch, *Neochmia temporalis* (Estrildidae).
Red-browed Treecreeper, *Climacteris erythrops* (Climacteridae).
Red-capped Plover, *Charadrius ruficapillus* (Charadriidae).
Red-crowned Toadlet, *Pseudophryne australis* (Myobatrachidae).

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Red-eyed Tree Frog, *Litoria chloris* (Hylidae).
Red-naped Snake, *Furina diadema* (Elapidae).
Red-necked Avocet, *Recurvirostra novaehollandiae* (Recurvirostridae).
Red-necked Pademelon, *Thylogale thetis* (Macropodidae).
Red-necked Stint, *Calidris ruficollis* (Scolopacidae).
Red-necked Wallaby, *Notamacropus rufogriseus* (Macropodidae).
Red-rumped Parrot, *Psephotus haematonotus* (Psittacidae).
Red-tailed Black Cockatoo, *Calyptorhynchus banksi* (Cacatuidae).
Red-whiskered Bulbul, *Pycnonotus jocosus** (Pycnonotidae).
Regent Bowerbird, *Sericulus chrysocephalus* (Ptilonorhynchidae).
Regent Honeyeater, *Xanthomyza phrygia* (Meliphagidae).
Regent Honeyeater, *Anthochaera phrygia* (Meliphagidae).
Restless Flycatcher, *Myiagra inquieta* (Monarchidae).
Revealed Frog, *Litoria revelata* (Hylidae).
Ride's Freetail-bat, *Mormopterus ridei* (Molossidae).
Ring-tailed Skink, *Eulamprus* sp. (Scincidae) (undescribed sp.).
River Garfish, *Hyporhamphus regularis* (Hemirhamphidae).
Robust Ctenotus, *Ctenotus robustus* (Scincidae).
Robust Velvet Gecko, *Nebulifera robusta* (Diplodactylidae).
Rock Dove, *Columba livia** (Columbidae).
Rockwarbler, *Origma solitaria* (Acanthizidae).
Rose Robin, *Petroica rosea* (Petroicidae).
Rose-crowned Fruit Dove, *Ptilinopus regina* (Columbidae).
Royal Albatross, *Diomedea epomophora* (Diomedidae).
Royal Spoonbill, *Platalea regia* (Threskiornithidae).
Rufous Fantail, *Rhipidura rufifrons* (Rhipiduridae).
Rufous Whistler, *Pachycephala rufiventris* (Pachycephalidae).
Russet-tailed Thrush, *Zoothera heinei* (Turdidae).
Sacred Kingfisher, *Todiramphus sanctus* (Alcedinidae).
Sand Whiting, *Sillago ciliata* (Sillaginidae).
Satin Bowerbird, *Ptilonorhynchus violaceus* (Ptilonorhynchidae).
Satin Flycatcher, *Myiagra cyanoleuca* (Monarchidae).
Scaly Thrush, *Zoothera dauma* (Turdidae).
Scaly-breasted Lorikeet, *Trichoglossus chlorolepidotus* (Psittacidae).
Scarlet Honeyeater, *Myzomela sanguinolenta* (Meliphagidae).
Scarlet Robin, *Petroica boodang* (Petroicidae).
Sea Mullet, *Mugil cephalus* (Mugilidae).
Sharp-tailed Stint, *Calidris acuminata* (Scolopacidae).

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Shining Bronze Cuckoo, *Chrysococcyx lucidus* (Cuculidae).
Short-beaked Echidna, *Tachyglossus aculeatus* (Tachyglossidae).
Silver Gull, *Chroicocephalus novaehollandiae* (Laridae).
Silver Trevally, *Pseudocaranx dentex* (Carangidae).
Silvereye, *Zosterops lateralis* (Timaliidae).
Singing Honeyeater, *Gavicalis virescens* (Meliphagidae). Mandalong.
Sixspine Leatherjacket, *Meuschenia freycineti* (Monacanthidae).
Small-eyed Snake, *Rhinoplocephalus nigrescens* (Elapidae).
Smaller Horseshoe Bat, *Rhinolophus megaphyllus* (Rhinolophidae).
Smooth Toadlet, *Uperoleia laevis* (Myobatrachidae).
Snubnose Dart Fish, *Trachinotus blochii* (Carangidae).
Sooty Owl, *Tyto tenebricosa* (Tytonidae).
Sooty Oystercatcher, *Haematopus fuliginosus* (Haematopodidae).
Sooty Shearwater, *Ardenna grisea* (Scolopacidae).
Southern Angle-headed Dragon, *Hypsilurus spinipes* (Agamidae).
Southern Dwarf Crowned Snake, *Cacophis krefftii* (Elapidae).
Southern Emu-wren, *Stipiturus malachurus* (Maluridae).
Southern Forest Bat, *Vespadelus regulus* (Vespertilionidae).
Southern Garfish, *Upeneus tragula* (Hemiramphidae).
Southern Leaf-tailed Gecko, *Saltuarius swaini* (Carphodactylidae).
Southern Shortfin Eel, *Anguilla australis* (Anguillidae).
Southern Spotted Velvet Gecko, *Oedura tryoni* (Diplodactylidae).
Spangled Drongo, *Dicrurus bracteatus* (Dicruridae).
Speckled Warbler, *Chthonicola sagittata* (Acanthizidae).
Spectacled Hooded Snake, *Parasuta spectabilis* (Elapidae).
Spectacled Monarch, *Symposiachrus trivirgatus* (Monarchidae).
Spotted Dove, *Streptopelia chinensis* (Columbidae).
Spotted Grass Frog, *Limnodynastes tasmaniensis* (Limnodynastidae).
Spotted Harrier, *Circus assimilis* (Accipitridae).
Spotted Pardalote, *Pardalotus punctatus* (Pardalotidae).
Spotted Quail-thrush, *Cinclosoma punctatum* (Psophodidae).
Spotted-tailed Quoll, *Dasyurus maculatus* (Dasyuridae).
Square-tailed Kite, *Lophoictinia isura* (Accipitridae).
Squirefish, *Pagrus auratus* (Sparidae).
Squirrel Glider, *Petaurus norfolcensis* (Petauridae).
Starry Puffer Fish, *Arothron stellatus* (Tetraodontidae).
Stephens' Banded Snake, *Hoplocephalus stephensii* (Elapidae).
Stingray, *Dasyatis fluviorum?* (Dasyatidae).

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Straw-necked Ibis, *Threskiornis spinicollis* (Threskiornithidae).
Striated Pardalote, *Pardalotus striatus* (Pardalotidae).
Striated Thornbill, *Acanthiza lineata* (Acanthizidae).
Striped Gudgeon, *Gobiomorphus australis* (Eleotridae).
Striped Honeyeater, *Plectorhyncha lanceolata* (Meliphagidae).
Stripey Fish, *Microcanthus strigatus* (Microcanthidae).
Stubble Quail, *Coturnix pectoralis* (Phasianidae).
Stuttering Frog, *Mixophyes balbus* (Myobatrachidae).
Sugar Glider, *Petaurus breviceps* (Petauridae).
Sulphur-crested Cockatoo, *Cacatua galerita* (Cacatuidae).
Superb Fairy-wren, *Malurus cyaneus* (Maluridae).
Superb Lyrebird, *Menura novaehollandiae* (Menuridae).
Swamp Harrier, *Circus approximans* (Accipitridae).
Swamp Quail, *Excalfactoria chinensis* (Phasianidae).
Swamp Rat, *Rattus lutreolus* (Muridae).
Swamp Wallaby, *Wallabia bicolor* (Macropodidae).
Swift Parrot, *Lathamus discolor* (Psittacidae).
Tailor Fish, *Pomatomus saltatrix* (Pomatomidae).
Tarwhine Fish, *Rhabdosargus sarba* (Sparidae).
Tasmanian Fantail, *Rhipidura albiscapa* (Rhipiduridae).
Tawny Frogmouth, *Podargus strigoides* (Podargidae).
Tawny Grassbird, *Megalurus timoriensis* (Megaluridae).
Three-toed Skink, *Saiphos equalis* (Scincidae).
Threebar Porcupine Fish, *Dicotylichthys punctulatus* (Diodontidae).
Tiger Snake, *Notechis scutatus* (Elapidae).
Tinkling Froglet, *Crinia tinnula* (Myobatrachidae).
Toad Fish, *Tetractenos hamiltoni* (Tetraodontidae).
Topknot Pigeon, *Lopholaimus antarcticus* (Columbidae).
Torresian Crow, *Corvus orru* (Corvidae).
Tree Dtella, *Gehyra variegata* (Gekkonidae).
Tree Martin, *Petrochelidon nigricans* (Hirundinidae).
Tree-base Litter-skink, *Lygisaurus foliorum* (Scincidae).
Turquoise Parrot, *Neophema pulchella* (Psittacidae).
Tusked Frog, *Adelotus brevis* (Limnodynastidae).
Tyler's Toadlet, *Uperoleia tyleri* (Myobatrachidae).
Tyler's Tree Frog, *Litoria tyleri* (Hylidae).
Varied Sittella, *Daphoenositta chrysoptera* (Neosittidae).
Variegated Fairy-wren, *Malurus lamberti* (Maluridae).

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Verreaux's Tree Frog, *Litoria verreauxii* (Hylidae).
Water-rat, *Hydromys chrysogaster* (Muridae).
Weasel Skink, *Lampropholis mustelina* (Scincidae).
Weasle Skink, *Saproscincus mustelinus* (Scincidae).
Weebill, *Smicrornis brevirostris* (Acanthizidae).
Welcome Swallow, *Hirundo neoxena* (Hirundinidae).
Western Spinebill, *Acanthorhynchus superciliosus* (Meliphagidae).
Western Wattlebird, *Anthochaera lunulata* (Meliphagidae).
Western Yellow Robin, *Eopsaltria griseogularis* (Petroicidae).
Whiskered Tern, *Chlidonias hybrida* (Laridae).
Whistling Kite, *Haliastur sphenurus* (Accipitridae).
White-backed Swallow, *Cheramoeca leucosterna* (Hirundinidae).
White-bellied Cuckoo-shrike, *Coracina papuensis* (Campephagidae).
White-bellied Sea-eagle, *Haliaeetus leucogaster* (Accipitridae).
White-breasted Robin, *Eopsaltria georgiana* (Petroicidae).
White-breasted Woodswallow, *Artamus leucorhynchus* (Artamidae).
White-browed Scrubwren, *Sericornis frontalis* (Acanthizidae).
White-browed Treecreeper, *Climacteris affinis* (Climacteridae).
White-browed Woodswallow, *Artamus superciliosus* (Artamidae).
White-cheeked Honeyeater, *Phylidonyris niger* (Meliphagidae).
White-eared Honeyeater, *Nesoptilotis leucotis* (Meliphagidae).
White-faced Heron, *Egretta novaehollandiae* (Ardeidae).
White-fronted Chat, *Epthianura albifrons* (Meliphagidae).
White-headed Pigeon, *Columba leucomela* (Columbidae).
White-naped Honeyeater, *Melithreptus lunatus* (Meliphagidae).
White-necked Heron, *Ardea pacifica* (Procellariidae).
White-plumed Honeyeater, *Ptilotula penicillatus* (Meliphagidae).
White-striped Freetail-bat, *Austronomus australis* (Molossidae).
White-striped Freetail-bat, *Tadarida australis* (Molossidae).
White-throated Gerygone, *Gerygone olivacea* (Acanthizidae).
White-throated Needletail, *Hirundapus caudacutus* (Apodidae).
White-throated Nightjar, *Eurostopodus mystacalis* (Caprimulgidae).
White-throated Treecreeper, *Cormobates leucophaea* (Climacteridae).
White-winged Chough, *Corcorax melanorhamphos* (Corcoracidae).
White-winged Triller, *Lalage sueurii* (Campephagidae).
Wilcox's Frog, *Litoria wilcoxii* (Hylidae).
Willie Wagtail, *Rhipidura leucophrys* (Rhipiduridae).
Wompoo pigeon, *Ptilinopus magnificus* (Columbidae).

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Wonga Pigeon, *Leucosarcia melanoleuca* (Columbidae).
Yellow Thornbill, *Acanthiza nana* (Acanthizidae).
Yellow Wagtail, *Motacilla flava* (Motacillidae).
Yellow-bellied Glider, *Petaurus australis* (Petauridae).
Yellow-bellied Sheath-tail-bat, *Saccolaimus flaviventris* (Emballonuridae).
Yellow-billed Spoonbill, *Platalea flavipes* (Threskiornithidae).
Yellow-eyed Cuckoo-shrike, *Coracina lineata* (Campephagidae).
Yellow-faced Honeyeater, *Caligavis chrysops* (Meliphagidae).
Yellow-faced Honeyeater, *Lichenostomus chrysops* (Meliphagidae).
Yellow-faced Whip Snake, *Demansia psammophis* (Elapidae).
Yellow-footed Antechinus, *Antechinus flavipes* (Dasyuridae).
Yellow-rumped Thornbill, *Acanthiza chrysorrhoa* (Acanthizidae).
Yellow-tailed Black Cockatoo, *Calyptorhynchus funereus* (Cacatuidae).
Yellow-throated Scrubwren, *Sericornis citreogularis* (Acanthizidae).
Yellow-tufted Honeyeater, *Lichenostomus melanops* (Meliphagidae).
Yellowfin Leatherjacket, *Meuschenia trachylepis* (Monacanthidae).
Yellowtail Kingfish, *Seriola lalandi* (Carangidae).
Yellowtail Scad, *Trachurus novaezelandiae* (Carangidae).
Zebra Finch, *Taeniopygia guttata* (Estrildidae).

LIST 3: Alphabetic List of Vertebrate Species by Families

Mammalia (Mammals)

Seventyfour species including twelve introduced species (mainly because of agricultural and pet species). Mammals are warm-blooded vertebrates that suckle their young and have hair on their skin (even whales usually have a few hairs at some stage of their development). This list is probably very close to complete.

Bovidae (Horned Ruminants)

<i>Bos taurus</i> *	European Cattle
<i>Capra hircus</i> *	Goat
<i>Ovis aries</i> *	Sheep

Burramyidae (Pygmy Possums)

<i>Acrobates pygmaeus</i>	Feathertail Glider
<i>Cercartetus nanus</i>	Pygmy Possum

Canidae (Dogs)

<i>Canis familiaris</i> *	Dog
<i>Canis lupus dingo</i>	Dingo
<i>Vulpes vulpes</i> *	Red Fox

Cervidae (Deer)

<i>Cervus elaphus</i> *	Red Deer
<i>Dama dama</i> *	Fallow Deer

Dasyuridae (Antechinus)

<i>Antechinus flavipes</i>	Yellow-footed Antechinus
<i>Antechinus stuartii</i>	Brown Antechinus
<i>Antechinus swainsonii</i>	Dusky Antechinus
<i>Dasyurus maculatus</i>	Spotted-tailed Quoll
<i>Phascogale tapoatafa</i>	Brush-tailed Phascogale
<i>Sminthopsis murina</i>	Common Dunnart

Emballonuridae (Sheath-tailed Bats)

<i>Saccolaimus flaviventris</i>	Yellow-bellied Sheath-tailed Bat
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Equidae (Horses)

<i>Equus caballus</i> *	Brumby (Horse)
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Felidae (Cats)

<i>Felis catus</i> *	Cat
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Leporidae (Hares & Rabbits)

<i>Lepus capensis</i> *	Brown Hare
<i>Oryctolagus cuniculus</i> *	Rabbit

Macropodidae (Kangaroos & Wallabies)

<i>Macropus giganteus</i>	Eastern Grey Kangaroo
<i>Macropus parma</i>	Parma Wallaby
<i>Notamacropus rufogriseus</i>	Red-necked Wallaby
<i>Osphranter robustus</i>	Common Wallaroo
<i>Petrogale penicillate</i>	Brush-tailed Rock Wallaby
<i>Thylogale thetis</i>	Red-necked Pademelon
<i>Wallabia bicolor</i>	Swamp Wallaby

Miniopteridae (Bentwing Bats)

<i>Miniopterus australis</i>	Little Bentwing Bat
<i>Miniopterus schreibersii</i>	Eastern Bentwing Bat

Molossidae (Freetail Bats)

<i>Austronomus australis</i>	White-striped Freetail Bat
<i>Mormopterus norfolkensis</i>	Eastern Freetail Bat
<i>Mormopterus planiceps</i>	Little Mastiff Bat
<i>Mormopterus ridei</i>	Ride's Freetail Bat

Muridae (Rats and Mice)

<i>Hydromys chrysogaster</i>	Water Rat
<i>Melomys burtoni</i>	Grassland Melomys
<i>Mus musculus</i>	House Mouse
<i>Pseudomys novaehollandiae</i>	New Holland Mouse
<i>Rattus fuscipes</i>	Bush Rat
<i>Rattus lutreolus</i>	Swamp Rat
<i>Rattus rattus</i>	Black Rat

Ornithorhynchidae (Platypus)

<i>Ornithorhynchus anatinus</i>	Platypus
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Peramelidae (Bandicoots)

<i>Isoodon macrourus</i>	Northern Brown Bandicoot
<i>Isoodon obesulus</i>	Brown Bandicoot
<i>Perameles nasuta</i>	Long-nosed Bandicoot

Petauridae (Gliders)

<i>Petaurus australis</i>	Yellow-bellied Glider
<i>Petaurus breviceps</i>	Sugar Glider
<i>Petaurus norfolcensis</i>	Squirrel Glider

Phalangeridae (Brush-tailed Possums)

<i>Trichosurus caninus</i>	Mountain Brush-tailed Possum
<i>Trichosurus vulpeculus</i>	Common Brush-tailed Possum

Phascolarctidae (Koala)

<i>Phascolarctos cinereus</i>	Koala
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Potoroidae (Potoroos)

<i>Potorous tridactylus</i>	Long-nosed Potoroo
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Pseudocheiridae (Possums)

<i>Petauroides volans</i>	Greater Glider
<i>Pseudocheirus peregrinus</i>	Common Ringtail Possum

Pteropodidae (Fruit Bats)

<i>Pteropus poliocephalus</i>	Grey-headed Flying Fox
<i>Pteropus scapulatus</i>	Little Red Flying Fox

Rhinolophidae (Horseshoe Bats)

<i>Rhinolophus megaphyllus</i>	Smaller Horseshoe Bat
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Salpidae (Alpacas)

<i>Salpa caboti</i> *	Alpaca
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Tachyglossidae (Echidnas)

<i>Tachyglossus aculeatus</i>	Short-beaked Echidna
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Vespertilionidae (Ordinary Bats)

<i>Chalinolobus dwyeri</i>	Large Pied Bat
<i>Chalinolobus gouldii</i>	Gould's Wattled Bat
<i>Chalinolobus morio</i>	Chocolate Wattled Bat
<i>Falsistrellus tasmaniensis</i>	Eastern False Pipistrelle Bat
<i>Myotis macropus</i>	Large-footed Myotis
<i>Nyctophilus geoffroyi</i>	Lesser Long-eared Bat
<i>Nyctophilus gouldi</i>	Gould's Long-eared Bat
<i>Phoniscus papuensis</i>	Golden-tipped Bat
<i>Scoteanax rueppellii</i>	Greater Broad-nosed Bat
<i>Scoteanax orion</i>	Eastern Broad-nosed Bat
<i>Vespadelus darlingtoni</i>	Large Forest Bat
<i>Vespadelus pumilis</i>	Eastern Forest Bat
<i>Vespadelus regulus</i>	Southern Forest Bat
<i>Vespadelus vulturinus</i>	Little Forest Bat

Vombatidae (Wombats)

<i>Vombatus ursinus</i>	Common Wombat
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Aves (Birds)

Three hundred and fifteen birds in 26 families are listed with eight being introduced. All birds are warm-blooded vertebrates with feathers, they also have beaks and wings and lay eggs. Although the Western Yellow Robin (*Eopsaltria griseogularis*) has several records from eastern Australia it is still doubtful whether this species has become established here or whether the identifications were in error.

Acanthizidae (Australasian Warblers)

<i>Acanthiza chrysorrhoa</i>	Yellow-rumped Thornbill
<i>Acanthiza lineata</i>	Striated Thornbill
<i>Acanthiza nana</i>	Yellow Thornbill
<i>Acanthiza pusilla</i>	Brown Thornbill
<i>Acanthiza reguloides</i>	Buff-rumped Thornbill
<i>Chthonicola sagittate</i>	Speckled Warbler
<i>Gerygone levigaster</i>	Mangrove Gerygone
<i>Gerygone mouki</i>	Brown Gerygone
<i>Gerygone olivacea</i>	White-throated Gerygone
<i>Hylacola pyrrhopygia</i>	Chestnut-rumped Heathwren
<i>Origma solitaria</i>	Rockwarbler
<i>Sericornis citreogularis</i>	Yellow-throated Scrubwren
<i>Sericornis frontalis</i>	White-browed Scrubwren
<i>Sericornis magnirostra</i>	Large-billed Scrubwren
<i>Smicrornis brevirostris</i>	Weebill

Accipitridae (Eagles, Hawks & Kites)

<i>Accipiter cirrhocephalus</i>	Collared Sparrowhawk
<i>Accipiter fasciatus</i>	Brown Goshawk
<i>Accipiter novaehollandiae</i>	Grey Goshawk
<i>Apus pacificus</i>	Fork-tailed Swift
<i>Aviceda subcristata</i>	Pacific Baza
<i>Circus approximans</i>	Swamp Harrier
<i>Circus assimilis</i>	Spotted Harrier
<i>Elanus axillaris</i>	Black-shouldered Kite
<i>Haliaeetus leucogaster</i>	White-bellied Sea-eagle
<i>Haliastur indus</i>	Brahminy Kite
<i>Haliastur sphenurus</i>	Whistling Kite
<i>Hieraaetus morphnoides</i>	Little Eagle
<i>Lophoictinia isura</i>	Square-tailed Kite
<i>Pandion cristatus</i>	Eastern Osprey
<i>Pandion haliaetus</i>	Osprey

Acrocephalidae (Reed Warblers)

<i>Acrocephalus australis</i>	Australian Reed-warbler
<i>Acrocephalus stentoreus</i>	Clamorous Reed Warbler

Aegotheidae (Nightjars)

<i>Aegotheles cristatus</i>	Australian Owlet-nightjar
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Alcedinidae (Kingfishers)

<i>Ceyx azureus</i>	Azure Kingfisher
<i>Dacelo novaeguineae</i>	Laughing Kookaburra
<i>Todiramphus macleayii</i>	Forest Kingfisher
<i>Todiramphus sanctus</i>	Sacred Kingfisher

Anatidae (Ducks)

<i>Anas castanea</i>	Chestnut Teal,
<i>Anas gracilis</i>	Grey Teal
<i>Anas platyrhynchos*</i>	Northern Mallard
<i>Anas rhynchotis</i>	Australian Shoveler
<i>Anas superciliosa</i>	Pacific Black Duck
<i>Aythya australis</i>	Hardhead
<i>Biziura lobata</i>	Musk Duck
<i>Cairina moschata</i>	Muscovy Duck
<i>Chenonetta jubata</i>	Australian Wood Duck
<i>Cygnus atratus</i>	Black Swan
<i>Malacorhynchus membranaceus</i>	Pink-eared Duck
<i>Oxyura australis</i>	Blue-billed Duck
<i>Stictonetta naevosa</i>	Freckled Duck
<i>Tadorna tadornoides</i>	Australian Shelduck

Anhingidae (Darters)

<i>Anhinga melanogaster</i>	African Darter
<i>Anhinga novaehollandiae</i>	Australasian Darter

Apodidae (Swifts)

<i>Hirundapus caudacutus</i>	White-throated Needletail
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Ardeidae (Hérons and egrets)

<i>Ardea alba</i>	Great Egret,
<i>Ardea ibis</i>	Cattle Egret
<i>Ardea intermedia</i>	Intermediate Egret
<i>Ardea modesta</i>	Eastern Great Egret
<i>Botaurus poiciloptilus</i>	Australasian Bittern
<i>Egretta alba</i>	Large Egret
<i>Egretta garzetta</i>	Little Egret
<i>Egretta novaehollandiae</i>	White-faced Heron
<i>Egretta picata</i>	Pied Heron
<i>Ixobrychus flavicollis</i>	Black Bittern
<i>Nycticorax caledonicus</i>	Nankeen Night-heron

Artamidae (Woodswallows)

<i>Artamus cyanopterus</i>	Dusky Woodswallow
<i>Artamus leucorhynchus</i>	White-breasted Woodswallow
<i>Artamus personatus</i>	Masked Woodswallow
<i>Artamus superciliosus</i>	White-browed Woodswallow

Cracticus nigrogularis
Cracticus tibicen
Cracticus torquatus
Strepera graculina

Pied Butcherbird
 Australian Magpie
 Grey Butcherbird
 Pied Currawong

Burhinidae (Curlews)

Burhinus grallarius

Bush Stone Curlew

Cacatuidae (Cockatoos)

Cacatua tenuirostris
Cacatua galerita
Cacatua sanguinea
Cacatua tenuirostris
Callocephalon fimbriatum
Calyptorhynchus banksi
Calyptorhynchus funereus
Calyptorhynchus lathami
Eolophus roseicapillus

Long-billed Corella
 Sulphur-crested Cockatoo
 Little Corella
 Long-billed Corella
 Gang-gang Cockatoo
 Red-tailed Black-cockatoo
 Yellow-tailed Black-cockatoo
 Glossy Black-cockatoo
 Galah

Campephagidae (Cuckoo-shrikes)

Coracina lineata
Coracina novaehollandiae
Coracina papuensis
Coracina tenuirostris
Lalage sueurii

Yellow-eyed Cuckoo-shrike
 Black-faced Cuckoo-shrike
 White-bellied Cuckoo-shrike
 Cicadabird
 White-winged Triller

Caprimulgidae (Nightjars)

Eurostopodus mystacalis

White-throated Nightjar

Centropodidae (Coucals)

Centropus phasianinus

Pheasant Coucal

Charadriidae (Dotterels, Lapwings and Plovers)

Charadrius bicinctus
Charadrius ruficapillus
Elsayornis melanops
Vanellus miles
Vanellus tricolor

Double-banded Plover
 Red-capped Plover
 Black-fronted Dotterel
 Masked Lapwing
 Banded Lapwing

Ciconiidae (Storks)

Ephippiorhynchus asiaticus

Black-necked Stork

Cisticolidae (Cisticolas)

Cisticola exilis

Golden-headed Cisticola

Climacteridae (Treecreepers)

<i>Climacteris affinis</i>	White-browed Treecreeper
<i>Climacteris erythrops</i>	Red-browed Treecreeper
<i>Climacteris melanura</i>	Black-tailed Treecreeper
<i>Climacteris picumnus</i>	Brown Treecreeper
<i>Cormobates leucophaea</i>	White-throated Treecreeper

Columbidae (Pigeons and Doves)

<i>Chalcophaps indica</i>	Emerald Dove
<i>Columba leucomela</i>	White-headed Pigeon
<i>Columba livia</i> *	Rock Dove
<i>Geopelia cuneata</i>	Diamond Dove
<i>Geopelia humeralis</i>	Bar-shouldered Dove
<i>Geopelia striata</i>	Peaceful Dove
<i>Leucosarcia melanoleuca</i>	Wonga Pigeon
<i>Lopholaimus antarcticus</i>	Topknot Pigeon
<i>Macropygia amboinensis</i>	Brown Cuckoo-dove
<i>Ocyphaps lophotes</i>	Crested Pigeon
<i>Phaps chalcoptera</i>	Common Bronzewing
<i>Phaps elegans</i>	Brush Bronzewing
<i>Phaps histrionica</i>	Flock Bronzewing
<i>Ptilinopus magnificus</i>	Wompoo pigeon
<i>Ptilinopus regina</i>	Rose-crowned Fruit Dove
<i>Streptopelia chinensis</i>	Spotted Dove

Coraciidae (Rollers)

<i>Eurystomus orientalis</i>	Dollarbird
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Corcoracidae (Choughs)

<i>Corcorax melanorhamphos</i>	White-winged Chough
<i>Struthidea cinerea</i>	Apostlebird

Corvidae (Ravens and Crows)

<i>Corvus coronoides</i>	Australian Raven
<i>Corvus mellori</i>	Little Raven
<i>Corvus orru</i>	Torresian Crow

Cuculidae (Cuckoos)

<i>Cacomantis pallidus</i>	<i>Pallid Cuckoo</i>
<i>Cacomantis flabelliformis</i>	Fan-tailed Cuckoo
<i>Cacomantis variolosus</i>	Brush Cuckoo
<i>Chrysococcyx basalis</i>	Horsfield's Bronze-cuckoo
<i>Chrysococcyx lucidus</i>	Shining Bronze-cuckoo
<i>Cuculus saturates</i>	Himalayan Cuckoo
<i>Cuculus optatus</i>	Oriental Cuckoo
<i>Eudynamys orientalis</i>	Eastern Koel
<i>Scythrops novaehollandiae</i>	Channel-billed Cuckoo

Dasyornithidae (Bristlebirds)

<i>Dasyornis brachypterus</i>	Eastern Bristlebird
<i>Pycnoptilus floccosus</i>	Pilotbird

Dicruridae (Drongos)

<i>Dicrurus bracteatus</i>	Spangled Drongo
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Diomedeidae (Albatrosses)

<i>Diomedea epomophora</i>	Royal Albatross
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Estrildidae (Finches)

<i>Lonchura castaneothorax</i>	Chestnut-breasted Mannikin
<i>Stizoptera bichenovii</i>	Double-barred Finch
<i>Taeniopygia guttata</i>	Zebra Finch

Falconidae (Falcons)

<i>Falco berigora</i>	Brown Falcon
<i>Falco cenchroides</i>	Nankeen Kestrel
<i>Falco longipennis</i>	Australian Hobby
<i>Falco peregrinus</i>	Peregrine Falcon
<i>Falco subniger</i>	Black Falcon

Fringillidae (Finches)

<i>Carduelis carduelis</i> *	European Goldfinch
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Haematopodidae (Oystercatchers)

<i>Haematopus fuliginosus</i>	Sooty Oystercatcher,
<i>Haematopus longirostris</i>	Australian Pied Oystercatcher

Hirundinidae (Swallows)

<i>Cheramoeca leucosterna</i>	White-backed Swallow
<i>Hirundo neoxena</i>	Welcome Swallow
<i>Petrochelidon ariel</i>	Fairy Martin
<i>Petrochelidon nigricans</i>	Tree Martin

Jacanidae (Jacana)

<i>Irediparra gallinacean</i>	Comb-crested Jacana
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Laridae (Gulls, Noddys and Terns)

<i>Anous minutus</i>	Black Noddy
<i>Chlidonias hybrid</i>	Whiskered Tern
<i>Chroicocephalus novaehollandiae</i>	Silver Gull
<i>Hydroprogne caspia</i>	Caspian Tern
<i>Larus pacificus</i>	Pacific Gull
<i>Onychoprion anaethetus</i>	Bridled Tern

Sterna hirundo
Sternula albifrons
Thalasseus bergii

Common Tern
Little Tern
Crested Tern

Maluridae (Wrens)

Malurus cyaneus
Malurus lamberti
Stipiturus malachurus

Superb Fairy-wren
Variegated Fairy-wren
Southern Emu-wren

Megaluridae (Larks)

Cincloramphus cruralis
Megalurus gramineus

Brown Songlark
Little Grassbird

Megapodiidae (Brushturkeys)

Alectura lathamii

Australian Brushturkey

Meliphagidae (Honeyeater)

Acanthorhynchus superciliosus
Acanthorhynchus tenuirostris
Anthochaera carunculata
Anthochaera chrysoptera
Anthochaera lunulata
Anthochaera phrygia
Caligavis chrysops
Entomyzon cyanotis
Epthianura albifrons
Gavicalis virescens
Lichenostomus chrysops
Lichenostomus melanops
Lichmera indistincta
Manorina melanocephala
Manorina melanophrys
podidaelurus timoriensis
Meliphaga lewinii
Melithreptus brevirostris
Melithreptus gularis
Melithreptus lunatus
Myzomela sanguinolenta
Nesoptilotis leucotis
Neochmia temporalis
Philemon citreogularis
Philemon corniculatus
Phylidonyris niger
Phylidonyris novaehollandiae
Phylidonyris pyrrhoptera
Plectorhyncha lanceolata
Ptilotula fusca

Western Spinebill
Eastern Spinebill
Red Wattlebird
Little Wattlebird
Western Wattlebird
Regent Honeyeater
Yellow-faced Honeyeater
Blue-faced Honeyeater
White-fronted Chat
Singing Honeyeater
Yellow-faced Honeyeater
Yellow-tufted Honeyeater
Brown Honeyeater
Noisy Miner
Bell Miner
Tawny Grassbird
Lewin's Honeyeater
Brown-headed Honeyeater
Black-chinned Honeyeater
White-naped Honeyeater
Scarlet Honeyeater
White-eared Honeyeater
Red-browed Finch
Little Friarbird
Noisy Friarbird
White-cheeked Honeyeater
New Holland Honeyeater
Crescent Honeyeater
Striped Honeyeater
Fuscous Honeyeater

Ptilotula penicillatus
Xanthomyza phrygia

White-plumed Honeyeater
Regent Honeyeater

Menuridae (Lyrebirds)

Menura novaehollandiae

Superb Lyrebird

Meropidae (Bee-eater)

Merops ornatus

Rainbow Bee-eater

Monarchidae (Monarch Flycatchers)

Grallina cyanoleuca
Monarcha melanopsis
Myiagra cyanoleuca
Myiagra rubecula
Myiagra inquieta
Symphysichrus trivirgatus

Magpie-lark
Black-faced Monarch
Satin Flycatcher
Leaden Flycatcher
Restless Flycatcher
Spectacled Monarch

Motacillidae (Wagtails and Pipits)

Anthus novaeseelandiae
Motacilla flava

Australasian Pipit
Yellow Wagtail

Nectariniidae (Mistletoebirds)

Dicaeum hirundinaceum

Mistletoebird

Neosittidae (Sittella)

Daphoenositta chrysoptera

Varied Sittella

Oriolidae (Figbirds and Orioles)

Oriolus sagittatus
Sphecotheres vieilloti
Sphecotheres viridis

Olive-backed Oriole
Australasian Figbird
Green Figbird

Orthonychidae (Logrunners)

Orthonyx temminckii

Australian Logrunner

Pachycephalidae (Whistlers and Allies)

Colluricincla harmonica
Falcunculus frontatus
Oreoica gutturalis
Pachycephala olivacea
Pachycephala pectoralis
Pachycephala rufiventris

Grey Shrike-thrush
Crested Shrike-tit
Crested Bellbird
Olive Whistler
Golden Whistler
Rufous Whistler

Paradisaeidae (Birds of Paradise and Bower-birds)

Ptiloris paradiseus

Paradise Riflebird

Pardalotidae (Pardalotes)

<i>Pardalotus striatus</i>	Striated Pardalote
<i>Pardalotus punctatus</i>	Spotted Pardalote

Passeridae (Sparrows)

<i>Passer domesticus</i> *	House Sparrow
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Pelicanidae (Pelicans)

<i>Pelecanus conspicillatus</i>	Australian Pelican
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Petroicidae (Robins)

<i>Eopsaltria australis</i>	Eastern Yellow Robin
<i>Eopsaltria georgiana</i>	White-breasted Robin
<i>Eopsaltria griseogularis</i>	Western Yellow Robin
<i>Petroica boodang</i>	Scarlet Robin
<i>Petroica multicolor</i>	Pacific Robin
<i>Petroica rosea</i>	Rose Robin
<i>Microeca fascians</i>	Jacky Winter

Phalacrocoracidae (Cormorants)

<i>Microcarbo melanoleucos</i>	Little Pied Cormorant
<i>Phalacrocorax carbo</i>	Great Cormorant
<i>Phalacrocorax sulcirostris</i>	Little Black Cormorant
<i>Phalacrocorax varius</i>	Pied Cormorant

Phasianidae (Quails)

<i>Coturnix pectoralis</i>	Stubble Quail
<i>Coturnix ypsilophora</i>	Brown Quail
<i>Excalfactoria chinensis</i>	Swamp Quail
<i>Gallus gallus</i>	Red Junglefowl
<i>Pavo cristatus</i> *	Indian Peafowl

Pittidae (Pittas)

<i>Pitta versicolor</i>	Noisy Pitta
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Podargidae (Frogmouths)

<i>Podargus strigoides</i>	Tawny Frogmouth
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Podicipedidae (Grebes)

<i>Poliocephalus poliocephalus</i>	Hoary-headed Grebe
<i>Tachybaptus novaehollandiae</i>	Australasian Grebe

Pomatostomidae (Babblers)

<i>Pomatostomus ruficeps</i>	Chestnut-crowned Babbler
<i>Pomatostomus temporalis</i>	Grey-crowned Babbler

Procellariidae (Hérons)*Ardea pacifica*

White-necked Heron

Psittacidae (Parrots)*Alisterus scapularis*

Australian King-parrot

Eclectus roratus

Eclectus Parrot

Glossopsitta concinna

Musk Lorikeet

Lathamus discolor

Swift Parrot

Neophema pulchella

Turquoise Parrot

Northiella haematogaster

Blue Bonnet

Parvipsitta pusilla

Little Lorikeet

Platycercus elegans

Crimson Rosella

Platycercus eximius

Eastern Rosella

Psephotus haematonotus

Red-rumped Parrot

Trichoglossus chlorolepidotus

Scaly-breasted Lorikeet

Trichoglossus haematodus

Rainbow Lorikeet

Psophodidae (Whipbirds and Allies)*Cinclosoma punctatum*

Spotted Quail-thrush

Psophodes cristatus

Chirruping Wedgebill

Psophodes olivaceus

Eastern Whipbird

Ptilonorhynchidae (Bowerbirds and Catbirds)*Ailuroedus crassirostris*

Green Catbird

Ptilonorhynchus violaceus

Satin Bowerbird

Sericulus chrysocephalus

Regent Bowerbird

Pycnonotidae (Bulbuls)*Pycnonotus jocosus**

Red-whiskered Bulbul

Rallidae (Rails and Allies)*Fulica atra*

Eurasian Coot

Gallinula tenebrosa

Dusky Moorhen

Gallirallus mellori

Buff-banded Rail

Lewinia pectoralis

Lewin's Rail

Porphyrio porphyrio

Purple Swamphen

Porzana fluminea

Australian Spotted Crake

Porzana pusilla

Baillon's Crake

Recurvirostridae (Stilts and Avocets)*Himantopus himantopus*

Black-winged Stilt

Recurvirostra novaehollandiae

Red-necked Avocet

Rhipiduridae (Fantails and Wagtails)

<i>Rhipidura albiscapa</i>	Grey Fantail?
<i>Rhipidura fuliginosa</i>	New Zealand Fantail
<i>Rhipidura leucophrys</i>	Willie Wagtail
<i>Rhipidura rufifrons</i>	Rufous Fantail

Rostratulidae (Painted Snipes)

<i>Rostratula australis</i>	Australian Painted Snipe
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Scolopacidae (Snipes)

<i>Actitis hypoleucos</i>	Common Sandpiper
<i>Ardenna grisea</i>	Sooty Shearwater
<i>Calidris acuminata</i>	Sharp-tailed Stint
<i>Calidris ruficollis</i>	Red-necked Stint
<i>Gallinago hardwickii</i>	Latham's Snipe
<i>Limosa lapponica</i>	Bar-tailed Godwit

Spheniscidae (Penguins)

<i>Eudyptula minor</i>	Little Penguin
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Strigidae (Owls)

<i>Ninox connivens</i>	Barking Owl
<i>Ninox novaeseelandiae</i>	Boobook Owl
<i>Ninox strenua</i>	Powerful Owl

Sturnidae (Mynahs)

<i>Acridotheres tristis</i> *	Indian Mynah
<i>Sturnus tristis</i>	Common Mynah
<i>Sturnus vulgaris</i>	Common Starling

Threskiornithidae (Ibises and Spoonbills)

<i>Platalea flavipes</i>	Yellow-billed Spoonbill
<i>Platalea regia</i>	Royal Spoonbill
<i>Plegadis falcinellus</i>	Glossy Ibis
<i>Threskiornis molucca</i>	Australian White Ibis
<i>Threskiornis spinicollis</i>	Straw-necked Ibis

Timaliidae (Silvereyes)

<i>Zosterops lateralis</i>	Silvereye
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Turdidae (Thrushes)

<i>Turdus merula merula</i> *	Common Blackbird
<i>Zoothera dauma</i>	Scaly Thrush
<i>Zoothera heinei</i>	Russet-tailed Thrush
<i>Zoothera lunulata</i>	Bassian Thrush

Turnicidae (Button-quails)

Turnix maculosus

Turnix varius

Turnix velox

Red-backed Button-quail

Painted Button-quail

Little Button-quail

Tytonidae (Owls)

Tyto alba

Tyto javanica

Tyto novaehollandiae

Tyto tenebricosa

Barn Owl

Eastern Barn Owl

Masked Owl

Sooty Owl

Reptilia (Including snakes, skinks, geckos, dragons, goannas and turtles)

Fiftyeight species in 13 families are listed with no introduced species.

Agamidae (Dragon Lizards)

<i>Amphibolurus muricatus</i>	Jacky Lizard
<i>Hypsilurus spinipes</i>	Southern Angle-headed Dragon
<i>Intellagama lesueurii</i>	Eastern Water Dragon
<i>Pogona barbata</i>	Eastern Bearded Dragon
<i>Rankinia diemensis</i>	Mountain Dragon

Boidae (Boas and Pythons)

<i>Morelia spilota spilota</i>	Diamond Python
<i>Morelia spilota variegata</i>	Carpet Python

Carphodactylidae (Southern Padless Geckos)

<i>Phyllurus platurus</i>	Broad-tailed Gecko
<i>Saltuarius swaini</i>	Southern Leaf-tailed Gecko
<i>Underwoodisaurus milii</i>	Barking Gecko

Chelidae (Freshwater Turtles)

<i>Chelodina longicollis</i>	Eastern Snake-necked Turtle
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Cheloniidae (Marine Turtles)

<i>Caretta caretta</i>	Loggerhead Turtle
<i>Chelonia mydas</i>	Green Turtle
<i>Natator depressus</i>	Flatback Turtle

Colubridae (Venomless and Rear-fanged Snakes)

<i>Boiga irregularis</i>	Brown Tree Snake
<i>Dendrelaphis punctulatus</i>	Common Tree Snake

Diplodactylidae (Austral Geckos)

<i>Amalosia lesueurii</i>	Lesueur's Velvet Gecko
<i>Nebulifera robusta</i>	Robust Velvet Gecko
<i>Oedura tryoni</i>	Southern Spotted Velvet Gecko

Elapidae (Elapid Land Snakes)

<i>Acanthophis antarcticus</i>	Common Death Adder
<i>Cacophis krefftii</i>	Southern Dwarf Crowned Snake
<i>Cacophis squamulosus</i>	Golden-crowned Snake
<i>Cryptophis nigrescens</i>	Eastern Small-eyed Snake
<i>Demansia psammophis</i>	Yellow-faced Whip Snake
<i>Furina diadema</i>	Red-naped Snake
<i>Hemiaspis signata</i>	Black-bellied Swamp Snake
<i>Hoplocephalus bitorquatus</i>	Pale-headed SnakeMartinsville

Hoplocephalus stephensii
Notechis scutatus
Pseudechis porphyriacus
Rhinoplocephalus nigrescens
Vermicella annulata

Stephens' Banded Snake
 Tiger Snake
 Red-bellied Black Snake
 Small-eyed Snake
 Bandy-bandy

Gekkonidae (Typical Geckos)

Gehyra variegata

Tree Dtella

Pygopodidae (Legless Geckos)

Delma plebeia
Lialis burtonis
Pygopus lepidopodus

Leaden Delma
 Burton's Snake-lizard
 Common Scalyfoot

Scincidae (Skink Lizards)

Bellatorias major
Carlia vivax
Cryptoblepharus virgatus
Ctenotus robustus
Ctenotus taeniolatus
Cyclodomorphus gerrardii
Cyclodomorphus michaeli
Egernia cunninghami
Eulamprus quoyii
Eulamprus tenuis
Eulamprus sp.
Lampropholis delicata
Lampropholis guichenoti
Lampropholis musteline
Lygisaurus foliorum
Saproscincus mustelinus
Tiliqua scincoides
Saiphos equalis

Land Mullet
 Rainbow Skink
 Cream-striped Shinning-skink
 Robust Ctenotus
 Copper-tailed Skink
 Pink-tongued Skink
 Mainland She-oak Skink
 Cunningham's Skink
 Eastern Water-skink
 Barred-sided Skink
 Ring-tailed Skink (undescribed)
 Dark-flecked Garden Sunskink
 Pale-flecked Garden Sunskink
 Weasel Skink
 Tree-base Litter-skink
 Weasle Skink
 Eastern Blue-tongue Lizard
 Three-toed Skink

Typhlopidae (Blind Snakes)

Ramphotyphlops nigrescens
Ramphotyphlops weidii

Blackish Blind Snake
 Brown-snouted Blind Snake

Varanidae (Goanna Lizards)

Varanus gouldii
Varanus varius

Gould's Goanna
 Lace Monitor

Amphibia (Frogs, Toads and Salamanders)

Fortytwo species including two introduced species have been recorded. There are no true toads native to Australia but the introduced Cane Toad (*Rhinella marina*) has been recorded on several occasions it does not appear to have become established. Similarly there are no native salamanders (although fossil forms are known) from Australia. The Mexican Walking Fish (*Ambystoma mexicanum*) is often kept as an aquarium or fish-pond pet but it has not been recorded as becoming established in the wild. It is now critically endangered in its native habitat in Mexico. The tree frog genus *Litoria* with 19 species is the most speciose vertebrate genus in the catchment. This list is probably close to being complete.

Ambystomatidae (Salamanders)

<i>Ambystoma mexicanum</i> *	Mexican Walking Fish
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Bufonidae (True Toads)

<i>Rhinella marina</i> *	Cane Toad
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Hylidae Tree Frogs)

<i>Litoria aurea</i>	Green and Golden Bell Frog
<i>Litoria brevipalmata</i>	Green-thighed Frog
<i>Litoria caerulea</i>	Green Tree Frog
<i>Litoria chloris</i>	Red-eyed Tree Frog
<i>Litoria citropa</i>	Blue Mountains Tree Frog
<i>Litoria dentata</i>	Bleating Tree Frog
<i>Litoria fallax</i>	Eastern Dwarf Tree Frog
<i>Litoria freycineti</i>	Freycinet's Frog
<i>Litoria jervisiensis</i>	Jervis Bay Tree Frog
<i>Litoria latopalmata</i>	Broad-palmed Frog
<i>Litoria lesueuri</i>	Lesueur's Frog
<i>Litoria littlejohni</i>	Heath Frog
<i>Litoria pearsoniana</i>	Pearson's Frog
<i>Litoria peronii</i>	Peron's Tree Frog
<i>Litoria phyllochroa</i>	Green Stream Frog
<i>Litoria revelata</i>	Revealed Frog
<i>Litoria tyleri</i>	Tyler's Tree Frog
<i>Litoria verreauxii</i>	Verreaux's Tree Frog
<i>Litoria wilcoxii</i>	Wilcox's Frog

Limnodynastidae (Australian Ground Frogs)

<i>Adelotus brevis</i>	Tusked Frog
<i>Heleioporus australiacus</i>	Giant Burrowing Frog
<i>Lechriodus fletcheri</i>	Fletcher's Frog
<i>Limnodynastes dumerilii dumerilii</i>	Banjo Frog
<i>Limnodynastes dumerilii grayi</i>	Gray's Banjo Frog
<i>Limnodynastes peronii</i>	Striped Marsh Frog
<i>Limnodynastes tasmaniensis</i>	Spotted Grass Frog
<i>Platyplectrum ornatum</i>	Ornate Burrowing Frog

Myobatrachidae (Australian Toadlets and Froglets)

<i>Crinia signifera</i>	Common Eastern Froglet
<i>Crinia tinnula</i>	Tinkling Froglet
<i>Mixophyes balbus</i>	Stuttering Frog
<i>Mixophyes fasciolatus</i>	Great Barred Frog
<i>Mixophyes iteratus</i>	Giant Barred Frog
<i>Paracrinia haswelli</i>	Haswell's Frog
<i>Pseudophryne australis</i>	Red-crowned Toadlet
<i>Pseudophryne bibronii</i>	Bibron's Toadlet
<i>Pseudophryne coriacea</i>	Red-backed Toadlet
<i>Uperoleia fusca</i>	Dusky Toadlet
<i>Uperoleia laevigata</i>	Smooth Toadlet
<i>Uperoleia tyleri</i>	Tyler's Toadlet

Pisces (Fish)

Fifty fish species from 32 families have been recorded including two introduced species. However, the fish of the Dora Creek Catchment have not been systematically surveyed and this list may well be far from complete. The weir across Dora Creek at Cooranbong (which has been there for over a century) separates the fresh-water from the saline waters below it. Probably most of the fish in Lake Macquarie will enter the Dora Creek Estuary from time to time but only a limited number have been recorded here. A report of a large Groper (possibly an Eastern Blue Groper, *Achoerodus viridis*) in Dora Ck estuary has not been confirmed and is not included below. Also, one species *Lepidotrigla mulhalli* a marine Deepwater Gurnard, recorded from the Freemans Waterhole area has not been included as it is believed to be in error.

Anguillidae (Eels)

<i>Anguilla australis</i>	Southern Shortfin Eel
<i>Anguilla reinhardtii</i>	Longfin Eel

Apogonidae (Cardinal Fish)

<i>Ostorhinchus fasciatus</i>	Bar-striped Cardinal Fish
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Arripidae (Salmon)

<i>Arripis trutta</i>	Eastern Australian Salmon
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Carangidae (Jackfish, Scad etc.)

<i>Elagatis bipinnulata</i>	Rainbow Runner Fish
<i>Pseudocaranx dentex</i>	Silver Trevally
<i>Seriola dumerili</i>	Amberjack
<i>Seriola lalandi</i>	Yellowtail Kingfish
<i>Trachinotus blochii</i>	Snubnose Dart Fish
<i>Trachurus novaezelandiae</i>	Yellowtail Scad

Carcharhinidae (Sharks)

<i>Carcharinus leucas</i>	Bull Shark
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Cyprinidae (Carp, Barbs etc.)

<i>Cyprinus carpio</i> *	European Carp
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Dasyatidae (Stingrays)

<i>Dasyatis fluviorum</i> ?	Stingray
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Diodontidae (Porcupine Fish)

<i>Dicotylichthys punctulatus</i>	Threebar Porcupine Fish
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Eleotridae (Sleeper Gobies)

Gobiomorphus australis
Gobiomorphus coxii
Hypseleotris compressa
Hypseleotris galii
Philypnodon grandiceps
Philypnodon macrostomus

Striped Gudgeon
Cox's Gudgeon
Empire Gudgeon
Firetail Gudgeon
Flathead Gudgeon
Dwarf Flathead Gudgeon

Galaxiidae (Galaxias)

Galaxias maculatus

Common Galaxias

Gerreidae (Mojarras)

Gerres subfasciatus

Common Silverbiddy

Gobiidae (Gobies)

Pseudogobius olorum

Bluespot Goby

Hemirhamphidae (Garfish)

Hyporhamphus regularis
Hyporhamphus melanochir
Upeneus tragula

River Garfish
Eastern Sea Garfish
Southern Garfish

Lutjanidae (Snappers)

Lutjanus kasmira

Blue-striped Snapper

Monacanthidae (Leatherjackets)

Meuschenia freycineti
Meuschenia trachylepis
Monacanthus chinensis

Sixspine Leatherjacket
Yellowfin Leatherjacket
Fanbelly Leatherjacket

Monodactylidae (Moonyfish)

Monodactylus argenteus

Diamondfish

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Microcanthidae (Chub)

Microcanthus strigatus Stripey

Mugilidae (Mulletts)

Mugil cephalus Sea Mullet

Percichthyidae (Perches)

Macquaria novemaculeata Australian Bass

Platycephalidae (Flatheads)

Platycephalus fuscus Dusky Flathead

Plotosidae (Catfish)

Tandanus tandanus? Eel-tailed Catfish

Poeciliidae (Tooth-carps)

*Gambusia holbrooki** Eastern Gambusia

Pomatomidae (Tailor Fish)

Pomatomus saltatrix Tailor Fish

Pseudotriakidae (Ground Sharks)

Gollum attenuatus Leopard Shark

Rhinobatidae (Shovelnose Rays)

Aptychotrema rostrata Eastern Shovelnose Ray

Sciaenidae (Drum Fish)

Argyrosomus hololepidotus Mullaway

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Sillaginidae (Whitings)

Sillago ciliata

Sand Whiting

Sparidae (Sea Breams)

Acanthopagrus australis

Bream

Rhabdosargus sarba

Tarwhine Fish

Pagrus auratus

Squirefish

Terapontidae (Grunters and Tigerperches)

Pelates sexliniatus

Eastern Striped Grunter

Tetraodontidae (Pufferfish)

Arothron stellatus

Starry Puffer Fish

Tetractenos hamiltoni

Toad Fish

Tetrarogidae (Waspfish)

Notesthes robusta

Bullrout

Uranoscopidae (Stargazers)

Kathetostoma laevis

Common Stargazer Fish

LIST 4: Threatened Vertebrate Fauna Species

It is largely field biologists that observe, record localities, estimate rarity, publish data etc. that provide data on conservation status of a species. In order to assess the conservation status of any given species the application of internationally recognised criteria are then applied to determine its level of threat. The Federal and State Governments have both legislated to protect Australian species at risk by the EPBC (1999) and the TSC (1995) Acts. The conservation status of any species may be categorised as extinct, extinct in the wild, critically endangered, threatened, vulnerable, near threatened or least concern. An additional category of 'data deficient' is applied to species (often very rare species) where so little is known about the species that a reliable conservation status category cannot be determined. The degree of legislative protection is then tailored to the conservation status category.

The categories listed here are Critical, Endangered and Vulnerable. However, it should be remembered that for many rare species (and possibly nearly all the millions of undescribed species) they can only be categorised as 'data deficient'. There is no doubt that many of these species will become extinct before their conservation status can be determined (it has been estimated that at the current rate of taxonomic work in Australia it will be about 400 years before all species are described). The number one factor in the decimation and extinction of species is the loss of suitable habitat caused by human interference (including climate change).

The International Union for the Conservation of Nature (IUCN) lists about 4,500 animal species as threatened. A few species may be taken off the list each year largely due to conservation efforts or the discovery of additional populations but hundreds are likely to be added. Many individual countries and states also produce lists with the object of directing meagre conservation funds in the optimal direction.

Threatened species by scientific name giving legal status

Anthochaera phrygia Regent Honeyeater (Critically Endangered, EPBC Act and TSC Act)
Botaurus poicilopterus Australian Bittern (Endangered, EPBC & TSC Acts)
Callocephalon fimbriatum Gang-gang Cockatoo (Vulnerable, TSC Act)
Calyptorhynchus lathamii Glossy Black-Cockatoo (Vulnerable, TSC Act)
Chalinolobus dwyeri Large-eared Pied Bat (Vulnerable EPBC & TSC Acts)
Daphoenositta chrysoptera Varied Sittella (Vulnerable, TSC Act)
Dasyornis brachypterus Eastern Bristlebird (Endangered, EPBC & TSC Acts)
Dasyurus maculatus Spotted-tailed Quoll (Endangered EPBC, Vulnerable, TSC Acts)
Ephippiorhynchus asiaticus Black-necked Stork (Endangered, TSC Act)

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Glossopsitta pusilla Little Lorikeet (Vulnerable, TSC Act)
Heleioporus australicus Giant Burrowing Frog (Vulnerable, EPBC & TSC Acts)
Hoplocephalus Bbungaroides Broad-headed Snake (Vulnerable, EPBC Act & Endangered, TSC Act)
Keryivoula papuensis Golden Tipped Bat (Vulnerable, TSC Act)
Lathamus discolor Swift Parrot (Endangered, EPBC Act and TSC Act)
Litoria aurea Green and Golden Bell Frog (Vulnerable, EPBC, Endangered TSC)
Litoria brevipalmata Green-thighed Frog (Vulnerable, TSC)
Litoria littlejohni Littlejohn's Tree Frog (Vulnerable, EPBC & TSC Acts)
Lophoictinia isura Square-tailed Kite (Vulnerable, TSC Act)
Miniopterus australis Little Bentwing-bat (Vulnerable, TSC Act)
Miniopterus schreibersii oceanensis Eastern Bentwing-bat (Vulnerable, TSC Act)
Mixophyes balbus Stuttering Frog (Vulnerable, EPBC, Endangered, TSC Acts)
Mixophyes iteratus Giant Barred Frog (Endangered, EPBC & TSC Acts)
Mormopterus norfolkensis Eastern Freetail-bat (Vulnerable, TSC Act)
Myotis macropus Southern Myotis (Vulnerable, TSC Act)
Neophema pulchella Turquoise Parrot (Vulnerable, TSC act)
Ninox strenua Powerful Owl (Vulnerable, TSC Act)
Pandion cristatus Osprey (Vulnerable, TSC Act)
Petaurus australis Yellow-bellied Glider (Vulnerable, TSC Act).
Petaurus norfolcensis Squirrel Glider (Vulnerable, TSC Act)
Petrogale penicillata Brush-tailed Rock-wallaby (Vulnerable EPBC Act, Endangered TSC Act)
Phascogale tapoatafa Brush-tailed Phascogale (Vulnerable, TSC Act)
Phascolarctos cinereus Koala (Vulnerable, EPBC & TSC)
Potorous tridactylus Long-nosed Potoroo (Vulnerable EPBC & TSC Acts)
Pseudomys novaehollandiae New Holland Mouse Vulnerable EPBC Act)
Pseudophryne australis Red-crowned Toadlet (Vulnerable, TSC Act)
Pteropus poliocephalus Grey-headed Flying Fox (Vulnerable, EPBC & TSC Acts)
Rostratula australis Australian Painted Snipe (Endangered, EPBC & TSC Acts)
Scoteanax rueppellii Greater Broad-nosed Bat (Vulnerable, TSC Act)
Tyto novaehollandiae Masked Owl (Vulnerable, TSC Act)
Tyto tenebricosa Sooty Owl (Vulnerable, TSC Act)

LIST 5: Gap Species

While compiling this inventory, the authors have noted that for many species as shown in the web-based *Atlas of Living Australia* localities could be found in the Sydney area but the next record along the east coast might be in the Newcastle/ Hunter area or even as far north as Queensland. Coastal species found just north and south of the Dora Creek Catchment are listed as ‘Gap Species’, many of which are likely to be found in the catchment in the future. (The authors have already found a number of the flora ‘Gap Species’ since the publication of the ‘Flora’ volume, - see Annable and Fisher, 2014). For many of these species it is likely that the disjunction represents a lack of reported observations in the catchment rather than an actual absence of the species from the catchment. This list is far from complete but consists of species that we happened to come across during the study. It is anticipated that future surveys within the catchment will lead to the transfer of many gap species to the primary list (although more surveys in surrounding areas are likely to increase the number of ‘gap species’). It is also expected that with continued global warming that more Queensland species will become New South Wales species (particularly species that can fly).

Acritoscincus platynotus (Scincidae): Red-throated Skink.

Diplodactylus vittatus (Diplodactylidae): Wood Gecko.

Hyporhamphus melanochir (Hemiramphidae): Southern Garfish. Lake Macquarie.

Hyporhamphus australis (Hemiramphidae): Eastern Sea Garfish. Lake Macquarie.

Limnodynastes interioris (Limnodynastidae): Giant Banjo Frog. Just west of watershed.

Liopholis whitii (Scincidae): White’s Skink.

Litoria nasuta (Hylidae): Striped Rocket Frog. Found N,S,E & W of Dora Ck catchment.

Lygisaurus foliorum (Scincidae): Tree-base Litter Skink.

Siganus fuscescens (Mullidae): Black Rabbitfish. Lake Macquarie.

Tylosurus gavaloides (Belonidae): Black Rabbit Fish. Dora Creek Estuary?

Upeneus tragula (Mullidae): Bartail Goatfish. Lake Macquarie.

Uperoleia mahonyi (Myobatrachidae): Mahony’s Frog. Between Dora Ck & Awaba.

Varanus rosenbergi (Varanidae): Heath Monitor.

The Inventory Part B. Invertebrates

Introduction

Approximately 75% of all Australian invertebrates have yet to be scientifically described (Cathy Byrne, 2018) Curator of Zoology, Tasmanian Museum.

The eight invertebrate phyla found in the Dora Creek catchment are as follows:

Arthropoda—arthropods include insects, spiders, mites, crustaceans and myriapods.

Mollusca—molluscs include snails, mussels, slugs etc.

Annelida—segmented worms including earthworms, bristle worms, and leeches.

Nematoda—unsegmented worms, nematodes, round worms etc.

Nemertea—marine ribbon worms, proboscis worms.

Platyhelminthes—flatworms, planarians and temnocephalids.

Cnidaria—hydras, corals and jellyfish.

Porifera—sponges.

Dora Creek Catchment	No. of species & % of total	Australia	No. of species ²
Formicidae	42 (2.2%)	Ants	1894
Salticidae	32 (1.9%)	Jumping Spiders	1646
Araneidae	24 (2.3%)	Orb-weaver Spiders	1062
Scarabaeidae	21 (2.2%)	Chafer Beetles	940
Thomisidae	18 (2.1%)	Crab Spiders	842
Coccinellidae	17 (2.0%)	Ladybirds	836
Noctuidae	16 (2.5%)	Armyworm Moths	650
Arctiidae	12 (3.3%)	Tiger Moths	366
Culicidae	12 (3.3%)	Mosquitoes	365
Theridiidae	11 (3.0%)	Scaffold-web Spiders	362
Oecophoridae	11 (0.5%)	Concealer Moths	2260
Pyralidae	10 (1.7%)	Snout Moths	525
Totals	226 (1.9%)		11,748

Table 4. The twelve most species-rich families of invertebrates represented in the Dora Creek Catchment with Australia-wide statistics for comparison.

2. Australian statistics from ALA (2018) of described species.

Phylum	Common Name(s)	No. of Species
Arthropoda	Insects	606
	Crustaceans (Crabs, Shrimps, Woodlice, Water fleas etc.)	28
	Arachnids (Spiders, Scorpions, Mites etc.)	146
	Myriapods (Centipedes, Millipedes etc.)	15
Mollusca	Snails, Mussels, Slugs etc.	52
Annelida	Segmented worms (Earthworms, Leeches, Bristle worms etc.)	14
Nematoda	Round worms, Thread worms etc.	3
Nemertea	Ribbon worms	1
Platyhelminthes	Flat worms, Tape worms etc.	9
Cnidaria	Jelly fish, Corals, etc.	2
Porifera	Sponges	1
Monads	Unicellular animals	7

Table 5: Number of Species Identified in Major Phyla of Invertebrate Fauna.

LIST 6: All Invertebrates

By Systematic Name, Family Name, Common Name & Locality.

In spite of the great importance of invertebrates in ecological systems the studies of invertebrate species have been lacking (particularly of small species). During this study over 900 invertebrate species have been identified (some not included in this list). Many more species remain to be confirmed as being present in the Dora Creek catchment and many will be new to science. For example, there are hundreds of species of mites but currently identification of microscopic species may be difficult or impossible. Identification of obscure species can be very time-consuming and expensive so it was felt that publication should go ahead at this stage where many of the more common species have been included. Where there is doubt about the identification of a species a question mark follows the scientific name. Because some species are very variable and because closely related species may be very similar it is possible that some identifications are not precisely correct. However, in order to simplify the list no subgenera or subspecies have been listed. Only a few examples of species where not even the genus could be determined have been included. In some cases, genetic studies are necessary for precise identification but no such studies have been made for this work. A large proportion of species have been found in suburban back gardens, emphasising the importance of such habitats in maintaining biodiversity.

* indicates an introduced species. However, it should be borne in mind that for many species of invertebrates it is not known whether they are introduced or not and also that for many small or rare species there are very few historical records.

Abantiades labyrinthicus (Hepialidae): Labyrinthine Swift Moth. Babers Rd N.
Abhamma australasiae (Hepialidae): Southern Hepialid Moth. Cooranbong.
Abispa splendida (Vespidae): Splendid Wasp. Avondale CHE.
Acheta domestica? * (Gryllidae): Brown House Cricket. Avondale CHE; Babers Rd N.
Achroia grisella (Pyralidae): Lesser Wax Moth. Avondale CHE.
Acontia nivipicta (Noctuidae): Bird-dropping Moth. Babers Rd N.
Acosmeryx miskini? (Sphingidae): Variegated Hawk Moth. Babers Rd N.
Acracantha sydneyensis? (Tipulidae): Sydney Midge. Babers Rd N.
Acraspisoides monticola? (Therevidae): Stiletto Fly. Babers Rd N.
Aeolostoma scutiferana (Tortricidae): Lizard-poo Moth. Babers Rd N.
*Aethina tumida** (Nitidulidae): Small Hive Beetle. Babers Rd N.
Aethus parvulus (Cydnidae): Small Spiny Burrowing Bug, Babers Rd N.
Afranthidium repetitum? * (Apidae): Carder Bee. Babers Rd N.
Agamana conjungens (Noctuidae): Triangles Moth. Babers Rd N.
Agarista agricola (Noctuidae): Joseph's Coat Moth. Babers Rd N.
Agasicles hygrophila (Chrysomelidae): Staghorn Beetle. Walls Lane.
Agraptocorixa parvipunctata (Corixidae): Speckled Waterboatman. Cooranbong Park.
Agrianome spinicollis (Cerambycidae): Poinciana Longicorn Beetle. Avondale CHE.
Agrioglypta excelsalis? (Crambidae): Fig Moth. Babers Rd N.
Agrius convolvuli (Sphingidae): Convolvulus Hawk Moth. Walls Lane.
Agrotis infusa (Noctuidae): Bogong Moth. Avondale CHE; Babers Rd N.
Aleeta curvicosta (Cicadidae): Floury Baker Cicada. Babers Rd N.
Acrida conica (Acrididae): Giant Green Slantface Grasshopper.

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Acripeza reticulata (Tettigoniidae): Mountain Katydid. One-tree Hill.
Acroaspis tuberculifera (Araneidae): Tubercular Orb-weaver Spider. Babers Rd N.
Acroceuthes metaxanthana (Tortricidae): Dog-faced Moth. Babers Rd N.
Acrophylla titan (Phasmatidae): Titan Stick Insect. Beauty Point Rd.
Acropsilus sp. (Dolichopodidae): Long-legged Iridescent Fly. Babers Rd N; Turrumurra.
Acropyga pallida (Formicidae): Pallid Brown Ant. Sauls Rd; Walls Lane.
Actinia australiensis? (Actiniidae): Orange Sea Anemone. Stockton Ck.
Acyrtosiphon pisum? (Aphididae): Greenfly. Babers Rd N.
Adoxotoma justyniae (Salticidae): Justyn's Jumping Spider. Babers Rd N.
Adoxotoma nodosa (Salticidae): Nodosa Jumping Spider. Babers Rd N; Turrumurra N.
Adrisa erichsoni (Cydnidae): Glossy-black Root Bug. Avondale CHE.
Adversaeschna brevistylis (Aeschnidae): Spotted Dragonfly. Walls Lane.
Aedes alboannulatus (Culicidae): Banded Mosquito. Babers Rd N.
Aedes alternans (Culicidae): Giant Grey Mosquito. Babers Rd N.
Aedes quasirubithorax (Culicidae): Russet Mosquito. Babers Rd N.
Aenetus tegulatus (Hepialidae): Magenta-underwing Hepialid Moth. Babers Rd N.
*Allopeas clavulinus** (Achatinellidae): Spiked Awnsnail. Deaves Rd; Walls Lane.
Allothreua maculata (Scutigeridae): Mottled Scutigera. Avondale CHE; Babers Rd N.
Aloa marginata (Arctiidae): Donovan's Tiger Moth. Babers Rd N.
Alophosoma emmelopis (Erebidae): Mottled Tufted Moth, Babers Rd; Morisset; Sauls Rd.
Amastigogonus hellyeri (Iulomorphidae): Hellyer's Blind Centipede. Babers Rd N.
Amata annulata (Arctiidae): Orange-headed Wasp Moth. Babers Rd N.
Amata nigriceps (Arctiidae): Black-headed Wasp Moth. Dora Ck delta.
Amblyomma limbatum (Ixodidae): Reptile Tick. Avondale CHE.
Amblypsilopus brevitibia (Dolichopodidae): Short-shinned Fly. Walls Lane.
Amegilla bombiformis (Apidae): Teddybear Bee. Babers Rd N.
Amegilla cingulata (Apidae): Blue-banded Bee. Avondale CHE; Babers Rd N.
Amenia imperialis (Calliphoridae): Snail Parasite Blowfly. Babers Rd N.
Amphistomus specularifer (Scarabaeidae): Translucent Scarab Beetle. Walls Lane; Sauls Rd N.
Amphylaeus nubillosellus (Colletidae): Three-yellow-spotted Wasp. Babers Rd N.
Amyntas corticis (Megascolecidae): Black Wiggler Worm. Freeman's Dr S.
Anopheles annulipes (Culicidae): Inverse ring-legged Mosquito. Babers Rd N.
Anopheles atratipes (Culicidae): Shaggy Palps Mosquito. Babers Rd N.
Anoplognathus chloropyrus (Scarabaeidae): Green Christmas Beetle. Avondale CHE.
Anoplognathus montanus (Scarabaeidae): Tan Christmas Beetle. Babers Rd N.
Anoplognathus pallidicollis (Scarabaeidae): Pale Christmas Beetle. Babers Rd N.
Anoplognathus porosus (Scarabaeidae): Common Christmas Beetle. Babers Rd N.

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Anoplognathus viridiaeneus (Scarabaeidae): King Christmas Beetle. Babers Rd N.
Anotylus lateralis (Staphylinidae): Spiny-legged Rove Beetle. Martinsville.
Anotylus pusillimus (Staphylinidae): Tiny Rove Beetle. Babers Rd N.
Anthela acuta? (Anthelidae): Common Anthelid Moth. Babers Rd N.
Anthela excellens (Anthelidae): Dead-leaf Moth. Babers Rd N.
Anthela ocellata (Anthelidae): Eyespot Anthelid Moth. Babers Rd N.
Anthela phaeodesma (Anthelidae): Beige Leaf Moth. Babers Rd N.
Anthene lycaenoides (Lycaenidae): Pale Ciliate-blue Butterfly. Babers Rd N; Deaves Rd.
Anthobosca sp.? (Tiphidae): Black Flower Wasp. Babers Rd N; Deaves Rd.
Anthrenus museorum (Dermestidae): Variegated Carpet Beetle. Babers Rd N; Bellbird Cl.
Anydraula glycerialis (Crambidae): Silver Patterned Moth. Babers Rd N.
Aonidiella aurantii (Diaspididae): White Nipple Scale. Babers Rd N.
*Apanteles subandinus**? (Braconidae): Potatoe Worm Wasp. Babers Rd N.
Aphthona sp.? (Chrysomelidae): Brown Flea Beetle. Babers Rd N.
*Apis mellifera** (Apidae): Honey Bee. Babers Rd N.
Apolinus lividigaster (Coccinellidae): Yellow-shouldered Ladybird. Babers Rd N.
*Aporrectodea caliginosa** (Lumbricidae): Misty Earthworm. Babers Rd N.
Aeolostoma scutiferana (Tortricidae): Lizard-poo Moth. Babers Rd N.
*Aethina tumida** (Nitidulidae): Small Hive Beetle. Babers Rd N.
Aethus parvulus (Cydnidae): Small Spiny Burrowing Bug. Babers Rd N.
Afranthidium repetitum? * (Apidae): Carder Bee. Babers Rd N.
Agamana conjungens (Noctuidae): Triangles Moth. Babers Rd N.
Agarista agricola (Noctuidae): Joseph's Coat Moth. Babers Rd N.
Agasicles hygrophila (Chrysomelidae): Staghorn Beetle. Walls Lane.
Agraptocorixa parvipunctata (Corixidae): Speckled Waterboatman. Cooranbong Park.
Agrianome spinicollis (Cerambycidae): Poinciana Longicorn Beetle. Avondale CHE.
Agrioglypta excelsalis? (Crambidae): Fig Moth. Babers Rd N.
Agrius convolvuli (Sphingidae): Convolvulus Hawk Moth. Walls Lane.
Agrotis infusa (Noctuidae): Bogong Moth. Avondale CHE; Babers Rd N.
Aleeta curvicosta (Cicadidae): Floury Baker Cicada. Babers Rd N.
Acrida conica (Acrididae): Giant Green Slantface Grasshopper.
Aporrectodea trapezoides (Lumbricidae): Southern Earthworm. Freemans Dr S.
Aquarius antigone (Gerridae): Large Waterskater. Dora Ck.
Arachnocampa richardsae? (Keroplattidae): Glow Worm. Brown's Falls.
Arachnura higginsii (Araneidae): Scorpion-tailed Spider. Babers Rd N.
Araneus acuminatus (Araneidae): Heart-shaped Garden Spider. Babers Rd N.
Araneus arenaceus (Araneidae): Sandy Orb-weaver Spider. Cooranbong.
Araneus albotriangulus (Araneidae): Yellow Winged Orb-weaver Spider. Babers Rd N.



Argiope keyserlingi

Photo T. Annable

- Araneus dimidiatus* (Araneidae): Half Orb-weaver Spider. Babers Rd N.
Araneus rotundulus (Araneidae): Small Round Orb-weaver. Babers Rd N.
Archimantis sobrina (Mantidae): Large Green Praying Mantis, Avondale CHE.
Arcitalitrus sylvaticus? (Talitridae): Terrestrial Amphipod. Babers Rd N; Bellbird Cl.
Ardozyga chionoprora (Gelechiidae): Striped Gelechiid Moth. Babers Rd N.
Ardozyga hemichlaena (Gelechiidae): Double-patched Gelechiid Moth. Babers Rd N.
Ardozyga sp. (Gelechiidae): Half-striped Gelechiid Moth. Babers Rd N.
Argina astraea (Arctiidae): Tiger Moth. Babers Rd N.
Argiope bullocki (Araneidae): Wavy Pattern Spider. Avondale CHE.
Argiope keyserlingi (Araneidae): St Andrews Cross Spider. Babers Rd N.
Argyrodes rainbowi (Theridiidae): Rainbow's Dewdrop Spider. Babers Rd N.
Aristotelia mesophracta (Gelechiidae): Dark-line White Moth. Babers Rd N.
Arkys sp? (Araneidae): Black-tailed Triangle Spider. Babers Rd N.
Arrenurus sp. (Arrenuridae): Red Watermite: Upper Dora Ck
Artoriopsis expolita (Lycosidae): Common Wolf Spider. Babers Rd N; Norah Head.
Artoriopsis sp. (Lycosidae): Black Diamond Wolf Spider. Babers Rd N.
Aspidiobates geometricus (Hygrobatidae): Yellow Y Watermite. Redbank Rd.
Atalophlebia australasica (Leptophlebiidae): Dense-filament Mayfly. Owens Rd.
Atriplectides dubius (Atriplectididae): Dubious Caddisfly. Babers Rd N.
Atyphella lychnus? (Lampyridae): Blue Mountains Firefly. Alton Rd; Brown's Falls.
Augenotus aurantius (Elateridae): Gold-spot Click Beetle. Avondale BW.
Aulacaspis rosae (Diaspididae): White Rose Scale. Babers Rd N.
Austalis copiosa (Syrphidae): Green Hoverfly. Babers Rd N.
Austracantha minax (Araneidae): Christmas Jewel Spider. Babers Rd N; Watagan Pk Est.
Austracris guttulosa (Acrididae): Spur-throated Locust. Babers Rd N.
Australochiltonia australis (Chiltoniidae): Aquatic Amphipod. Dora Ck.
Australomisidia cruentata (Thomisidae): Blood-stained Flower Spider. Mandalong.
Australonereis ehlersi (Nereididae): Bristleworm. Dora Ck Estuary.
Austroaeschna obscura (Telephlebiidae): Sydney Mountain Darner Dragonfly. ?

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- Austroaeschna sigma* (Telephlebiidae): Sigma Darner Dragonfly. Cooranbong.
Austrogomphus ochraceus (Gomphidae): Jade Hunter Dragonfly. Babers Rd N.
Austrochloritis sydneyensis (Camaenidae): Sydney Bristle Snail. Dora Creek Delta; Watagan Forest.
Austrocordulia refracta (Austrocorduliidae): Eastern Hawk Dragonfly. Cooranbong.
Austroicetes vulgaris (Curculionidae): Green & Brown Grasshopper. Scribbly Gum Reserve.
Austrorhytida capillacea (Rhytididae): Common Southern Carnivorous Snail. Freemans Dr S;
Austrolestes leda (Dolichopodidae): Wandering Ringtailed Damselfly. Watagan Pk Est; Brisbane Botanical Gardens.
Austropeplea tomentosa (Lymnaeidae): Velvet Pond-snail. Babers Rd N.
Austrophlebia costalis (Tettigoniidae): Southern Giant Darner. Cooranbong.
Austrophlugis malidupa (Acrididae): Diurnal Predatory Katydid. Cooranbong Pk.
Austroplatypus incompertus (Lestidae): Horizontal Borer. Watagan Forest Rd. Martinsville; Watagan Forest.
Austrosciapus connexus (Dolichopodidae): Long Legged Fly. Babers Rd N.
Backobourkia brouni (Araneidae): Broun's Outback Spider. Babers Rd N.
Bactrocera tryoni (Tephritidae): Queensland Fruitfly. Babers Rd N.
Badumna insignis (Desidae): Black House Spider. Avondale CHE; Cooranbong; Babers Rd N.
Baioglossa anisopasta? (Oecophoridae): Speckled Pasta Moth. Babers Rd N.
Baetis sp. 1. (Baetidae): Green Mayfly. Babers Rd N.
Baetis sp. 2. (Baetidae): Brown Mayfly. Babers Rd N.
Balta bicolor (Ectobiidae): Bicoloured Balta Cockroach. Babers Rd N.
Balta mundicola? (Ectobiidae): Elegant Balta Cockroach. Babers Rd N.
Balta personata (Ectobiidae): Personal Balta Cockroach. Babers Rd N.
Balta ventralis? (Ectobiidae): Plain Golden Balta Cockroach. Babers Rd N.
Barrethydrus tibialis (Dytiscidae): Shins Water Beetle. Watagan Forest.
Belenois java (Pieridae): Caper White Butterfly. Babers Rd N.
Bemisia tabaci (Aleyrodidae): White Fly. Babers Rd N.
Beregama cordata (Sparassidae): Ropey Huntsman Spider. Avondale Cemetery.
Berosus involutus? (Hydrophilidae): Patchy Berosus Water Beetle. Barrington River; Watagan Forest creeks.
*Bipalium kewense** (Bipaliidae): Hammerhead Flatworm. Avondale CHE; Babers Rd N.
Birrima castanea (Cicadidae): Red Treeticker. Babers Rd N.
Bispira manicata? (Sabellidae): Red-spotted Fanworm. Lower Stockton Creek.
Boeckella fluvialis? (Centropagidae): River Copepod. Hunter Valley. ?
Boeckella minuta (Centropagidae): Tiny Copepod. Cooranbong Pk.
Boomerangia dimidiata (Thomisidae): Small Flower Spider. Babers Rd N.
Brachyrhynchus australis (Aradidae): Black-headed Flat Bug. Dora Ck delta.
Branchiura sowerbyi? (Tubificidae): Tubificid Worm. Babers Rd N.

Brunia replana (Arctiidae): Orange Spots & Stripes Moth. Babers Rd N.

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Brunotartessus fulvus (Cicadellidae): Green Leafhopper. Babers Rd N.

Bucolellus punctipennis (Coccinellidae): Glossy Black Ladybird. Babers Rd N.

Bucolus caesariatus (Coccinellidae): Hairy Black Ladybird. Babers Rd N.

Bucolus cirrhosis (Coccinellidae): Hairy Black & Orange Ladybird. Babers Rd N.

Bucolus fourneti (Coccinellidae): Glossy Iridescent Ladybird. Babers Rd N.

Caedicia simplex (Tettigoniidae): Common Garden Katydid. Babers Rd N.

Caenoplana coerulea (Geoplanidae): White-striped Black Flatworm. Babers Rd N.

Caenoplana sanguinea? (Geoplanidae): Brown Striped Flatworm. Babers Rd N.

Caenoplana sp. (Geoplanidae): Blue Planarian. Babers Rd N.

Calliphora vomitoria (Dolichopodidae): Bluebottle Fly. Babers Rd N.

Calolampra irrorata? (Blaberidae): Bush Cockroach. Babers Rd N.

Campanotus aeneopilosus (Formicidae): Hairy Field Ant. Sauls Rd.

Camponotus consobrinus (Formicidae): Sugar Ant. Scribbly Gum Reserve?

Camponotus humilior (Formicidae): Brown Field Ant. Dora Ck delta.

Camponotus mackayensis (Formicidae): Mackay's Black Ant. Wharf St.

Camponotus nigriceps (Formicidae): Black-headed Sugar Ant. Morisset IA.

*Cantareus aspersa** (Helicidae): Garden snail. Avondale CHE; Babers Rd; Alton Rd.

Caridea sp. (Atyidae): Amphipod. Morisset Golf Course.

Castiarina scalaris (Buprestidae): Black and Orange Jewel Beetle. Freemans Waterhole; Old Mandalong Rd.

Catochrysops panormus (Lycaenidae): Pale Pea-blue Butterfly. Babers Rd N.

Catomerus polymerus (Catophragmidae): Surf Barnacle. Dora Ck Estuary.

Catopyrops florinda (Lycaenidae): Speckled Line-blue Butterfly. Babers Rd N.

Celaenia excavata (Araneidae): Bird-dropping Spider. Avondale CHE.

Cephonodes hylas (Sphingidae): Coffee-bee Hawkmoth. Martinsville; Watagan Forest.

Cercophonius squama (Bothriuridae): Scaly Scorpion. Martinsville.

Ceriodaphnia dubia? (Daphniidae): Dubious Daphniid. Sandy Creek.

Ceroplastes sinensis (Coccidae): Hard Wax Scale. Babers Rd N.

Cetratus rubropunctatus (Thomisidae): Red-spotted Slender Crab Spider. Avondale CHE.

Chaetolopha sp. (Geometridae): Triangles Moth. Babers Rd N.

Chauliognathus lugubris (Cantharidae): Plague Soldier Beetle. Avondale CHE; Babers Rd N.

Cheiracanthium gracile (Clubionidae): Slender Sac Spider. Babers Rd N.

Cheiracanthium mordax (Clubionidae): Biting Sac Spider. Babers Rd N.

Cherax destructor (Parastacidae): Yabbie. Boarding House Dam.

Cheumatopsyche sp? (Hydropsychidae): Grey Caddis-fly. Babers Rd N.

Chiriphe dichotoma (Arctiidae): Reticulated Footman Moth. Babers Rd N.

Chiriphe equidistans (Arctidae): Yellow-striped Mot. Babers Rd N.

Chiriphe tetramita (Arctidae): Black-spotted Yellow Moth. Babers Rd N.

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Chondropyga dorsalis (Scarabaeidae): Cowboy Beetle. Babers Rd N.

Chloroclystis approximata (Geometridae): Speckled Mid-brown Moth. Babers Rd N.

Choreutis ophiosema (Choreutidae): Golden Metalmark Moth. Babers Rd N.

Chloroclystis approximata (Geometridae): Speckled Mid-brown Moth. Babers Rd N.

Choreutis ophiosema (Choreutidae): Golden Metalmark Moth. Babers Rd N.

Chloroclystis approximata (Geometridae): Speckled Mid-brown Moth. Babers Rd N.

Choreutis ophiosema (Choreutidae): Golden Metalmark Moth. Babers Rd N.

Chortoicetes terminifera (Acrididae): Australian Plague Locust. Babers Rd N.

Chostonectes sharpi (Dytiscidae): Sharp's Water Beetle. Watagan Forest.

Chromatomyia syngenesiae (Agromyzidae): Leaf-miner Fly. Freemans Waterhole.

Chryschloroma megaloptera (Geometridae): Green Leaf Moth. Babers Rd N.

Chrysodeixis argentifera (Noctuidae): Tobacco Looper Moth. Babers Rd N.

Chrysodeixis eriosoma (Noctuidae): Green Looper Moth. Babers Rd N.

Chrysolopus spectabilis (Curculionidae): Botany Bay Weevil. Babers Rd N.

Chrysoperla carnea (Chrysopidae): Green Lacewing. Babers Rd N.

Chtonobdella limbata (Domanibdellidae): Striped Forest Leech. Felled Timber Ck Walk;
Martinsville Rd.

Chironomus sp. (Chironomidae): Midge Bloodworm. Cooranbong Park; Upper Dora Creek.

Cleora displicata (Geometridae): Off-white Speckled Cleora. Babers Rd N.

Clivina australasiae? (Carabidae): Southern Scaritiniid Ground Beetle. Babers Rd N.

Cloeon sp. (Baetidae): Little Green Mayfly. Babers Rd N.

Cloeon tasmaniae (Baetidae): No Stigma Brown Mayfly. Babers Rd N.

Cloeon sp. (Baetidae): Long Stigma Mayfly. Babers Rd N.

Clogmia? sp. (Psychodidae): White Antenna Fringeless Moth-fly. Babers Rd N.

Clubiona modesta (Clubionidae): Modest Striped Spider. Babers Rd N.

Clubiona robusta (Clubionidae): Stout Sac Spider. Babers Rd N.

Clubiona sp. (Clubionidae): Brown Striped Pale Sac Spider. Babers Rd N.

Clynotis albobarbatus (Salticidae): Pale-hair Black Jumping Spider. Babers Rd N.

Clynotis semiferrugineus (Salticidae): Brown and Black Jumping Spider. Babers Rd N.

Clynotis sp. (Salticidae): Black Banded-legs Jumping spider. Babers Rd N.

Coccinella transversalis (Coccinellidae): Transverse Ladybird. Babers Rd N.

Coccus pseudomagnoliarum (Coccidae): Citricola Scale. Babers Rd N.

Coelophora inaequalis (Coccinellidae): Common Australian Lady-beetle. Babers Rd N.

Coequosa australasiae (Sphingidae): Double-headed Moth. Beauty Point Rd E.

Cofana spectra (Cicadellidae): White Leafhopper. Babers Rd N.

Cofana unimaculata (Cicadellidae): One-spot Brown Leafhopper. Babers Rd N.

Coneuplecta calculosa (Euconulidae): Calculus Cone Snail. Avondale CHE.

Comostola laesaria (Gemetridae): Spotted Green Flat-moth. Sauls Rd.

COLOUR PHOTO

Conocephalus upoluensis (Tettigoniidae): Meadow Katydid. Avondale CHE.

Convoluta sp. (Convolutidae): White-shouldered Flatworm. Lower Dora Ck, (see Family comment).

Copocrossa tenuilineata (Salticidae): Stretched Jumping Spider. Babers Rd N.

Coptotermes acinaciformis (Termitidae): Subterranean Termite. Cooranbong.

Coptotermes lacteus (Termitidae): Milky Termite. Old Maitland Rd; Watagan Forest.

Corbicula australis (Cyrenidae): Yellow-brown Freshwater Clam. Freemans Waterhole.

Cormocephalus aurantipes (Scolopendridae): Golden-legs Centipede. Avondale BW; Cooranbong Pk.

Cormocephalus brachycerus (Scolopendridae): Blue-antennae Centipede. Coorumbung St.

Coryphistes ruricola (Acrididae): Bark-mimicking Grasshopper. Pioneer Cemetery.

Coscinoptycha improbana (Carposinidae): Guava Moth. Sauls Rd.

Cosmodes elegans (Noctuidae): Green Blotched Moth. Babers Rd N.

Crematogaster laeviceps (Formicidae): Glossy-black Valentine Ant. Babers Rd N.

Creontiades dilutus (Miridae): Green Mirid Bug. Babers Rd N.

Creophilus erythrocephalus (Staphylinidae): Three-spot Rove Beetle. Avondale CHE.

Crocantes chordotona (Lecithoceridae): Three-striped Lecithoceriid Moth. Babers Rd N.

Crocantes micradelpha (Lecithoceridae): Half-brown Lecithocerid Moth. Babers Rd N.

Crocothemis nigrifrons (Libellulidae): Black-headed Skimmer Dragonfly. Dora Ck delta; Watagan Pk Est.

Crustulina bicrucata? (Theridiidae): Double-cross Comb-footed Spider. Freemans Waterhole; Martinsville.

Crypsicharis enthetica? (Oecophoridae): Pale Brown-cross Moth. Babers Rd N.

Cryptachaea gigantipes (Theridiidae): White House Spider. Babers Rd N.

Cryptophasa flavolineata (Oecophoridae): Striped Golden Moth. Babers Rd N.

Cryptopone rotundiceps (Formicidae): Round-headed Brown Ant. Babers Rd N; Martinsville.

Cryptoptila immersana (Tortricidae): Four-eyed Moth. Cooranbong Pk.

Ctenolepisma longicauda (Lepismatidae): Silverfish. Avondale CHE; Babers Rd N.

Cuculus optatus (Cuculidae): Oriental Cuckoo. Avondale CHE.

Cuculus saturatus (Cuculidae): Himalayan Cuckoo. Matthews Valley Rd.

Culex quinquefasciatus (Culicidae): Brown House Mosquito. Babers Rd N.

Culicoides subimmaculatus? (Ceratopogonidae): Sand Fly. Avondale BW; GW.

Cybister tripunctata (Dytiscidae): Water Beetle. Babers Rd N.

Cyclochila australasiae (Cicadidae): Greengrocer Cicada. Avondale CHE.

Cycloctenus sp. (Cycloctenidae): Curly-haired Scuttling Spider. Redbank Rd.

Cyclosa trilobata (Araneidae): Three-lobed Cyclosa Spider. Avondale Education.

Cymbacha ocellata (Thomisidae): Common Cymbacha Spider. Babers Rd N.

Cymodetta gambosa (Sphaeromatidae): Gambosa isopod. Jigadee Ck Estuary.

Cymodoce sp.? (Sphaeromatidae): Cymodoce Isopod (undescribed). Dora Ck Estuary.



Deinopis subrufa
Photo M. Ashton

Cyrtobagous salviniae (Curculionidae): Salvinia Weevil. Watagan Pk Est.

Cyrtophora hirta (Araneidae): Woolly Tent-web Spider. Mandalong.

Cyrtaea plumbeiventris (Salticidae): Russet-lined Jumping Spider. Babers Rd N.

Cyrtaea sp.? (Salticidae): Yellow Jumping Spider. Babers Rd N.

Danaus plexippus (Nymphalidae): Monarch Butterfly. Glendale.

Daphnia carinata (Daphniidae): Keeled Waterflea. Avondale CHE.

Daphnia cephalata (Daphniidae): Big-headed Waterflea. Cooranbong Pk; Morisset IA.

Daphnia longicephala (Daphniidae): Long-headed Waterflea. Morisset IA.

Dasybasis spp. (Tabanidae): Horseflies (many species). Babers Rd N.

Dasypodia selenophora (Noctuidae): Southern Old-lady Moth. Babers Rd N.

Decoriopea lirata (Charopidae): Beautiful Pinwheel Snail. Macquarie St.

Deinopis subrufa (Deinopidae): Rufus Net-casting Spider. Babers Rd N;

Delena cancerides (Sparassidae): Social Huntsman Spider. Avondale CHE; Babers Rd N; Martinsville.

*Delia platura** (Anthomyiidae): Onion Maggot Fly. Babers Rd N.

Delias aganippe (Pieridae): Red-spotted Jezebell. Babers Rd N.

Delias nigrina (Pieridae): Common Jezebell. Avondale CHE; Babers Rd N.

Deltophora peltosema? (Gelechiidae): Brown-marbled Gelechiid Moth. Babers Rd N.

*Deroceras panormitanum** (Agriolimacidae): Brown Field Slug. Babers Rd N; Bellbird Cl; Redbank Rd.

*Deroceras reticulatum** (Agriolimacidae): Grey Field Slug. Babers Rd N.

Desidarion rubricus (Helicarionidae): Scarlet-slime Semi-slug. Babers Rd N.

Diamma bicolor (Tiphiidae): Red and Black Flower Wasp. Babers Rd N.

Dichomeris acuminatus (Gelechiidae): Silver-white Gellechiid. Babers Rd N.

Dichomeris capnites (Gelechiidae): Speckled Silver-grey Gellechiid. Babers Rd N.

Dichromodes ainaria (Geometridae): Two-colour Ainaria Moth. Babers Rd N.

Dictyochrysa peterseni (Chrysopidae): Small Brown Lacewing. Babers Rd N.

Didymogaster sylvaticus (Megascolecidae): Blue Squirter Earthworm. Babers Rd N; Comenarra Pkwy, Wahroonga.

Dieuches notatus (Rhyparochromidae): Six-white-spot Bug North Turrumurra.

Digaster longmani? (Megascolecidae): Longman's Giant Earthworm. Watagan Forest Rd; Rumbalara Res.

Dilophus tarsus (Bibionidae): Bog-eyed Iridescent Fly. Babers Rd N.

Diomus ementior (Coccinellidae): Two-yellow-spots Ladybird. Babers Rd N.

Diomus notescens (Coccinellidae): Comma-spotted Ladybird. Babers Rd N.



Dolophones conifera
Photo G.

Diplonychus eques
(Belostomatidae): Gold-spot
Water Bug. Babers Rd N.

Diopatra aciculata (Onuphidae): Bait Worm. Dora Ck Estuary.
Diphucephala spreta (Scarabaeidae): Metallic Golden-green Beetle. Babers Rd N
Diphucrania leucosticta (Buprestidae): White-spotted Jewel Beetle. Mandalong.
Dirioxa pornia (Tephritidae): Island Fruitfly. Babers Rd N.
Dirofilaria immitis (Onchocercidae): Heartworm. Avondale CHE; Cooranbong; Martinsville.
Dolichoderus scabridus (Formicidae): Rough Black-headed Ant. Crooks Rd; Mandalong.
Dolichocheila asymmetrica (Tipulidae): Asymmetrical Crane fly. Watagan National Park.
Dolichocheila dorrigenensis (Tipulidae): Dorrigo Crane fly. Martinsville NW.
Dolichocheila niveitarsis (Tipulidae): White-footed Crane fly. Martinsville.
Dolichocheila tylye (Tipulidae): Winter Crane fly. Watagan National Park.
Dolichocheila zenta (Tipulidae): Crescent Crane fly. Watagan National Park.
Dolophones conifera (Araneidae): Turtle-back Spider. Babers Rd N.
Dolophones turrigera (Araneidae): Turret-backed Spider. Babers Rd N.
Drosophila flavohirta (Drosophilidae): Wasp Vinegar-fly. Babers Rd N; Bellbird Cl.
*Drosophila melanogaster** (Drosophilidae): Common Vinegar-fly. Avondale CHE; Babers Rd N; Bellbird Cl.
Drosophila sp. (Drosophilidae): Native Vinegar-fly. Babers Rd N.
Drymaplaneta communis (Blattidae): Shining Cockroach. Avondale CHE; Babers Rd N; Bellbird Cl.
Dugesia sp. (Dugesidae): Translucent Planarian. Avondale CHE.
Ebbepterote expansa (Eupterotidae): Zig-zag Bag-moth. Babers Rd N.
Ectoneura minima (Ectobiidae): Brown-striped Cockroach. Babers Rd N.
Ectoneura pallidula (Ectobiidae): Tiny Pale Brown Cockroach. Babers Rd N.
Ectropis bispinaria (Geometridae): Bark Looper Moth. Babers Rd N.
Eilema plana (Arctiidae): White Lichen Moth. Babers Rd N.
Elhamma australasiae (Hepialidae): Southern Ghost Moth. Babers Rd N.
Ellipsidion austral (Ectobiidae): Austral Ellipsidion. Babers Rd N.
Ellipsidion humerale (Ectobiidae): Variable Bush Cockroach. Babers Rd N.
Elysia sp. 1. (Plakobranhidae): Orange-spotted Sea Slug. Lower Stockton Creek.
Elysia sp. 2. (Plakobranhidae): White and Orange-spotted Sea Slug. Lower Stockton Creek.
Endotaria yelta (Phalangopsidae): Spider Cricket. Avondale CHE; Babers Rd N.
Endotricha ignealis (Pyralidae): Flame Snout Moth. Babers Rd N.
Endotricha mesenterialis (Pyralidae): Mesenteric Snout Moth. Babers Rd N.
Endotricha pyrosalis (Pyralidae): Red Ochre Moth. Babers Rd N.
Endoxyla methychroa (Cossidae): Giant Wood Moth. Avondale CHE; Cooranbong.

Enochrus maculiceps (Hydrophilidae): Spotted Water Beetle. Watagan Forest creeks.

COLOUR PHOTO

Ephippitytha tringitiduoguttata (Phalangopsidae): Thirty-two Spotted Katydid. Babers Rd N.

Epicoma argentata (Notodontidae): White Epicoma Moth. Babers Rd N.

Epicoma melanosticta (Notodontidae): Common Epicoma Moth. Babers Rd N.

Epicoma tristis (Notodontidae): Black Epicoma Moth. Babers Rd N.

Epilachna vigintioctopunctata (Coccinellidae): Twentyeight Spot Ladybird. Avondale CHE; Babers Rd N.

Epopsima fasciolatus (Noctuidae): White-stripe and Dots Marbled Moth. Babers Rd N.

Equitius doriae (Triaenonychidae): Doria's Harvestman Spider. Martinsville.

Ercyodes fossus? (Phalacridae): Glossy Black Compost Beetle. Babers Rd N

Eriophora pustulosa (Araneidae): Pustular Garden Orb-weaver Spider. Sauls Rd.

Eriophora sp. (Araneidae): Black-thighed Orb-weaver Spider. Avondale CHE; Babers Rd N

Eriophora transmarina (Araneidae): Garden Orb-weaver Spider. Avondale CHE; Babers Rd N; Bellbird Cl.

Eristalinus punctulatus (Syrphidae): Native Drone Fly. Babers Rd N.

Ethmostigmus rubripes (Scolopendridae): Red-legged Centipede. Alton Rd N; Avondale CHE; Babers Rd N.

Euastacus spinifer (Parastacidae): Sydney Crayfish. Rock Forest Rd.

Euconulus fulvus (Euconulidae): Brown Hive Snail. Dora Ck delta.

Eumargarodes laingi (Margarodidae): Pink Ground Pearl. Mandalong; Sauls Rd.

Euploea core (Nymphalidae): Common Crow Butterfly. Babers Rd N.

Euprosopia megastigma (Platystomatidae): Large Patterned Fly. Brown's Falls.

Euprosopia piperata (Platystomatidae): Pepper Fly. Brown's Falls.

Eurema hecabe (Pieridae): Common Grass-yellow Butterfly. Babers Rd N.

Eurymeloides pulchra (Cicadellidae): Beautiful Leafhopper. Currans Rd.

Euschemon rafflesia (Hesperiidae): Regent Skipper Moth. Babers Rd N; Cooranbong.

Eutane terminalis (Arctiidae): Banded Lichen Moth. Avondale CHE.

Eutinophaea bicristata (Curculionidae): Citrus Leaf-eating Weevil. Babers Rd N.

Exaireta spinigera (Stratiomyidae): Garden Soldier Fly. Babers Rd N.

Exoneura bicolor (Apidae): Allodapine Bee. Babers Rd N.

Extatosoma tiaratum (Phasmatidae): Giant Prickly Stick Insect. Avondale Rd; ACHE.

Fabriogenia consociata (Pompilidae): Large Yellow-antenna Wasp. Avondale Rd.

Ferrisia tasmanicus? (Planorbidae): Freshwater Limpet. Babers Rd N.

Fisera perplexata (Geometridae): Red Tented Hat Moth. Babers Rd N.

Fodina ostorius (Erebidae): Noctuid Moth. Sauls Rd.

Fonticula flava? (Nucleariidae): Volcano Slime Mould. Deaves Rd.

*Forficula auricularia** (Forficulidae): European Earwig. Babers Rd N.

Frankliniella schultzei (Thripidae): Tomato Thrips. Babers Rd N.

Fuligo septica (Physaraceae): Yellow Slime Mould. Bellbird Cl.
Gagatophorus sp. (Curculionidae): Rugose Brown Weevil. Babers Rd N.
Galanga labeculata (Cicadidae): Spotted Wattle Cicada. Avondale CHE.
Galleria mellonella (Pyralidae): Greater Wax Moth. Babers Rd N.
Gastrocopta pediculus (Helicarionidae): Weakly Toothed Pupasnail. Dora Creek Delta.
Gastrocopta strangei (Helicarionidae): Strange's Pupasnail. Dora Creek Delta.
Gauna aegusalis (Pyralidae): Brown-patterned High-tail Moth. Babers Rd N.

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Geckobia sp. (Pterygosomatidae): Red Gecko Mite. Avondale CHE; Babers Rd N.
Geranomyia erasmi (Limoniidae): Mottled Long-palped Crane Fly.
Germanica liliputana (Buprestidae): Tiny Jewel Beetle. Avondale CHE.
Glycaspis baileyi (Psyllidae): Bailey's Lerp. Watagan Forest.
Glyciphana brunnipes (Scarabaeidae): Spotted Chocolate Beetle. Babers Rd N; Turramurra.
Glyphodes microra (Crambidae): Tiny Crambid Moth. Sauls Rd.
Glyptophysa novaehollandica (Planorbidae): Pouched Watersnail. Avondale dam; Babers Rd N.
Gminatus australis (Reduviidae): Southern Assassin Bug. Babers Rd N.
Goboea copiosana (Tortricidae): Golden Arc Moth. Babers Rd N.
Goniaea australasiae (Acrididae): Brown Gumleaf Grasshopper. Avondale CHE.
Goniaea opomaloides (Acrididae): Mimetic Gumleaf Grasshopper. Avondale CHE.
Gordius sp. (Gordiidae): Gordian Worm. Bellbird Cl.
Gramastacus lacus (Parastacidae): Lake Crayfish. Rock Forest Rd; Wyee Rd N.
Gryllotalpa australis (Gryllotalpidae): Australian Mole Cricket. Avondale CHE; Babers Rd N.
Gyraulus scottianus? (Planorbidae): Flat Ramshorn Snail. Avondale CHE.
Gyrinus convexusculus (Gyrinidae): Common Whirligig Beetle. Dora Ck weir.
Habronestes wilkiei? (Zodariidae): White-spotted Black Spider. Babers Rd N.
Haemaphysalis longicornis (Ixodidae): Cattle Tick. Martinsville.
Halone sejuncta (Arctiidae): Eyed Banded Moth. Babers Rd N.
Harmonia conformis (Coccinellidae): Common Spotted Ladybird. Yambo St.
Harmonia testudinaria (Coccinellidae): Tortoiseshell Ladybird. Babers Rd N.
Hedleyoconcha delta (Charopidae): Conical Landsnail. Martinsville.
Helicarion leopardina (Helicarionidae): Leopard Landsnail. Watagan Forest Rd.
Helicarion mastersi (Helicarionidae): Master's Landsnail. Martinsville.
Helicorbis australiensis (Planorbidae): Overlapping Native Ramshorn Snail. Martinsville; Runway Ck.
Helicoverpa armigera (Noctuidae): Corn Earworm. Freemans Dr; Mandalong.
Heliocosma argyroleuca (Tortricidae): Silvery-white Heliocosma Moth. Babers Rd N.
Helobdella papillornata (Glossiphoniidae): Frilly Leach. Watagan Pk Est.
Helpis minitabunda (Salticidae): Australian Bronze Jumping Spider. Babers Rd N.
Helpis sp. 1. (Salticidae): Pale-legged Striped Jumping Spider. Babers Rd N.

Helpis sp. 2. (Salticidae): Spotted Pale Jumping Spider. Babers Rd N.
Hemicloea rogenhoferi (Gnaphosidae): Flattened Bark Spider. ?
Hemicordulia australiae (Corduliidae): Australian Emerald Dragonfly. Watagan Pk Est.
Hemicordulia tau (Corduliidae): Tau Emerald Dragonfly. ?
Henicops washpoolensis (Henicopidae): Mini Blue-brown Centipede. Bushrock Rd.
Hermetia illucens (Stratiomyidae): Black Soldier Fly. Babers Rd N.
Herpetogramma licarsisalis (Crambidae): Grass Webworm Moth. Babers Rd N.

COLOUR PHOTO

Hetaerica scenica (Zodariidae): Scenic Ant-eating Spider. Sauls Rd.
Heterocypris vatia? (Cyprididae): Vatia Ostracod. Upper Dora Creek.
Heteromicta pachytera? (Pyrilidae): Tubular Grey Moth. Babers Rd N.
Heteronympha merope (Nymphalidae): Common Brown Butterfly. Morisset.
Heteropoda jugulans (Sparassidae): Brisbane Huntsman Spider. Sauls Rd
Hierodula atricoxis? (Mantidae): Green Garden Mantis, Babers Rd N.
Hippodamia variegata (Coccinellidae): Variegated Ladybird. Babers Rd N.
Hogna crispipes (Lycosidae): Banded-legs Wolf Spider. Mandalong.
Holconia immanis (Sparassidae): Grey Huntsman Spider. Avondale CHE; Alton Rd N.
Holoplatys planissima (Salticidae): Long Flat Jumping Spider. Babers Rd N; French St; Martinsville; Watagan Forest Rd.
Hoplomorpha abalienella (Oecophoridae): Target Moth. Babers Rd N.
Hubrechtella sp. (Hubrechtidae): Pink Ribbon Worm. Lower Stockton Ck.
Hydrachna sp? (Hydrachnidae): Blue-legged Watermite. Redbank Rd.
Hylarcta huebneri (Psychidae): Common Leafy Case-moth. Babers Rd N.
*Hydra oligactis** (Hydridae): Grey-brown Hydra. Upper Dora Ck.
*Hydra viridissima** (Hydridae): Green Hydra. Upper Sandy Ck.
Hydrocanthus australasiae (Noteridae): Southern Burrowing Water-beetle. Gradwells Rd.
Hylaeus asperothorax (Colletidae): Thorax Yellow-faced Bee. Sauls Rd.
Hypena subvittalis (Noctuidae): Banded Hypena Moth. Avondale CHE; Babers Rd N.
Hyperion schroetteri (Carabidae): Black Ground Beetle. Avondale CHE; Babers Rd N.
Hypoblemum albovittatum (Salticidae): White-garland Jumping Spider. Babers Rd N.
Hypocysta euphemia (Nymphalidae): Rock Ringlet Butterfly. Watagan National Pk.
Hyporhamphus australis (Noctuidae): Common Armyworm. Dora Ck Estuary.
Hypsipyla robusta (Pyrilidae): Cedar-tip Moth. Avondale SHW area.
Icerya purchasi (Monophlebidae): Cottony Cushion Scale. Babers Rd N.
Ichneumenoptera chrysophanes (Sesiidae): Eastern Window-winged Moth. Babers Rd N.
Idiodes siculoides (Geometridae): Dry-leaf Geometrid Moth. Babers Rd N.
Idolothrips spectrum (Phlaeothripidae): Giant Thrips. Babers Rd N.
Illeis galbula (Coccinellidae): Fungus-eating Ladybird. Babers Rd N.
Imbophorus aptalis (Pterophoridae): White Plume Moth. Babers Rd N.

All Invertebrates – By Systemstic Name, Family Name, Common Name And Locality

Imma acosma? (Immidae): Grey-mottled Curewing Moth. Babers Rd N.

Imparipecten pictipes? (Chironomidae): Common Non-biting Midge. Babers Rd N.

Iotula microcosmos (Punctidae): Tiny Iotula Snail. Dora Ck Delta; Macquarie St; Mandalong.

Ipo moorei (Cicadellidae): Mottled Grey-brown Leafhopper. Babers Rd N.

Ipoides hackeri (Cicadellidae): Reticulate Yellow/Brown Leafhopper. Babers Rd N.

Iridomyrmex mayri (Formicidae): Pale-footed Black Ant. Babers Rd N.

Iridomyrmex purpureus (Formicidae): Greenslade's Meat Ant. Palmers Rd.



Lehtinelagia evanida Photo
M. Ashton

Iridomyrmex suchieri (Formicidae): Little Suchieri Ant. Yambo Forest Rd.
Iridomyrmex victorianus (Formicidae): Little Black-brown Ant. Walls Lane.
Ischiodon scutellaris (Syrphidae): Common Hoverfl. Babers Rd N.
Ischnura aurora (Coenagrionidae): Australian Damselfly. Sabrina Pl.
Ischnura heterosticta (Coenagrionidae): Common Bluetail Damselfly. Sabrina Pl.
Isidorella newcombi (Planorbidae): Newcomb's Watersnail. Cormorant Rd.
Ismarus tibialis tibialis? (Diapriidae): Parasitic Microwasp. Babers Rd N.
Isocladosoma maculatum (Paradoxosomatidae): Pale-striped Millipede. Redland Rd.
Isomoralla eriscota (Oecophoridae): Banded Oecophorid Moth. Babers Rd N.
Ithone fulva (Ithonidae): Large Grey-brown Moth-lacewing. Babers Rd N.
Ixodes holocyclus (Ixodidae): Australian Paralysis Tick. Cooranbong.
Jappa edmundsi (Leptophlebiidae): Feather-leaf Gills Mayfly. Owens Rd.
Johnrehnia australiae (Ectobiidae): Rehn's Australian Cockroach. Babers Rd N.
Jotus minutus (Salticidae): Black Line Jumping Spider. Babers Rd N.
Junonia villida (Nymphalidae): Meadow Argus Butterfly. Freemans Waterhole.
Labdia deliciosella (Cosmopterigidae): Brown-cream-brown Moth. Babers Rd N.
Laccotrepes tristis (Nepidae): Water Scorpion. Freemans Waterhole.
Laelia obsoleta (Lymantriidae): Yellow-headed White Lichen Moth. Babers Rd N.
Laetesia sp. (Liniphiidae): Pale Money Spider. Watagan Forest Rd.
Laevophiloscia scholastica (Philosciidae): Glossy Slater. Babers Rd N.
Lampona cylindrata (Lamponidae): Cylindrical White-tailed Spider. Mandalong.
Lampona mildura (Lamponidae): Mildura White-tailed Spider. Martinsville.
Lampona murina (Lamponidae): Murine White-tailed Spider. Avondale CHE; Babers Rd N; Bellbird Cl.
Lamprochernes savignyi? (Chernetidae): Pseudoscorpion. Presscott Ave.
Lamprolina impressicollis (Chrysomellidae): Pittosporum Leaf Beetle. Martinsville.
Lampromicra senator (Scutelleridae): Green Jewell-bug. Avondale CHE.
Lantanophaga pusillidactylus (Pterophoridae): Lantana Plume Moth. Babers Rd N.
Larinia phthisica? (Araneidae): Striped Larinia Spider. Cooranbong.
Latrodectus geometricus (Theridiidae): Brown House Spider. Avondale GW.
Latrodectus hasseltii (Theridiidae): Redback Spider. Avondale CHE; Babers Rd N.
Laxta friedmani (Blaberidae): Friedman's Trilobite Cockroach. ?
Laxta granicollis (Blaberidae): Common Trilobite Cockroach. Cooranbong; One-tree Hill.
*Lehmannia nyctelia** (Limacidae): Striped Field Slug. Avondale CHE; Babers Rd.
Lehtinelagia evanida (Thomisidae): Common Crab Spider. Babers Rd N.
Lehtinelagia multopunctata (Thomisidae): Many-spotted Crab Spider. Babers Rd N.
Lehtinelagia prasina (Thomisidae): Green Crab Spider. Babers Rd N; Quakers Hill.
Lenophila danielsi (Platystomatidae): Daniels' Lenophila Fly. Babers Rd N; Freemans Dr N.

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Lepanus australis (Scarabaeidae): Southern Tiny Dung Beetle. Mandalong; Sauls Rd N.
Lepanus bidentatus (Scarabaeidae): Ringed Dung Beetle. Mandalong; Sauls Rd N.
Lepidogryllus comparatus (Gryllidae) Field Cricket. Avondale CHE; Babers Rd N.
Lepidosaphes beckii (Diaspididae): Citrus Scale. Babers Rd N.
Lepidoscia arctiella (Psychidae): Tower Case Moth. Babers Rd N.
Lepinotus reticulatus (Trogidae): Reticulate Psocopteran. Mandalong.
Leptocneria reducta (Lymantriidae): White Cedar Moth. Bellbird Cl.
Leptocoris tagalicus (Rhopalidae): Red-eyed Tagalicus Bug. Babers Rd N.
Leptocroca sanguinolentis (Oecophoridae): Tridentate Brown-striped Moth. Babers Rd N
Leptogaster tillyardi? (Asilidae): Long-clawed Robber-fly. Babers Rd N.
Leptomymex cnemidatus (Formicidae): Black-legged Spider-ant. Cooranbong; Martinsville.
Leptomymex nigriventris (Formicidae): Black Abdomen Ant. Stockdale St.
Leptophion anici? (Ichneumonidae): Orange Ichneumon Wasp. Babers Rd N.
Leptotarsus barringtoniensis (Tipulidae): Barrington Fly. Martinsville.
Leptotarsus clavatus (Tipulidae): Clubbed Crane Fly. Cooranbong.
Leptotarsus pseudotortilis (Tipulidae): Thin-footed Fly. Martinsville.
Leptotes plinius pseudocassius (Lycaenidae): Plumbago Blue Butterfly. Babers Rd N.
Leucauge granulata (Tetragnathidae): Silver Orb Spider. Babers Rd N.
Lissopimpla excelsa (Ichneumonidae): Dusky-winged Ichneumonid. Avondale Science; Bindera.
Lucillia cuprina (Calliphoridae): Sheep Blow-fly. Babers Rd N.
Lucillia sericata (Calliphoridae): Green Blow-fly. Babers Rd N.
Lumbriculus variegatus (Lumbriculidae): Sludge Worm. Babers Rd N.
Lychas marmoreus (Buthidae): Little Marbled Scorpion. Avondale CHE: Babers Rd N.
Lycogala epidendrum (Tubiferaceae): Pink Slime Mould. Avondale CHE.
Lyctus brunneus (Bostrichidae): Brown Powder Post Beetle. Babers Rd N.
Lyctus discedens (Bostrichidae): Small Powderpost Beetle. Mandalong.
Lymnaea peregra (Lymnaeidae): Pond snail. Runway Ck.
*Lymnaea stagnalis** (Lymnaeidae): Large Pond-snail. Babers Rd.
Macrogyrus oblongus (Gyrinidae): Large Whirligig Beetle. Upper Dora Ck.
Macrophallikoropa belli (Charopidae): Bell's Pinwheel Snail): Mandalong.
Maliattha amorphia (Noctuidae): Kay-pattern Moth, Babers Rd N; Sauls Rd.
Mallada basalis (Chrysopidae): Basal Green Lacewing, Babers Rd N.
Mandalotus sp. (Curculionidae): Brown Grain Weevil. Babers Rd N.
Mansonia uniformis (Culicidae): Banded-legs Mosquito. Babers Rd N.
Manota sp? (Mycetophilidae): Black-winged Fungus Fly, Babers Rd N.
Maratus volans? (Salticidae): Eastern Peacock Jumping Spider. Martinsville.
Mastachilus quaestionis (Passalidae): Giant Passalid Beetle. Avondale CHE.
Megachile serricauda (Megachilidae): Large White-banded Bee. Sauls Rd.



Metura elongatus
Photo T. Annable

Micraspis frenata (Coccinellidae): Differential-striped Ladybird. Babers Rd N.
Megalopsalis minimus? (Neopilionidae): Orange-flash Harvestman. Lindfield Ave; Mulbring.
Melangyna viridiceps (Syrphidae): Green-headed Hoverfly. Avondale CHE; Babers Rd N; Bellbird Cl.
*Melanoides tuberculata** (Thiaridae): Malaysian Trumpet Snail. Avondale CHE; Babers Rd.
Melastrota nigrisquamata (Arctiidae): Hourglass Moth. Babers Rd N.
Meridolum grayi (Camaenidae): Cumberland Land Snail. Avondale CHE; Deaves Rd.
Mesoponera australis (Formicidae): Southern Ponerine Black Ant. Babers Rd N.
Methana parva (Blattidae): Spined Methana. Babers Rd N; Mandalong; Morisset.
Metopia argyrocephala (Tachinidae): Silver-headed Flesh-fly. Babers Rd N.
Metura elongatus (Psychidae): Saunders' Casemoth. Babers Rd N.
Miagrammopes bradleyi (Uloboridae): Twig Spider. Babers Rd N; Cooranbong.
Miagrammopes sp. (Uloboridae): Red-backed Twig Spider. Babers Rd N.
Micraspis lineola (Coccinellidae): Linear-striped Ladybird. Babers Rd N.
Microdesmes pubescens (Elateridae): Hairy Click Beetle. Martinsville.
Micromus tasmaniae (Hemerobiidae): Tasmanian Lacewing. Babers Rd N.
Micronecta annae? (Micronectidae): Anna's Waterboatman. ?
Microvelia hirsuta (Velliidae): Hairy Water-strider. Dora Ck.
Microvelia millenium (Velliidae): Millenium Bug. Dora Ck weir.
Mictis profana (Coreidae): Crusader Bug. Babers Rd N.
Milax gagates (Milacidae): Jet Slug. Babers Rd.
Misgolas gracilis (Idiopidae): Slender Misgolas Spider. Babers Rd N.
Misgolas melancholicus (Idiopidae): Dismal Misgolas Spider. Avondale CHE; Morisset.
Mituliodon tarantulinus (Miturgidae): Little Tarantula Spider. Sauls Rd.
Mnesiloba eupitheciata (Geometridae): Banded Carpet Moth. Avondale CHE; Babers Rd N.
Moerarchis australasiella (Tineidae): Harlequin Fungus Moth. Babers Rd; Sauls Rd.
Moina micrura (Moinidae): Small Daphnia. Watagan Pk Est.
Molophilus subannulipes (Tipulidae): Banded-legs Crane-fly. Watagan Forest.
Molybdurga metallophora (Oecophoridae): Metallic Moth. Babers Rd N.
Molycrisa smithae (Prodidomidae): White-tipped Long-spinneret Spider. Mandalong.
Monarcha melanopsis (Monarchidae): Black-faced Monarch. Freemans Waterhole.
Monarcha trivirgatus (Monarchidae): Spectacled Monarch. Avondale Cemetery; Awaba State Forest; Heaton State Forest; Mandalong; Martinsville.
Monolepta australis (Chrysomelidae): Red-shouldered Leaf Beetle. Bellbird Cl.
Monomorium tambourinense (Formicidae): Tambourine Mountain Mono-ant. Mandalong; Sauls Rd.
Monophlebus pilosior (Margarodidae): Large Snow-ball Mealy Bug. Cooranbong Pk.
Monopis crocicapitella (Tineidae): Cream-striped Fungus Moth. Babers Rd N.
Monopis ethelella (Tineidae): Black Monopis Fungus Moth. Babers Rd N.
Monopis icterogastra (Tineidae): Blotched Namuella Moth. Babers Rd N.

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Mopsus mormon (Salticidae): Green Jumping Spider. Morisset.
Morebilus fumosus (Trochanteriidae): Smokey Scorpion Spider. Redbank Rd.
Moritala hasta (Morabidae): Brown Matchstick Grasshopper. ?
Mormoscopa phricozona (Noctuidae): Triple Zig-zag Moth. Cooranbong.
Mucidus alternans (Culicidae): Hexham Grey. Mandalong.
Musca domestica (Muscidae): House Fly. Babers Rd N.
Musca vetustissima (Muscidae): Bush Fly. Babers Rd N.
Musgraveia sulciventris (Tessaratomidae): Bronze Orange Bug. Bellbird Cl.
Myrmarachne luctuosa (Salticidae): Polyrhachis Ant Mimic. Sauls Rd.
Myrmarachne striatipes? (Salticidae): Ant-mimic Spider. Redbank Rd.
Myrmecia brevinoda (Formicidae): Brown Bull Ant. Sauls Rd.
Myrmecia forficata (Formicidae): Bulldog Ant. Martinsville.
Myrmecia fulviculis (Formicidae): Broad-headed Bull Ant. Martinsville; Newport Rd.
Myrmecia nigrocincta (Formicidae): Black-banded Bull Ant. Mandalong; Morisset; Osland Rd; Sauls Rd N.
Myrmecia pilosula (Formicidae): Hairy Bull Ant. Redbank Rd.
Myrmecia pyriformis (Formicidae): Black Bull Ant. Currans Rd.
Myrmecia simillima (Formicidae): Similar Bull Ant. Martinsville.
Myrmecia tarsata (Formicidae): Orange Jawed Bull Ant. Martinsville N.
Myrmeleon acer (Myrmeleontidae): Common Brown Lacewing. Avondale CHE.
Myrmeleon pictifrons (Myrmeleontidae): White Stigma Lacewing. Babers Rd N.
Mysticarion porrectus (Helicarionidae): Golden Semslug. Heaton State Forest; Martinsville.
Mythimna convecta (Noctuidae): Australian Armyworm Moth. Freemans Waterhole; Martinsville.
Nabis kinbergii (Nabidae): Patternless Damsel Bug. Babers Rd N.
Nabis maoricus? (Nabidae): Damsel Bug. Babers Rd N.
Nacaduba biocellata (Lycaenidae): Double-spotted Line-blue. Babers Rd N.
Nala lividipes (Labiduridae): Black Field Earwig. Felled Timber Ck Walk.
Nasutitermes exitiosus (Termitidae): Hardwood Termite. Cooranbong Pk.
Nasutitermes walkeri (Termitidae): Walker's Termite. Avondale CHE.
Naucoris congrex (Naucoridae): Turtle Waterboatman. Avondale CHE.
Naupactus leucoloma (Curculionidae): White-fringed Weevil. Cormorant Rd.
Nauphoeta cinerea (Blaberidae): Speckled Cockroach. Babers Rd N.
Nausinoe puerita (Crambidae): Golden-mottled Moth. Babers Rd N.
Nelima doriae (Sclerosomatidae): Orange-belly Harvestman. ?
*Neohydronomus affinis** (Brachyceridae): Water-lettuce Weevil. Babers Rd N.
Neola semiaurata (Notodontidae): Wattle Moth. Babers Rd N.
Neoseiulus fallacis? (Phytoseiidae): Translucent Brown Soil Mite. Babers Rd N.
Neosparassus diana (Sparassidae): Beautiful Badge Huntsman Spider. Lindfield Ave.

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Neovulturnus hackeri (Cicadellidae): Black-netted Yellow Leafhopper. Babers Rd N.
Nephila edulis (Nephilidae): Australian Golden Orb-weaving Spider. Avondale BW.
Nesticodes rufipes (Theridiidae): Red House Spider. Felled Timber Ck W.
Nisotra breweri (Chrysomellidae): Blue Leaf Beetle. Babers Rd N.
Nitor medioxima (Helicarionidae): Dorriggo Glass-snail. Gap Ck; Martinsville.
Nola pleurosema? (Nolidae): Large-hatted Moth. Babers Rd N.
Noliphus erythrocephalus (Alydidae): Red-headed Bug. Mandalong.
Notarcha aurolinealis (Crambidae): Golden-lined Snout Moth.
Notius depressus (Pentatomidae): Dark Brown Shield Bug. Babers Rd.
Notoncus ectatomoides (Formicidae): Pronged Epaulet Ant. Babers Rd.
Notonomus atrodermis (Carabidae): Sloane Ground Beetle. Babers Rd.
Notonomus truncatus (Carabidae): Stink Ground Beetle. Babers Rd.
Nyctemera baulus (Arctiidae): Magpie Moth. Babers Rd.
Nylanderia braueri glabrior (Formicidae): Brauer's Nylanderia Ant. Mandalong.
Nylanderia rosae (Formicidae): Reddish Nylanderia Ant. Crooks Rd.
Nymphes myrmeleonoides (Nymphidae): Giant Orange Lacewing. Babers Rd N; Rathmines.
Nysius caledoniae (Lygaeidae): Grey Cluster Bug. Babers Rd N.
Nysius clevelandensis (Lygaeidae): Dark Cluster Bug. Babers Rd N.
Nysius vinitor (Lygaeidae): Rutherglen Bug. Babers Rd N.
Nyssus albopunctata (Corrinidae): White-spotted Swift Spider. Sauls Rd
Nyssus coloripes (Corinnidae): Wasp-mimic Swift Spider. Babers Rd N.
Ochetellus glaber (Formicidae): House Ant. Avondale CHE; Babers Rd N; Bellbird Cl.
Ochlerotatus daliensis (Culicidae): Dali's Mosquito. Watagan Pk Est.
Ochlerotatus monocellatus (Culicidae): Finlaya Mosquito. Matthews Valley Rd.
Ocrisiona leucomis (Salticidae): White-striped Ocrisiona Jumping Spider. Babers Rd N.
Ocybadistes walker (Hesperiidae): Green Grass-dart. Babers Rd N.
Oecobius navus (Oecobiidae): Midget Spotted Wall Spider. Babers Rd N.
Oenochroma infantilis (Geometridae): Small Emerald Moth. Babers Rd N.
Oenochroma vetustaria (Geometridae): Ribbed Wine-moth. Babers Rd N; Cooranbong.
Oenochroma vinaria (Geometridae): Grevillea Looper-moth. Babers Rd N; Cooranbong.
Ogmograptis sp.? (Bucculatricidae): Scribbly Gum Moth. Avondale CHE; Martinsville.
Olbonoma triptycha (Oecophoridae): Four-striped Black and Yellow Moth. Cooranbong.
Ommatius coeraebus (Asilidae): Yellow-shinned Robber Fly. Avondale BW.
*Ommatoiulus moreleti** (Julidae): Striped Millipede. Avondale CHE; Babers Rd N.
Omoedus orbiculatus (Salticidae): Round Ant-eater Spider. Plank Hill Rd; Sauls Rd.
Onthophagus arrilla (Scarabaeidae): Arrilla Beetle. Mandalong; Martinsville; Sauls Rd N.
Onthophagus australis? (Scarabaeidae): Southern Dung Beetle. Wyong Hospital.
Onthophagus pugnax (Scarabaeidae): Fierce Beetle. Mandalong; Martinsville.

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- Onthophagus rubicundulus* (Scarabaeidae): Red Dung Beetle. Mandalong; Sauls Rd N.
Onthophagus sydneyensis (Scarabaeidae): Sydney Beetle. Mandalong; Sauls Rd N.
Ophiura tirhaca (Erebidae): Green Drab Moth. Sauls Rd.
Opisthoncus mordax (Salticidae): Biting Jumping Spider. Babers Rd N.
Opisthoncus parcedentatus (Salticidae): Patterned Jumping Spider. Babers Rd N; Turramurra N.
Opisthoncus polyphemus (Salticidae): Spotted Jumping Spider. Babers Rd N.
Opisthoncus sexmaculatus (Salticidae): Six-spotted Jumping Spider. Babers Rd N.
Opisthoncus sp. (Salticidae): Hairy Russet Jumping Spider. Babers Rd N.
Opodiphthera astrophela (Saturniidae):
Orcus australasiae (Coccinellidae): Orange-spotted Ladybird. Crooks Rd; Freemans Dr S.
Ordgarius magnificus (Araneidae): Magnificent Bolas Spider. Babers Rd N.
Orectognathus nigriventris (Formicidae): Black & Brown Straight-jawed Ant. Dora Ck delta; Martinsville; Newport Rd.
Orthetrum caledonicum (Libellulidae): Blue Skimmer Dragonfly. Cooranbong Pk; Watagan Pk Est.
Orthetrum villosivittatum (Libellulidae): Fiery Skimmer Dragonfly. Watagan Pk Est.
Orthobula sp. (Liocranidae): Spiny-legged Sac Spider. Wyee Rd N.
Orthodera ministralis (Mantidae): Garden Mantis. Babers Rd N.
Orthorhinus cylindrirostris (Curculionidae): Elephant Weevil. Babers Rd N.
Oxyopes elegans (Oxyopidae): Elegant Lynx Spider. Babers Rd N.
Pachygrontha robusta (Pachygronthidae): Narrow Brown Assassin Bug. Babers Rd N.
Paederus cruenticollis (Staphylinidae): Whiplash Rove Beetle. Babers Rd N.
Palaemon sp. (Palaemonidae): Estuary Shrimp. Dora Creek Estuary.
Palpita unionalis? (Crambidae): Spotted Palpita Moth. Avondale CHE; Babers Rd N; Martinsville; Yarralumla.
Pamborus viridis (Carabidae): Metallic Green Ground Beetle. Babers Rd N.
Panacula lewiniae? (Eupterotidae): Brown Bag-shelter Moth. Babers Rd N.
Panesthia cribrata (Blaberidae): Log Cockroach. Babers Rd N.
Panulirus ornatus (Palinuridae): Ornate Rock Lobster. Dora Creek Estuary.
Papilio aegeus (Papilionidae): Orchard Swallowtail. Deaves Rd.
Papilio ulysses (Papilionidae): Ulysses Butterfly. Avondale CHE; Babers Rd N; Glendale.
Paragrapsus laevis (Varunidae): Spotted Smooth Shore Crab. Dora Creek Estuary.
Paralaoma caputspinulae (Punctidae): Prickle Pinhead Snail. Dora Ck Delta.
Paralastor punctulatus (Vespidae): Double-waisted Punctate Brown Wasp. Babers Rd N.
Paramecium sp. (Parameciidae): Paramecium. Upper Dora Ck.
Paraoxyphilus sp. (Amorphoscelidae): Rough Brown Mantid. Babers Rd N.
Paraparatrechnia minutula (Formicidae): Tiny Yellow Ant. Babers Rd N.
Parasaissetia nigra (Coccidae): Black Scale. Babers Rd N.
Parascutigera sp. (Scutigera): Eastern Forest Scutigera. Redbank Rd.

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- Parasesarma erythrodactyla* (Sesarmidae): Red-clawed Marsh Crab. Dora Ck Delta.
Parasteatoda tepidareorum? (Theridiidae): Mottled House Spider. Babers Rd N.
Parasyntemis regina (Synthemistidae): Royal Tigertail Dragonfly. Babers Rd N.
Paratya australiensis (Atyidae): Common Freshwater Shrimp. Pointers Rd; Upper Dora Ck.
Paropsis maculata (Chrysomelidae): Spotted Paropsine Beetle. Avondale CHE; Martinsville.
Parotis marginata (Crambidae): Green Leaf-moth. Babers Rd N.
Pataeta carbo (Noctuidae): Black Owlet Moth. Babers Rd N.
Patmarksia palmarum (Culicidae): Palmate Mosquito. Mandalong.
Peirates punctorius (Reduviidae): Black Assassin Bug. Dora Ck Estuary.
Pentagonica vittipennis (Carabidae): Banded Beetle. Martinsville.
Periclystus circuiter (Myrmeleontidae): Mottled Lacewing. Yambo St.
*Periplaneta americana** (Blattidae): American Cockroach. Avondale CHE; Babers Rd N; Bellbird Cl.
Periplaneta australasiae (Blattidae): Australasian Cockroach. Avondale CHE; Babers Rd N.
Perissopmerus arkana? (Malkaridae): Black Eye-turret Spider. Babers Rd N.
*Pheidole megacephala** (Formicidae): Big-headed Ant. Babers Rd N.
Phenacomorpha sp. (Arctiidae): Striped and Spotted Moth. Babers Rd N.
Pheropsophus verticalis (Carabidae): Bombardier Beetle. Avondale CHE; Bellbird Cl; Old Maitland Rd.
Philagra parva (Aphrophoridae): Mottled Brown Leafhopper. Babers Rd N.
Philobota impletella (Oecophoridae): Cross-striped Oecophorid Moth. Babers Rd N.
*Philoponella variabilis** (Urobolidae): Speckled Twig Spider. Babers Rd N.
Philoscaphus tuberculatus (Carabidae): Tubercular Beetle. Yambo St.
Pholcus phalangioides (Pholcidae): Daddy Long-legs Spider. Avondale CHE; Babers Rd N; Bellbird Cl.
Phonognatha graeffei (Araneidae): Graeff's Leaf-curling Spider. Avondale CHE; Bellbird Cl; Cooranbong Pk.
Phoracantha semipunctata (Cerambycidae): Common Eucalypt Longicorn Beetle. Babers Rd N.
Phycomorpha prasinochroa (Copromorphidae): Mottled Lichen Moth. Babers Rd N.
Phyllocladosoma broelemanni (Paradoxosomatidae): Corrugated Millipede. Babers Rd N.
Phyllocnistis citrella (Gracillariidae): Citrus Leaf-miner. Babers Rd N.
Phyllocnistis sp. (Gracillariidae): White Leaf-miner Moth. Babers Rd N.
Phyllotocus macleayi (Scarabaeidae): Two-tone Nectar Scarab Beetle. Freemans Waterhole.
Physa acuta (Physidae): Mottled Short-spined Watersnail. Babers Rd N; Avondale CHE.
Pieris rapae (Pieridae): Cabbage White Butterfly. Babers Rd N.
Plagiolepis squamulosa? (Formicidae): Smooth Black Ant. Babers Rd; Wharf St.
Platybrachys decemmaculatus (Eurybrachidae): Ten-spot Leafhopper. Babers Rd N.
Platyzoasteria incurva (Blattidae): Incurved Cockroach. Avondale CHE.

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Platyzosteria melanaria (Blattidae): Yellow-tail Litter Runner Cockroach. Babers Rd N.
Plautia affinis (Pentatomidae): Green Stink Bug. Babers Rd N.
Plebs bradleyi (Araneidae): Bradley's Grass Orb-weaver Spider. Bellbird Cl.
Plebs cyphoxis (Araneidae): Western Grass Orb-weaver Spider. Babers Rd N.
Plebs eburnus (Araneidae): Eastern Grass Orb-weaver Spider. Babers Rd N.
Plecia ornaticornis? (Pleciidae): Black and Orange Lovebug. Babers Rd N.
Plesiochrysa ramburi (Chrysopidae): Green Lacewing. Babers Rd N.
Plodia interpunctella (Pyralidae): Pantry Moth. Babers Rd N.
*Plutella xylostella** (Plutellidae): Diamond-back Moth. Babers Rd N.
Poecilometis parilis (Pentatomidae): Two-spotted Gum Tree Shield Bug. Coorumbung St.
Pogonosternum nigrovirgatum (Paradoxostomatidae): White-striped Millipede. Avondale CHE.
Polistes humilis (Vespidae): Brown Paper Wasp. Avondale CHE; Babers Rd N; Bellbird Cl.
Pollenia rudis? (Calliphoridae): Cluster Fly.?
Polycentrocoris turneri (Reduviidae): Turner's Assassin Bug. Babers Rd.
Polypoxynx polydectis (Crambidae): Mottled Grass Moth. Babers Rd N.
Polyrhachis ammon (Formicidae): Golden Bum Ant. Avondale CHE; Redbank Rd.
Polyrhachis femorata (Formicidae): Scalloped Petiole Ant. Babers Rd N.
Polyrhachis maculata (Formicidae): Yellow Patch Ant. Avondale CHE.
Pomatoceros sp. (Serpulidae): Rib-shelled Tubeworm. Lower Stockton Ck.
Pommerhelix duralensis (Camaenidae): Purple Patch Snail. Deaves Rd; Scribbly Gum Reserve.
Pompilinae (Pompilidae): Orange-legged Black & White Wasp. Babers Rd N
Ponera leae (Formicidae): Lea's Ant. Martinsville; Watagan Forest Rd.
Poneridia semipullata (Chrysomelidae): Figleaf Beetle. Babers Rd N.
*Porcellio laevis** (Porcellionidae): Smooth Slater. Avondale CHE; Babers Rd N.
Porcellio scaber (Porcellionidae): Rough Slater. Babers Rd N.
*Porcellionides pruinosus** (Porcellionidae): Garden Slater. Babers Rd N.
Porela albifrons (Lasiocampidae): Fasciated Porela Moth. Babers Rd N.
Porrostoma rhipidium(Lycidae): Fan Beetle. Avondale CHE; Babers Rd N.
Posticobia brazier (Hydrobiidae): Pinhead Spot Snail. Deaves Rd; Scribbly Gum Reserve.
Prepocosma schalidota (Oecophoridae): Three-striped Schalidota Moth. Babers Rd N
*Prietocella barbara** (Hygromiidae): Mediterranean Cone Snail. Deaves Rd.
Prionopelta robynmae (Formicidae): Robyn Mae Tiny Ant. Babers Rd N.
Pristhesancus plagipennis (Reduviidae): Common Assassin Bug. Babers Rd N.
Prostheclina pallida (Salticidae): Pale Prostheclina Jumping Spider. Martinsville.
Protaetia fusca (Scarabeidae): Mottled Flower Scarab. Babers Rd N.
Proteuxoa bistrigula (Noctuidae): Two White Spot Owlet Moth. Babers Rd N.
Psaltoda claripennis (Cicadidae): Clanger Cicada. Avondale CHE.
Psaltoda moerens (Cicadidae): Red-eyed Cicada. Avondale CHE.

Psaltoda plaga (Cicadidae): Black Prince Cicada. Avondale CHE.

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Pseudagrion microcephalum (Coenagrionidae): Blue River Damse. Babers Rd N; Watagan Forest.
Pseudiotula euryisiana (Charopidae): Timor Caves Pinhead Snail. Dora Ck delta.
Pseudococcus longispinus (Pseudococcidae): Mealybug. Babers Rd N.
Pseudomantis albofimbriatus (Mantidae): False Garden Mantid. Martinsville Rd SE.
Pseudolychus sp. (Oedemeridae): Lycid Mimic Pollen Beetle. Babers Rd N.
Psychoda pseudalternata? (Psychodidae): Dark Hairy Moth-fly. Babers Rd N.
Psychoda ypsylon? (Psychodidae): Black Micromoth-fly. Babers Rd N.
Pterohelaus peltatus? (Tenebrionidae): Blue-black Pie-dish Beetle. Avondale Science.
Pulvinariella mesembryanthemi (Cicadidae): Cottony Pigface Scale. Babers Rd N; Bellbird Cl.
Pungalina semiferruginea (Salticidae): Half-brown Jumping Spider. Cooranbong.
Pupisoma evada (Pupillidae): Spiny Toothless Pupasnail. Dora Ck delta.
Pupisoma microturbinata (Pupillidae): Turban Toothless Pupasnail. Mandalong.
Pycnobathra clavata (Gelechiidae): Clubbed Two-spot Moth. Babers Rd N; Cooranbong.
Pyralis farinalis (Pyralidae): Meal Moth. Babers Rd N.
Rampamyia notoscriptus (Culicidae): Common Backyard Mosquito. Babers Rd N.
Ranatra dispar (Nepidae): Needle Bug. Freemans Waterhole.
Rebilus brooklana (Trochanteriidae): Orange Ochre & Grey Spider. Babers Rd N.
Repsimus manicatus (Scarabaeidae): Black Christmas Beetle. Babers Rd N.
Rhadinosticta simplex (Isostictidae): Black and White Damsel Fly. Babers Rd N.
Rhantus suturalis (Dytiscidae): Brown Thorax Water Beetle. Babers Rd N; Moonbi.
Rhinotia haemoptera (Bellidae): Red Weevil. Babers Rd N.
Rhombonotus gracilis (Salticidae): Graceful Ant-mimic Spider. Babers Rd N.
Rhopaea magnicornis (Scarabaeidae): Black-headed Brown Cockchafer. Babers Rd N.
Rhyothemis graphiptera (Libellulidae): Graphic Flutterer. Wainman Rd; Watagan Pk Est.
Rhytidoponera aciculata (Formicidae): Glossy-black Ridged Ant. Babers Rd.
Rhytidoponera aspera (Formicidae): Rough-backed Ant. Sauls Rd.
Rhytidoponera chalybaea (Formicidae): Steely Ant. Martinsville Hill Rd; Plank Hill Rd; Sauls Rd N.
Rhytidoponera metallica (Formicidae): Green-head Ant. Avondale CHE; Babers Rd; Bellbird Cl; Cooranbong Pk.
Riptortus serripes (Alydidae): Brown Bean Bug. Cooranbong.
Romblonella heatwolei (Formicidae): Heatwole's Rugose Orange-brown Ant. Babers Rd N.
Runcinia acuminata (Thomisidae): Pointy Crab Spider. Mandalong.
Ryssonotus nebulosus (Lucanidae): Brown Stag Beetle. Sauls Rd.
Saitis virgatus (Salticidae): Striped Saitis Jumping Spider. Sauls Rd.
Salomona sp. (Tettigoniidae): Large Brownish Katydid (sp. nov.). Babers Rd N.
Salona panorpaepennis (Tropiduchidae): Speckled Leafhopper. Babers Rd N.
Sandalodes bipenicillatus (Salticidae): Eyebrowed Sandalodes Jumping Spider. Babers Rd N.

Sandalodes scopifer (Salticidae): Two-spotted Sandalodes Jumping Spider. Babers Rd N.

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Sarcophaga arachnivora? (Sarcophagidae): Flesh Fly. ?

Sarticus coradgeri (Carabidae): Wood Beetle. Yambo St.

Scapholeberis kingi (Daphniidae): King's Waterflea. Babers Rd N.

Scaptia sp. (Tabanidae): March Fly. Babers Rd N.

Sceliphron caementarium (Sphecidae): Barrel-cell Mud Wasp. Babers Rd N.

Sceliphron formosum (Sphecidae): Vase-cell Mud Wasp. Babers Rd N.

Sceliphron laetum (Sphecidae): Rough-cell Mud Wasp. Babers Rd N.

Schedorhinotermes intermedius (Termitidae): Intermediate Termite. Cooranbong CSC.

Sciara sp. (Sciaridae): Fungus Gnat. Babers Rd N.

Scolypopa australis (Ricanidae): Passionvine Hopper. Babers Rd N.

Scopaeus sp. (Staphylinidae): Beetle. Sauls Rd N.

Scopula perlata (Geometridae): Cream Wave Moth. Babers Rd N.

Scrobiger sp. (Cleridae): Saw-edged Clerid Beetle. Cooranbong Pk.

Scutigera coleoptrata (Scutigerridae): House Centipede. Cooranbong.

Scutiphora pedicellata (Scutelleridae): Metallic Shield Bug. Avondale GW; Brisbane Botanic Gardens.

Scylla serrata (Portunidae): Giant Mud Crab. Dora Ck Estuary.

Sepedonophilus antipodus (Chilenophilidae): Earth Centipede. Babers Rd N; Mandalong.

Serangium nitidum (Coccinellidae): Glossy Black Ladybird. Babers Rd N.

Sericesthis geminata (Scarabaeidae): Black-headed Chafer-beetle. Babers Rd N.

Serrodes campana (Erebidae): Fruit-piercing Moth. Sauls Rd.

Servaea sp. (Salticidae): Black-tailed Servaea Jumping Spider. Babers Rd N.

Sheaia glenrockensis (Helicarionidae): Hunter Valley Glass Snail. Awaba S.F.; Deaves Rd; Gap Ck; Heaton S.F.; Mandalong; Martinsville; Watagan S.F.

Sidymella hirsuta (Thomisidae): Hairy Crab Spider. Babers Rd N.

Sidymella longipes (Thomisidae): Long-legged Crab Spider. Babers Rd N.

Sidymella trapezia (Thomisidae): Trapezoid Crab Spider. Babers Rd N.

Sigara tadeuszi (Corixidae): Waterboatman. Gradwells Rd.

Simocephalus vetulus (Daphniidae): Creeping Waterflea. Dora Ck Estuary ponds.

Simosyrphus grandicornis (Syrphidae): Pale-spotted Hoverfly. Babers Rd N.

Simplisetia aequisetis (Nereididae): Squirt Worm. Avondale CHE; Dora Ck.

Simplisetia turveyi? Or *S. amphidonta*? (Nereididae): Polychaete Worm. Avondale CHE.

Siphanta acuta (Flatidae): Torpedo Bug. Babers Rd N.

Siphanta hebes (Flatidae): Common Green Planthopper. Babers Rd N.

Somethus sp. 1. (Paradoxosomatidae): Striped Somethus Millipede. Avondale Swing Bridge.

Somethus sp. 2. (Paradoxosomatidae): Banded Somethus Millipede. Watagan Pk Est.

Sondra aurea (Salticidae): Golden Sondra Jumping Spider. Babers Rd N; Martinsville.

Spathula sp? 1. (Dugesiiidae): Black Aquatic Flatworm. Watagan Pk Est.

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Spathula sp? 2. (Dugesiiidae): Grey Aquatic Flatworm. Watagan Pk Est.

Spathula sp? 3. (Dugesiiidae): Speckled Brown Aquatic Flatworm. Upper Dora Ck

Spathulina acroleuca (Tephritidae): White-pointer Fly. Martinsville.

Speiredonia spectans (Erebidae): Granny's Cloak Moth. Sauls Rd.

Spermophorella disseminata? (Berothidae): Brown Lacewing. Babers Rd N.

Sphenarches anisodactylus (Pterophoridae): Brown-mottled Plume Moth. Babers Rd N.

Sphinctomyrmex nigricans (Formicidae): Corrugated Black Ant. Martinsville.

Spilosoma canescens (Arctiidae): Dark-spotted Tiger Moth. Martinsville; Sauls Rd.

Spilosoma curvata (Arctiidae): Crimson Tiger Moth. Babers Rd N; Jones Rd; Rock Forest Rd.

Spirobolellus dorsovittatus (Spirobolellidae): Dorsal-striped Millipede. Old Maitland Rd.

Spirometra sp. (Diphylobothriidae): Sparganum Worm. Avondale CHE; Cooranbong; Martinsville.

Spodoptera mauritia (Noctuidae): Armyworm. Avondale CHE; Babers Rd N.

Spoladea recurvalis (Crambidae): Beet Webworm. Babers Rd N.

Spongilla sp. (Spongillidae): Freshwater Sponge. Jigadee.

Stangeia xerodes (Pterophoridae): Xerodes Plume Moth. Sauls Rd.

Stathmopoda crocophanes (Oecophoridae): Hourglass Stathmopoda Moth Babers Rd N.

Steatoda grossa (Theridiidae): Cupboard Spider. Babers Rd; Bellbird Cl; Dora Ck; Jones Rd; Rock Forest Rd.

Stemonitis axifera (Stemonitidaceae): Hairy Slime Mould. Avondale CHE; Greenacres.

Stenolemus bituberus (Reduviidae): Bituberous Assassin Bug. Babers Rd N.

Stenoptilia zophodactylus (Pterophoridae): Narrow-winged Plume Moth. Babers Rd N.

Stephanitis pyrioides (Tingidae): Azalea Lace Bug. Avondale CHE; Babers Rd N.

Stephanopis altifrons (Thomisidae): Knobbly Crab Spider. Babers Rd N.

Stephanopis barbipes (Thomisidae): Bearded-legs Crab Spider. Babers Rd N.

Stephanopis cambridgei (Thomisidae): Cambridge's Crab Spider. Babers Rd N.

Stethopachys formosa (Chrysomelidae): Dendrobium Beetle. Avondale CHE; Babers Rd N.

Stilbum cyanurum (Chrysididae): Cuckoo Wasp. Freemans Dr S.

Stiphidion facetum (Stiphidiidae): Sombrero Spider Babers Rd N.

Storenosoma terraneum (Amaurobiidae): Terrestrial Spider. Babers Rd; Bellbird Cl; Dora Ck; Jones Rd; Rock Forest Rd.

Strongyloides stercoralis (Strongyloididae): Thread-worm. Avondale CHE; Cooranbong.

Suniana sunias (Hesperidae): Orange Dart Butterfly. Martinsville.

Supunna funerea (Corinnidae): Spotted Black Spider. Babers Rd N.

Sylvicola dubius? (Anisopodidae): Wood Gnat. Babers Rd N.

Symphyleona? (Bourletiellidae): Springtail Mandalong.

Symposiachrus trivirgatus (Monarchidae): Spectacled Monarch. Matthews Valley Rd.

Synalus angustus (Thomisidae): Narrow Crab Spider. Freemans Waterhole.

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Syndesus cornutus (Lucanidae): Lucanid Decay Borer Beetle. Avondale CHE.
Synemon collecta (Castniidae): Patterned Collector Moth. Babers Rd N.
Syneora hemeropa (Geometridae): Clouded Brown Looper Moth. Sauls Rd.
Tabanus australicus? (Tabanidae): Striped Horsefly. Avondale CHE; Babers Rd N.
Talaurinus foveatus (Curculionidae): Broad-nosed Ground Weevil. Freemans Waterhole.
Tamopsis brisbanensis (Hersiliidae): Brisbane's Two-tailed Spider. Babers Rd N.
Tamopsis novaehollandiae (Hersiliidae): Two-tailed Spider. Babers Rd N.
Tarsostenus carus (Cleridae): Metallic-blue Clerid Bug. Mandalong.
Tasmanicosa godeffroyi (Lycosidae): Garden Wolf Spider. Cooranbong Pk.
Tasmanicosa musgravei (Lycosidae): Musgrave's Wolf Spider. Babers Rd N.
Tatea huonensis (Tateidae): Huon Brackish Water Snail. Dora Ck Estuary.
Taylorilygus apicalis (Miridae): Broken-backed Bug. Babers Rd N; Cooranbong.
Telecrates melanochrysa? (Oecophoridae): Yellow Cross-striped Moth. Babers Rd N.
*Tenebrio molitor**? (Tenebrionidae): Mealworm Beetle. Babers Rd N.
*Tenebrio obscurus**? (Tenebrionidae): Dark Mealworm Beetle. Babers Rd N.
Terrycarlessia turbinata (Rhytididae): Glossy Turban Carnivorous Snail. Redbank Rd.
Tetraclitella purpurascens? (Tetraclitidae): Purple Barnacle? Dora Ck Estuary.
Tetragnatha demissa (Tetragnathidae): Crouching Long-jawed Spider. Babers Rd N.
Tetragnatha valida (Tetragnathidae): Patternless Long-jawed Spider. Babers Rd N.
Tetragonula carbonaria (Apidae): Sugarbag Bee. Mandalong.
Tetramorium simillimum (Formicidae): Groove-headed Ant. Babers Rd N; N. Turramurra.
Tetranychus urticae (Tetranychidae): Two-spotted Spider-mite. Babers Rd N.
Thallarcha sparsana (Erebidae): Fair Footman Moth. Cooranbong.
Tharpyna diademata (Thomisidae): Crowned Crab Spider. Cooranbong Pk.
Tharpyna munda (Thomisidae): Tick-mimicking Crab Spider. Cooranbong Pk.
Thaumastocoris peregrinus? (Thaumastocoridae): Bronze Bug. Babers Rd N; Bellbird Cl.
Theretra nessus (Sphingidae): Yam Hawk Moth. Sauls Rd.
Theridion pyramidale (Theridiidae): Striped Dew-drop Spider. Babers Rd N.
Theridula gonygaster (Theridiidae): Yellow on Black Ladybird Spider. Babers Rd N.
Thersites novaehollandiae (Camaenidae): New Holland Striped-snail. Heaton State F; Martinsville.
Theseus modestus (Pentatomidae): Gum Tree Shield Bug. Martinsville; One Tree Hill.
Thomisus spectabilis (Thomisidae): Spectacular Crab Spider. Babers Rd N.
Thopha saccata (Cicadidae): Double-drummer Cicada. Avondale CHE; Babers Rd N.
Throscidae sp. (Throscidae): Hairy Click-beetle. Babers Rd N.
Thylacodes sipho? (Vermetidae): Brackish Worm Shells. Stockton Ck.
Thyrecephalus chalcopterus (Staphylinidae): Metallic Green Rove Beetle. Babers Rd N.
Thyrecephalus chloropterus (Staphylinidae): Glossy-black Rove Beetle. Babers Rd N.
Tipanaea patulella (Crambidae): White Rush Moth. Babers Rd N.



Vanessa itea
Photo T. Annable

- Tipula* sp. (Tipulidae): Crane Fly. Babers Rd N.
- Tisiphone abeona* (Nymphalidae): Swordgrass Brown Butterfly. Martinsville.
- Trichiocercus sparshalli* (Notodontidae): Long-tailed Bombyx. Martinsville.
- Trichomya hirsuta*? (Mytilidae): Hairy Brackish Mussel. Lower Stockton Ck.
- Trigonidium albobittata* (Trigonidiidae): Banded Cricket. Babers Rd N.
- Trigonidium vittaticollis* (Trigonidiidae): Silent Leaf-runner. Babers Rd N.
- Trigonodera marmoratus* (Rhipiphoridae): Marbled Hump-backed Beetle. Babers Rd N.
- Trigonodes hyppasia* (Noctuidae): Four Triangled Noctuid Moth. Babers Rd N.
- Trinemura calcaripalpa*? (Nicoletiidae): Micro-silverfish. Cooranbong.
- Tripteroides marksae* (Culicidae): Banded-body Mosquito. Cooranbong; Dora Ck delta; Martinsville; Palmers Rd; Stockton Ck.
- Trismelasmos donovani* (Cossidae): Golden Arc Moth. Babers Rd N.
- Trogodendron fasciculatus* (Cleridae): Yellow-horned Clerid Beetle. Yambo St.
- Trombidium* sp. 1. (Trombidiidae): Red Velvet Mite. One Tree Hill.
- Trombidium* sp. 2. (Trombidiidae): Ocellated Red Velvet Mite. Wharf St.
- Tropidoderus childrenii* (Phasmatidae): Children's Stick-insect. Cooranbong; Dora Ck delta; Palmers Rd; Stockton Ck.
- Tuberolachnus salignus* (Aphididae): Giant Willow Aphid. Babers Rd N.
- Turneriprocis dolens* (Zygaenidae): Doleful Moth, Cooranbong.
- Typostola barbata* (Sparassidae): Bearded Huntsman Spider. Sauls Rd.
- Urodacus manicatus* (Urodacidae): Black Rock Scorpion. Avondale Cemetery; Babers Rd N; Watagan Forest.
- Utetheisa pulchelloides* (Arctiidae): Heliotrope Moth. Avondale CHE; Babers Rd N.
- Vanessa itea* (Nymphalidae): Australian Admiral. Avondale CHE; Babers Rd N.
- Vanessa kershawi* (Nymphalidae): Australian Painted Lady. Avondale CHE; Babers Rd N; Cooranbong Pk.
- Venatrix furcillata* (Lycosidae): Little Striped Wolf Spider. Babers Rd N; Cooranbong Pk.
- Venatrix ornatula* (Lycosidae): Ornate Wolf Spider. Babers Rd N.
- Venatrix pictiventris* (Lycosidae): Lambda Pattern Wolf Spider. Redbank Rd.
- Venatrix speciosa*? (Lycosidae): Black Spot Wolf Spider. Babers Rd N.
- Victaphanta atramentaria* (Rhytididae): Gippsland Black Snail. Dora Ck Delta; Martinsville; Stockton Ck.
- Vitellidelos dulcis* (Rhytididae): Sydney Carnivorous Snail. Martinsville.
- Vorticella campanulata* (Vorticellidae): Common Vorticella. Upper Sandy Ck.
- Vorticella convalaria* (Vorticellidae): Large Bulbous Vorticella. Upper Sandy Ck.

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Wilhelminaia mathildae (Helicarionidae): Matilda snail. Morisset IA; Freemans Dr/Stockton Ck.

Wingia hesperidella? (Oecophoridae): Plain Golden Moth. Babers Rd N.

Xanthagrion erythroneurum (Coenagrionidae): Red-veined Damselfly. Dora Ck weir.

Xenostrobus securis (Mytilidae): Little Brown Mussel. Dora Ck Estuary.

Xylion cylindricus (Bostrichidae): Cylindrical Auger Beetle. Mandalong.

Xylocopa aruana (Apidae): Large Carpenter Bee. Cooranbong.

Xylorycta assimilis (Oecophoridae): Pale Concealer Moth. Cooranbong.

Xylotrupes ulysses australicus (Scarabaeidae): Elephant Beetle. Alton Rd; Mandalong; Sawmillers Terrace.

Xysticus bimaculatus (Thomisidae): Two-striped Crab Spider. Babers Rd N.

Ypthima arctous (Nymphalidae): Dusky Knight Butterfly, Freemans Waterhole.

Yumbera signata (Dolichopodidae): Index Fly. Gap Creek; Heatons Lookout.

Zenarge turneri (Argidae): Cypress Pine Sawfly. Mandalong.

Zenargomyia moorei (Tachinidae): Moore's Tachinid Fly. Mandalong.

Zizina otis (Lycaenidae): Common Grass-blue Butterfly. Babers Rd N.

Zonitoides arboreus * (Gastrodontidae): Orchid Snail. Old Maitland Rd.

Zonopetala clerota (Oecophoridae): Black and White Concealer Moth. Mandalong.

*Zosis geniculatus** (Uloboridae): Grey House Spider. Babers Rd N.

Zosteria caliginea? (Asilidae): Dark Robber Fly. Avondale CHE.

Zygometis xanthogaster (Thomisidae): Yellow-bellied Crab Spider. Babers Rd N.

LIST 7: All Invertebrates, Alphabetic List of Common Names

Common names have always been problematic for biologists. Widespread species may have different common names in different localities and also a single common name may be used for many different species. For example, the name ‘Leaf Beetle’ may be applied to hundreds of different beetles in the family Chrysomelidae. Many species (particularly if they are rare) may have no known common name, while a group of similar-looking or cryptic species that are difficult to distinguish or classify may all have the same common name. In the following list all species have been allocated only one common name. It is quite likely that some species may have been accorded less-familiar common names. Many species for which no common name could be found in the literature have been given a common, either based on their scientific names or a descriptive name that will aid in identification. Each common name is followed by the scientific name and then the Family to which the species belongs. If the reader is unaware of what type of organism is being referred to they can check in the alphabetic list by Family which follows.

Allodapine Bee, *Exoneura bicolor* (Apidae).
 American Cockroach, *Periplaneta americana** (Blattidae).
 Amphipod sp., *Caridea* sp. (Atyidae).
 Anna’s Waterboatman, *Micronecta annae*? (Micronectidae).
 Ant-mimic Spider, *Myrmarachne striatipes*? (Salticidae).
 Aquatic Amphipod, *Australochiltonia australis* (Chiltoniidae).
 Aristotle’s Clubbed Moth, *Pycnobathra clavata* (Gelechiidae).
 Armyworm, *Spodoptera mauritia* (Noctuidae).
 Arrilla Beetle, *Onthophagus arrilla* (Scarabaeidae).
 Asymmetrical Crane fly, *Dolichopeza asymmetrica* (Tipulidae).
 Austral Ellipsoid, *Ellipsoidion austral* (Ectobiidae).
 Australasian Cockroach, *Periplaneta australasiae* (Blattidae).
 Australian Admiral Butterfly, *Vanessa itea* (Nymphalidae).
 Australian Armyworm Moth, *Mythimna convecta* (Noctuidae).
 Australian Bronze Jumping Spider, *Helpis minitabunda* (Salticidae).
 Australian Emerald Dragonfly, *Hemicordulia australiae* (Corduliidae).
 Australian Golden Orb-weaving Spider, *Nephila edulis* (Nephilidae).
 Australian Mole Cricket, *Gryllotalpa australis* (Gryllotalpidae).
 Australian Painted Lady, *Vanessa kershawi* (Nymphalidae).
 Australian Paralysis Tick, *Ixodes holocyclus* (Ixodidae).
 Australian Plague Locust, *Chortoicetes terminifera* (Acrididae).
 Azalea Lace Bug, *Stephanitis pyrioides* (Tingidae).
 Bailey’s Lerp, *Glycaspis baileyi* (Psyllidae).
 Bait Worm, *Diopatra aciculata* (Onuphidae).
 Banded Beetle, *Pentagonica vittipennis* (Carabidae).
 Banded Carpet Moth, *Mnesiloba eupitheciata* (Geometridae).
 Banded Cricket, *Trigonidium albovittata* (Trigonidiidae).
 Banded Hypena Moth, *Hypena subvittalis* (Noctuidae).
 Banded Mosquito, *Aedes alboannulatus* (Culicidae).
 Banded Oecophorid Moth, *Isomoralla eriscota* (Oecophoridae).
 Banded Somethus Millipede, *Somethus* sp. 2. (Paradoxosomatidae).
 Banded-body Mosquito, *Tripteroides marksae* (Culicidae).

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Banded Lichen Moth, *Eutane terminalis* (Arctiidae).
Banded-legs Crane fly, *Molophilus subannulipes* (Tipulidae).
Banded-legs Mosquito, *Mansonia uniformis* (Culicidae).
Banded-legs Wolf Spider, *Hogna crispipes* (Lycosidae).
Bark Looper Moth, *Ectropis bispinaria* (Geometridae).
Bark-mimicking Grasshopper, *Coryphistes ruricola* (Acrididae).
Barrel-cell Mud Wasp, *Sceliphron caementarium* (Sphecidae).
Barrington Fly, *Leptotarsus barringtoniensis* (Tipulidae).
Basal Green Lacewing, *Mallada basalis* (Chrysopidae).
Bearded Huntsman Spider, *Typostola barbata* (Sparassidae).
Bearded-legs Crab Spider, *Stephanopis barbipes* (Thomisidae).
Beautiful Leafhopper, *Eurymeloides pulchra* (Cicadellidae).
Beautiful Badge Huntsman Spider, *Neosparassus diana* (Sparassidae).
Beautiful Pinwheel Snail, *Decoriopea lirata* (Charopidae).
Beet Webworm, *Spoladea recurvalis* (Crambidae).
Beige Leaf-moth, *Anthela phaeodesma* (Anthelidae).
Bell's Pinwheel Snail, *Macrophallikoropa belli* (Charopidae).
Bicoloured Balta Cockroach, *Balta bicolor* (Ectobiidae).
Big-headed Ant, *Pheidole megacephala** (Formicidae).
Big-headed Waterflea, *Daphnia cephalata* (Daphniidae).
Bird-dropping Moth, *Acontia nivipicta* (Noctuidae).
Bird-dropping Spider, *Celaenia excavata* (Araneidae).
Biting Jumping Spider, *Opisthoncus mordax* (Salticidae).
Biting Sac Spider, *Cheiracanthium mordax* (Clubionidae).
Bituberous Assassin Bug, *Stenolemus bituberus* (Reduviidae).
Black & Brown Straight-jawed Ant, *Orectognathus nigriventris* (Formicidae).
Black & Orange Night Moth, *Titanoceros thermoptera*. (Pyalidae).
Black Abdomen Ant, *Leptomyrmex nigriventris* (Formicidae).
Black and Orange Jewel Beetle, *Castiarina scalaris* (Buprestidae).
Black and Orange Lovebug, *Plecia ornaticornis*? (Pleciidae).
Black and White Concealer Moth, *Zonopetala clerota* (Oecophoridae).
Black and White Damsel Fly, *Rhadinosticta simplex* (Isostictidae).
Black Aquatic Flatworm, *Spathula* sp? 1. (Dugesiiidae).
Black Assassin Bug, *Peirates punctorius* (Reduviidae).
Black Banded-legs Jumping spider, *Clynotis* sp. (Salticidae).
Black Bull Ant, *Myrmecia pyriformis* (Formicidae).
Black Christmas Beetle, *Repsimus manicatus* (Scarabaeidae).
Black Diamond Wolf Spider, *Artoriopsis* sp. (Lycosidae).

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Black Epicoma Moth, *Epicoma tristis* (Notodontidae).
Black Eye-turret Spider, *Perissopmerus arkana?* (Malkaridae).
Black Field Earwig, *Nala lividipes* (Labiduridae).
Black Flower Wasp, *Anthobosca* sp.? (Tiphidae).
Black Ground Beetle, *Hyperion schroetteri* (Carabidae).
Black House Spider, *Badumna insignis* (Desidae).
Black Line Jumping Spider, *Jotus minutus* (Salticidae).
Black Micromoth-fly, *Psychoda ypsylon?* (Psychodidae).
Black Monopis Fungus Moth, *Monopis ethelella* (Tineidae).
Black Owlet Moth, *Pataeta carbo* (Noctuidae).
Black Pie-dish Beetle, *Pterohelaeus walkeri?* (Tenebrionidae).
Black Prince Cicada, *Psaltoda plaga* (Cicadidae).
Black Rock Scorpion, *Urodacus manicatus* (Urodacidae).
Black Scale, *Parasaissetia nigra* (Coccidae).
Black Soldier Fly, *Hermetia illucens* (Stratiomyidae).
Black Spot Wolf Spider, *Venatrix speciosa?* (Lycosidae).
Black-banded Bull Ant, *Myrmecia nigrocincta* (Formicidae).
Black-headed Brown Cockchafer, *Rhopaea magnicornis* (Scarabaeidae).
Black-headed Chafer-beetle, *Sericesthis geminata* (Scarabaeidae).
Black-headed Flat Bug, *Brachyrhynchus australis* (Aradidae).
Black-headed Skimmer Dragonfly, *Crocothemis nigrifrons* (Libellulidae).
Black-headed Sugar Ant, *Camponotus nigriceps* (Formicidae).
Black-headed Wasp Moth, *Amata nigriceps* (Arctiidae).
Black-legged Spider-ant, *Leptomyrmex cnemidatus* (Formicidae).
Black-netted Yellow Leafhopper, *Neovulturnus hackeri* (Cicadellidae).
Black-spotted Yellow Moth, *Chiriphe tetramita* (Arctidae).
Black-tailed Servaea Jumping Spider, *Servaea* sp. (Salticidae).
Black-tailed Triangle Spider, *Arkys* sp? (Araneidae).
Black-thighed Orb-weaver Spider, *Eriophora* sp? (Araneidae).
Black-winged Fungus Fly, *Manota* sp? (Mycetophilidae).
Blood-stained Flower Spider, *Australomisidia cruentata* (Thomisidae).
Blotched Namuella Moth, *Monopis icterogastra* (Tineidae).
Blue Leaf Beetle, *Nisotra breweri* (Chrysomellidae).
Blue-legged Watermite, *Hydrachna* sp? (Hydrachnidae).
Blue Mountain Firefly, *Atyphella lychnus?* (Lampyridae).
Blue Planarian, *Caenoplana* sp. (Geoplanidae).
Blue River Damsel, *Pseudagrion microcephalum* (Coenagrionidae).
Blue Skimmer Dragonfly, *Orthetrum caledonicum* (Libellulidae).

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Blue Squirter Earthworm, *Didymogaster sylvaticus* (Megascolecidae)
Blue-antenna Centipede, *Cormocephalus brachycerus* (Scolopendridae).
Blue-banded Bee, *Amegilla cingulata* (Apidae).
Blue-black Pie-dish Beetle, *Pterohelaeus peltatus?* (Tenebrionidae).
Bluebottle Fly, *Calliphora vomitoria* (Dolichopodidae).
Bog-eyed Iridescent Fly, *Dilophus tarsus* (Bibionidae).
Bogong Moth, *Agrotis infusa* (Noctuidae).
Bombardier Beetle, *Pheropsophus verticalis* (Carabidae).
Botany Bay Weevil, *Chrysolopus spectabilis* (Curculionidae).
Brackish Worm Shells *Thylacodes sipho?* (Vermetidae).
Bradley's Grass Orb-weaver Spider, *Plebs bradleyi* (Araneidae).
Brauer's Nylanderia Ant, *Nylanderia braueri glabrior* (Formicidae).
Brisbane's Two-tailed Spider, *Tamopsis brisbanensis* (Hersiliidae).
Bristleworm, *Australonereis ehlersi* (Nereididae).
Broad-headed Bull Ant, *Myrmecia fulviculis* (Formicidae).
Broad-nosed Ground Weevil, *Talaurinus foveatus* (Curculionidae).
Broken-backed Bug, *Taylorilgus apicalis* (Miridae).
Bronze Bug, *Thaumastocoris peregrinus?* (Thaumastocoridae).
Bronze Orange Bug, *Musgraveia sulciventris* (Tessaratomidae).
Broun's Outback Spider, *Backobourkia brouni* (Araneidae).
Brown and Black Jumping Spider, *Clynotis semiferrugineus* (Salticidae).
Brown Bag-shelter Moth, *Panacela lewinae?* (Eupterotidae).
Brown Bean Bug, *Riptortus serripes* (Alydidae).
Brown Field Ant, *Camponotus humilior* (Formicidae).
Brown Field Slug, *Deroceras panormitanum** (Agriolimacidae).
Brown Flea Beetle, *Aphthona* sp? (Chrysomelidae).
Brown Grain Weevil, *Mandalotus* sp. (Curculionidae).
Brown Hairy Click-beetle, Throscidae sp. (Throscidae).
Brown Hive Snail, *Euconulus fulvus* (Euconulidae).
Brown House Cricket, *Acheta domestica?* * (Gryllidae).
Brown House Cricket, *Acheta domestica?* * (Gryllidae).
Brown House Mosquito, *Culex quinquefasciatus* (Culicidae).
Brown House Spider, *Latrodectus geometricus* (Theridiidae).
Brown Lacewing, *Spermophorella disseminata?* (Berothidae).
Brown Matchstick Grasshopper, *Moritala hasta* (Morabidae).
Brown Mayfly, *Baetis* sp. 2. (Baetidae).
Brown Paper Wasp, *Polistes humilis* (Vespidae).
Brown Powder Post Beetle, *Lyctus brunneus* (Bostrichidae).

Brown Stag Beetle, *Ryssonotus nebulosus* (Lucanidae).

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Brown Striped Flatworm, *Caenoplana sanguinea*? (Geoplanidae).

Brown Striped Pale Sac Spider, *Clubiona* sp. (Clubionidae).

Brown Thorax Water Beetle, *Rhantus suturalis* (Dytiscidae).

Brown-cream-brown Moth, *Labdia deliciosella* (Cosmopterigidae).

Brown-marbled Gelechiid Moth, *Deltophora peltosema*? (Gelechiidae).

Brown-mottled Plume Moth, *Sphenarches anisodactylus* (Pterophoridae).

Brown-patterned High-tail Moth, *Gauna aegusalis* (Pyrilidae).

Brown-striped Cockroach, *Ectoneura minima* (Ectobiidae).

Bulldog Ant, *Myrmecia forficata* (Formicidae).

Bush Cockroach, *Calolampira irrorata*? (Blaberidae).

Bush Fly, *Musca vetustissima* (Muscidae).

Cabbage White Butterfly, *Pieris rapae* (Pieridae).

Calculus Cone Snail, *Coneuplecta calculosa* (Euconulidae).

Cambridge's Crab Spider, *Stephanopis cambridgei* (Thomisidae).

Caper White Butterfly, *Belenois java* (Pieridae).

Carder Bee, *Afranthidium repetitum*? * (Apidae).

Cattle Tick, *Haemaphysalis longicornis* (Ixodidae).

Cedar-tip Moth, *Hypsipyla robusta* (Pyrilidae).

Children's Stick-insect, *Tropidoderus childrenii* (Phasmatidae).

Christmas Jewel Spider, *Austracantha minax* (Araneidae).

Citricola Scale, *Coccus pseudomagnoliarum* (Coccidae).

Citrus Leaf-eating Weevil, *Eutinophaea bicristata* (Curculionidae).

Citrus Leaf-miner, *Phyllocnistis citrella* (Gracillariidae).

Citrus Scale, *Lepidosaphes beckii* (Diaspididae).

Clanger Cicada, *Psaltoda claripennis* (Cicadidae).

Clouded Brown Looper Moth, *Syneora hemeropa* (Geometridae).

Clubbed Two-spot Moth, *Pycnobathra clavata* (Gelechiidae).

Cluster Fly, *Pollenia rudis*? (Calliphoridae).

Coffee-bee Hawkmoth, *Cephonodes hylas* (Sphingidae).

Comma-spotted Ladybird, *Diomus notescens* (Coccinellidae).

Common Anthelid Moth, *Anthela acuta*? (Anthelidae).

Common Armyworm, *Hyporhamphus australis* (Noctuidae).

Common Assassin Bug, *Pristhesancus plagipennis* (Reduviidae).

Common Australian Lady-beetle, *Coelophora inaequalis* (Coccinellidae).

Common Backyard Mosquito, *Rampamyia notoscriptus* (Culicidae).

Common Bluetail Damselfly, *Ischnura heterosticta* (Coenagrionidae).

Common Brown Lacewing, *Myrmeleon acer* (Myrmeleontidae).

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Common Brown Butterfly, *Heteronympha merope* (Nymphalidae).
Common Christmas Beetle, *Anoplognathus porosus* (Scarabaeidae).
Common Crab Spider, *Lehtinelagia evanida* (Thomisidae).
Common Crow Butterfly, *Euploea core* (Nymphalidae).
Common Cymbacha Spider, *Cymbacha ocellata* (Thomisidae).
Common Epicoma Moth, *Epicoma melanosticta* (Notodontidae).
Common Eucalypt Longicorn Beetle, *Phoracantha semipunctata* (Cerambycidae).
Common Freshwater Shrimp, *Paratya australiensis* (Atyidae).
Common Garden Katydid, *Caedicia simplex* (Tettigoniidae).
Common Glider Dragonfly, *Tramea loewii* (Libellulidae).
Common Grass-blue Butterfly, *Zizina otis* (Lycaenidae).
Common Grass-yellow Butterfly, *Eurema hecabe* (Pieridae).
Common Green Planthopper, *Siphanta hebes* (Flatidae).
Common Hoverfly, *Ischiodon scutellaris* (Syrphidae).
Common Hoverfly, *Melangyna viridiceps* (Syrphidae).
Common Jezebell, *Delias nigrina* (Pieridae).
Common Leafy Case-moth, *Hyalarcta huebneri* (Psychidae).
Common Non-biting Midge, *Imparipecten pictipes?* (Chironomidae).
Common Southern Carnivorous Snail, *Austrorhytida capillacea* (Rhytididae).
Common Spotted Ladybird, *Harmonia conformis* (Coccinellidae).
Common Trilobite Cockroach, *Laxta granicollis* (Blaberidae).
Common Vinegar-fly, *Drosophila melanogaster** (Drosophilidae).
Common Vorticella, *Vorticella campanulata* (Vorticellidae).
Common Whirligig Beetle, *Gyrinus convexiusculus* (Gyrinidae).
Common Wolf Spider, *Artoriopsis expolita* (Lycosidae).
Confused Flour Beetle, *Tribolium confusum* (Tenebrionidae).
Conical Landsnail, *Hedleyoconcha delta* (Charopidae).
Convolvulus Hawk Moth, *Agrius convolvuli* (Sphingidae).
Corn Earworm, *Helicoverpa armigera* (Noctuidae).
Corrugated Black Ant, *Sphinctomyrmex nigricans* (Formicidae).
Corrugated Millipede, *Phyllocladosoma broelemanni* (Paradoxosomatidae).
Cottony Cushion Scale, *Icerya purchasi* (Monophlebidae).
Cottony Pigface Scale, *Pulvinariella mesembryanthemi* (Cicadidae).
Cowboy Beetle, *Chondropyga dorsalis* (Scarabaeidae).
Crane Fly, *Tipula* sp. (Tipulidae).
Cream Wave Moth, *Scopula perlata* (Geometridae).
Cream-striped Fungus Moth, *Monopis crocicapitella* (Tineidae).
Creeping Waterflea, *Simocephalus vetulus* (Daphniidae).

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Crescent Crane-fly, *Dolichocheza zenta* (Tipulidae).
Crimson Tiger Moth, *Spilosoma curvata* (Arctiidae).
Cross-striped Oecophorid Moth, *Philobota impletella* (Oecophoridae).
Crouching Long-jawed Spider, *Tetragnatha demissa* (Tetragnathidae).
Crowned Crab Spider, *Tharpyna diademata* (Thomisidae).
Crusader Bug, *Mictis profana* (Coreidae).
Cuckoo Wasp, *Stilbum cyanurum* (Chrysididae).
Cumberland Land Snail, *Meridolum grayi* (Camaenidae).
Cupboard Spider, *Steatoda grossa* (Theridiidae).
Curly-haired Scuttling Spider, *Cycloctenus* sp. (Cycloctenidae).
Cylindrical Auger Beetle, *Xylion cylindricus* (Bostrichidae).
Cylindrical White-tailed Spider, *Lampona cylindrata* (Lamponidae).
Cymodoce Isopod, *Cymodoce* sp.? (Sphaeromatidae): (undescribed sp.).
Cypress Pine Sawfly, *Zenarge turneri* (Argidae).
Daddy Long-legs Spider, *Pholcus phalangioides* (Pholcidae).
Damsel Bug, *Nabis maoricus*? (Nabidae).
Daniels' Lenophila Fly, *Lenophila danielsi* (Platystomatidae).
Dark Brown Shield Bug, *Notius depressus* (Pentatomidae).
Dark Cluster Bug, *Nysius clevelandensis* (Lygaeidae).
Dark Hairy Moth-fly, *Psychoda pseudalternata*? (Psychodidae).
Dark Mealworm Beetle, *Tenebrio obscurus**? (Tenebrionidae).
Dark Robber Fly, *Zosteria caliginea*? (Asilidae).
Dead-leaf Moth, *Anthela excellens* (Anthelidae).
Dendrobium Beetle, *Stethopachys formosa* (Chrysomelidae).
Dense-filament Mayfly, *Atalophlebia australasica* (Leptophlebiidae).
Diamond-back Moth, *Plutella xylostella** (Plutellidae).
Dismal Misgolas Spider, *Misgolas melancholicus* (Idiopidae).
Diurnal Predatory Katydid, *Austrophlugis malidupa* (Acrididae).
Dog-faced Moth, *Acroceuthes metaxanthana* (Tortricidae).
Donovan's Tiger Moth, *Aloa marginata* (Arctiidae).
Doria's Harvestman Spider, *Equitius doriae* (Triaenonychidae).
Dorrigo Crane-fly, *Dolichocheza dorrigenensis* (Tipulidae).
Dorrigo Glass-snail, *Nitor medioxima* (Helicarionidae).
Dorsal-striped Millipede, *Spirobolellus dorsovittatus* (Spirobolellidae).
Double-cross Comb-footed Spider, *Crustulina bicrucata*? (Therididae).
Double-drummer Cicada, *Thopha saccata* (Cicadidae).
Double-headed Moth, *Coequosa australasiae* (Sphingidae).
Double-patched Gelechiid Moth, *Ardozyga hemichlaena* (Gelechiidae).

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Double-spotted Line-blue, *Nacaduba biocellata* (Lycaenidae).
Double-waisted Punctate Brown Wasp, *Paralastor punctulatus* (Vespidae).
Dry-leaf Geometrid Moth, *Idiodes siculoides* (Geometridae).
Dubious Caddisfly, *Atriplectides dubius* (Atriplectididae).
Dubious Daphniid, *Ceriodaphnia dubia*? (Daphniidae).
Dusky Knight Butterfly, *Ypthima arctous* (Nymphalidae).
Dusky-winged Ichneumonid, *Lissopimpla excelsa* (Ichneumonidae).
Earth Centipede, *Sepedonophilus antipodus* (Chilenophilidae).
Eastern Forest Scutigera, *Parascutigera* sp. (Scutigerae).
Eastern Grass Orb-weaver Spider, *Plebs eburnus* (Araneidae).
Eastern Hawk Dragonfly, *Austrocordulia refracta* (Austrocorduliidae).
Eastern Peacock Jumping Spider, *Maratus volans*? (Salticidae).
Eastern Window-winged Moth, *Ichneumenoptera chrysophanes* (Sesiidae).
Eight Red Spot Eucalyptus Leaf Beetle, *Paropsisterna beata* (Chrysomelidae).
Elegant Balta Cockroach, *Balta mundicola*? (Ectobiidae).
Elegant Lynx Spider, *Oxyopes elegans* (Oxyopidae).
Elephant Beetle, *Xylotrupes ulysses australicus* (Scarabaeidae).
Elephant Weevil, *Orthorhinus cylindrirostris* (Curculionidae).
Estuary Shrimp, *Palaemon* sp. (Palaemonidae).
European Earwig, *Forficula auricularia** (Forficulidae).
Eyebrowed Sandalodes Jumping Spider, *Sandalodes bipenicillatus* (Salticidae).
Eyed Banded Moth, *Halone sejuncta* (Arctiidae).
Eyespot Anthelid Moth, *Anthela ocellata* (Anthelidae).
Fair Footman Moth, *Thallarcha sparsana* (Erebidae).
False Garden Mantid, *Pseudomantis albofimbriatus* (Mantidae).
Fan Beetle, *Porrostoma rhipidum* (Lycidae).
Fasciated Porela Moth, *Porela albifrons* (Lasiocampidae).
Feather-leaf Gills Mayfly, *Jappa edmundsi* (Leptophlebiidae).
Field Cricket, *Lepidogryllus comparatus* (Gryllidae).
Field Cricket, *Lepidogryllus comparatus* (Gryllidae).
Fierce Beetle, *Onthophagus pugnax* (Scarabaeidae).
Fiery Skimmer Dragonfly, *Orthetrum villosiovittatum* (Libellulidae).
Fig Moth, *Agrioglypta excelsalis*? (Crambidae).
Figleaf Beetle, *Poneridia semipullata* (Chrysomelidae).
Finlaya Mosquito, *Ochlerotatus monocellatus* (Culicidae).
Flame Snout Moth, *Endotricha ignealis* (Pyralidae).
Flat Ramshorn Snail, *Gyraulus scottianus*? (Planorbidae).
Flattened Bark Spider, *Hemicloea rogenhoferi* (Gnaphosidae).

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Flesh Fly, *Sarcophaga arachnivora*? (Sarcophagidae).
Floury Baker Cicada, *Aleeta curvicosta* (Cicadidae).
Four-striped Black and Yellow Concealer Moth, *Olbonoma triptycha* (Oecophoridae).
Four Triangled Noctuid Moth, *Trigonodes hyppasia* (Noctuidae).
Four-eyed Moth, *Cryptoptila immersana* (Tortricidae).
Freshwater Limpet, *Ferrisia tasmanicus*? (Planorbidae).
Freshwater Sponge, *Spongilla* sp. (Spongillidae).
Friedman's Trilobite Cockroach, *Laxta friedmani* (Blaberidae).
Frilly Leach, *Helobdella papillornata* (Glossiphoniidae).
Fruit-piercing Moth, *Serodes campana* (Erebidae).
Fungus Gnat, *Sciara* sp. (Sciaridae).
Fungus-eating Ladybird, *Illeis galbula* (Coccinellidae).
Gambosa Isopod, *Cymodetta gambosa* (Sphaeromatidae).
Garden Mantis, *Orthodera ministralis* (Mantidae).
Garden Orb-weaver Spider, *Eriophora transmarina* (Araneidae).
Garden Slater, *Porcellionides pruinosus** (Porcellionidae).
Garden snail, *Cantareus aspersa** (Helicidae).
Garden Soldier Fly, *Exaireta spinigera* (Stratiomyidae).
Garden Wolf Spider, *Tasmanicosa godeffroyi* (Lycosidae).
Giant Earwig, *Titanolabis collossea* (Anisolabididae).
Giant Green Slantface Grasshopper, *Acrida conica* (Acrididae).
Giant Grey Mosquito, *Aedes alternans* (Culicidae).
Giant Mud Crab, *Scylla serrata* (Portunidae).
Giant Orange Lacewing, *Nymphes myrmeleonoides* (Nymphidae).
Giant Passalid Beetle, *Mastachilus quaestionis* (Passalidae).
Giant Prickly Stick Insect, *Extatosoma tiaratum* (Phasmatidae).
Giant Thrips, *Idolothrips spectrum* (Phlaeothripidae).
Giant Willow Aphid, *Tuberolachnus salignus* (Aphididae).
Giant Wood Moth, *Endoxyla methychroa* (Cossidae).
Gippsland Black Snail, *Victaphanta atramentaria* (Rhytididae).
Glossy Black Ladybird, *Bucolellus punctipennis* (Coccinellidae).
Glossy Black Ladybird, *Serangium nitidum* (Coccinellidae).
Glossy Black Oval Compost Beetle, *Phalacrus insignis*? (Phalacridae).
Glossy Iridescent Ladybird, *Bucolus fourneti* (Coccinellidae).
Glossy Slater, *Laevophiloscia scholastica* (Philosciidae).
Glossy Turban Carnivorous Snail, *Terrycarlessia turbinata* (Rhytididae).
Glossy-black Ridged Ant, *Rhytidoponera aciculata* (Formicidae).
Glossy-black Root Bug, *Adrisa erichsoni* (Cydnidae).

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Glossy-black Rove Beetle, *Thyreocephalus chloropterus* (Staphylinidae).
Glossy-black Valentine Ant, *Crematogaster laeviceps* (Formicidae).
Glow Worm, *Arachnocampa richardsae*? (Keroplatidae).
Gold-spot Click Beetle, *Augenotus aurantius* (Elateridae).
Gold-spot Water Bug, *Diplonychus eques* (Belostomatidae).
Golden Arc Moth, *Goboea copiosana* (Tortricidae).
Golden Arc Moth, *Trismelasmos donovani* (Cossidae).
Golden Bum Ant, *Polyrhachis ammon* (Formicidae).
Golden Metalmark Moth, *Choreutis ophiosema* (Choreutidae).
Golden Semislug, *Mysticarion porrectus* (Helicarionidae).
Golden Sondra Jumping, Spider *Sondra aurea* (Salticidae).
Golden-legs Centipede, *Cormocephalus aurantipes* (Scolopendridae).
Golden-lined Snout Moth, *Notarcha aurolinealis* (Crambidae).
Golden-mottled Moth, *Nausinoe puerita* (Crambidae).
Gordian Worm, *Gordius* sp. (Gordiidae).
Graceful Ant-mimic Spider, *Rhombonotus gracilis* (Salticidae).
Graeff's Leaf-curling Spider, *Phonognatha graeffei* (Araneidae).
Granny's Cloak Moth, *Speiredonia spectans* (Erebidae).
Graphic Flutterer, *Rhyothemis graphiptera* (Libellulidae).
Grass Webworm Moth, *Herpetogramma licarsisalis* (Crambidae).
Greater Wax Moth, *Galleria mellonella* (Pyrilidae).
Green & Brown Grasshopper, *Austroicetes vulgaris* (Curculionidae).
Green Blotched Moth, *Cosmodes elegans* (Noctuidae).
Green Blow-fly, *Lucillia sericata* (Calliphoridae).
Green Christmas Beetle, *Anoplognathus chloropyrus* (Scarabaeidae).
Green Crab Spider, *Lehtinelagia prasina* (Thomisidae).
Green Drab Moth, *Ophiusa tirhaca* (Erebidae).
Green Garden Mantis, *Hierodula atricoxis*? (Mantidae).
Green Grass-dart, *Ocybadistes walker* (Hesperiidae).
Green Hoverfly, *Austalis copiosa* (Syrphidae).
Green Hydra, *Hydra viridissima** (Hydridae).
Green Jewell-bug, *Lampromicra senator* (Scutelleridae).
Green Jumping Spider, *Mopsus mormon* (Salticidae).
Green Lacewing, *Chrysoperla carnea* (Chrysopidae).
Green Lacewing, *Plesiochrysa ramburi* (Chrysopidae).
Green Leaf Moth, *Chryschloroma megaloptera* (Geometridae).
Green Leaf-moth, *Parotis marginata* (Crambidae).
Green Leafhopper, *Brunotartessus fulvus* (Cicadellidae).

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Green Looper Moth, *Chrysodeixis eriosoma* (Noctuidae).
Green Mayfly, *Baetis* sp. 1. (Baetidae).
Green Stink Bug, *Plautia affinis* (Pentatomidae).
Green-head Ant, *Rhytidoponera metallica* (Formicidae).
Greenfly, *Acyrtosiphon pisum*? (Aphididae).
Greengrocer Cicada, *Cyclochila australasiae* (Cicadidae).
Greenslade's Meat Ant, *Iridomyrmex purpureus* (Formicidae).
Grevillea Looper-moth, *Oenochroma vinaria* (Geometridae).
Grey Aquatic Flatworm, *Spathula* sp? 2. (DugesIIDae).
Grey Caddis-fly, *Cheumatopsyche* sp? (Hydropsychidae).
Grey Cluster Bug, *Nysius caledoniae* (Lygaeidae).
Grey Field Slug, *Deroceras reticulatum** (Agriolimacidae).
Grey House Spider, *Zosis geniculatus** (Uloboridae).
Grey Huntsman Spider, *Holconia immanis* (Sparassidae).
Grey-brown Hydra, *Hydra oligactis** (Hydridae).
Grey-mottled Curfewing Moth, *Imma acosma*? (Immidae).
Groove-headed Ant, *Tetramorium simillimum* (Formicidae).
Gum Tree Shield Bug, *Theseus modestus* (Pentatomidae).
Hairy Black & Orange Ladybird, *Bucolus cirrhosis* (Coccinellidae).
Hairy Black Ladybird, *Bucolus caesariatus* (Coccinellidae).
Hairy Brackish Mussel, *Trichomya hirsuta*? (Mytilidae).
Hairy Bull Ant, *Myrmecia pilosula* (Formicidae).
Hairy Click Beetle, *Microdesmes pubescens* (Elateridae).
Hairy Crab Spider, *Sidymella hirsuta* (Thomisidae).
Hairy Russet Jumping Spider, *Opisthoncus* sp. (Salticidae).
Hairy Slime Mould, *Stemonitis axifera* (Stemonitidaceae).
Hairy Water-strider, *Microvelia hirsuta* (Veliidae).
Half-brown Jumping Spider, *Pungalina semiferruginea* (Salticidae).
Half Orb-weaver Spider, *Araneus dimidiatus* (Araneidae).
Half-brown Lecithocerid Moth, *Crocantthes micradelpha* (Lecithoceridae).
Half-striped Gelechiid Moth, *Ardozyga* sp. (Gelechiidae).
Hammerhead Flatworm, *Bipalium kewense** (Bipaliidae).
Hard Wax Scale, *Ceroplastes sinensis* (Coccidae).
Hardwood Termite, *Nasutitermes exitiosus* (Termitidae).
Harlequin Fungus Moth, *Moerarchis australasiella* (Tineidae).
Heart-shaped Garden Spider, *Araneus acuminatus* (Araneidae).
Heartworm, *Dirofilaria immitis* (Onchocercidae). (Suborder Spirurina to subfamilies
Heatwole's Rugose Orange-brown Ant, *Romblonella heatwolei* (Formicidae).

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Heliotrope Moth, *Utetheisa pulchelloides* (Arctiidae).
Hellyer's Blind Centipede, *Amastigogonus hellyeri* (Iulomorphidae).
Hexham Grey Mosquito, *Mucidus alternans* (Culicidae).
Himalayan Cuckoo, *Cuculus saturatus* (Cuculidae).
Honey Bee, *Apis mellifera** (Apidae).
Horizontal Borer, *Austroplatypus incompertus* (Lestidae).
Horseflies, *Dasybasis* spp. (Tabanidae) (many species).
Hourglass Moth, *Melastrotia nigrisquamata* (Arctiidae).
Hourglass Stathmopoda Moth, *Stathmopoda crocophanes* (Oecophoridae).
House Ant, *Ochetellus glaber* (Formicidae).
House Centipede, *Scutigera coleoptrata* (Scutigerridae).
House Fly, *Musca domestica* (Muscidae).
Hunter Valley Glass Snail, *Sheaia glenrockensis* (Helicarionidae).
Huon Brackish Water Snail, *Tatea huonensis* (Tateidae).
Incurved Cockroach, *Platyzygia incurva* (Blattidae).
Index Fly, *Yumbea signata* (Dolichopodidae) Lookout.
Integral-striped Ladybird, *Micraspis frenata* (Coccinellidae).
Intermediate Termite, *Schedorhinotermes intermedius* (Termitidae).
Inverse ring-legged Mosquito, *Anopheles annulipes* (Culicidae).
Island Fruitfly, *Dirioxa pornia* (Tephritidae).
Jade Hunter Dragonfly, *Austrogomphus ochraceus* (Gomphidae).
Jet Slug, *Milax gagates* (Milacidae).
Joseph's Coat Moth, *Agarista agricola* (Noctuidae).
Justyn's Jumping Spider, *Adoxotoma justyniae* (Salticidae).
Kathleen's Toxopid Spider, *Toxopsoides kathleenae* (Desidae).
Keeled Waterflea, *Daphnia carinata* (Daphniidae).
King Christmas Beetle, *Anoplognathus viridiaeneus* (Scarabaeidae).
King's Waterflea, *Scapholeberis kingi* (Daphniidae).
Knobbly Crab Spider, *Stephanopis altifrons* (Thomisidae).
Lake Crayfish, *Gramastacus lacus* (Parastacidae).
Lambda Pattern Wolf Spider, *Venatrix pictiventris* (Lycosidae).
Lantana Plume Moth, *Lantanophaga pusillidactylus* (Pterophoridae).
Large White-banded Bee, *Megachile serricauda* (Megachilidae).
Large Brownish Katydid, *Salomona* sp. (Tettigoniidae) (undescribed sp.).
Large Bulbous Vorticella, *Vorticella convalaria* (Vorticellidae).
Large Carpenter Bee, *Xylocopa aruana* (Apidae).
Large Green Praying Mantis, *Archimantis sobrina* (Mantidae).
Large Grey-brown Moth-lacewing, *Ithone fulva* (Ithonidae).

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Large Patterned Fly, *Euprosopia megastigma* (Platystomatidae).
Large Pond-snail, *Lymnaea stagnalis** (Lymnaeidae).
Large Snow-ball Mealy Bug, *Monophlebulus pilosior* (Margarodidae).
Large Waterskater, *Aquarius antigone* (Gerridae).
Large Whirligig Beetle, *Macrogyrus oblongus* (Gyrinidae).
Large Yellow-antenna Wasp, *Fabriogenia consociata* (Pompilidae).
Large-hatted Moth, *Nola pleurosema*? (Nolidae).
Lateral Rove Beetle, *Anotylus lateralis* (Staphylinidae).
Lea's Ant, *Ponera leae* (Formicidae).
Leaf-miner Fly, *Chromatomyia syngenesiae* (Agromyzidae).
Leopard Landsnail, *Helicarion leopardine* (Helicarionidae).
Lesser Wax Moth, *Achroia grisella* (Pyralidae).
Linear-striped Ladybird, *Micraspis lineola* (Coccinellidae).
Little Black-brown Ant, *Iridomyrmex victorianus* (Formicidae).
Little Brown Mussel, *Xenostrobus securis* (Mytilidae).
Little Green Mayfly, *Cloeon* sp. (Baetidae).
Little Marbled Scorpion, *Lychas marmoreus* (Buthidae).
Little Striped Wolf Spider, *Venatrix furcillata* (Lycosidae).
Little Suchieri Ant, *Iridomyrmex suchieri* (Formicidae).
Little Tarantula Spider, *Mituliodon tarantulinus* (Miturgidae).
Lizard-poo Moth, *Aeolosoma scutiferana* (Aeolosomatidae).
Log Cockroach, *Panesthia cribrata* (Blaberidae).
Long Flat Jumping Spider, *Holoplatys planissima* (Salticidae).
Long Legged Fly, *Austrosclaparus connexus* (Dolichopodidae).
Long Stigma Mayfly, *Cloeon* sp. (Baetidae).
Long-clawed Robber-fly, *Leptogaster tillyardi*? (Asilidae).
Long-headed Waterflea, *Daphnia longicephala* (Daphniidae).
Long-legged Crab Spider, *Sidymella longipes* (Thomisidae).
Long-legged Iridescent Fly, *Acropsilus* sp. (Dolichopodidae).
Long-tailed Bombyx, *Trichiocercus sparshalli* (Notodontidae).
Longman's Giant Earthworm, *Digaster longmani*? (Megascolecidae).
Lucanid Decay Borer Beetle, *Syndesus cornutus* (Lucanidae).
Lycid Mimic Pollen Beetle, *Pseudolychnus* sp. (Oedemeridae).
Mackay's Black Ant, *Camponotus mackayensis* (Formicidae).
Magenta-underwing Hepialid Moth, *Aenetus tegulatus* (Hepialidae).
Magnificent Bolas Spider, *Ordgarius magnificus* (Araneidae).
Magpie Moth, *Nyctemera baulus* (Arctiidae).
Malaysian Trumpet Snail, *Melanoidea tuberculata** (Thiaridae).

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Many-spotted Crab Spider, *Lehtinelagia multopunctata* (Thomisidae).
Marbled Hump-backed Beetle, *Trigonodera marmoratus* (Ripiphoridae).
March Fly, *Scaptia* sp. (Tabanidae).
Master's Landsnail, *Helicarion mastersi* (Helicarionidae).
Master's Miniature Treesnail, *Tornatellinops mastersi* (Achatinellidae).
Matilda snail, *Wilhelminaia mathildae* (Helicarionidae).
Meadow Argus Butterfly, *Junonia villida* (Nymphalidae).
Meadow Katydid, *Conocephalus upoluensis* (Tettigoniidae).
Meal Moth, *Pylalis farinalis* (Pylalidae).
Mealworm Beetle, *Tenebrio molitor**? (Tenebrionidae).
Mealybug, *Pseudococcus longispinus* (Pseudococcidae).
Mediterranean Cone Snail, *Prietocella barbara** (Hygromiidae).
Mesenteric Snout Moth, *Endotricha mesenterialis* (Pylalidae).
Metallic Golden-green Beetle, *Diphucephala spreta* (Scarabaeidae).
Metallic Green Rove Beetle, *Thyrecephalus chalcopertus* (Staphylinidae).
Metallic Moth, *Molybdurga metallophora* (Oecophoridae).
Metallic Shield Bug, *Scutiphora pedicellata* (Scutelleridae).
Metallic-blue Clerid Beetle, *Tarsostenus carus* (Cleridae).
Micro-silverfish, *Trinemura calcaripalpa*? (Nicoletiidae).
Midge Bloodworm, *Chironomus* sp. (Chironomidae).
Midget Spotted Wall Spider, *Oecobius navus* (Oecobiidae).
Mildura White-tailed Spider, *Lampona mildura* (Lamponidae).
Milky Termite, *Coptotermes lacteus* (Termitidae).
Millenium Bug, *Microvella millenium* (Velliidae).
Mimetic Gumleaf Grasshopper, *Goniaea opomaloides* (Acrididae).
Mini Blue-brown Centipede, *Henicops washpoolensis* (Henicopidae).
Misty Earthworm, *Aporrectodea caliginosa** (Lumbricidae).
Modest Striped Spider, *Clubiona modesta* (Clubionidae).
Monarch Butterfly, *Danaus plexippus* (Nymphalidae).
Moore's Tachinid Fly, *Zenargomyia moorei* (Tachinidae).
Mottled Brown Leafhopper, *Philagra parva* (Aphrophoridae).
Mottled Flower Scarab, *Protaetia fusca* (Scarabaeidae).
Mottled Grass Moth, *Polypoxyn polydectis* (Crambidae).
Mottled Grey-brown Leafhopper, *Ipo moorei* (Cicadellidae).
Mottled House Spider, *Parasteatoda tepidareorum*? (Theridiidae).
Mottled Lacewing, *Periclystus circuiter* (Myrmeleontidae).
Mottled Lichen Moth, *Phycomorpha prasinochroa* (Copromorphidae).
Mottled Scutigera, *Allothureua maculata* (Scutigeraeidae).

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Mottled Short-spined Watersnail, *Physa acuta* (Physidae).
Mottled Tufted Moth, *Alophosoma emmelopsis* (Erebidae).
Mountain Katydid, *Acripeza reticulata* (Tettigoniidae).
Murine White-tailed Spider, *Lampona murina* (Lamponidae).
Musgrave's Wolf Spider, *Tasmanicosa musgravei* (Lycosidae).
Narrow Brown Assassin Bug, *Pachygrontha robusta* (Pachygronthidae).
Narrow Crab Spider, *Synalus angustus* (Thomisidae).
Narrow-winged Plume Moth, *Stenoptilia zophodactylus* (Pterophoridae).
Native Drone Fly, *Eristalinus punctulatus* (Syrphidae).
Native Vinegar-fly, *Drosophila* sp. (Drosophilidae).
Needle Bug, *Ranatra dispar* (Nepidae).
New Holland Striped-snail, *Thersites novaehollandiae* (Camaenidae).
Newcomb's Watersnail, *Isidorella newcombi* (Planorbidae).
Noctuid Moth, *Fodina ostorius* (Erebidae).
No Stigma Brown Mayfly, *Cloeon tasmaniae* (Baetidae).
Nodosa Jumping Spider, *Adoxotoma nodosa* (Salticidae).
Obscure Nylanderia Ant, *Nylanderia obscura* (Formicidae).
Ocellated Red Velvet Mite, *Trombidium* sp. 2. (Trombidiidae).
Off-white Speckled Cleora, *Cleora displicata* (Geometridae).
One-spot Brown Leafhopper, *Cofana unimaculata* (Cicadellidae).
Onion Maggot Fly, *Delia platura** (Anthomyiidae).
Orange Dart Butterfly, *Suniana sunias* (Hesperiidae).
Orange Flash Harvestman, *Megalopsalis minimus* (Neopilionidae).
Orange Ichneumon Wasp, *Leptophion anici*? (Ichneumonidae).
Orange Jawed Bull Ant, *Myrmecia tarsata* (Formicidae).
Orange Ochre & Grey Spider, *Rebilus brooklana* (Trochanteriidae).
Orange Sea Anemone, *Actinia australiensis*? (Actiniidae).
Orange Spots & Stripes Moth, *Brunia replana* (Arctiidae).
Orange-belly Harvestman, *Nelima doriae* (Sclerosomatidae).
Orange-flash Harvestman, *Megalopsalis minimus*? (Neopilionidae).
Orange-headed Wasp Moth, *Amata annulata* (Arctiidae).
Orange-legged Black & White Wasp, Pompilinae sp. (Pompilidae).
Orange-spotted Ladybird, *Orcus australasiae* (Coccinellidae).
Orange-spotted Sea Slug, *Elysia* sp.1. (Plakobranchidae).
Orchard Swallowtail, *Papilio aegeus* (Papilionidae).
Orchid Snail, *Zonitoides arboreus** (Gastrodontidae).
Oriental Cuckoo, *Cuculus optatus* (Cuculidae).
Ornate Rock Lobster, *Panulirus ornatus* (Palinuridae).

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Ornate Wolf Spider, *Venatrix ornatula* (Lycosidae).
Overlapping Native Ramshorn Snail, *Helicorbis australiensis* (Planorbidae).
Pale Brown-cross Moth, *Crypsicharis enthetica*? (Oecophoridae).
Pale Christmas Beetle, *Anoplognathus pallidicollis* (Scarabaeidae).
Pale Ciliate-blue Butterfly, *Anthene lycaenoides* (Lycaenidae).
Pale Concealer Moth, *Xylorycta assimilis* (Oecophoridae).
Pale Money Spider, *Laetesia* sp. (Liniphiidae).
Pale Pea-blue Butterfly, *Catochrysops panormus* (Lycaenidae).
Pale Prostheclina Jumping Spider, *Prostheclina pallida* (Salticidae).
Pale-footed Black Ant, *Iridomyrmex mayri* (Formicidae).
Pale-hair Black Jumping Spider, *Clynotis albobarbatus* (Salticidae).
Pale-legged Striped Jumping Spider, *Helpis* sp. 1. (Salticidae).
Pale-spotted Hoverfly, *Simosyrphus grandicornis* (Syrphidae).
Pale-striped Millipede, *Isocladosoma maculatum* (Paradoxosomatidae).
Pallid Brown Ant, *Acropyga pallida* (Formicidae).
Palmate Mosquito, *Patmarksia palmarum* (Culicidae).
Pantry Moth, *Plodia interpunctella* (Pyralidae).
Paramecium, *Paramecium* sp. (Parameciidae).
Parasitic Microwasp, *Ismarus tibialis tibialis*? (Diapriidae).
Passionvine Hopper, *Scolypopa australis* (Ricaniidae).
Patchy Berosus Water Beetle, *Berosus involutus*? (Hydrophilidae).
Patterned Collector Moth, *Synemon collecta* (Castniidae).
Patterned Jumping Spider, *Opisthoncus parcedentatus* (Salticidae).
Patternless Damsel Bug, *Nabis kinbergii* (Nabidae).
Patternless Long-jawed Spider, *Tetragnatha valida* (Tetragnathidae).
Pepper Fly, *Euprosopia piperata* (Platystomatidae).
Personal Balta Cockroach, *Balta personata* (Ectobiidae).
Pinhead Spot Snail, *Posticobia brazier* (Hydrobiidae).
Pink Ground Pearl, *Eumargarodes laingi* (Margarodidae).
Pink Ribbon Worm, *Hubrechtella* sp. (Hubrechtidae).
Pink Slime Mould, *Lycogala epidendrum* (Tubiferaceae).
Pittosporum Leaf Beetle, *Lamprolina impressicollis* (Chrysomellidae).
Plague Soldier Beetle, *Chauliognathus lugubris* (Cantharidae).
Plain Golden Balta Cockroach, *Balta ventralis*? (Ectobiidae).
Plain Golden Moth, *Wingia hesperidella*? (Oecophoridae).
Plumbago Blue Butterfly, *Leptotes plinius pseudocassius* (Lycaenidae).
Poinciana Longicorn Beetle, *Agrianome spinicollis* (Cerambycidae).
Pointy Crab Spider, *Runcinia acuminata* (Thomisidae).

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Polychaete Worm, *Simplisetia turveyi*? Or *S. amphidonta*? (Nereididae).
Polyrhachis Ant Mimic, *Myrmarachne luctuosa* (Salticidae).
Pond-snail, *Lymnaea peregra* (Lymnaeidae).
Port Jackson Miniature Treesnail, *Tornatellinops jacksonensis* (Achatinellidae).
Potatoe Worm Wasp, *Apanteles subandinus**? (Braconidae).
Pouched Watersnail, *Glyptophysa novaehollandica* (Planorbidae).
Prickle Pinhead Snail, *Paralaoma caputspinulae* (Punctidae).
Pronged Epaulet Ant, *Notoncus ectatomoides* (Formicidae).
Pseudoscorpion, *Lamprochernes savignyi*? (Chernetidae).
Purple Barnacle, *Tetraclitella purpurascens*? (Tetraclitidae).
Purple Patch Snail, *Pommerhelix duralensis* (Camaenidae).
Queensland Fruitfly, *Bactrocera tryoni* (Tephritidae).
Rainbow's Dewdrop Spider, *Argyrodes rainbowi* (Theridiidae).
Red and Black Flower Wasp, *Diamma bicolor* (Tiphidae).
Red Dung Beetle, *Onthophagus rubicundulus* (Scarabaeidae).
Red Gecko Mite, *Geckobia* sp. (Pterygosomatidae).
Red House Spider, *Nesticodes rufipes* (Theridiidae).
Red Ochre Moth, *Endotricha pyrosalis* (Pyralidae).
Red Tented Hat Moth, *Fisera perplexata* (Geometridae).
Red Treeticker, *Birrima castanea* (Cicadidae).
Red Velvet Mite, *Trombidium* sp. 1. (Trombidiidae).
Red Weevil, *Rhinotia haemoptera* (Bellidae).
Red-clawed Marsh Crab, *Parasesarma erythrodactyla* (Sesarmidae).
Red-eyed Cicada, *Psaltoda moerens* (Cicadidae).
Red-eyed Tagalicus, *Leptocoris tagalicus* (Rhopalidae).
Red-headed Bug, *Noliphus erythrocephalus* (Alydidae).
Red-legged Centipede, *Ethmostigmus rubripes* (Scolopendridae).
Red-shouldered Leaf Beetle, *Monolepta australis* (Chrysomelidae).
Red-spotted Fanworm, *Bispira manicata*? (Sabellidae).
Red-spotted Jezebell, *Delias aganippe* (Pieridae).
Red-spotted Slender Crab Spider, *Cetratus rubropunctatus* (Thomisidae).
Red-triangle Slug, *Triboniophorus graeffei* (Athoracophoridae).
Red-veined Damselfly, *Xanthagrion erythroneurum* (Coenagrionidae).
Redback Spider, *Latrodectus hasseltii* (Theridiidae).
Reddish Nylanderia Ant, *Nylanderia rosae* (Formicidae).
Red-backed Twig Spider, *Miagrammopes* sp. (Uloboridae).
Rehn's Australian Cockroach, *Johnrehnia australiae* (Ectobiidae).
Reptile Tick, *Amblyomma limbatum* (Ixodidae).

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Reticulate Psocopteran, *Lepinotus reticulatus* (Trogidae).
Reticulate Yellow/Brown Leafhopper, *Ipoides hackeri* (Cicadellidae).
Reticulated Footman Moth, *Chiriphe dichotoma* (Arctiidae).
Ringed Dung Beetle, *Lepanus bidentatus* (Scarabaeidae).
Ribbed Wine-moth, *Oenochroma vetustaria* (Geometridae).
Rib-shelled Tubeworm, *Pomatoceros* sp. (Serpulidae).
River Copepod, *Boeckella fluvialis*? (Centropagidae).
Robyn Mae Tiny Ant, *Prionopelta robynmae* (Formicidae).
Rock Ringlet Butterfly, *Hypocysta euphemia* (Nymphalidae).
Ropey Huntsman Spider, *Beregama cordata* (Sparassidae).
Rough-backed Ant, *Rhytidoponera aspera* (Formicidae).
Rough Black-headed Ant, *Dolichoderus scabridus* (Formicidae).
Rough Brown Mantid, *Paraoxyphilus* sp. (Amorphoscelidae).
Rough-cell Mud Wasp, *Sceliphron laetum* (Sphecidae).
Round-headed Brown Ant, *Cryptopone rotundiceps* (Formicidae).
Royal Tigertail Dragonfly, *Parasynthemis regina* (Synthemistidae).
Rugose Brown Weevil, *Gagatophorus* sp. (Curculionidae).
Russet Mosquito, *Aedes quasirubithorax* (Culicidae).
Russet-lined Jumping Spider, *Cyrtaea plumbeiventris* (Salticidae).
Rutherglen Bug, *Nysius vinitor* (Lygaeidae).
Sac Spider, *Orthobula* sp. (Liocranidae): Spiny-legged.
Salvinia Weevil, *Cyrtobagous salviniae* (Curculionidae).
Sand Fly, *Culicoides subimmaculatus*? (Ceratopogonidae).
Saunders' Casemoth, *Metura elongatus* (Psychidae).
Saw-edged Clerid Beetle, *Scrobiger* sp. (Cleridae).
Scalloped Petiole Ant, *Polyrhachis femorata* (Formicidae).
Scaly Scorpion, *Cercophonius squama* (Bothriuridae).
Scarlet-slime Semi-slug, *Desidarium rubricus* (Helicarionidae).
Scorpion-tailed Spider, *Arachnura higginsii* (Araneidae).
Scribbly Gum Moth, *Ogmograptis* sp.? (Bucculatricidae).
Sculpted Trochanteriid Spider, *Trachycosmus sculptilis* (Trochanteriidae).
Shaggy Palps Mosquito, *Anopheles atratipes* (Culicidae).
Sharp's Water Beetle, *Chostonectes sharpi* (Dytiscidae).
Sheep Blow-fly, *Lucillia cuprina* (Calliphoridae).
Shining Cockroach, *Drymaplaneta communis* (Blattidae).
Shins Water Beetle, *Barrethydrus tibialis* (Dytiscidae).
Short-shinned Fly, *Amblypsilopus brevitibia* (Dolichopodidae).
Sigma Darner Dragonfly, *Austroaeschna sigma* (Telephlebiidae).

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Silent Leaf-runner, *Trigonidium vittaticollis* (Trigonidiidae).
Silver Orb Spider, *Leucauge granulata* (Tetragnathidae).
Silver Patterned Moth, *Anydraula glycerialis* (Crambidae).
Silver-headed Flesh-fly, *Metopia argyrocephala* (Tachinidae).
Silver-white Gellechiid Moth, *Dichomeris acuminatus* (Gelechiidae).
Silverfish, *Ctenolepisma longicauda* (Lepismatidae).
Silvery-white Heliocosma Moth, *Heliocosma argyroleuca* (Tortricidae).
Similar Bull Ant, *Myrmecia simillima* (Formicidae).
Six-spotted Jumping Spider, *Opisthoncus sexmaculatus* (Salticidae).
Six-white-spot Bug, *Dieuches notatus* (Rhyparochromidae).
Slender Misgolas Spider, *Misgolas gracilis* (Idiopidae).
Slender Sac Spider, *Cheiracanthium gracile* (Clubionidae).
Sloane Ground Beetle, *Notonomus atrodermis* (Carabidae).
Sludge Worm, *Lumbriculus variegatus* (Lumbriculidae).
Small Brown Lacewing, *Dictyochrysa peterseni* (Chrysopidae).
Small Daphnia, *Moina micrura* (Moinidae).
Small Emerald Moth, *Oenochroma infantilis* (Geometridae).
Small Flower Spider, *Boomerangia dimidiata* (Thomisidae).
Small Hive Beetle, *Aethina tumida** (Nitidulidae).
Small Powderpost Beetle, *Lyctus discedens* (Bostrichidae).
Small Round Orb-weaver, *Araneus rotundulus* (Araneidae).
Small Spiny Burrowing Bug, *Aethus parvulus* (Cydnidae).
Smokey Scorpion Spider, *Morebilus fumosus* (Trochanteriidae).
Smooth Black Ant, *Plagiolepis squamulosa*? (Formicidae).
Smooth Slater, *Porcellio laevis** (Porcellionidae).
Snail Parasite Blowfly, *Amenia imperialis* (Calliphoridae).
Social Huntsman Spider, *Delena cancerides* (Sparassidae).
Sombrero Spider, *Stiphidion facetum* (Stiphidiidae).
Southern Assassin Bug, *Gminatus australis* (Reduviidae).
Southern Burrowing Water-beetle, *Hydrocanthus australasiae* (Noteridae).
Southern Dung Beetle, *Onthophagus australis*? (Scarabaeidae).
Southern Ghost Moth, *Elhamma australasiae* (Hepialidae).
Southern Giant Darner, *Austrophlebia costalis* (Tettigoniidae).
Southern Gumleaf Grasshopper, *Goniaea australasiae* (Acrididae).
Southern Old-lady Moth, *Dasypodia selenophora* (Noctuidae).
Southern Ponerine Black Ant, *Mesoponera australis* (Formicidae).
Southern Scaritiniid Ground Beetle, *Clivina australasiae*? (Carabidae).
Southern Tiny Dung Beetle, *Lepanus australis* (Scarabaeidae).

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Sparganum Worm, *Spirometra* sp. (Diphyllbothriidae).
Speckled Pasta Moth, *Baioglossa anisopasta*? (Oecophoridae).
Speckled Brown Aquatic Flatworm, *Spathula* sp? 3. (DugesIIDae).
Speckled Cockroach, *Nauphoeta cinerea* (Blaberidae).
Speckled Leafhopper, *Salona panorpaepennis* (Tropiduchidae).
Speckled Line-blue Butterfly, *Catopyrops florinda* (Lycaenidae).
Speckled Silver-grey Gellechiid Moth, *Dichomeris capnites* (Gelechiidae).
Speckled Twig Spider, *Philoponella variabilis** (Urobolidae).
Speckled Waterboatman, *Agraptocorixa parvipunctata* (Corixidae).
Spectacled Monarch, *Symposiachrus trivirgatus* (Monarchidae).
Spectacular Crab Spider, *Thomisus spectabilis* (Thomisidae).
Spider Cricket, *Endotaria yelta* (Phalangopsidae).
Spiked Awlsnail, *Allopeas clavulinus** (Achatinellidae).
Spined Methana, *Methana parva* (Blattidae).
Spiny-legged Rove Beetle, *Anotylus lateralis* (Staphylinidae).
Spiny Toothless Pupasnail, *Pupisoma evada* (Pupillidae).
Splendid Wasp, *Abispa splendida* (Vespidae).
Spotted Black Spider, *Supunna funerea* (Corinnidae).
Spotted Chocolate Beetle, *Glyciphana brunnipes* (Scarabaeidae).
Spotted Dragonfly, *Adversaeschna brevistylis* (Aeschnidae).
Spotted Jumping Spider, *Opisthoncus polyphemus* (Salticidae).
Spotted Leaf Beetle, *Trachymela* sp. (Chrysomelidae).
Spotted Pale Jumping Spider, *Helpis* sp. 2. (Salticidae).
Spotted Palpita Moth, *Palpita unionalis*? (Crambidae).
Spotted Paropsine Beetle, *Paropsis maculata* (Chrysomelidae).
Spotted Red Velvet Mite, *Trombidium* sp. 3. (Trombidiidae).
Spotted Smooth Shore Crab, *Paragrapsus laevis* (Varunidae).
Spotted Water Beetle, *Enochrus maculiceps* (Hydrophilidae).
Spotted Wattle Cicada, *Galanga labeculata* (Cicadidae).
Springtail, *Symphypleona*? (Bourletiellidae).
Spur-throated Locust, *Austracris guttulosa* (Acrididae).
Squirt Worm, *Simplisetia aequisetis* (Nereididae).
St Andrews Cross Spider, *Argiope keyserlingi* (Araneidae).
Staghorn Beetle, *Agasicles hygrophila* (Chrysomelidae).
Steely Ant, *Rhytidoponera chalybaea* (Formicidae).
Stiletto Fly, *Acraspisoides monticola*? (Therevidae).
Stink Ground Beetle, *Notonomus truncatus* (Carabidae).
Stout Sac Spider, *Clubiona robusta* (Clubionidae).

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Strange's Pupasnail, *Gastrocopta strangei* (Helicarionidae).
Stretched Jumping Spider, *Copocrossa tenuilineata* (Salticidae).
Striped and Spotted Moth, *Phenacomorpha* sp. (Arctiidae).
Striped Dew-drop Spider, *Theridion pyramidale* (Theridiidae).
Striped Field Slug, *Lehmannia nyctelia** (Limacidae).
Striped Forest Leech, *Chtonobdella limbata* (Domanibdellidae).
Striped Gelechiid Moth, *Ardozyga chionoprora* (Gelechiidae).
Striped Golden Moth, *Cryptophasa flavolineata* (Oecophoridae).
Striped Horsefly, *Tabanus australicus*? (Tabanidae).
Striped Larinia Spider, *Larinia phthisica*? (Araneidae).
Striped Millipede, *Ommatoiulus moreleti** (Julidae).
Striped Saitis Jumping Spider, *Saitis virgatus* (Salticidae).
Striped Somethus Millipede, *Somethus* sp. 1. (Paradoxosomatidae).
Subterranean Termite, *Coptotermes acinaciformis* (Termitidae).
Sugar Ant, *Camponotus consobrinus* (Formicidae).
Sugarcane Bee, *Tetragonula carbonaria* (Apidae).
Surf Barnacle, *Catomerus polymerus* (Catophragmidae).
Swordgrass Brown Butterfly, *Tisiphone abeona* (Nymphalidae).
Sydney Beetle, *Onthophagus sydneyensis* (Scarabaeidae).
Sydney Bristle Snail, *Austrochloritis sydneyensis* (Camaenidae).
Sydney Carnivorous Snail, *Vitellidelos dulcis* (Rhytididae).
Sydney Crayfish, *Euastacus spinifer* (Parastacidae).
Sydney Midge, *Acracantha sydneyensis*? (Tipulidae).
Sydney Mountain Darner Dragonfly, *Austroaeschna obscura* (Telephlebiidae).
Tambourine Mountain Mono-ant, *Monomorium tambourinense* (Formicidae).
Tan Christmas Beetle, *Anoplognathus montanus* (Scarabaeidae).
Target Moth, *Hoplomorpha abalienella* (Oecophoridae).
Tasmanian Lacewing, *Micromus tasmaniae* (Hemerobiidae).
Tau Emerald Dragonfly, *Hemicordulia tau* (Corduliidae).
Teddybear Bee, *Amegilla bombiformis* (Apidae).
Ten-spot Leafhopper, *Platybrachys decemmaculatus* (Eurybrachidae).
Terrestrial Amphipod, *Arcitalitrus sylvaticus*? (Talitridae).
Terrestrial Spider, *Storenosoma terraneum* (Amaurobiidae).
Thin-footed Fly, *Leptotarsus pseudotortilis* (Tipulidae).
Thirty-two Spotted Katydid, *Ephippitytha trigintiduoguttata* (Phalangopsidae).
Thread-worm, *Strongyloides stercoralis* (Strongyloididae).
Three-lobed Cyclosa Spider, *Cyclosa trilobata* (Araneidae).

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Three-spot Rove Beetle, *Creophilus erythrocephalus* (Staphylinidae).
Three-striped Lecithoceriid Moth, *Crocantbes chordotona* (Lecithoceridae).
Three-striped Schalidota Moth, *Prepocosma schalidota* (Oecophoridae).
Three-yellow-spotted Wasp, *Amphylaeus nubillosellus* (Colletidae).
Tick-mimicking Crab Spider, *Tharpyna munda* (Thomisidae).
Tiger Moth, *Argina astraea* (Arctiidae).
Timor Caves Pinhead Snail, *Pseudiotula euryana* (Charopidae).
Tiny Copepod, *Boeckella minuta* (Centropagidae).
Tiny Iotula Snail, *Iotula microcosmos* (Punctidae).
Tiny Jewel Beetle, *Germarica liliputana* (Buprestidae).
Tiny Pale Brown Cockroach, *Ectoneura pallidula* (Ectobiidae).
Tiny Staphylinid Beetle, *Anotylus pusillimus* (Staphylinidae).
Tiny Yellow Ant, *Paraparatrechnia minutula* (Formicidae).
Titan Stick Insect, *Acrophylla titan* (Phasmatidae).
Tobacco Looper Moth, *Chrysodeixis argentifera* (Noctuidae).
Tomato Thrips, *Frankliniella schultzei* (Thripidae).
Torpedo Bug, *Siphanta acuta* (Flatidae).
Tortoiseshell Ladybird, *Harmonia testudinaria* (Coccinellidae).
Tower Case Moth, *Lepidoscia arctiella* (Psychidae).
Translucent Brown Soil Mite, *Neoseiulus fallacis*? (Phytoseiidae).
Translucent Planarian, *Dugesia* sp. (Dugesidae).
Translucent Scarab Beetle, *Amphistomus speculifer* (Scarabaeidae).
Transverse Ladybird, *Coccinella transversalis* (Coccinellidae).
Trapezoid Crab Spider, *Sidymella trapezia* (Thomisidae).
Triangles Moth, *Agamana conjungens* (Noctuidae).
Triangles Moth, *Chaetolopha* sp. (Geometridae).
Tridentate Brown-striped Moth, *Leptocroca sanguinolentis* (Oecophoridae).
Triple Zig-zag Moth, *Mormoscopa phricozona* (Noctuidae).
Tubercular Beetle, *Philoscaphus tuberculatus* (Carabidae).
Tubercular Orb-weaver Spider, *Acroaspis tuberculifera* (Araneidae).
Tubificid Worm, *Branchiura sowerbyi*? (Tubificidae).
Tubular Grey Moth, *Heteromicta pachytera*? (Pyrallidae).
Turban Toothless Pupasnail, *Pupisoma microturbinata* (Pupillidae).
Turner's Assassin Bug, *Polycentrocoris turneri* (Reduviidae).
Turret-backed Spider, *Dolophones turrigera* (Araneidae).
Turtle-back Spider, *Dolophones conifera* (Araneidae).
Turtle Waterboatman, *Naucoris congrex* (Naucoridae).
Twentyeight Spot Ladybird, *Epilachna vigintioctopunctata* (Coccinellidae).



Variegated Carpet Beetle
Photo T. Annable

Twig Spider, *Miagrammopes bradleyi* (Uloboridae).
Two-tone Nectar Scarab Beetle, *Phyllotocus macleayi* (Scarabaeidae).
Two White Spot Owlet Moth, *Proteuxoa bistrigula* (Noctuidae).
Two-colour Ainaria Moth, *Dichromodes ainaria* (Geometridae).
Two-spotted Gum Tree Shield Bug, *Poecilometis parilis* (Pentatomidae).
Two-spotted Sandalodes Jumping Spider, *Sandalodes scopifer* (Salticidae).
Two-spotted Spider-mite, *Tetranychus urticae* (Tetranychidae).
Two-striped Crab Spider, *Xysticus bimaculatus* (Thomisidae).
Two-tailed Spider, *Tamopsis novaehollandiae* (Hersiliidae).
Two-yellow-spots Ladybird, *Diomus ementior* (Coccinellidae).
Ulysses Butterfly, *Papilio ulysses* (Papilionidae).
Variable Bush Cockroach, *Ellipsidion humerale* (Ectobiidae).
Variegated Carpet Beetle, *Anthrenus museorum* (Dermestidae).
Variegated Hawk Moth, *Acosmeryx miskini*? (Sphingidae).
Variegated Ladybird, *Hippodamia variegata* (Coccinellidae).
Vase-cell Mud Wasp, *Sceliphron formosum* (Sphecidae).
Velvet Pond-snail, *Austropeplea tomentosa* (Lymnaeidae).
Volcano Slime Mould, *Fonticula flava*? (Nucleariidae).
Walker's Termite, *Nasutitermes walkeri* (Termitidae).
Wandering Ringtailed Damselfly, *Austrolestes leda* (Dolichopodidae).
Wasp Vinegar-fly, *Drosophila flavohirta* (Drosophilidae).
Wasp-mimic Swift Spider, *Nyssus coloripes* (Corinnidae).
Water Beetle, *Cybister tripunctata* (Dytiscidae).
Waterboatman, *Sigara tadeuszi* (Corixidae).
Water-lettuce Weevil, *Neohydronomus affinis** (Brachyceridae).
Water Scorpion, *Laccotrephes tristis* (Nepidae).
Wattle Moth, *Neola semiaurata* (Notodontidae).
Wavy Pattern Spider, *Argiope bullocki* (Araneidae).
Weakly Toothed Pupasnail, *Gastrocopta pediculus* (Helicarionidae).
Western Grass Orb-weaver Spider, *Plebs cyphoxis* (Araneidae).
Whiplash Rove Beetle, *Paederus cruenticollis* (Staphylinidae).
White and Orange-spotted Sea Slug, *Elysia* sp. 2. (Plakobranchidae).
White Antenna Fringeless Moth-fly, *Clogmia*? sp. (Psychodidae).

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White Aquatic Flatworm, *Spathula* sp? 4. (DugesIIDae).
White Cedar Moth, *Leptocneria reducta* (Lymantriidae).
White Epicoma Moth, *Epicoma argentata* (Notodontidae).
White Fly, *Bemisia tabaci* (Aleyrodidae).
White House Spider, *Cryptachaea gigantipes* (Theridiidae).
White Leaf-miner Moth, *Phyllocnistis* sp. (Gracillariidae).
White Leafhopper, *Cofana spectra* Cicadellidae).
White Lichen Moth, *Eilema plana* (Arctiidae).
White Nipple Scale, *Aonidiella aurantii* (Diaspididae)
White Plume Moth, *Imbophorus aptalis* (Pterophoridae).
White Rose Scale, *Aulacaspis rosae* (Diaspididae).
White Rush Moth, *Tipanaea patulella* (Crambidae).
White Stigma Lacewing, *Myrmeleon pictifrons* (Myrmeleontidae).
White-footed Crane fly, *Dolichopeza niveitarsis* (Tipulidae).
White-fringed Weevil, *Naupactus leucoloma* (Curculionidae).
White-garland Jumping Spider, *Hypoblemum albovittatum* (Salticidae).
White-pointer Fly, *Spathulina acroleuca* (Tephritidae).
White-shouldered Flatworm, *Convoluta* sp. (Convolutidae), see Family comment.
White-spotted Black Spider, *Habronestes wilkiei*? (Zodariidae).
White-spotted Jewel Beetle, *Diphucrania leucosticta* (Buprestidae).
White-spotted Swift Spider, *Nyssus albopunctata* (Corrinidae).
White-stripe and Dots Marbled Moth, *Epopsima fasciolatus* (Noctuidae).
White-striped Black Flatworm, *Caenoplana coerulea* (Geoplanidae).
White-striped Millipede, *Pogonosternum nigrovirgatum* (Paradoxostomatidae).
White-striped Ocrisiana Jumping Spider, *Ocrisiana leucocomis* (Salticidae).
White-tipped Long-spinneret Spider, *Molycrisa smithae* (Prodidomidae).
White-tufted Jumping Spider, *Ocrisiana leucocomis* (Salticidae).
Winter Crane fly, *Dolichopeza tyilye* (Tipulidae).
Wood Beetle, *Sarticus coradgeri* (Carabidae).
Wood Gnat, *Sylvicola dubius*? (Anisopodidae).
Wooly Tent-web Spider, *Cyrtophora hirta* (Araneidae).
Xerodes Plume Moth, *Stangeia xerodes* (Pterophoridae).
Yabbie, *Cherax destructor* (Parastacidae).
Yam Hawk Moth, *Theretra nesus* (Sphingidae).
Yellow-horned Clerid Beetle, *Trogodendron fasciculatus* (Cleridae).
Yellow Jumping Spider, *Cytaea* sp.? (Salticidae).
Yellow on Black Ladybird Spider, *Theridula gonygaster* (Theridiidae).
Yellow Patch Ant, *Polyrhachis maculata* (Formicidae).

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Yellow Slime Mould, *Fuligo septica* (Physaraceae).
Yellow Winged Orb-weaver Spider, *Araneus albotriangulus* (Araneidae).
Yellow Y Watermite, *Aspidiobates geometricus* (Hygrobatidae).
Yellow-bellied Crab Spider, *Zygometis xanthogaster* (Thomisidae).
Yellow-brown Freshwater Clam, *Corbicula australis* (Corbiculidae).
Yellow-headed White Lichen Moth, *Laelia obsoleta* (Lymantriidae).
Yellow-shinned Robber Fly, *Ommatius coeraebus* (Asilidae).
Yellow-shouldered Ladybird, *Apolinus lividigaster* (Coccinellidae).
Yellow-striped Moth, *Chiriphe equidistans* (Arctidae).
Yellow-tail Litter Runner Cockroach, *Platyzosteria melanaria* (Blattidae).
Zig-zag Bag-moth, *Ebbepterote expansa* (Eupterotidae).

Insecta (Insects)

There are 582 insect species listed including at least 13 introduced species. Insects generally have six legs and often have wings. Several species were recorded for the first time from this area or from NSW. This list is far from complete but many additional species could not be identified because of inadequate keys or because many species are still awaiting scientific description.

Abantiades labyrinthicus (Hepialidae): Labyrinthine Swift Moth. Babers Rd N.
Abhamma australasiae (Hepialidae): Southern Hepialid Moth. Cooranbong.
Abispa splendida (Vespidae): Splendid Wasp. Avondale CHE.
Acheta domestica? * (Gryllidae): Brown House Cricket. Avondale CHE; Babers Rd N.
Achroia grisella (Pylalidae): Lesser Wax Moth. Avondale CHE.
Acontia nivipicta (Noctuidae): Bird-dropping Moth. Babers Rd N.
Acosmeryx miskini? (Sphingidae): Variegated Hawk Moth. Babers Rd N.
Acracantha sydneyensis? (Tipulidae): Sydney Midge. Babers Rd N.
Acraspisoides monticola? (Therevidae): Stiletto Fly. Babers Rd N.
Acrida conica (Acrididae): Giant Green Slant-face Grasshopper. Cooranbong Pk.
Acripeza reticulata (Tettigoniidae): Mountain Katydid. One-tree Hill.
Acroceuthes metaxanthana (Tortricidae): Dog-faced Moth. Babers Rd N.
Acrophylla titan (Phasmatidae): Titan Stick Insect. Beauty Point Rd.
Acropsilus sp. (Dolichopodidae): Long-legged Iridescent Fly. Babers Rd N; Turrumurra.
Acropyga pallida (Formicidae): Pallid Brown Ant. Sauls Rd; Walls Lane.

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Acyrtosiphon pisum? (Aphididae): Greenfly. Babers Rd N.
Adrisa erichsoni (Cydnidae): Glossy-black Root Bug. Avondale CHE.
Adversaeschna brevistylis (Aeschnidae): Spotted Dragonfly. Walls Lane.
Aedes alboannulatus (Culicidae): Banded Mosquito. Babers Rd N.
Aedes alternans (Culicidae): Giant Grey Mosquito. Babers Rd N.
Aedes notscriptus (Culicidae): Striped Mosquito. Cooranbong.
Aedes palmarum (Culicidae): Palm Mosquito. Cooranbong.
Aedes quasirubithorax (Culicidae): Russet Mosquito. Babers Rd N.
Aenetus tegulatus (Hepialidae): Magenta-underwing Hepialid Moth. Babers Rd N.
Aeolostoma scutiferana (Aeolosomatidae): Lizard-poo Moth. Babers Rd N.
*Aethina tumida** (Nitidulidae): Small Hive Beetle. Babers Rd N.
Afranthidium repetitum? * (Apidae): Carder Bee. Babers Rd N.
Agamana conjungens (Noctuidae): Triangles Moth. Babers Rd N.
Agarista agricola (Noctuidae): Joseph's Coat Moth. Babers Rd N.
Agasicles hygrophila (Chrysomelidae): Staghorn Beetle. Walls Lane.
Agraptocorixa parvipunctata (Corixidae): Speckled Waterboatman. Cooranbong Park.
Agrianome spinicollis (Cerambycidae): Poinciana Longicorn Beetle. Avondale CHE.
Agrioglypta excelsalis? (Crambidae): Fig Moth. Babers Rd N.
Agrius convolvuli (Sphingidae): Convolvulus Hawk Moth. Walls Lane.
Agrotis infusa (Noctuidae): Bogong Moth. Avondale CHE; Babers Rd N.
Aleeta curvicosta (Cicadidae): Floury Baker Cicada. Babers Rd N.
Aloa marginata (Arctiidae): Donovan's Tiger Moth. Babers Rd N.
Amata annulata (Arctiidae): Orange-headed Wasp Moth. Babers Rd N.
Amata nigriceps (Arctiidae): Black-headed Wasp Moth. Dora Ck delta.
Amblypsilopus brevitibia (Dolichopodidae): Short-shinned Fly. Walls Lane.
Amegilla bombiformis (Apidae): Teddybear Bee. Babers Rd N.
Amegilla cingulata (Apidae): Blue-banded Bee. Avondale CHE; Babers Rd N.
Amenia imperialis (Calliphoridae): Snail Parasite Blowfly. Babers Rd N.
Amphistomus speculifer (Scarabaeidae): Translucent Scarab Beetle. Walls Lane.
Amphylaeus nubillosellus (Colletidae): Three-yellow-spotted Wasp. Babers Rd N.
Anopheles annulipes (Culicidae): Inverse ring-legged Mosquito. Babers Rd N.
Anopheles atratipes (Culicidae): Shaggy Palps Mosquito. Babers Rd N.
Anoplognathus chloropyrus (Scarabaeidae): Green Christmas Beetle. Avondale CHE.
Anoplognathus montanus (Scarabaeidae): Tan Christmas Beetle. Babers Rd N.
Anoplognathus pallidicollis (Scarabaeidae): Pale Christmas Beetle. Babers Rd N.
Anoplognathus porosus (Scarabaeidae): Common Christmas Beetle. Babers Rd N.
Anoplognathus viridiaeneus (Scarabaeidae): King Christmas Beetle. Babers Rd N.
Anotylus lateralis (Staphylinidae): Lateral Rove Beetle, Freemans Waterhole.

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- Anotylus pusillimus* (Staphylinidae): Tiny Rove Beetle. Babers Rd N.
Anthela acuta? (Anthelidae): Common Anthelid Moth. Babers Rd N.
Anthela excellens (Anthelidae): Dead-leaf Moth. Babers Rd N.
Anthela ocellata (Anthelidae): Eyespot Anthelid Moth. Babers Rd N.
Anthela phaeodesma (Anthelidae): Beige Leaf Moth. Babers Rd N.
Anthobosca sp.? (Tiphidae): Black Flower Wasp. Babers Rd N; Deaves Rd.
Anthene lycaenoides godeffroyi (Lycaenidae): Pale Ciliated Blue Butterfly. Babers Rd N; Deaves Rd.
Anthrenus museorum (Dermestidae): Variegated Carpet Beetle. Babers Rd N; Bellbird Cl.
Anydraula glycerialis (Crambidae): Silver Patterned Moth. Babers Rd N.
Aonidiella aurantii (Diaspididae): White Nipple Scale. Babers Rd N.
*Apanteles subandinus**? (Braconidae): Potatoe Worm Wasp. Babers Rd N.
Aphis craccivora (Aphididae): Cowpea Aphid. Avondale CHE.
Aphis nerii (Aphididae): Oleander Aphid. Avondale CHE.
Aphthona sp.? (Chrysomelidae): Brown Flea Beetle. Babers Rd N.
*Apis mellifera** (Apidae): Honey Bee. Babers Rd N.
Apolinus lividigaster (Coccinellidae): Yellow-shouldered Ladybird. Babers Rd N.
Aquarius antigone (Gerridae): Large Waterskater. Dora Ck.
Ardozyga chionoprora (Gelechiidae): Striped Gelechiid Moth. Babers Rd N.
Ardozyga hemichlaena (Gelechiidae): Double-patched Gelechiid Moth. Babers Rd N.
Argina astraea (Arctiidae): Tiger Moth. Babers Rd N.
Atalophlebia australasica (Leptophlebiidae): Dense-filament Mayfly. Owens Rd.
Atriplectides dubius (Atriplectididae): Dubious Caddisfly. Babers Rd N.
Atyphella lychnus? (Lampyridae): Blue Mountain Firefly. Alton Rd; Brown's Falls.
Augenotus aurantius (Elateridae): Gold-spot Click Beetle. Avondale BW.
Aulacaspis rosae (Diaspididae): White Rose Scale. Babers Rd N.
Austalis copiosa (Syrphidae): Green Hoverfly. Babers Rd N.
Austracris guttulosa (Acrididae): Spur-throated Locust. Babers Rd N.
Austroaeschna sigma (Telephlebiidae): Sigma Darner Dragonfly. Cooranbong.
Austroaeschna obscura (Telephlebiidae): Sydney Mountain Darner Dragonfly. ?
Austroargiolestes icteromelas nigrolabiatus (Megapodagrionidae): Black-lipped Damselfly.
Dora St; Cooranbong.
Austrocordulia refracta (Austrocorduliidae): Eastern Hawk Dragonfly. Cooranbong.
Austrogomphus ochraceus (Gomphidae): Jade Hunter Dragonfly. Babers Rd N.
Austroicetes vulgaris (Curculionidae): Green & Brown Grasshopper. Scribbly Gum Reserve.
Austrolestes leda (Dolichopodidae): Wandering Ringtailed Damselfly. Watagan Pk Est; Brisbane Botanical Gardens.
Austrophlebia costalis (Tettigoniidae): Southern Giant Darner. Cooranbong.
Austrophlugis malidupa (Acrididae): Diurnal Predatory Katydid. Cooranbong Pk.

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Austroplatypus incompertus (Lestidae): Horizontal Borer. Watagan Forest Rd.
Austrosciapus connexus (Dolichopodidae): Long Legged Fly. Babers Rd N.
Bactrocera tryoni (Tephritidae): Queensland Fruitfly. Babers Rd N.
Baeoglossa anisopasta? (Oecophoridae): Speckled Pasta Moth. Babers Rd N.
Baetis sp. 1. (Baetidae): Green Mayfly. Babers Rd N.
Baetis sp. 2. (Baetidae): Brown Mayfly. Babers Rd N.
Balta bicolor (Ectobiidae): Bicoloured Balta Cockroach. Babers Rd N.
Balta personata (Ectobiidae): Personal Balta Cockroach. Babers Rd N.
Balta ventralis? (Ectobiidae): Plain Golden Balta Cockroach. Babers Rd N.
Barrethydrus tibialis (Dytiscidae): Shins Water Beetle. Watagan Forest.
Belenois java teutonia (Pieridae): Caper White Butterfly. Babers Rd N.
Bemisia tabaci (Aleyrodidae): White Fly. Babers Rd N.
Berosus involutus? (Hydrophilidae): Patchy Berosus Water Beetle. Barrington River; Watagan Forest creeks.
Birrima castanea (Cicadidae): Red Treeticker. Babers Rd N.
Brachyrhynchus australis (Aradidae): Black-headed Flat Bug. Dora Ck delta.
Brunia replana (Arctiidae): Orange Spots & Stripes Moth. Babers Rd N.
Brunotartessus fulvus (Cicadellidae): Green Leafhopper. Babers Rd N.
Bucolellus punctipennis (Coccinellidae): Glossy Black Ladybird. Babers Rd N.
Bucolus cirrhosis (Coccinellidae): Hairy Black & Orange Ladybird. Babers Rd N.
Bucolus fourneti (Coccinellidae): Glossy Iridescent Ladybird. Babers Rd N.
Caedicia simplex (Tettigoniidae): Common Garden Katydid. Babers Rd N.
Calliphora vomitoria (Dolichopodidae): Bluebottle Fly. Babers Rd N.
Calolampra irrorata? (Blaberidae): Bush Cockroach. Babers Rd N.
Camponotus consobrinus (Formicidae): Sugar Ant. Scribbly Gum Reserve?
Camponotus humilior (Formicidae): Brown Field Ant. Dora Ck.
Camponotus mackayensis (Formicidae): Mackay's Black Ant. Wharf St.
Camponotus nigriceps (Formicidae): Black-headed Sugar Ant. Morisset IA.
Catochrysops panormus (Lycaenidae): Spotted Blue Butterfly. Babers Rd N.
Cephonodes hylas (Sphingidae): Coffee-bee Hawkmoth. Martinsville; Watagan Forest.
Ceroplastes sinensis (Coccidae): Hard Wax Scale. Babers Rd N.
Chaetolopha sp. (Geometridae): Triangles Moth. Babers Rd N.
Chauliognathus lugubris (Cantharidae): Plague Soldier Beetle. Avondale CHE; Babers Rd N.
Cheumatopsyche sp? (Hydropsychidae): Grey Caddis-fly. Babers Rd N.
Chiriphe dichotoma (Arctiidae): Reticulated Footman Moth. Babers Rd N.
Chiriphe equidistans (Arctidae): Yellow-striped Mot. Babers Rd N.
Chiriphe tetramita (Arctidae): Black-spotted Yellow Moth. Babers Rd N.
Chironomus australis? (Chironomidae): Southern Non-biting Midge. Babers Rd N.

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Chondropyga dorsalis (Scarabaeidae): Cowboy Beetle. Babers Rd N.
Choreutis ophiosema (Choreutidae): Golden Metalmark Moth. Babers Rd N.
Chortoicetes terminifera (Acrididae): Australian Plague Locust. Babers Rd N.
Chostonectes sharpi (Dytiscidae): Sharp's Water Beetle. Watagan Forest.
Chryschloroma megaloptera (Geometridae): Green Leaf Moth. Babers Rd N.
Chrysodeixis argentifera (Noctuidae): Tobacco Looper Moth. Babers Rd N.
Chrysodeixis eriosoma (Noctuidae): Green Looper Moth. Babers Rd N.
Chrysolopus spectabilis (Curculionidae): Botany Bay Weevil. Babers Rd N.
Chromatomyia syngenesiae (Agromyzidae): Leaf-miner Fly. Freemans Waterhole.
Chrysoperla carnea (Chrysopidae): Green Lacewing. Babers Rd N.
Cleora displicata (Geometridae): Off-white Speckled Cleora. Babers Rd N.
Cletus similis (Coreidae): Plain Similis Bug. Babers Rd N.
Clivina australasiae? (Carabidae): Southern Scaritiniid Ground Beetle. Babers Rd N.
Cloeon sp. (Baetidae): Little Green Mayfly. Babers Rd N.
Clogmia? sp. (Psychodidae): White Antenna Fringeless Moth-fly. Babers Rd N.
Coccinella transversalis (Coccinellidae): Transverse Ladybird. Babers Rd N.
Coccus pseudomagnoliarum (Coccidae): Citricola Scale. Babers Rd N.
Coelophora inaequalis (Coccinellidae): Common Australian Lady-beetle. Babers Rd N.
Coequosa australasiae (Sphingidae): Double-headed Moth. Beauty Point Rd E.
Cofana spectra (Cicadellidae): White Leafhopper. Babers Rd N.
Cofana unimaculata (Cicadellidae): One-spot Brown Leafhopper. Babers Rd N.
Conocephalus semivittatus (Tettigoniidae): Common Field Katydid. ?
Conocephalus upoluensis (Tettigoniidae): Meadow Katydid. Avondale CHE.
Coptotermes acinaciformis (Termitidae): Subterranean Termite. Cooranbong.
Coptotermes lacteus (Termitidae): Milky Termite. Old Maitland Rd; Watagan Forest.
Coryphistes ruricola (Acrididae): Bark-mimicking Grasshopper. Pioneer Cemetery.
Cosmodes elegans (Noctuidae): Green Blotched Moth. Babers Rd N.
Crematogaster laeviceps (Formicidae): Glossy-black Valentine Ant. Babers Rd N.
Creontiades dilutus (Miridae): Green Mirid Bug. Babers Rd N.
Creophilus erythrocephalus (Staphylinidae): Three-spot Rove Beetle. Avondale CHE.
Crocantbes chordotona (Lecithoceridae): Three-striped Lecithoceriid Moth. Babers Rd N.
Crocantbes micradelpha (Lecithoceridae): Half-brown Lecithocerid Moth. Babers Rd N.
Crocothemis nigrifrons (Libellulidae): Black-headed Skimmer Dragonfly. Watagan Pk Est.
Crypsicharis enthetica? (Oecophoridae): Pale Brown-cross Moth. Babers Rd N.
Cryptophasa flavolineata (Oecophoridae): Striped Golden Moth. Babers Rd N.
Cryptopone rotundiceps (Formicidae): Round-headed Brown Ant. Babers Rd N; Martinsville.
Cryptoptila immersana (Tortricidae): Four-eyed Moth. Cooranbong Pk.
Ctenolepisma longicauda (Lepismatidae): Silverfish. Avondale CHE; Babers Rd N.

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- Cuculus saturatus* (Cuculidae): Himalayan Cuckoo. Matthews Valley Rd.
Cuculus optatus (Cuculidae): Oriental Cuckoo. Avondale CHE.
Culex quinquefasciatus (Culicidae): Brown House Mosquito. Babers Rd N.
Culicoides subimmaculatus? (Ceratopogonidae): Sand Fly. Avondale BW; GW.
Cybister tripunctata (Dytiscidae): Water Beetle. Babers Rd N.
Cyclochila australasiae (Cicadidae): Greengrocer Cicada. Avondale CHE.
Cyrtobagous salviniae (Curculionidae): Salvinia Weevil. Watagan Pk Est.
Danaus plexippus (Nymphalidae): Monarch Butterfly. Glendale.
Dasybasis spp. (Tabanidae): Horseflies (many species). Babers Rd N.
Dasypodia selenophora (Noctuidae): Southern Old-lady Moth. Babers Rd N.
*Delia platura** (Anthomyiidae): Onion Maggot Fly. Babers Rd N.
Delias aganippe (Pieridae): Red-spotted Jezebell. Babers Rd N.
Delias nigrina (Pieridae): Common Jezebell. Avondale CHE; Babers Rd N.
Deltophora peltosema? (Gelechiidae): Brown-marbled Gelechiid Moth. Babers Rd N.
Diamma bicolor (Tiphidae): Red and Black Flower Wasp. Babers Rd N.
Dichomeris acuminatus (Gelechiidae): Silver-white Gellechiid. Babers Rd N.
Dichomeris capnites (Gelechiidae): Speckled Silver-grey Gellechiid. Babers Rd N.
Dichromodes ainaria (Geometridae): Two-colour Ainaria Moth. Babers Rd N.
Dictyochrysa peterseni (Chrysopidae): Small Brown Lacewing. Babers Rd N.
Dieuches notatus (Rhyparochromidae): Six-white-spot Bug North Turrumurra.
Diomus ementior (Coccinellidae): Two-yellow-spots Ladybird. Babers Rd N.
Diomus notescens (Coccinellidae): Comma-spotted Ladybird. Babers Rd N.
Diphucephala spreta (Scarabaeidae): Metallic Golden-green Beetle. Babers Rd N.
Diplonychus eques (Belostomatidae): Gold-spot Water Bug. Babers Rd N.
Dilophus tarsus (Bibionidae): Bog-eyed Iridescent Fly. Babers Rd N.
Dirioxa pornia (Tephritidae): Island Fruitfly. Babers Rd N.
Dolichoderus scabridus (Formicidae): Rough Black-headed Ant. Crooks Rd; Mandalong.
Dolichopeza asymmetrica (Tipulidae): Asymmetrical Crane-fly. Watagan National Park.
Dolichopeza dorrigenensis (Tipulidae): Dorrigo Crane-fly. Martinsville NW.
Dolichopeza niveitarsis (Tipulidae): White-footed Crane-fly. Martinsville.
Dolichopeza tyilye (Tipulidae): Winter Crane-fly. Watagan National Park.
Dolichopeza zenta (Tipulidae): Crescent Crane-fly. Watagan National Park.
Drosophila flavohirta (Drosophilidae): Wasp Vinegar-fly. Babers Rd N; Bellbird Cl.
*Drosophila melanogaster** (Drosophilidae): Common Vinegar-fly. Avondale CHE; Babers Rd N; Bellbird Cl.
Drosophila sp. (Drosophilidae): Native Vinegar-fly. Babers Rd N.
Doratifera pinguis (Limaecodidae): Painted Cup-moth. Bellbird Cl.
Drymaplaneta communis (Blattidae): Shining Cockroach. Avondale CHE; Babers Rd N; Bellbird Cl.

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Ebbepterote expansa (Eupterotidae): Zig-zag Bag-moth. Babers Rd N.
Ectoneura minima (Ectobiidae): Brown-striped Cockroach. Babers Rd N.
Ectoneura pallidula (Ectobiidae): Tiny Pale Brown Cockroach. Babers Rd N.
Ectropis bispinaria (Geometridae): Bark Looper Moth. Babers Rd N.
Eilema plana (Arctiidae): White Lichen Moth. Babers Rd N.
Eisenia fetida (Lumbricidae): Tiger Worm. Morisset IA.
Elhamma australasiae (Hepialidae): Southern Ghost Moth. Babers Rd N.
Ellipsidion austral (Ectobiidae): Austral Ellipsidion. Babers Rd N.
Ellipsidion humerale (Ectobiidae): Variable Bush Cockroach. Babers Rd N.
Endotaria yelta (Phalangopsidae): Spider Cricket. Avondale CHE; Babers Rd N.
Endotricha ignealis (Pyralidae): Flame Snout Moth. Babers Rd N.
Endotricha mesenterialis (Pyralidae): Mesenteric Snout Moth. Babers Rd N.
Endotricha pyrosalis (Pyralidae): Red Ochre Moth. Babers Rd N.
Endoxyla methychroa (Cossidae): Giant Wood Moth. Avondale CHE; Cooranbong.
Enochrus maculiceps (Hydrophilidae): Spotted Water Beetle. Watagan Forest creeks.
Ephippitytha trigintiduoguttata (Phalangopsidae): Thirty-two Spotted Katydid. Babers Rd N.
Epicoma argentata (Notodontidae): White Epicoma Moth. Babers Rd N.
Epicoma melanosticta (Notodontidae): Common Epicoma Moth. Babers Rd N.
Epicoma tristis (Notodontidae): Black Epicoma Moth. Babers Rd N.
Epilachna vigintioctopunctata (Coccinellidae): Twentyeight Spot Ladybird. Avondale CHE; Babers Rd N.
Epopsima fasciolatus (Noctuidae): White-stripe and Dots Marbled Moth. Babers Rd N.
*Eugilus eugeniae** (Eudrillidae): African Nightcrawler Worm. Morisset IA.
Eumargarodes laingi (Margarodidae): Pink Ground Pearl. Mandalong.
Euploea core (Nymphalidae): Common Crow Butterfly. Babers Rd N.
Euprosopia megastigma (Platystomatidae): Large Patterned Fly. Brown's Falls.
Euprosopia piperata (Platystomatidae): Pepper Fly. Brown's Falls.
Eurema hecabe (Pieridae): Common Grass-yellow Butterfly. Babers Rd N.
Eurymeloides pulchra (Cicadellidae): Beautiful Leafhopper. Currans Rd.
Eutane terminalis (Arctiidae): Banded Lichen Moth. Avondale CHE.
Eutinophaea bicristata (Curculionidae): Citrus Leaf-eating Weevil. Babers Rd N.
Exaireta spinigera (Stratiomyidae): Garden Soldier Fly. Babers Rd N.
Exoneura bicolor (Apidae): Allodapine Bee. Babers Rd N.
Extatosoma tiaratum (Phasmatidae): Giant Prickly Stick Insect. Avondale Rd; ACHE.
Fabriogenia consociata (Pompilidae): Large Yellow-antenna Wasp. Avondale Rd.
Fisera perplexata (Geometridae): Red Tented Hat Moth. Babers Rd N.
*Forficula auricularia** (Forficulidae): European Earwig. Babers Rd N.
Frankliniella schultzei (Thripidae): Tomato Thrips. Babers Rd N.

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Gagatophorus sp. (Curculionidae): Rugose Brown Weevil. Babers Rd N.
Galanga labeculata (Cicadidae): Spotted Wattle Cicada. Avondale CHE.
Galleria mellonella (Pyrilidae): Greater Wax Moth. Babers Rd N.
Gauna aegusalis (Pyrilidae): Brown-patterned High-tail Moth. Babers Rd N.
Germarica liliputana (Buprestidae): Jewel Beetle. Avondale CHE.
Glyciphana brunnipes (Scarabaeidae): Spotted Chocolate Beetle. Babers Rd N; Turramurra.
Gminatus australis (Reduviidae): Southern Assassin Bug. Babers Rd N.
Goboea copiosana (Tortricidae): Golden Arc Moth. Babers Rd N.
Goniaea australasiae (Acrididae): Southern Gumleaf Grasshopper. Avondale CHE.
Goniaea opomaloides (Acrididae): Mimetic Gumleaf Grasshopper.
Gryllotalpa australis (Gryllotalpidae): Australian Mole Cricket. Avondale CHE; Babers Rd N.
Gyrinus convexusculus (Gyrinidae): Common Whirligig Beetle. Dora Ck weir.
Halone sejuncta (Arctiidae): Eyed Banded Moth. Babers Rd N.
Harmonia conformis (Coccinellidae): Common Spotted Ladybird. Yambo St.
Harmonia testudinaria (Coccinellidae): Tortoiseshell Ladybird. Babers Rd N
Heliocosma argyroleuca (Tortricidae): Silvery-white Heliocosma Moth. Babers Rd N.
Helicoverpa armigera (Noctuidae): Corn Earworm. Freemans Dr; Mandalong.
Hemicordulia australiae (Corduliidae): Australian Emerald Dragonfly. Watagan Pk Est.
Hemicordulia tau (Corduliidae): Tau Emerald Dragonfly. ?
Hermetia illucens (Stratiomyidae): Black Soldier Fly. Babers Rd N.
Herpetogramma licarsisalis (Crambidae): Grass Webworm Moth. Babers Rd N.
Heteromicta pachytera? (Pyrilidae): Tubular Grey Moth. Babers Rd N.
Heteronympha merope (Nymphalidae): Common Brown Butterfly. Morisset.
Hippodamia variegata (Coccinellidae): Variegated Ladybird. Babers Rd N.
Hoplomorpha abalienella (Oecophoridae): Target Moth. Babers Rd N.
Hyalarcta huebneri (Psychidae): Common Leafy Case-moth. Babers Rd N.
Hydrocanthus australasiae (Noteridae): Southern Burrowing Water-beetle. Gradwells Rd.
Hypena subvittalis (Noctuidae): Banded Hypena Moth. Avondale CHE; Babers Rd N.
Hyperion schroetteri (Carabidae): Black Ground Beetle. Avondale CHE; Babers Rd N.
Hypocysta euphemia (Nymphalidae): Rock Ringlet Butterfly. Watagan National Pk.
Hypocysta metirius (Nymphalidae): Brown Ringlet Butterfly. ?
Hyporhamphus australis (Noctuidae): Common Armyworm. Dora Ck Estuary.
Icerya purchase (Monophlebidae): Cottony Cushion Scale. Babers Rd N.
Ichneumenoptera chrysophanes (Sesiidae): Eastern Window-winged Moth. Babers Rd N.
Idaea philocosma (Geometridae): Flecked Wave Moth. Babers Rd N.
Idiodes siculoideus (Geometridae): Dry-leaf Geometrid Moth. Babers Rd N.
Idolothrips spectrum (Phlaeothripidae): Giant Thrips. Babers Rd N.
Illeis galbula (Coccinellidae): Fungus-eating Ladybird. Babers Rd N.

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Imbophorus aptalis (Pterophoridae): White Plume Moth. Babers Rd N.
Imma acosma? (Immidae): Grey-mottled Curvewing Moth. Babers Rd N.
Imparipecten pictipes? (Chironomidae): Common Non-biting Midge. Babers Rd N.
Iphierga chrysopa (Psychidae): Two White Cross-striped Moth. Babers Rd N.
Ipo moorei (Cicadellidae): Mottled Grey-brown Leafhopper. Babers Rd N.
Ipoides hackeri (Cicadellidae): Reticulate Yellow/Brown Leafhopper. Babers Rd N.
Iridomyrmex mayri (Formicidae): Pale-footed Black Ant. Babers Rd N.
Iridomyrmex purpureus (Formicidae): Greenslade's Meat Ant. Palmers Rd.
Iridomyrmex suchieri (Formicidae): Little Suchieri Ant. Yambo Forest Rd.
Iridomyrmex victorianus (Formicidae): Little Black-brown Ant. Walls Lane.
Ischiodon scutellaris (Syrphidae): Common Hoverfl. Babers Rd N.
Ischnura heterosticta (Coenagrionidae): Common Bluetail Damselfly. Sabrina Pl.
Ismarus tibialis tibialis? (Diapriidae): Parasitic Microwasp. Babers Rd N.
Isomoralla eriscota (Oecophoridae): Banded Oecophorid Moth. Babers Rd N.
Ithone fulva (Ithonidae): Large Grey-brown Moth-lacewing. Babers Rd N.
Ixodes holocyclus (Ixodidae): Australian Paralysis Tick. Cooranbong.
Jappa edmundsi? (Leptophlebiidae): Feather-leaf Gills Mayfly. Owens Rd.
Johnrehnia australiae (Ectobiidae): Rehn's Australian Cockroach. Babers Rd N.
Labdia deliciosella (Cosmopterigidae): Brown-cream-brown Moth. Babers Rd N.
Labidura truncata (Labiduridae): Brown Earwig. Babers Rd N.
Laccotrephes tristis (Nepidae): Water Scorpion. Freemans Waterhole.
Laelia obsoleta (Lymantriidae): Yellow-headed White Lichen Moth. Babers Rd N.
Lamprolina impressicollis (Chrysomellidae): Pittosporum Leaf Beetle. Martinsville.
Lampromicra senator (Scutelleridae): Green Jewell-bug. Avondale CHE.
Lantanophaga pusillidactylus (Pterophoridae): Lantana Plume Moth. Babers Rd N.
Laxta friedmani (Blaberidae): Friedman's Trilobite Cockroach. ?
Laxta granicollis (Blaberidae): Common Trilobite Cockroach. Cooranbong; One-tree Hill.
Lenophila danielsi (Platystomatidae): Daniels' Lenophila Fly. Babers Rd N; Freemans Dr N.
Lepanus australis (Scarabaeidae): Southern Tiny Dung Beetle. Mandalong
Lepanus bidentatus (Scarabaeidae): Ringed Dung Beetle. Mandalong.
Lepidogryllus comparatus (Gryllidae): Field Cricket. Babers Rd N.
Lepidosaphes beckii (Diaspididae): Citrus Scale. Babers Rd N.
Lepidoscia arctiella (Psychidae): Tower Case Moth. Babers Rd N.
Lepinotus reticulatus (Trogidae): Reticulate Psocopteran. Mandalong.
Leptocneria reducta (Lymantriidae): White Cedar Moth. Bellbird Cl.
Leptocoris tagalicus (Rhopalidae): Red-eyed Tagalicus Bug. Babers Rd N.
Leptocroca sanguinolentis (Oecophoridae): Tridentate Brown-striped Moth. Babers Rd N
Leptogaster tillyardi? (Asilidae): Long-clawed Robber-fly. Babers Rd N.

COLOUR PHOTO

- Leptomyrmea cnemidatus* (Formicidae): Black-legged Spider-ant. Cooranbong; Martinsville.
Leptomyrmea nigriventris (Formicidae): Black Abdomen Ant. Stockdale St.
Leptophion anici? (Ichneumonidae): Orange Ichneumon Wasp. Babers Rd N.
Leptotarsus barringtoniensis (Tipulidae): Barrington Fly. Martinsville.
Leptotarsus pseudotortilis (Tipulidae): Thin-footed Fly. Martinsville.
Leptotes plinius pseudocassius (Lycaenidae): Plumbago Blue Butterfly. Babers Rd N.
Lissopimpla excelsa (Ichneumonidae): Dusky-winged Ichneumonid. Avondale Science; Bindera.
Lucillia cuprina (Calliphoridae): Sheep Blow-fly. Babers Rd N.
Lucillia sericata (Calliphoridae): Green Blow-fly. Babers Rd N.
Lyctus brunneus (Bostrichidae): Brown Powder Post Beetle. Babers Rd N.
Lyctus discedens (Bostrichidae): Small Powderpost Beetle. Mandalong.
Macrogyrus oblongus (Gyrinidae): Large Whirligig Beetle. Upper Dora Ck.
Mandalotus sp. (Curculionidae): Brown Grain Weevil. Babers Rd N.
Manota sp? (Mycetophilidae): Black-winged Fungus Fly. Babers Rd N.
Mansonia uniformis (Culicidae): Banded-legs Mosquito. Babers Rd N.
Mastachilus quaestionis (Passalidae): Giant Passalid Beetle. Avondale CHE.
Melangyna viridiceps (Syrphidae): Green-headed Hoverfly. Avondale CHE; Babers Rd N; Bellbird Cl.
Melastrola nigrisquamata (Arctiidae): Hourglass Moth. Babers Rd N.
Mesoponera australis (Formicidae): Southern Ponerine Black Ant. Babers Rd N.
Methana parva (Blattidae): Spined Methana. Babers Rd N; Mandalong; Morisset.
Metopia argyrocephala (Tachinidae): Silver-headed Flesh-fly. Babers Rd N.
Metura elongatus (Psychidae): Saunders' Casemoth. Babers Rd N.
Micraspis frenata (Coccinellidae): Striped Ladybird. Babers Rd N.
Micronecta annae? (Micronectidae): Anna's Waterboatman. ?
Micromus tasmaniae (Hemerobiidae): Tasmanian Lacewing. Babers Rd N.
Microvelia hirsuta (Veliidae): Hairy Water-strider. Dora Ck.
Microvelia millenium (Veliidae): Millenium Bug. Dora Ck weir.
Mictis profana (Coreidae): Crusader Bug. Babers Rd N.
Mnesiloba eupitheciata (Geometridae): Banded Carpet Moth. Avondale CHE; Babers Rd N.
Molophilus subannulipes (Tipulidae): Banded-legs Crane-fly. Watagan Forest.
Molybdurga metallophora (Oecophoridae): Metallic Moth. Babers Rd N.
Monarcha melanopsis (Monarchidae): Black-faced Monarch. Freemans Waterhole.
Monarcha trivirgatus (Monarchidae): Spectacled Monarch. Avondale Cemetery; Awaba State Forest; Heaton State Forest; Mandalong; Martinsville.
Monolepta australis (Chrysomelidae): Red-shouldered Leaf Beetle. Bellbird Cl.
Monomorium tambourinense (Formicidae): Tambourine Mountain Mono-ant. Mandalong.

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Monophlebulus pilosior (Margarodidae): Large Snow-ball Mealy Bug. Cooranbong Pk; W. Lake Macquarie; Quakers Hill.

Monophlebulus pilosior (Margarodidae): Large Snow-ball Mealy Bug. Cooranbong Pk;

Monopis ethelella (Tineidae): Black Monopis Fungus Moth. Babers Rd N.

Monopis icterogastra (Tineidae): Blotched Namuella Moth. Babers Rd N.

Moritala hasta (Morabidae): Brown Matchstick Grasshopper. ?

Mucidus alternans (Culicidae): Hexham Grey. Mandalong.

Musca domestica (Muscidae): House Fly. Babers Rd N.

Musca vetustissima (Muscidae): Bush Fly. Babers Rd N.

Musgraveia sulciventris (Tessaratomidae): Bronze Orange Bug. Bellbird Cl.

Myrmecia brevinoda (Formicidae): Giant Brown Bull Ant. Sauls Rd.

Myrmecia forficata (Formicidae): Bulldog Ant. Martinsville.

Myrmecia fulviculis (Formicidae): Broad-headed Bull Ant. Martinsville; Newport Rd.

Myrmecia nigrocincta (Formicidae): Black-banded Bull Ant. Mandalong; Morisset; Osland Rd.

Myrmecia pilosula (Formicidae): Hairy Bull Ant. Redbank Rd.

Myrmecia pyriformis (Formicidae): Black Bull Ant. ?

Myrmecia simillima (Formicidae): Similar Bull Ant. Martinsville.

Myrmecia tarsata (Formicidae): Orange Jawed Bull Ant. Martinsville N.

Myrmeleon acer (Myrmeleontidae): Common Brown Lacewing. Avondale CHE.

Myrmeleon pictifrons (Myrmeleontidae): White Stigma Lacewing. Babers Rd N.

Mythimna convecta (Noctuidae): Australian Armyworm Moth. Freemans Waterhole; Martinsville.

Nabis kinbergii (Nabidae): Patternless Damsel Bug. Babers Rd N.

Nabis maoricus? (Nabidae): Damsel Bug. Babers Rd N.

Nacaduba biocellata (Lycaenidae): Double-spotted Line-blue. Babers Rd N.

Nala lividipes (Labiduridae): Black Field Earwig. Cooranbong Pk.

Nasutitermes exitiosus (Termitidae): Hardwood Termite. Cooranbong Pk.

Nasutitermes walkeri (Termitidae): Walker's Termite. Avondale CHE.

Naucoris congrex (Naucoridae): Turtle Waterboatman. Avondale CHE.

Naupactus leucoloma (Curculionidae): White-fringed Weevil. Cormorant Rd.

Nauphoeta cinerea (Blaberidae): Speckled Cockroach. Babers Rd N.

*Neohydronomus affinis** (Brachyceridae): Water-lettuce Weevil. Babers Rd N.

Neola semiaurata (Notodontidae): Wattle Moth. Babers Rd N.

Neovulturnus hackeri (Cicadellidae): Black-netted Yellow Leafhopper. Babers Rd N.

Nisotra breweri (Chrysomellidae): Blue Leaf Beetle. Babers Rd N.

Nola pleurosema? (Nolidae): Large-hatted Moth. Babers Rd N.

Noliphus erythrocephalus (Alydidae): Red-headed Bug. Mandalong.

Notarcha aurolinalis (Crambidae): Golden-lined Snout Moth. Freemans Dr S.

Notius depressus (Pentatomidae): Dark Brown Shield Bug. Babers Rd.

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Notoncus ectatomoides (Formicidae): Pronged Epaulet Ant. Babers Rd.
Notonomus atrodermis (Carabidae): Sloane Ground Beetle. Babers Rd.
Notonomus truncatus (Carabidae): Stink Ground Beetle. Babers Rd.
Nyctemera baulus (Arctiidae): Magpie Moth. Babers Rd.
Nylanderia braueri (Formicidae): Brauer's Nylanderia Ant. Mandalong.
Nylanderia obscura (Formicidae): Obscure Nylanderia Ant. Dora Creek.
Nylanderia rosae (Formicidae): Reddish Nylanderia Ant. Crooks Rd.
Nymphes myrmeleonoides (Nymphidae): Giant Orange Lacewing. Babers Rd N; Rathmines.
Nysius caledoniae (Lygaeidae): Grey Cluster Bug. Babers Rd N.
Nysius clevelandensis (Lygaeidae): Dark Cluster Bug. Babers Rd N.
Nysius vinitor (Lygaeidae): Rutherglen Bug. Babers Rd N.
Ochetellus glaber (Formicidae): House Ant. Avondale CHE; Babers Rd N; Bellbird Cl.
Ochlerotatus monocellatus (Culicidae): Finlaya Mosquito. Matthews Valley Rd.
Ocrisiona leucomis (Salticidae): White-tufted Jumping Spider. Cooranbong.
Ocybadistes walker (Hesperiidae): Green Grass-dart. Babers Rd N.
Oenochroma infantilis (Geometridae): Small Emerald Moth. Babers Rd N.
Ogmograptis sp.? (Bucculatricidae): Scribbly Gum Moth. Avondale CHE; Martinsville.
Ommatius coeraebus (Asilidae): Yellow-shinned Robber Fly. Avondale BW.
Onthophagus arrilla (Scarabaeidae): Arrilla Beetle. Mandalong.
Onthophagus australis? (Scarabaeidae): Southern Dung Beetle. Wyong Hospital.
Onthophagus pugnax (Scarabaeidae): Fierce Beetle. Mandalong.
Onthophagus rubicundulus (Scarabaeidae): Red Dung Beetle. Mandalong.
Onthophagus sydneyensis (Scarabaeidae): Sydney Beetle. Mandalong.
Orcus australasiae (Coccinellidae): Orange-spotted Ladybird. Crooks Rd; Freemans Dr S.
Orectognathus nigriventris (Formicidae): Black & Brown Straight-jawed Ant. Martinsville; Newport Rd.
Orthetrum caledonicum (Libellulidae): Blue Skimmer Dragonfly. Cooranbong Pk; Watagan Pk Est.
Orthetrum villosovittatum (Libellulidae): Fiery Skimmer Dragonfly. Watagan Pk Est.
Orthorhinus cylindrirostris (Curculionidae): Elephant Weevil. Babers Rd N.
Pachygrontha robusta (Pachygronthidae): Narrow Brown Assassin Bug. Babers Rd N.
Paederus cruenticollis (Staphylinidae): Whiplash Rove Beetle. Babers Rd N.
Palpita unionalis? (Crambidae): Spotted Palpita Moth. Avondale CHE; Babers Rd N; Martinsville; Yarralumla.
Panacula lewinae? (Eupterotidae): Brown Bag-shelter Moth. Babers Rd N.
Panesthia cribrata (Blaberidae): Log Cockroach. Babers Rd N.
Papilio aegaeus (Papilionidae): Orchard Swallowtail. Deaves Rd.
Papilio Ulysses, (Papilionidae): Ulysses Butterfly. Avondale CHE; Babers Rd N; Glendale.
Paraoxyphilus sp., (Amorphaelidae): Rough Brown Mantid. Babers Rd N.

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- Paralastor punctulatus*, (Vespidae): Double-waisted Punctate Brown Wasp. Babers Rd N.
Paraparatrechnia minutula, (Formicidae): Tiny Yellow Ant. Babers Rd N.
Parasaissetia nigra, (Coccidae): Black Scale. Babers Rd N.
Parasynthemis regina, (Synthemistidae): Royal Tigertail Dragonfly. Babers Rd N.
Paropsis maculate, (Chrysomelidae): Spotted Paropsine Beetle. Avondale CHE; Martinsville.
Parotis marginate, (Crambidae): Green Leaf-moth. Babers Rd N.
Pataeta carbo, (Noctuidae): Black Owlet Moth. Babers Rd N.
Patmarksia palmarum, (Culicidae): Palmate Mosquito. Mandalong.
Peirates punctorius, (Reduviidae): Black Assassin Bug. Dora Ck Estuary.
Pentagonica vittipennis, (Carabidae): Banded Beetle. Martinsville.
Periclystus circuiter, (Myrmeleontidae): Mottled Lacewing. Yambo St.
*Perionyx excavatus**, (Megascolecidae): Blue Composting Worm. Morisset IA.
*Periplaneta americana**, (Blattidae): American Cockroach. Avondale CHE; Babers Rd N; Bellbird Cl.
Periplaneta australasiae, (Blattidae): Australasian Cockroach. Avondale CHE; Babers Rd N.
*Pheidole megacephala**, (Formicidae): Big-headed Ant. Babers Rd N.
Phenacomorpha sp., (Arctiidae): Striped and Spotted Moth. Babers Rd N.
Pheropsophus verticalis, (Carabidae): Bombardier Beetle. Avondale CHE; Bellbird Cl; Old Maitland Rd.
Philagra parva, (Aphrophoridae): Mottled Brown Leafhopper. Babers Rd N.
Philobota impletella, (Oecophoridae): Cross-striped Oecophorid Moth. Babers Rd N.
Philoscaphus tuberculatus (Carabidae): Tubercular Beetle. Yambo St.
Philotarsopsis paraguttata? (Philotarsidae): Spotted and Mottled Psocid
Phoracantha semipunctata (Cerambycidae): Common Eucalypt Longicorn Beetle. Babers Rd N.
Phyllocnistis citrella (Gracillariidae): Citrus Leaf-miner. Babers Rd N.
Pieris rapae (Pieridae): Cabbage White Butterfly. Babers Rd N.
Plagiolepis squamulosa? (Formicidae): Smooth Black Ant. Babers Rd; Wharf St.
Platybrachys decemmaculatus (Eurybrachidae): Ten-spot Leafhopper. Babers Rd N.
Platyzosteria incurva (Blattidae): Incurved Cockroach. Avondale CHE.
Platyzosteria melanaria (Blattidae): Black Woodland Cockroach. Babers Rd N.
Plautia affinis (Pentatomidae): Green Stink Bug. Babers Rd N.
Plecia ornaticornis? (Pleciidae): Black and Orange Lovebug. Babers Rd N.
Plesiochrysa ramburi (Chrysopidae): Green Lacewing. Babers Rd N.
Plodia interpunctella (Pyralidae): Pantry Moth. Babers Rd N.
*Plutella xylostella** (Plutellidae): Diamond-back Moth. Babers Rd N.
Poecilometis parilis (Pentatomidae): Two-spotted Gum Tree Shield Bug. Coorumbung St.
Polistes humilis (Vespidae): Brown Paper Wasp. Avondale CHE; Babers Rd N; Bellbird Cl.
Pollenia rudis? (Calliphoridae): Cluster Fly.?

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Polycentrocoris turneri (Reduviidae): Turner's Assassin Bug. Babers Rd.
Polypoxynx polydectis (Crambidae): Mottled Grass Moth. Babers Rd N.
Polyrhachis ammon (Formicidae): Golden Bum Ant. Avondale CHE; Redbank Rd.
Polyrhachis femorata (Formicidae): Scalloped Petiole Ant. Babers Rd N.
Polyrhachis maculata (Formicidae): Yellow Patch Ant. Avondale CHE.
Pompilinae (Pompilidae): Orange-legged Black & White Wasp. Babers Rd N
Ponera leae (Formicidae): Lea's Ant. Watagan Forest Rd.
Porela albifrons (Lasiocampidae): Fasciated Porela Moth. Babers Rd N.
Porrostoma rhipidium (Lycidae): Fan Beetle. Avondale CHE; Babers Rd N.
Prepocosma schalidota (Oecophoridae): Three-striped Schalidota Moth. Babers Rd N
Prionopelta robynmae (Formicidae): Robyn Mae Tiny Ant. Babers Rd N.
Pristhesancus plagipennis (Reduviidae): Common Assassin Bug. Babers Rd N.
Proteuxoa bistrigula (Noctuidae): Two White Spot Owlet Moth. Babers Rd N.
Psaltoda claripennis (Cicadidae): Clanger Cicada. Avondale CHE.
Psaltoda moerens (Cicadidae): Red-eyed Cicada. Avondale CHE.
Psaltoda plaga (Cicadidae): Black Prince Cicada. Avondale CHE.
Pseudagrion microcephalum (Coenagrionidae): Blue River Damse. Babers Rd N; Watagan Forest.
Pseudococcus longispinus (Pseudococcidae): Mealybug. Babers Rd N.
Pseudolychnus sp. (Oedemeridae): Lycid Mimic Pollen Beetle. Babers Rd N.
Psychoda pseudalternata? (Psychodidae): Dark Hairy Moth-fly. Babers Rd N.
Psychoda ypsylon? (Psychodidae): Black Micromoth-fly. Babers Rd N.
Pterohelaus peltatus? (Tenebrionidae): Blue-black Pie-dish Beetle. Avondale Science.
Pulvinariella mesembryanthemi (Cicadidae): Cottony Pigface Scale. Babers Rd N; Bellbird Cl.
Pyralis farinalis (Pyralidae): Meal Moth. Babers Rd N.
Rampamyia notoscriptus (Culicidae): Common Backyard Mosquito. Babers Rd N.
Ranatra dispar (Nepidae): Needle Bug. Freemans Waterhole.
Repsimus manicatus (Scarabaeidae): Black Christmas Beetle. Babers Rd N.
Rhadinosticta simplex (Isostictidae): Black and White Damsel Fly. Babers Rd N.
Rhantus suturalis (Dytiscidae): Brown Thorax Water Beetle. Babers Rd N; Moonbi.
Rhinotia haemoptera (Bellidae): Red Weevil. Babers Rd N.
Rhopaea magnicornis (Scarabaeidae): Black-headed Brown Cockchafer. Babers Rd N.
Rhytidoponera aciculata (Formicidae): Glossy-black Ridged Ant. Babers Rd.
Rhytidoponera chalybaea (Formicidae): Steely Ant. Martinsville Hill Rd; Plank Hill Rd.
Rhytidoponera metallica (Formicidae): Green-head Ant. Avondale CHE; Babers Rd; Bellbird Cl;
Cooranbong Pk.
Rhyothemis graphiptera (Libellulidae): Graphic Flutterer. Wainman Rd; Watagan Pk Est.
Romblonella heatwolei (Formicidae): Heatwole's Rugose Orange-brown Ant. Babers Rd N.
Salona panorpaepennis (Tropiduchidae): Speckled Leafhopper. Babers Rd N.

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Sarcophaga arachnivora? (Sarcophagidae): Flesh Fly. ?
Sarticus coradgeri (Carabidae): Wood Beetle. Yambo St.
Scaptia sp. (Tabanidae): March Fly. Babers Rd N.
Sceliphron caementarium (Sphecidae): Barrel-cell Mud Wasp. Babers Rd N.
Sceliphron formosum (Sphecidae): Vase-cell Mud Wasp. Babers Rd N.
Sceliphron laetum (Sphecidae): Rough-cell Mud Wasp. Babers Rd N.
Sciara sp. (Sciaridae): Fungus Gnat. Babers Rd N.
Scolypopa australis (Ricaniidae): Passionvine Hopper. Babers Rd N.
Scopula perlata (Geometridae): Cream Wave Moth. Babers Rd N.
Scrobiger sp. (Cleridae): Saw-edged Clerid Beetle. Cooranbong Pk.
Scutiphora pedicellata (Scutelleridae): Metallic Shield Bug. Avondale GW; Brisbane Botanic Gardens.
Serangium nitidum (Coccinellidae): Glossy Black Ladybird. Babers Rd N.
Sericesthis geminata (Scarabaeidae): Black-headed Chafer-beetle. Babers Rd N.
Sigara tadeuszi (Corixidae): Waterboatman. Gradwells Rd.
Simosyrphus grandicornis (Syrphidae): Pale-spotted Hoverfly. Babers Rd N.
Siphanta acuta (Flatidae): Torpedo Bug. Babers Rd N.
Siphanta hebes (Flatidae): Common Green Planthopper. Babers Rd N.
Spathulina acroleuca (Tephritidae): White-pointer Fly. Martinsville.
Spermophorella disseminata? (Berothidae): Brown Lacewing. Babers Rd N.
Sphenarches anisodactylus (Pterophoridae): Brown-mottled Plume Moth. Babers Rd N.
Sphinctomyrmex nigricans (Formicidae): Corrugated Black Ant. Martinsville.
Spilosoma curvata (Arctiidae): Crimson Tiger Moth. Babers Rd; Jones Rd; Rock Forest Rd.
Spodoptera mauritia (Noctuidae): Armyworm. Avondale CHE; Babers Rd N.
Spoladea recurvalis (Crambidae): Beet Webworm. Babers Rd N.
Stathmopoda crocophanes (Oecophoridae): Hourglass Stathmopoda Moth Babers Rd N.
Stenolemus bituberus (Reduviidae): Bituberous Assassin Bug. Babers Rd N.
Stenoptilia zophodactylus (Pterophoridae): Narrow-winged Plume Moth. Babers Rd N.
Stephanitis pyrioides (Tingidae): Azalea Lace Bug. Avondale CHE; Babers Rd N.
Stilbum cyanurum (Chrysidae): Cuckoo Wasp. Freemans Dr S.
Suniana sunias (Hesperiidae): Orange Dart Butterfly. Martinsville.
Sylvicola dubius? (Anisopodidae): Wood Gnat. Babers Rd N.
Symphyleona? (Bourletiellidae): Springtail. Mandalong.
Symposiachrus trivirgatus (Monarchidae): Spectacled Monarch. Matthews Valley Rd.
Syndesus cornutus (Lucanidae): Lucanid Decay Borer Beetle. Avondale CHE.
Synemon collecta (Castniidae): Patterned Collector Moth. Babers Rd N.
Tarsostenus carus (Cleridae): Metallic-blue Clerid Beetle. Mandalong.

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Taylorilgus apicalis (Miridae): Broken-backed Bug. Babers Rd N.
Telecrates melanochrysa (Oecophoridae): Yellow Cross-striped Moth
*Tenebrio molitor**? (Tenebrionidae): Mealworm Beetle. Babers Rd N.
*Tenebrio obscurus**? (Tenebrionidae): Dark Mealworm Beetle. Babers Rd N.
Tetragonula carbonaria (Apidae): Sugarbag Bee. Mandalong.
Tetramorium simillimum (Formicidae): Groove-headed Ant. Babers Rd N; N. Turramurra.
Thaumastocoris peregrinus? (Thaumastocoridae): Bronze Bug. Babers Rd N; Bellbird Cl.
Theseus modestus (Pentatomidae): Gum Tree Shield Bug. Martinsville; One Tree Hill.
Thopha saccata (Cicadidae): Double-drummer Cicada. Avondale CHE; Babers Rd N.
Throscidae sp. (Throscidae): Hairy Click-beetle. Babers Rd N.
Thyreocephalus chalcopterus (Staphylinidae): Metallic Green Rove Beetle. Babers Rd N.
Thyreocephalus chloropterus (Staphylinidae): Glossy-black Rove Beetle. Babers Rd N.
Tipanaea patulella (Crambidae): White Rush Moth. Babers Rd N.
Tipula sp. (Tipulidae): Crane Fly. Babers Rd N.
Tisiphone abeona (Nymphalidae): Swordgrass Brown Butterfly. Martinsville.
Titanoceros thermoptera. (Pyralidae): Black & Orange Night Moth. Babers Rd N.
Titanolabis collossea (Anisolabididae): Giant Earwig. Morisset IA.
Tremea loewii (Libellulidae): Common Glider Dragonfly. Wainman Rd.
Tribolium confusum (Tenebrionidae): Confused Flour Beetle. Babers Rd N.
Trichiocercus sparshalli (Notodontidae): Long-tailed Bombyx. Martinsville.
Trigonidium albovittata (Trigonidiidae): Banded Cricket. Babers Rd N.
Trigonidium vittaticollis (Trigonidiidae): Silent Leaf-runner. Babers Rd N.
Trigonodera marmoratus (Ripiphoridae): Marbled Hump-backed Beetle. Babers Rd N.
Trigonodes hyppasia (Noctuidae): Four Triangled Noctuid Moth. Babers Rd N.
Trinemura calcaripalpa? (Nicoletiidae): Micro-silverfish. Cooranbong.
Trismelasmos donovani (Cossidae): Golden Arc Moth. Babers Rd N.
Tripteroides marksae (Culicidae): Banded-body Mosquito. Cooranbong; Dora Ck delta; Martinsville; Palmers Rd; Stockton Ck.
Tropidoderus childrenii (Phasmatidae): Children's Stick-insect. Cooranbong; Dora Ck delta; Palmers Rd; Stockton Ck.
Tuberolachnus salignus (Aphididae): Giant Willow Aphid. Babers Rd N.
Turneriprocris dolens (Zygainidae): Jet-black Forrester Moth. Babers Rd N.
Utetheisa pulchelloides (Arctiidae): Heliotrope Moth. Avondale CHE; Babers Rd N.
Vanessa itea (Nymphalidae): Australian Admiral. Avondale CHE; Babers Rd N.
Vanessa kershawi (Nymphalidae): Australian Painted Lady. Avondale CHE; Babers Rd N; Cooranbong Pk.
Wingia hesperidella? (Oecophoridae): Plain Golden Moth. Babers Rd N.
Xanthagrion erythroneurum (Coenagrionidae): Red-veined Damselfly. Dora Ck weir.

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Xylion cylindricus (Bostrichidae): Cylindrical Auger Beetle. Mandalong.

Xylocopa aruana (Apidae): Large Carpenter Bee. Cooranbong.

Xylotrupes ulysses australicus (Scarabaeidae): Elephant Beetle. Alton Rd; Mandalong; Sawmillers Terrace.

Yumbera signata (Dolichopodidae): Index Fly. Gap Creek; Heatons Lookout.

Zenarge turneri (Argidae): Cypress Pine Sawfly. Mandalong.

Zenargomyia moorei (Tachinidae): Moore's Tachinid Fly. Mandalong.

Zizina otis (Lycaenidae): Common Grass-blue Butterfly. Babers Rd N.

Zonopetala clerota (Oecophoridae): Black and White Concealer Moth. Mandalong.

Zosteria caliginea? (Asilidae): Dark Robber Fly. Avondale CHE.

Crustacea (Crabs, Shrimps, Lobsters, Woodlice, Waterfleas etc)

Thirtythree species in 20 families are listed including two introduced species. Many of the smaller crustaceans such as amphipods and isopods have not yet been described or are poorly defined so that identification to species level is often not possible. At least four species of aquatic ostracods (Seed Shrimps) are known to be present. Crustaceans are important components of the food chain and there are certainly many more species to be added to this list. An additional species (*Aegaeon lacazei*, or Hardshell Shrimp, Family Atyidae) has been reported from near the Watagan Forest Rd area (on the Dora Creek watershed) by the Australian Museum, but this is believed to be in error as this is a marine species.



Catomerus polymerus Photo T. Annable

- Arcitalitrus sylvaticus?* (Talitridae): Terrestrial Amphipod. Babers Rd N; Bellbird Cl.
Australochiltonia australis (Chiltoniidae): Aquatic Amphipod. Dora Ck.
Boeckella fluvialis? (Centropagidae): River Copepod. Hunter Valley. ?
Boeckella minuta (Centropagidae): Tiny Copepod. Cooranbong Pk.
Caridea sp. (Atyidae): Amphipod. Morisset Golf Course.
Cherax destructor (Parastacidae): Yabbie. Boarding House Dam.
Catomerus polymerus (Catophragmidae): Surf Barnacle. Dora Ck Estuary.
Ceriodaphnia dubia? (Daphniidae): Dubious Daphniid. Sandy Creek.
Cymodetta gambosa (Sphaeromatidae): Gambosa Isopod. Jigadee Ck Estuary.
Cymodoce sp.? (Sphaeromatidae): Cymodoce Isopod (undescribed). Dora Ck Estuary.
Daphnia carinata (Daphniidae): Keeled Waterflea. Avondale CHE.
Daphnia cephalata (Daphniidae): Big-headed Waterflea. Cooranbong Pk; Morisset IA.
Daphnia longicephala (Daphniidae): Long-headed Waterflea. Morisset IA.
Euastacus spinifer (Parastacidae): Sydney Crayfish. Rock Forest Rd.
Gramastacus lacus (Parastacidae): Lake Crayfish. Rock Forest Rd.
Heterocypris vatia? (Cyprididae): Vatia Ostracod. Upper Dora Creek.
Laevophiloscia scholastica (Philosciidae): Glossy Slater. Babers Rd N.
Moina micrura (Moinidae): Small Daphnia. Watagan Pk Est.
Palaemon sp. (Palaemonidae): Estuary Shrimp. Dora Creek Estuary.
Panulirus ornatus (Palinuridae): Ornate Rock Lobster. Dora Creek Estuary.
Paragrapsus laevis (Varunidae): Spotted Smooth Shore Crab. Dora Creek Estuary.
Parasesarma erythroactyla (Sesarmidae): Red-clawed Marsh Crab. Dora Ck Delta.
Paratya australiensis (Atyidae): Common Freshwater Shrimp. Pointers Rd; Upper Dora Ck.
*Porcellio laevis** (Porcellionidae): Smooth Slater. Avondale CHE; Babers Rd N.
*Porcellionides pruinosus** (Porcellionidae): Garden Slater. Babers Rd N.
Scapholeberis kingi (Daphniidae): King's Waterflea. Babers Rd N.
Scylla serrata (Portunidae): Giant Mud Crab. Dora Ck Estuary.
Simocephalus vetulus (Daphniidae): Creeping Waterflea. Dora Ck Estuary ponds.
Tetraclitella purpurascens? (Tetraclitidae): Purple Barnacle? Dora Ck Estuary.

Mollusca (Slugs, Snails, Mussels etc.)

Fiftythree species in 25 families are listed including seven introduced species. Molluscs may be terrestrial aquatic or marine. There are numerous additional species found in the aquarium trade not listed here. The exotic Garden Snail (formerly *Helix aspera*) has a justifiably bad reputation for gardeners but most native snails and slugs when in ecological balance are quite innocuous in the garden, some are carnivorous feeding on other pests. Some species carry certain stages of development of parasitic worms which can seriously affect the health of both livestock and humans. The sea slug found in Stockton Creek is believed to new to science. There may well be several species not yet included in this list.



Elysia sp. 1?

Photo M. Ashton

- Allopeas clavulinus** (Achatinellidae): Spiked Awlsnail. Deaves Rd; Walls Lane.
Austrochloritis sydneyensis (Camaenidae): Sydney Bristle Snail. Dora Creek Delta; Watagan Forest.
Austropeplea tomentosa (Lymnaeidae): Velvet Pond-snail. Babers Rd N.
Austorhytida capillacea (Rhytididae): Common Southern Carnivorous Snail. Freemans Dr S; Watagan Forest.
*Cantareus aspersa** (Helicidae): Garden snail. Avondale CHE; Babers Rd; Alton Rd.
Coneuplecta calculosa (Euconulidae): Calculus Cone Snail. Avondale CHE.
Corbicula australis (Corbiculidae): Yellow-brown Freshwater Clam. Freemans Waterhole.
Decorioipa lirata (Charopidae): Beautiful Pinwheel Snail. Macquarie St.
*Deroceras panormitanum** (Agriolimacidae); Brown Field Slug. Babers Rd N; Bellbird Cl; Redbank Rd.
*Deroceras reticulatum** (Agriolimacidae): Grey Field Slug. Babers Rd N.
Desidarium rubricus (Helicarionidae): Scarlet-slime Semi-slug. Babers Rd N.
Elysia sp. 1. (Plakobranchidae): Orange-spotted Sea Slug. Lower Stockton Creek.
Euconulus fulvus (Euconulidae): Brown Hive Snail. Dora Ck delta.
Ferrisia tasmanicus? (Planorbidae): Freshwater Limpet. Babers Rd N.
Gastrocopta pediculus (Helicarionidae): Weakly Toothed Pupasnail. Dora Creek Delta.
Gastrocopta strangei (Helicarionidae): Strange's Pupasnail. Dora Creek Delta.
Glyptophysa novaehollandica(Planorbidae): Pouched Watersnail. Avondale dam; Babers Rd N.
Gyraulus scottianus? (Planorbidae): Flat Ramshorn Snail. Avondale CHE.
Hedleyoconcha delta (Charopidae): Conical Landsnail. Martinsville.
Helicarion leopardina(Helicarionidae): Leopard Landsnail. Watagan Forest Rd.
Helicarion mastersi (Helicarionidae): Master's Landsnail. Martinsville.

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- Helicorbis australiensis* (Planorbidae): Overlapping Native Ramshorn Snail. Martinsville; Runway Ck.
- Iotula microcosmos* (Punctidae): Tiny Iotula snail. Dora Ck Delta; Macquarie St; Mandalong.
- Isidorella newcombi* (Planorbidae): Newcomb's Watersnail. Cormorant Rd.
- Lehmannia nyctelia** (Limacidae): Striped Field Slug. Avondale CHE; Babers Rd.
- Lymnaea peregra* (Lymnaeidae): Pond snail. Runway Ck.
- Lymnaea stagnalis** (Lymnaeidae): Large Pond-snail. Babers Rd.
- Macrophallikoropa belli* (Charopidae): Bell's Pinwheel Snail): Mandalong.
- Melanoides tuberculata** (Thiaridae): Malaysian Trumpet Snail. Avondale CHE; Babers Rd.
- Meridolum grayi* (Camaenidae): Cumberland Land Snail. Avondale CHE; Deaves Rd.
- Milax gagates* (Milacidae): Jet Slug. Babers Rd.
- Mysticarion porrectus* (Helicarionidae): Golden Semislug. Heaton State Forest; Martinsville.
- Nitor medioxima* (Helicarionidae): Dorrigo Glass-snail. Gap Ck; Martinsville.
- Paralaoma caputspinulae* (Punctidae): Prickle Pinhead Snail. Dora Ck Delta.
- Physa acuta* (Physidae): Mottled Short-spined Watersnail. Babers Rd N; Avondale CHE.
- Pommerhelix duralensis* (Camaenidae): Purple Patch Snail. Deaves Rd; Scribbly Gum Reserve.
- Posticobia brazier* (Hydrobiidae): Pinhead Spot Snail. Deaves Rd; Scribbly Gum Reserve.
- Prietocella barbara** (Hygromiidae): Mediterranean Cone Snail. Deaves Rd.
- Pseudiotula euryisiana* (Charopidae): Timor Caves Pinhead Snail. Dora Ck delta.
- Pupisoma evada* (Pupillidae): Spiny Toothless Pupasnail. Dora Ck delta.
- Pupisoma microturbinata* (Pupillidae): Turban Toothless Pupasnail. Mandalong.
- Sheaia glenrockensis* (Helicarionidae): Hunter Valley Glass Snail. Awaba S.F.; Deaves Rd; Gap Ck; Heaton S.F.; Mandalong; Martinsville; Watagan S.F.
- Tatea huonensis* (Tateidae): Huon Brackish Water Snail. Dora Ck Estuary.
- Terrycarlessia turbinata* (Rhytididae): Glossy Turban Carnivorous Snail. Redbank Rd.
- Thersites novaehollandiae* (Camaenidae): New Holland Striped-snail. Heaton State F; Martinsville.
- Tornatellinops jacksonensis* (Achatinellidae): Port Jackson Miniature Treesnail. Dora Ck delta.
- Tornatellinops mastersi* (Achatinellidae): Master's Miniature Treesnail. Babers Rd N.
- Triboniophorus graeffei* (Athoracophoridae): Red-triangle Slug. Avondale Cem; One Tree Hill.
- Victaphanta atramentaria* (Rhytididae): Gippsland Black Snail. Dora Ck Delta; Martinsville; Stockton Ck.
- Vitellidelos dulcis* (Rhytididae): Sydney Carnivorous Snail. Martinsville.
- Wilhelminaia mathildae* (Helicarionidae): Matilda snail. Morisset IA; Freemans Dr/Stockton Ck.
- Xenostrobus securis* (Mytilidae): Little Brown Mussel. Dora Ck Estuary.
- Zonitoides arboreus* * (Gastrodontidae): Orchid Snail. Old Maitland Rd.

Anellida (Segmented Worms, Earthworms, Leeches etc.)

Eleven species are listed including at least one introduced species. Earthworms are important in soil ecology and are often abundant. Leeches may be terrestrial or aquatic and only some of them will attack humans. At least one giant earthworm species is known to be present (from worm casts) but an actual specimen is needed for accurate identification. This list is far from complete for both leeches and earthworms.

The segmented worms include earthworms, leeches and bristle worms etc. Fifteen species are listed in nine families. There are no keys readily available and there are no doubt many other species to add to the list.

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Amyntas corticis, (Megascolecidae): Black Wiggler Worm.
*Aporrectodea caliginosa**, (Lumbricidae): Misty Earthworm.
Aporrectodea trapezoids, (Lumbricidae): Southern Earthworm.
Australonereis ehlersi (Nereididae): Bristleworm.
Branchiura sowerbyi? (Tubificidae): Tubificid Worm.
Chtonobdella limbata, (Domanibdellidae): Striped Forest Leech.
Didymogaster sylvaticus, (Megascolecidae): Blue Squirter Earthworm.
Digaster longmani? (Megascolecidae): Longman's Giant Earthworm.
Diopatra aciculata (Onuphidae): Bait Worm.
Eisenia fetida, (Lumbricidae): Tiger Worm.
*Eugilus eugeniae**, (Eudrillidae): African Nightcrawler Worm.
Helobdella papillornata, (Glossiphoniidae): Frilly Leech.
Lumbriculus variegatus, (Lumbriculidae): Sludge Worm.
*Perionyx excavatus**, (Megascolecidae): Blue Composting Worm.
Simplisetia aequisetis (Nereididae): Squirt Worm.
Simplisetia amphidonta? (Nereididae): Polychaete Worm.
Simplisetia turveyi? (Nereididae): Turvey's Polychaete Worm.

Nematomorpha (Unsegmented worms, Nematodes etc.)

Only three species in three families are listed but there are hundreds of nematode species in aquatic and terrestrial environments, many are microscopic and some are parasitic affecting both animals and humans. No doubt some have been introduced. Parasitic round worms and Gordian worms are relatively very large (many cm in length). A Nematode specialist is needed to confirm the biodiversity of this group.

Gordius sp. (Gordiidae): Gordian Worm.

Dirofilaria immitis (Onchocercidae): Heartworm.

Strongyloides stercoralis (Strongyloididae): Thread-worm.

Turbellaria (Flat worms, Tapeworms etc.)

Eight species are listed including one introduced species. There are many parasitic and non-parasitic flat worms both aquatic and terrestrial. Only a small proportion have been identified for this list. Identification keys for such species are poorly developed.

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*Bipalium kewense** (Bipaliidae): Hammerhead Flatworm.

Spirometra sp., (Diphyllbothriidae): Sparganum Worm.

Dugesia sp. (Dugesiidae): Translucent Planarian.

Spathula sp? 1. (Dugesiidae): Black Aquatic Flatworm.

Spathula sp? 2. (Dugesiidae): Grey Aquatic Flatworm.

Spathula sp? 3. (Dugesiidae): Brown Aquatic Flatworm.

Caenoplania coerulea (Geoplanidae): White-striped Black Flatworm.

Caenoplania sanguinea? (Geoplanidae): Brown Striped Flatworm.

Caenoplania sp. (Geoplanidae): Blue Planarian.

Cnidaria (Hydra, Sea Anemones etc.)

This group is predominantly marine (includes Anemones and Jellyfish). Although freshwater jellyfish are known none have been found in the Dora Creek catchment. Locally only the common Green *Hydra* and also the Brown *Hydra* have been recorded in fresh water but both are believed to be introduced. The green species (*Hydra viridissima*) may lose their algal symbionts in heavy shade and turn almost colourless. Other species of sea anemones probably occur in the brackish waters of Dora Ck estuary.

Actinia australiensis? (Actiniidae): Orange Sea Anemone.

*Hydra oligactis**, (Hydridae): Grey-brown Hydra.

*Hydra viridissima**, (Hydridae): Green Hydra.

Desmospongiae (Sponges)

Sponges are mostly marine but some freshwater sponges are known. The precise specific name of this species is not known.

Spongilla sp. (Spongillidae): Freshwater Sponge

Protista (Microorganisms)

There are many tens of thousands of protistan species present in the catchment area (including for example many pathogens) but few are readily recognisable and only a handful are listed here. The slime moulds are often mistaken for fungi.

Fonticula flava? (Nucleariidae); Volcano Slime Mould.

Fuligo septica (Physaraceae): Yellow Slime Mould.

Lycogala epidendrum (Tubiferaceae): Pink Pillow Slime Mould.

Paramecium sp. (Parameciidae): Paramecium.

Stemonitis axifera (Stemonitidaceae): Hairy Slime Mould.

Vorticella campanulata (Vorticellidae): Common Vorticella.

Vorticella convalaria (Vorticellidae): Large Bulbous Vorticella.

LIST 8: Invertebrates Alphabetically By Family

All invertebrates are listed by systematic (or Scientific) name, under family name with common name. The invertebrates include the Insecta, Myriapoda Crustacea, Gastropoda, and Protista found in the Study Area. (See separate list of threatened and endangered species)

* indicates an introduced species (also see comments under preface to List 6.

Crustacea (Includes crabs, lobsters, shrimps, waterfleas, woodlice etc.)

Crustaceans are largely marine/aquatic and range in size from about 1mm to about 2m. Thirty species in 13 families are listed. Two introduced species of woodlice are included. Further marine, aquatic and terrestrial species are no doubt present in the catchment.

Atyidae (Shrimps)

<i>Caridea</i> sp.	Caridean Shrimp
<i>Paratya australiensis</i>	Common Freshwater Shrimp

Catophragnidae (Acorn Barnacles)

<i>Catomerus polymerus</i>	Surf Barnacle
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Centropagidae (Copepods)

<i>Boeckella fluviialis</i> ?	River Copepod
<i>Boeckella minuta</i>	Tiny Copepod

Chiltoniidae (Amphipods)

<i>Australochiltonia australis</i>	Aquatic Amphipod
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Cyprididae (Freshwater Seed Shrimps)

<i>Heterocypris vatia</i> ?	Vatia Ostracod
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Daphniidae (Water Fleas)

<i>Ceriodaphnia dubia</i> ?	Dubious Waterflea
<i>Daphnia carinata</i>	Keeled Waterflea
<i>Daphnia cephalata</i>	Big-headed Waterflea
<i>Daphnia longicephala</i>	Long-headed Waterflea
<i>Scapholeberis kingi</i>	King's Waterflea
<i>Simocephalus vetulus</i>	Creeping Waterflea

Macrocyprididae (Seed Shrimps)

<i>Macrocyprid</i> sp?	Elongate Ostracod
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Porcellionidae (Woodlice)

*Porcellio laevis**
*Porcellionides pruinosus**

Smooth Slater
 Garden Slater

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Palaemonidae (Brackish Shrimps)

Palaemon sp. Estuary Shrimp

Moinidae (Water Fleas)

Moina micrura Small Daphnia

Palinuridae (Lobsters)

Panulirus ornatus Ornate Rock Lobster

Parastacidae (Crayfish)

Cherax destructor Yabbie
Euastacus spinifer Sydney Crayfish
Gramastacus lacus Lake Crayfish

Philosciidae (Native Slaters)

Laevophiloscia scholastica Glossy Slater

Porcellionidae (Woodlice)

Porcellio laevis Smooth Slater
Porcellio pruinosus Garden Slater
Porcellio scaber Rough Slater

Portunidae (Crabs)

Scylla serrata Giant Mud Crab

Sesarmidae (Crabs)

Parasarma erythrodactyla Red-clawed Marsh Crab

Sphaeromatidae (Brackish Slaters)

Cymodetta gambosa Gambosa Isopod
Cymodoce sp.? Cymodoce Isopod (undescribed)

Talitridae (Terrestrial Shrimps)

Arcitalitrus sylvaticus?

Terrestrial Amphipod

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Tetracitidae (Barnacles)

Tetracitella purpurascens?

Purple Barnacle?

Varunidae (Crabs)

Paragrapsus laevis

Spotted Smooth Shore Crab

Arachnids (Spiders, Ticks, Scorpions and Mites)

One hundred and fifty-eight species have been identified in 20 families including two introduced species (but several others have probably been introduced). There are many other undescribed or undefined species present in the catchment.

Amaurobiidae (Hackled-mesh Weaver Spiders)

<i>Storenosoma terraneum</i>	Terrestrial Spider
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Araneidae (Orb-weaving Spiders)

<i>Acroaspis tuberculifera</i>	Tubercular Orb-weaver Spider
<i>Arachnura higginsii</i>	Scorpion-tailed Spider
<i>Araneus acuminatus</i>	Heart-shaped Garden Spider
<i>Araneus albotriangulus</i>	Yellow Winged Orb-weaver Spider
<i>Araneus arenaceus</i>	Sandy Orb-weaver Spider
<i>Araneus dimidiatus</i>	Half Orb-weaver Spider
<i>Araneus rotundulus</i>	Small Round Orb-weaver
<i>Argiope bullocki</i>	Wavy Pattern Spider
<i>Argiope keyserlingi</i>	St Andrews Cross Spider
<i>Austracantha minax</i>	Christmas Jewel Spider
<i>Backobourkia brouni</i>	Broun's Outback Spider
<i>Celaenia excavata</i>	Bird-dropping Spider
<i>Cyclosa trilobata</i>	Three-lobed Cyclosa Spider
<i>Cyrtophora hirta</i>	Wooly Tent-web Spider.
<i>Dolophones conifera</i>	Turtle-back Spider
<i>Dolophones turrigera</i>	Turret-backed Spider
<i>Eriophora transmarina</i>	Garden Orb-weaver Spider
<i>Eriophora</i> sp.	Black-thighed Orb-weaver Spider
<i>Larinia phthisica?</i>	Striped Larinia Spider
<i>Nephila edulis</i>	Australian Golden Orb-weaver Spider
<i>Ordgarius magnificus</i>	Magnificent Bolas Spider
<i>Phonognatha graeffei</i>	Graeff's Leaf-curling Spider
<i>Plebs bradleyi</i>	Bradley's Grass Orb-weaver Spider
<i>Plebs cyphoxis</i>	Western Grass Orb-weaver Spider
<i>Plebs eburnus</i>	Eastern Grass Orb-weaver Spider

Arkyidae (Ambush Hunter Spiders)

<i>Arkys</i> sp?	Black-tailed Triangle Spider
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Arrenuridae Water Mites

<i>Arrenurus</i> sp.	Red Watermite
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Bothriuridae (Scorpions)

<i>Cercophonius squama</i>	Scaly Scorpion
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Buthidae (Scorpions)

Lychas marmoreus

Little Marbled Scorpion

Chernetidae (Pseudoscorpion)

Lamprochernes savignyi?

Savigny Pseudoscorpion

Clubionidae (Sac Spiders)

Cheiracanthium gracile

Slender Sac Spider

Cheiracanthium mordax

Biting Sac Spider

Clubiona modesta

Modest Striped Spider

Clubiona robusta

Stout Sac Spider

Clubiona sp.

Brown Striped Pale Sac Spider

Corinnidae (Swift Spiders)

Nyssus albopunctata

White-spotted Swift Spider

Nyssus coloripes

Wasp-mimic Swift Spider

Cycloctenidae (Scuttling Spiders)

Cycloctenus sp.

Curly-haired Scuttling Spider

Deinopidae (Net-casting Spiders)

Deinopsis subrufa

Rufus Net-casting Spider

Desidae (Intertidal and House Spiders)

Badumna insignis

Black House Spider

Toxopsoides kathleenae

Kathleen's Toxopid Spider

Gnaphosidae (Bark Spiders)

Hemicloea rogenhoferi

Flattened Bark Spider

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Hersiliidae (Two-tailed Spiders)

Tamopsis brisbanensis
Tamopsis novaehollandiae

Brisbane's Two-tailed Spider
Two-tailed Spider

Hydrachnidae (Watermites)

Hydrachna sp?

Blue-legged Watermite

Hygrobatidae (Watermites)

Aspidiobates geometricus

Yellow Y Watermite

Idiopidae (Spiny Trapdoor Spiders)

Misgolas gracilis
Misgolas melancholicus

Slender Misgolas Spider
Dismal Misgolas Spider

Ixodidae (Ticks)

Amblyomma limbatum
Haemaphysalis longicornis
Ixodes holocyclus

Reptile Tick
Cattle Tick
Australian Paralysis Tick

Lamponidae (White-tailed Spiders)

Lampona cylindrata
Lampona mildura
Lampona murina

Cylindrical White-tailed Spider
Mildura White-tailed Spider
Murine White-tailed Spider

Linyphiidae (Money Spiders)

Laetesia sp.

Pale Money Spider

Liocranidae (Sac Spiders)

Orthobula sp.

Spiny-legged Sac Spider

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Lycosidae (Wolf Spiders)

Artoriopsis expolita
Artoriopsis sp.
Hogna crispipes
Tasmanicosa godeffroyi
Tasmanicosa musgravei
Venatrix furcillata
Venatrix ornatula
Venatrix pictiventris
Venatrix speciosa?

Common Wolf Spider
Black Diamond Wolf Spider
Banded-legs Wolf Spider
Garden Wolf Spider
Musgrave's Wolf Spider
Little Striped Wolf Spider
Ornate Wolf Spider
Lambda Pattern Wolf Spider
Black Spot Wolf Spider

Malkaridae (Shield Spiders)

Perissopmerus arkana?

Black Eye-turret Spider

Miturgidae (Prowling Spiders)

Mituliodon tarantulinus

Little Tarantula Spider

Neopilionidae

Megalopsalis minimus

Orange-flash Harvestman

Oecobiidae (Midget House Spiders)

Oecobius navus

Midget Spotted Wall Spider

Oxyopidae (Lynx Spiders)

Oxyopes elegans

Elegant Lynx Spider

Pentheleidae (Earth Mites)

Halotydeus destructor

Red-legged Earth Mite

Pholcidae (Daddy Long-legs Spiders)

Pholcus phalangioides

Daddy Long-legs Spider

COLOUR PHOTO

Phytoseiidae (Soil Mites)

Phytoseiulus fallacis?

Translucent Brown Soil Mite

Pisauridae (Fishing Spiders)

Megadolomedes australianus

Giant Fishing Spider

Prodidomidae (Long-spinneret Speedsters)

Molycria smithae

White-tipped Long-spinneret Spider

Pterygosotidae (Gecko Mites)

Geckobia sp.

Red Gecko Mite

Salticidae (Jumping Spiders)

Adoxotoma justyniae

Justyn's Jumping Spider

Adoxotoma nodosa

Nodosa Jumping Spider

Clynotis albobarbatus

Pale-hair Black Jumping Spider

Clynotis semiferrugineus

Brown and Black Jumping Spider

Clynotis sp.

Black Banded-legs Jumping Spider

Copocrossa tenuilineata

Stretched Jumping Spider

Cytaea plumbeiventris

Russet-lined Jumping Spider

Cytaea sp.?

Yellow Jumping Spider

Hasarius adansoni?

Hairy Brown Jumping Spider

Helpis minitabunda

Australian Bronze Jumping Spider

Helpis sp. 1.

Pale-legged Striped Jumping Spider

Helpis sp. 2.

Spotted Pale Jumping Spider

Hypoblemum albovittatum

White-garland Jumping Spider

Holoplatys planissima

Long Flat Jumping Spider.

Jotus minutus

Black Line Jumping Spider

Maratus volans?

Eastern Peacock Jumping Spider

Mopsus mormon

Green Jumping Spider

Myrmarachne luctuosa

Polyrhachis Ant Mimic.

Myrmarachne striatipes?

Ant-mimic Spider

Ocrisiona leucomis

White-tufted Jumping Spider

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Opisthoncus mordax
Opisthoncus parcedentatus
Opisthoncus polyphemus
Opisthoncus sexmaculatus
Opisthoncus sp.
Prostheclina pallida
Pungalina semiferruginea
Rhombonotus gracilis
Saitis virgatus
Sandalodes bipenicillatus
Sandalodes scopifer
Servaea sp.
Sondra aurea

Biting Jumping Spider.
Patterned Jumping Spider
Spotted Jumping Spider
Six-spotted Jumping Spider
Hairy Russet Jumping Spider
Pale Prostheclina Jumping Spider
Half-brown Jumping Spider
Graceful Ant-mimic Spider
Striped Saitis Jumping Spider
Eyebrowed Sandalodes Jumping Spider
Two-spotted Sandalodes Jumping Spider
Black-tailed Servaea Jumping Spider
Golden Sondra Jumping Spider

Sclerosomatidae (Harvestmen)

Nelima doriae

Orange-belly Harvestman

Sparassidae (Huntsman Spiders)

Beregama cordata
Delena cancerides
Holconia immanis
Isopeda alpina
Neosparassus diana
Typostola barbata

Ropey Huntsman Spider
Social Huntsman Spider
Grey Huntsman Spider
Alpine Huntsman Spider
Beautiful Badge Huntsman Spider
Bearded Huntsman Spider

Stiphidiidae (Platform Spiders)

Stiphidion facetum

Sombrero Spider

Tetragnathidae (Long-jawed Spiders)

Leucauge granulata
Tetragnatha demissa
Tetragnatha valida

Silver Orb Spider. Babers Rd N
Crouching Long-jawed Spider
Patternless Long-jawed Spider

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Tetranychidae (Spider-mites)

Tetranychus urticae

Two-spotted Spider-mite

Theridiidae (Comb-footed Spiders)

Argyrodes rainbowi

Rainbow's Dewdrop Spider

Crustulina bicrucata?

Double-cross Comb-footed Spider

Cryptachaea gigantipes

White House Spider

Latrodectus geometricus

Brown House Spider

Latrodectus hasseltii

Redback Spider

Nesticodes rufipes

Red House Spider

Parasteatoda tepidareorum?

Mottled House Spider

Steatoda grossa

Cupboard Spider

Theridion pyramidale

Striped Dew-drop Spider

Theridula gonygaster

Yellow on Black Ladybird Spider

Thomisidae (Crab Spiders)

Australomisidia cruentata

Blood-stained Flower Spider

Boomerangia dimidiata

Small Flower Spider

Cetratus rubropunctatus

Red-spotted Slender Crab Spider

Cymbacha ocellata

Common Cymbacha Spider

Lehtinelagia evanida

Common Crab Spider

Lehtinelagia multopunctata

Many-spotted Crab Spider

Lehtinelagia prasina

Green Crab Spider

Runcinia acuminata

Pointy Crab Spider

Sidymella hirsuta

Hairy Crab Spider

Sidymella longipes

Long-legged Crab Spider

Sidymella trapezia

Trapezoid Crab Spider

Stephanopsis altifrons

Knobbly Crab Spider

Stephanopsis barbipes

Bearded-legs Crab Spider

Stephanopsis cambridgei

Cambridge's Crab Spider

Synalus angustus

Narrow Crab Spider

Tharpyna diademata

Crowned Crab Spider

Tharpyna munda

Tick-mimicking Crab Spider

Thomisus spectabilis

Spectacular Crab Spider

Xysticus bimaculatus

Two-striped Crab Spider

Zygometis xanthogaster

Yellow-bellied Crab Spider

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Triaenonychidae (Harvestmen)

Equitius doriae

Doria's Harvestman Spider

Trochanteriidae (Flatty Spiders)

Morebilus fumosus

Rebilus brooklana

Trachycosmus sculptilis

Smokey Scorpion Spider

Orange Ochre & Grey Spider

Sculpted Trochanteriid Spider

Trombidiidae (Velvet Mites)

Trombidium sp. 1.

Trombidium sp. 2.

Red Velvet Mite

Ocellated Red Velvet Mite

Uloboridae (Venomless Spiders)

Miagrammopes bradleyi

Miagrammopes sp.

*Philoponella variabilis**

*Zosis geniculatus**

Twig Spider

Red-backed Twig Spider

Speckled Twig Spider

Grey House Spider

Urodacidae (Scorpions)

Urodacus manicatus

Black Rock Scorpion

Zodariidae (Ant-eating Spiders)

Habronestes wilkiei?

Hetaerica scenica

White-spotted Black Spider

Scenic Ant-eating Spider

Insecta (Alphabetic List of Insects by Families)

The phylum arthropoda is the most speciose of all the Animalia phyla and the largest subphylum is Insecta. Nearly 650 species of insects in 192 families have been identified in this study. Fourteen species are recognised as being exotic Insects usually have six legs and often have one or two pairs of wings. Large numbers of insects remain to be described and there are no satisfactory keys for many groups. This list is far from complete even for those species that have been described.

Acrididae (Grasshoppers)

<i>Acrida conica</i>	Giant Green Slant-face Grasshopper
<i>Austracris guttulosa</i>	Spur-throated Locust
<i>Austroicetes vulgaris</i>	Green & Brown Striped Grasshopper
<i>Austrophlugis malidupa</i>	Diurnal Predatory Katydid
<i>Chortoicetes terminifera</i>	Australian Plague Locust
<i>Coryphistes ruricola</i>	Bark-mimicking Grasshopper
<i>Goniaea australasiae</i>	Southern Gumleaf Grasshopper
<i>Goniaea opomaloides</i>	Mimetic Gumleaf Grasshopper

Aeschnidae (Dragonflies)

<i>Adversaeschna brevistylis</i>	Spotted Dragonfly. Walls Lane
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Agromyzidae (Leaf-miner Flies)

<i>Chromatomyia syngenesiae</i>	Leaf-miner Fly
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Aleyrodidae (Whiteflies)

<i>Bemisia tabaci</i>	White Fly
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Alydidae (Narrow Bugs)

<i>Noliphus erythrocephalus</i>	Red-headed Bug
<i>Riptortus serripes</i>	Brown Bean Bug

Amorphoscelidae (Brown Praying Mantises)

<i>Paraoxypilus tasmaniensis?</i>	Rough Brown Mantid
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Anisolabididae (Earwigs)

<i>Titanolabis collossea</i>	Giant Earwig
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Anisopodidae (Flies)

<i>Sylvicola dubius?</i>	Wood Gnat
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Anthelidae (Large Moths)

<i>Anthela acuta?</i>	Common Anthelid Moth
<i>Anthela excellens</i>	Dead-leaf Moth

Anthela ocellata
Anthela phaeodesma

Eyespot Anthelid Moth
 Beige Leaf Moth

Anthomyiidae (Dung Flies)

*Delia platura**

Onion Maggot Fly

Aphididae (Aphids)

Acyrtosiphon pisum?
Aphis craccivora
Aphis nerii
Tuberolachnus salignus

Greenfly
 Cowpea Aphid
 Oleander Aphid
 Giant Willow Aphid

Aphrophoridae (Leafhoppers)

Philagra parva

Mottled Brown Leafhopper

Apidae (Bees)

Afranthidium repetitum? *
Amegilla bombiformis
Amegilla cingulata
*Apis mellifera**
Exoneura bicolor
Tetragonula carbonaria
Xylocopa aruana

Carder Bee
 Teddybear Bee
 Blue-banded Bee
 Honey Bee
 Allodapine Bee
 Sugarbag Bee
 Large Carpenter Bee

Aradidae (Flat Bugs)

Brachyrhynchus australis
Brachyrhynchus sp.

Black-headed Flat Bug
 Unknown Flat Bug

Arctiidae (Tiger Moths)

Aloa marginata
Amata annulata
Amata nigriceps
Argina astra
Brunia replana
Chiriphe dichotoma
Chiriphe equidistans
Chiriphe tetramita
Eilema plana
Eutane terminalis
Halone sejuncta
Melastrola nigrisquamata
Nyctemera baulus
Phenacomorpha sp.
Spilosoma curvata
Stathmopoda crocophanes
Utetheisa pulchelloides

Donovan's Tiger Moth
 Orange-headed Wasp Moth
 Black-headed Wasp Moth
 Tiger Moth
 Orange Spots & Stripes Moth
 Reticulated Footman Moth
 Yellow-striped Moth
 Black-spotted Yellow Moth
 White Lichen Moth
 Banded Lichen Moth
 Eyed Banded Moth
 Black-scale Hourglass Moth
 Magpie Moth
 Striped and Spotted Moth.
 Crimson Tiger Moth
 Hourglass Crocophanes Moth
 Heliotrope Moth

Argidae (Sawflies)

Zenarge turneri

Cypress Pine Sawfly

Asilidae (Robber Flies)

Leptogaster tillyardi?

Ommatius coeraebus

Zosteria caliginea?

Long-clawed Robber-fly

Yellow-shinned Robber Fly

Dark Robber Fly

Atriplectididae (Caddis Flies)

Atriplectides dubius

Dubious Caddisfly

Austrocorduliidae (Dragonflies)

Austrocordulia refracta

Eastern Hawk Dragonfly

Baetidae (Mayflies)

Baetis sp. 1.

Baetis sp. 2.

Cloeon tasmaniae

Cloeon sp. 1

Cloeon sp. 2

Green Mayfly

Brown Mayfly

No Stigma Brown Mayfly

Little Green Mayfly

Long Brown Stigma Mayfly

Bellidae (Weevils)

Rhinotia haemoptera

Red Weevil

Belostomatidae (Water Bugs)

Diplonychus eques

Gold-spot Water Bug

Berothidae (Antlions and Lacewings)

Spermophorella disseminata?

Brown Lacewing

Bibionidae (March Flies and Lovebugs)

Dilophus tarsus

Bog-eyed Iridescent Fly

Blaberidae (Cockroaches)

Calolampra irrorata?

Laxta friedmani

Laxta granicollis

Nauphoeta cinerea

Panesthia cribrata

Bush Cockroach

Friedman's Trilobite Cockroach

Common Trilobite Cockroach

Speckled Cockroach

Log Cockroach

Blattidae (Cockroaches)

Drymaplaneta communis

Methana parva

*Periplaneta americana**

Periplaneta australasiae

Shining Cockroach

Spined Methana

American Cockroach

Australasian Cockroach

Periplaneta fuliginosa
Platyzosteria incurva
Platyzosteria melanaria

Smokey-brown Cockroach
 Yellow-tail Litter Runner Cockroach
 Black Woodland Cockroach

Bostrichidae (Wood-boring Beetles)

Lyctus brunneus
Lyctus discedens
Xylion cylindricus

Brown Powder Post Beetle
 Small Powderpost Beetle
 Cylindrical Auger Beetle

Bourletiellidae (Springtails)

Symphyleona? sp.

Springtail

Brachyceridae (Lily Weevils)

*Neohydronomus affinis**

Water-lettuce Weevil

Braconidae (Braconid Wasps)

*Apanteles subandinus**?

Potatoe Worm Wasp

Bucculatricidae (Scribbly Gum Moths)

Ogmograptis sp.?

Scribbly Gum Moth

Buprestidae (Jewel Beetles)

Castiarina scalaris
Diphucrania leucosticta
Germanica liliputana

Black and Orange Jewel Beetle
 White-spotted Jewel Beetle
 Tiny Jewel Beetle

Calliphoridae (Blowflies)

Amenia albomaculata
Amenia imperialis
Calliphora vomitoria
Lucillia cuprina
Lucillia sericata
Pollenia rudis?

Black-snail Parasite Blowfly
 Imperial Snail Parasite Blowfly
 Bluebottle Fly
 Sheep Blow-fly
 Green Blow-fly
 Cluster Fly?

Cantharidae (Soldier Beetles)

Chauliognathus lugubris

Plague Soldier Beetle

Carabidae (Ground Beetles)

Clivina australasiae?
Hyperion schroetteri
Notonomus atrodermis
Notonomus truncatus
Pamborus viridis
Pentagonica vittipennis
Pheropsophus verticalis
Philoscaphus tuberculatus

Southern Scaritiniid Ground Beetle
 Black Ground Beetle
 Sloane Ground Beetle
 Stink Ground Beetle
 Metallic Green Ground Beetle
 Banded Beetle
 Bombardier Beetle
 Tubercular Beetle

<i>Sarticus coradgeri</i>	Wood Beetle
Carpodidae (Fruit-worm Moths)	
<i>Coscinoptycha improbana</i>	Guava Moth
Castniidae (Sun Moths)	
<i>Synemon collecta</i>	Patterned Collector Moth
Cerambycidae (Longhorn Beetles)	
<i>Agrianome spinicollis</i>	Poinciana Longicorn Beetle
<i>Phoracantha semipunctata</i>	Common Eucalypt Longicorn Beetle
Ceratopogonidae (Sand Flies)	
<i>Culicoides subimmaculatus?</i>	Sand Fly
Chironomidae (Midges)	
<i>Chironomus australis?</i>	Southern Non-biting Midge
<i>Chironomus</i> sp.	Midge Bloodworm
<i>Imparipecten pictipes?</i>	Common Non-biting Midge
Choreutidae (Metalmark Moths)	
<i>Choreutis ophiocoma</i>	Golden Metalmark Moth
Chrysididae (Cuckoo Wasps)	
<i>Stilbum cyanurum</i>	Cuckoo Wasp
Chrysomellidae (Leaf Beetles)	
<i>Agasicles hygrophila</i>	Staghorn Beetle
<i>Aphthona</i> sp.	Brown Flea Beetle
<i>Lamprolina impressicollis</i>	Pittosporum Leaf Beetle
<i>Monolepta australis</i>	Red-shouldered Leaf Beetle
<i>Nisotra breweri</i>	Blue Leaf Beetle
<i>Paropsis maculata</i>	Spotted Paropsine Beetle
<i>Paropsisterna beata</i>	Eight Red Spot Eucalyptus Leaf Beetle
<i>Poneridia semipullata</i>	Figleaf Beetle
<i>Stethopachys formosa</i>	Dendrobium Beetle
<i>Trachymela</i> sp.	Spotted Leaf Beetle
Chrysopidae (Antlions and Lacewings)	
<i>Chrysoperla carnea</i>	Green Lacewing
<i>Dictyochrysa peterseni</i>	Small Brown Lacewing
<i>Mallada basalis</i>	Basal Green Lacewing
<i>Plesiochrysa ramburi</i>	Green Lacewing
Cicadidae (Cicadas)	
<i>Aleeta curvicauda</i>	Floury Baker Cicada

Birrima castanea
Cyclochila australasiae
Galanga labeculata
Psaltoda claripennis
Psaltoda moerens
Psaltoda plaga
Thopha saccata

Red Treeticker
 Greengrocer Cicada
 Spotted Wattle Cicada
 Clanger Cicada
 Red-eyed Cicada
 Black Prince Cicada
 Double-drummer Cicada

Cicadellidae (Leafhoppers)

Brunotartessus fulvus
Cofana spectra
Cofana unimaculata
Eurymeloides pulchra
Ipo moorei
Ipoides hackeri
Neovulturnus hackeri

Green Leafhopper
 White Leafhopper
 One-spot Brown Leafhopper
 Beatiful Leafhopper
 Mottled Grey-brown Leafhopper
 Reticulate Yellow/Brown Leafhopper
 Black-netted Yellow Leafhopper

Cleridae (Checkered Beetles)

Scrobiger sp.
Tarsostenus carus
Trogodendron fasciculatus

Saw-edged Clerid Beetle
 Metallic-blue Clerid Beetle
 Yellow-horned Clerid Beetle

Coccidae (Scale Insects)

Ceroplastes sinensis
Coccus pseudomagnoliarum
Pulvinariella mesembryanthemi
Parasaissetia nigra

Hard Wax Scale
 Citricola Scale
 Cottony Pigface Scale
 Black Scale

Coccinellidae (Ladybird Beetles)

Apolinus lividigaster
Bucolellus punctipennis
Bucolus caesariatus
Bucolus cirrhosis
Bucolus fourneti
Coccinella transversalis
Coelophora inaequalis
Diomus ementior
Diomus notescens
Epilachna vigintioctopunctata
Harmonia conformis
Harmonia testudinaria
Hippodamia variegata
Illeis galbula
Micraspis frenata
Micraspis lineola
Orcus australasiae
Serangium nitidum

Yellow-shouldered Ladybird
 Glossy Black Ladybird
 Hairy Black Ladybird
 Hairy Black & Orange Ladybird
 Glossy Iridescent Ladybird
 Transverse Ladybird
 Common Australian Ladybird
 Two-yellow-spots Ladybird
 Comma-spotted Ladybird
 Twentyeight Spot Ladybird
 Common Spotted Ladybird
 Tortoiseshell Ladybird
 Variegated Ladybird
 Fungus-eating Ladybird
 Integral Striped Ladybird
 Linear Striped Ladybird
 Orange-spotted Ladybird
 Glossy Black Ladybird

Coenagrionidae (Pond Damselflies)

Ischnura heterosticta
Pseudagrion microcephalum
Xanthagrion erythroneurum

Common Bluetail Damselfly
 Blue River Damsel
 Red-veined Damselfly

Colletidae (Plasterer Bee)

Amphylaeus nubillosellus
Hylaeus asperothorax

Three-yellow-spotted Wasp
 Thorax Yellow-faced Bee

Copromorphidae (Fruitworm Moths)

Phycomorpha prasinochroa

Mottled Lichen Moth

Corduliidae (Emerald Dragonflies)

Hemicordulia australiae
Hemicordulia tau

Australian Emerald Dragonfly
 Tau Emerald Dragonfly

Coreidae (Leaf-footed Bug)

Mictis profana
Cletus similis

Crusader Bug
 Plain Similis Bug

Corixidae (Waterboatmen)

Agraptocorixa parvipunctata
Sigara tadeuszi

Speckled Waterboatman
 Waterboatman

Cosmopterigidae (Cosmopterigid Moths)

Labdia deliciosella

Brown-cream-brown Moth

Cossidae (Goat Moths)

Archeoses magicoesema
Endoxyla methychroa
Trismelasmus donovani

Wedge-patch Goat Moth
 Giant Wood Moth
 Golden Arc Moth

Crambidae (Crambid Snout Moths)

Agrioglypta excelsalis?
Anydraula glycerialis
Calamotropha leptogrammellus
Glyphodes microta
Herpetogramma licarsisalis
Nausinoe puerita
Notarcha aurolinealis
Palpita unionalis?
Parotis marginata
Polypoynx polydectis
Spoladea recurvalis
Tipanaea patulella

Fig Moth
 Silver Patterned Moth
 Narrow Grass Webworm Moth
 Tiny Crambid Moth
 Tropical Grass Webworm Moth
 Golden Mottled Moth
 Golden-lined Snout Moth
 Spotted Palpita Moth
 Green Leaf-moth
 Mottled Grass Moth
 Beet Webworm Moth
 White Rush Moth

Culicidae (Mosquitoes)

Aedes alboannulatus

Banded Mosquito

Aedes alternans
Aedes notoscriptus
Aedes palmarum
Aedes quasirubithorax
Anopheles annulipes
Anopheles atratipes
Culex quinquefasciatus
Mansonia uniformis
Mucidus alternans
Ochlerotatus monocellatus
Patmarksia palmarum
Rampamyia notoscriptus
Tripteroides marksae

Giant Grey Mosquito
 Striped Mosquito
 Palm Mosquito
 Russet Mosquito
 Inverse ring-legged Mosquito
 Shaggy Palps Mosquito
 Brown House Mosquito
 Banded-legs Mosquito
 Hexham Grey
 Finlaya Mosquito
 Palmate Mosquito
 Common Backyard Mosquito
 Banded-body Mosquito

Curculionidae (Weevil Beetles)

Austroplatypus incompertus
Chrysolopus spectabilis
Cyrtobagous salviniae
Eutinophaea bicristata
Gagatophorus sp.
Mandalotus sp.
Naupactus leucoloma
Orthorhinus cylindrirostris
Talaurinus foveatus

Horizontal Borer
 Botany Bay Weevil
 Salvinia Weevil
 Citrus Leaf-eating Weevil
 Rugose Brown Weevil
 Brown Grain Weevil
 White-fringed Weevil
 Elephant Weevil
 Broad-nosed Ground Weevil

Cydnidae (Burrowing Shield Bugs)

Adrisa erichsoni
Aethus parvulus

Glossy-black Root Bug
 Small Spiny Burrowing Bug

Dermestidae (Hide Beetles)

Anthrenus museorum

Variegated Carpet Beetle

Diapriidae (Diaprid Wasps)

Ismarus tibialis?

Parasitic Microwasp

Diaspididae (Scale Insects)

Aonidiella aurantii
Aulacaspis rosae
Lepidosaphes beekii

White Nipple Scale
 White Rose Scale
 Citrus Scale

Dolichopodidae (Long-legged Flies)

Acropsilus sp.
Amblypsilopus brevitibia
Austrosapius connexus
Yumbera signata

Long-legged Iridescent Fly
 Short-shinned Fly
 Long Legged Fly
 Index Fly

Drosophilidae (Vinegar Flies)

Drosophila flavohirta
*Drosophila melanogaster**
Drosophila sp.

Wasp Vinegar-fly
Common Vinegar-fly
Native Vinegar-fly

Dytiscidae (Water Beetles)

Barrethydrus tibialis
Chostonectes sharpi
Cybister tripunctata
Rhantus suturalis

Shins Water Beetle
Sharp's Water Beetle
Water Beetle
Brown Thorax Water Beetle

Ectobiidae (Small Cockroaches)

Balta bicolor
Balta mundicola?
Balta personata
Balta ventralis?
Ectoneura minima
Ectoneura pallidula
Ellipsidion austral
Ellipsidion humerale
Johnrehnia australiae

Bicoloured Balta Cockroach
Elegant Balta Cockroach
Personal Balta Cockroach
Plain Golden Balta Cockroach
Brown-striped Cockroach
Tiny Pale Brown Cockroach
Austral Ellipsidion
Variable Bush Cockroach
Rehn's Australian Cockroach

Elateridae (Click Beetles)

Augenotus aurantius
Conoderus flavidus
Megapenthes sp.
Microdesmes pubescens

Gold-spot Click Beetle
Orange-legged Click Beetle
Large Brown Click Beetle
Hairy Click Beetle

Erebidae (Underwing Moths etc)

Alophosoma emmelopis
Fodina ostorius
Mormoscopa phricozona
Ophiusa tirhaca
Serrodes campana
Speiredonia spectans
Thallarcha sparsana

Mottled Tuft Moth
Noctuid Moth
Triple Zig-zag Moth
Green Drab Moth
Fruit-piercing Moth
Granny's Cloak Moth
Fair Footman Moth

Eupterotidae (Giant Lappet Moths)

Ebbepterote expansa
Panacula lewinae?

Zig-Zag Bag Moth
Brown Bag-shelter Moth

Eurybrachidae (Planthoppers)

Platybrachys decemmaculatus

Ten-spot Planthopper

Flatidae (Flatid Planthoppers)

Siphanta acuta
Siphanta hebes

Torpedo Bug
Common Green Planthopper

Forficulidae (Earwigs)

*Forficula auricularia**

European Earwig

Formicidae (Ants)

<i>Acropyga pallida</i>	Pallid Brown Ant
<i>Campanotus aeneopilosus</i>	Hairy Field Ant
<i>Camponotus consobrinus</i>	Sugar Ant
<i>Camponotus humilior</i>	Brown Field Ant
<i>Camponotus mackayensis</i>	Mackay's Black Ant
<i>Camponotus nigriceps</i>	Black-headed Sugar Ant
<i>Crematogaster laeviceps</i>	Glossy-black Valentine Ant
<i>Cryptopone rotundiceps</i>	Round-headed Brown Ant
<i>Dolichoderus scabridus</i>	Rough Black-headed Ant
<i>Iridomyrmex mayri</i>	Pale-footed Black Ant
<i>Iridomyrmex purpureus</i>	Greenslade's Meat Ant
<i>Iridomyrmex suchieri</i>	Little Suchieri Ant.
<i>Iridomyrmex victorianus</i>	Little Black-brown Ant
<i>Leptomyrmex cnemidatus</i>	Black-legged Spider-ant. Cooranbong
<i>Leptomyrmex nigriventris</i>	Black Abdomen Ant
<i>Mesoponera australis</i>	Southern Ponerine Black Ant
<i>Monomorium tambourinense</i>	Tambourine Mountain Mono-ant
<i>Myrmecia forficata</i>	Bulldog Ant
<i>Myrmecia fulviculis</i>	Broad-headed Bull Ant
<i>Myrmecia nigrocincta</i>	Black-banded Bull Ant
<i>Myrmecia pilosula</i>	Hairy Bull Ant
<i>Myrmecia pyriformis</i>	Black Bull Ant
<i>Myrmecia simillima</i>	Similar Bull Ant
<i>Myrmecia tarsata</i>	Orange Jawed Bull Ant
<i>Notoncus ectatomoides</i>	Pronged Epaulet Ant
<i>Nylanderia braueri glabrior</i>	Brauer's Nylanderia Ant
<i>Nylanderia obscura</i>	Obscure Nylanderia Ant
<i>Nylanderia rosae</i>	Reddish Nylanderia Ant
<i>Ochetellus glaber</i>	House Ant
<i>Orectognathus nigriventris</i>	Black & Brown Straight-jawed Ant
<i>Paraparatrechnia minutula</i>	Tiny Yellow Ant
<i>Pheidole megacephala</i> *	Big-headed Ant
<i>Plagiolepis squamulosa</i> ?	Smooth Black Ant.
<i>Polyrhachis ammon</i>	Golden Bum Ant
<i>Polyrhachis femorata</i>	Scalloped Petiole Ant
<i>Polyrhachis maculata</i>	Yellow Patch Ant
<i>Ponera leae</i>	Watagan Forest Rd.
<i>Prionopelta robynmae</i>	Robyn Mae Tiny Ant
<i>Rhytidoponera aciculata</i>	Glossy-black Ridged Ant
<i>Rhytidoponera aspera</i>	Rough-backed Ant
<i>Rhytidoponera chalybaea</i>	Steely Ant
<i>Rhytidoponera metallica</i>	Green-head Ant
<i>Romblonella heatwolei</i>	Heatwole's Rugose Ant
<i>Sphinctomyrmex nigricans</i>	Corrugated Black Ant
<i>Tetramorium simillimum</i>	Groove-headed Ant

Gelechiidae (Twirler Moth)

<i>Ardozyga chionoprora</i>	Striped Gelechiid Moth
<i>Ardozyga hemichlaena</i>	Double-patched Gelechiid Moth
<i>Ardozyga</i> sp.	Half-striped Gelechiid Moth
<i>Aristotelia mesophracta</i>	Dark-line White Moth
<i>Deltophora peltosema?</i>	Brown-marbled Gelechiid Moth
<i>Dichomeris acuminatus</i>	Silver-white Gellechiid
<i>Dichomeris capnites</i>	Speckled Silver-grey Gellechiid
<i>Philobota impletella</i>	Cross-striped Gelechiid Moth
<i>Pycnobathra clavata</i>	Clubbed Two-spot Moth

Geometridae (Geometer Moths)

<i>Chaetolopha</i> sp.	Triangles Moth
<i>Chloroclystis approximata</i>	Speckled Mid-brown Moth
<i>Chryschloroma megaloptera</i>	Green Leaf Moth
<i>Cleora displicata</i>	Off-white Speckled Cleora
<i>Comostola laesaria</i>	Spotted Green Flat-moth
<i>Dichromodes ainaria</i>	Two-colour Ainaria Moth
<i>Ectropis bispinaria</i>	Bark Looper Moth
<i>Fisera perplexata</i>	Red Tented Hat Moth
<i>Idaea philocosma</i>	Flecked Wave Moth
<i>Idiodes siculoides</i>	Dry-leaf Geometrid Moth
<i>Mnesiloba eupitheciata</i>	Banded Carpet Moth
<i>Oenochroma infantilis</i>	Small Emerald Moth
<i>Oenochroma vetustaria</i>	Ribbed Wine-moth.
<i>Oenochroma vinaria</i>	Grevillea Looper-moth
<i>Scopula perlata</i>	Cream Wave Moth
<i>Syneora hemeropa</i>	Clouded Brown Looper Moth

Gerridae (Waterskaters)

<i>Aquarius antigone</i>	Large Waterskater
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Gomphidae (Clubtailed Dragonflies)

<i>Austrogomphus ochraceus</i>	Jade Hunter Dragonfly
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Gracillariidae (Leaf-miner Moths)

<i>Phyllocnistis citrella</i>	Citrus Leaf-miner
<i>Phyllocnistis</i> sp. 1	White Leaf-miner Moth
<i>Phyllocnistis</i> sp. 2	White Back-to-front Moth

Gryllidae (Crickets)

<i>Acheta domestica?</i> *	Brown House Cricket
<i>Lepidogryllus comparatus</i>	Field Cricket

Gryllotalpidae (Mole Crickets)

<i>Gryllotalpa australis</i>	Australian Mole Cricket
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Gyrinidae (Whirligig Beetles)

<i>Gyrinus convexiusculus</i>	Common Whirligig Beetle
<i>Macrogyrus oblongus</i>	Large Whirligig Beetle

Hemerobiidae (Lacewings)

<i>Micromus tasmaniae</i>	Tasmanian Lacewing
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Hepialidae (Ghost Moths)

<i>Abantiades labyrinthicus</i>	Labyrinthine Swift Moth
<i>Abhamma australasiae</i>	Southern Hepialid Moth
<i>Aenetus tegulatus</i>	Magenta-underwing Hepialid Moth
<i>Elhamma australasiae</i>	Southern Ghost Moth

Hesperiidae (Skipper Butterflies)

<i>Euschemon rafflesia</i>	Regent Skipper Butterfly.
<i>Ocybadistes walkeri</i>	Green Grass-dart
<i>Suniana sunias</i>	Orange Dart Butterfly

Hydrophilidae (Water Scavenger Beetles)

<i>Berosus involutus?</i>	Patchy Berosus Water Beetle
<i>Enochrus maculiceps</i>	Spotted Water Beetle
<i>Ercyodes fossus?</i>	Glossy Black Compost Beetle

Hydropsychidae (Net-spinning Caddisflies)

<i>Cheumatopsyche</i> sp?	Grey Caddis-fly
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Ichneumonidae (Ichneumon Wasps)

<i>Leptophion anici?</i>	Orange Ichneumon Wasp
<i>Lissopimpla excelsa</i>	Dusky-winged Ichneumonid

Immidae (Imma Moths)

<i>Imma acosma?</i>	Curviewing Moth
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Isostictidae (Wiretailed Damselflies)

<i>Rhadinosticta simplex</i>	Black and White Damsel Fly
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Ithonidae (Moth-Lacewings)

<i>Ithone fulva</i>	Large Grey-brown Moth-lacewing
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Keroplattidae (Glow Worms)

<i>Arachnocampa richardsae?</i>	Glow Worm
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Labiduridae (Earwigs)

<i>Labidura truncata</i>	Brown Earwig
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<i>Nala lividipes</i>	Black Field Earwig
Lampyridae (Fireflies)	
<i>Atyphella lychnus?</i>	Blue Mountains Firefly
Lasiocampidae (Lappet Moths)	
<i>Porela albifrons</i>	Fasciated Porela Moth
Lecithoceridae (Looper Moths)	
<i>Crocantbes chordotona</i>	Three-striped Lecithoceriid Moth
<i>Crocantbes micradelpha</i>	Half-brown Lecithocerid Moth
Lepismatidae (Silverfish)	
<i>Ctenolepisma longicauda</i>	Long-tailed Silverfish
Leptophlebiidae (Mayflies)	
<i>Atalophlebia australasica</i>	Dense-filament Mayfly
<i>Jappa edmundsi</i>	Feather-leaf Gills Mayfly
Lestidae (Spread-winged Damselflies)	
<i>Austrolestes leda</i>	Wandering Ring-tailed Damselfly
Libellulidae (Common Skimmer Dragonflies)	
<i>Crocothemis nigrifrons</i>	Black-headed Skimmer Dragonfly
<i>Orthetrum caledonicum</i>	Blue Skimmer Dragonfly
<i>Orthetrum villosivittatum</i>	Fiery Skimmer Dragonfly
<i>Rhyothemis graphiptera</i>	Graphic Flutterer
<i>Tramea loewii</i>	Common Glider Dragonfly
Limacodidae (Slug and Cup Moths)	
<i>Doratifera pinguis</i>	Painted Cup-moth
Limoniidae (Limoniid Craneflies)	
<i>Geranomyia erasmi</i>	Mottled Long-palped Cranefly
<i>Molophilus subannulipes</i>	Banded-legs Cranefly
<i>Molophilus pilosulus?</i>	Hairy Cranefly
Lucanidae (Stag Beetles)	
<i>Ryssonotus nebulosus</i>	Brown Stag Beetle
<i>Syndesus cornutus</i>	Lucanid Decay Borer Beetle
Lycaenidae (Gossamer-winged Butterflies)	
<i>Anthene godeffroyi</i>	Pale Ciliated Blue Butterfly
<i>Catochrysops panormus</i>	Spotted Blue Butterfly
<i>Leptotes plinius</i>	Plumbago Blue Butterfly

Nacaduba biocellata
Zizina otis

Double-spotted Line-blue
Common Grass-blue Butterfly

Lycidae (Net-winged Beetles)

Porrostoma rhipidium

Fan Beetle

Lygaeidae (Chinch Bugs)

Nysius caledoniae
Nysius clevelandensis
Nysius vinitor

Grey Cluster Bug
Dark Cluster Bug
Rutherglen Bug

Lymantriidae (Tussock Moths)

Laelia obsoleta
Leptocneria reducta

Yellow-headed White Lichen Moth
White Cedar Moth

Mantidae (Praying Mantises)

Archimantis sobrina
Hierodula atricoxis?
Orthodera australiana?
Orthodera ministralis
Pseudomantis albofimbriatus

Large Green Praying Mantis
Green Garden Mantis
Orange-spot Mantis. Babers Rd N.
Garden Mantis
False Garden Mantid

Margarodidae (Ground Pearls and Giant Scales etc.)

Eumargarodes laingi
Monophlebulus pilosior

Pink Ground Pearl
Large Snow-ball Mealy Bug

Megachilidae (Leaf-cutting Bees etc.)

Megachile serricauda

Large White-banded Bee

Megapodagrionidae (Flatwing Damselflies)

Austroargiolestes nigrolabiatus

Black-lipped Damselfly

Micronectidae (Small Waterboatmen)

Micronecta annae?

Anna's Waterboatman

Miridae (Mirid Bugs)

Creontiades dilutus
Taylorilgus apicalis

Green Mirid Bug
Broken-backed Bug

Monophlebidae (Giant Scales etc.)

Icerya purchasi
Monophlebulus pilosior

Cottony Cushion Scale
Large Snow-ball Mealy Bug

Morabidae (Monkey Grasshoppers)

Moritala hasta

Brown Matchstick Grasshopper

Muscidae (House Flies)

<i>Musca domestica</i>	House Fly
<i>Musca vetustissima</i>	Bush Fly

Mycetophilidae (Fungus Flies)

<i>Manota</i> sp?	Black-winged Fungus Fly
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Myrmeleontidae (Lacewings and Antlions)

<i>Myrmeleon acer</i>	Common Brown Lacewing
<i>Myrmeleon pictifrons</i>	White Stigma Lacewing
<i>Periclystus circuiter</i>	Mottled Lacewing

Nabidae (Damsel Bugs)

<i>Nabis kinbergii</i>	Patternless Damsel Bug
<i>Nabis maoricus?</i>	Tussock Damsel Bug

Naucoridae (Waterboatmen)

<i>Naucoris congrex</i>	Turtle Waterboatman
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Nepidae (Water Scorpions)

<i>Laccotrephes tristis</i>	Water Scorpion
<i>Ranatra dispar</i>	Needle Bug

Nicoletiidae (Micro-silverfish)

<i>Australiatelura</i> sp.	Micro-silverfish
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Nitidulidae (Sap Beetles)

<i>Aethina tumida</i> *	Small Hive Beetle
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Noctuidae (Owlet Moths)

<i>Acontia nivipicta</i>):	Bird-dropping Moth.
<i>Agamana conjungens</i>	Triangles Moth
<i>Agarista agricola</i>	Joseph's Coat Moth.
<i>Agrotis infusa</i>	Bogong Moth
<i>Chrysodeixis argentifera</i>	Tobacco Looper Moth
<i>Chrysodeixis eriosoma</i>	Green Looper Moth
<i>Cosmodes elegans</i>	Green Blotched Moth
<i>Dasypodia selenophora</i>	Southern Old-lady Moth
<i>Epopsima fasciolatus</i>	White-stripe and Dots Marbled Moth
<i>Helicoverpa armigera</i>	Corn Earworm
<i>Hypena subvittalis</i>	Banded Hypena Moth
<i>Hyporhamphus australis</i>	Common Armyworm
<i>Maliattha amorphia</i>	Kay-pattern Moth
<i>Mormoscopa phricozona</i>	Triple Zig-zag Moth
<i>Mythimna convecta</i>	Australian Armyworm Moth
<i>Pataeta carbo</i>	Black Owlet Moth

Proteuxoa bistrigula
Spodoptera mauritia
Trigonodes hyppasia

Two White Spot Owlet Moth
 Armyworm
 Four Triangled Noctuid Moth

Nolidae (Tuft Moths)

Nola pleurosema?

Large-hatted Moth

Noteridae (Burrowing Water-beetles)

Hydrocanthus australasiae

Southern Burrowing Water-beetle

Notodontidae (Puss Moths)

Epicoma argentata
Epicoma melanosticta
Epicoma tristis
Neola semiaurata
Trichiocercus sparshalli

White Epicoma Moth
 Common Epicoma Moth
 Black Epicoma Moth
 Wattle Moth
 Long-tailed Bombyx

Nymphalidae (Brush-footed Butterflies)

Danaus plexippus
Euploea core
Heteronympha merope
Hypocysta euphemia
Hypocysta metirius
Junonia villida
Tisiphone abeona
Vanessa itea
Vanessa kershawi
Ypthima arctous

Monarch Butterfly
 Common Crow Butterfly.
 Common Brown Butterfly
 Rock Ringlet Butterfly
 Brown Ringlet Butterfly
 Meadow Argus Butterfly
 Swordgrass Brown Butterfly
 Australian Admiral
 Australian Painted Lady
 Dusky Knight Butterfly

Nymphidae (Split-footed Lacewings)

Nymphes myrmeleonoides

Giant Orange Lacewing

Oecophoridae (Concealer Moths)

Baioglossa anisopasta?
Crypsicharis enthetica?
Cryptophasa flavolineata
Hoplomorpha abalienella
Isomoralla eriscota
Leptocroca sanguinolentis
Molybdurga metallophora
Olbonoma triptycha
Philobota impletella
Prepocosma schalidota
Stathmopoda crocophanes
Telecrates melanochrysa
Wingia hesperidella?
Xylorycta assimilis

Speckled Pasta Moth
 Pale Brown-cross Moth
 Striped Golden Moth
 Target Moth
 Banded Oecophorid Moth
 Tridentate Brown-striped Moth
 Metallic Moth
 Four-striped Black and Yellow Moth.
 Cross-striped Oecophorid Moth
 Three-striped Schalidota Moth
 Hourglass Moth
 Four-stripe Zebra Moth
 Plain Golden Moth
 Pale Concealer Moth

<i>Zonopetala clerota</i>	Black and White Concealer Moth
Oedemeridae (False Blister Beetles)	
<i>Pseudolytus carteri?</i>	Lycid Mimic Lax Beetle
Pachygronthidae (Thickened Assassin Bugs)	
<i>Pachygrontha robusta</i>	Narrow Brown Assassin Bug
Papilionidae (Swallowtail Butterflies)	
<i>Papilio aegeus</i>	Orchard Swallowtail
<i>Papilio ulysses</i>	Ulysses Butterfly
Passalidae (Bess Beetles)	
<i>Mastachilus quaestionis</i>	Giant Passalid Beetle
Pentatomidae (Stink Bugs)	
<i>Notius depressus</i>	Dark Brown Shield Bug
<i>Plautia affinis</i>	Green Stink Bug
<i>Poecilometis parilis</i>	Two-spot Gum Tree Shield Bug
<i>Theseus modestus</i>	Gum Tree Shield Bug
Phalangopsidae (Crickets)	
<i>Endotaria yelta</i>	Spider Cricket
<i>Ephippitytha trigintiduoguttata</i>	Thirty-two Spotted Katydid
Phasmatidae (Stick Insects)	
<i>Acrophylla titan</i>	Titan Stick Insect
<i>Extatosoma tiaratum</i>	Giant Prickly Stick Insect
<i>Tropidoderus childreni</i>	Children's Stick-insect
Philotarsidae (Booklice)	
<i>Philotarsopsis paraguttata?</i>	Spotted and Mottled Psocid
Phlaeothripidae (Leaf-galling Thrips)	
<i>Idolothrips spectrum</i>	Giant Thrips
Pieridae (Pierid Butterflies)	
<i>Belenois java teutonia</i>	Caper White Butterfly
<i>Delias aganippe</i>	Red-spotted Jezebell
<i>Delias nigrina</i>	Common Jezebell
<i>Eurema hecabe</i>	Common Grass-yellow Butterfly
<i>Pieris rapae</i>	Cabbage White Butterfly
Platystomatidae (Signal Flies)	
<i>Euprosopia megastigma</i>	Large Patterned Fly

<i>Euprosopia piperata</i> <i>Lenophila danielsi</i>	Pepper Fly Daniels' Lenophila Fly
Pleciidae (Lovebugs)	
<i>Plecia ornaticornis</i> ?	Black and Orange Lovebug
Plutellidae (Diamondback Moths)	
<i>Plutella xylostella</i> *	Cabbage Moth
Pompilidae (Pompilid Wasps)	
<i>Fabriogenia consociata</i> Pompilinae sp.	Large Yellow-antenna Wasp Orange-legged Black & White Wasp
Pseudococcidae (Mealybugs)	
<i>Pseudococcus longispinus</i> <i>Rhizoecus</i> sp.	Mealybug Root Mealybug
Psychidae (Case-moths)	
<i>Cebysa leucotelus</i> <i>Hyalarcta huebneri</i> <i>Iphierga chrysopa</i> ? <i>Lepidoscia arctiella</i> <i>Lepidoscia</i> sp. <i>Metura elongatus</i>	Diamond Bagmoth Common Leafy Case-moth Two White Cross-striped Moth Tower Case-moth Smooth-cone Case-moth Saunders' Casemoth
Psychodidae (Moth-fly)	
<i>Psychoda pseudalternata</i> ? <i>Psychoda ypsylon</i> ?	Dark Hairy Moth-fly Black Micromoth-fly
Psyllidae (Lerps)	
<i>Glycaspis baileyi</i>	Bailey's Lerp
Pterophoridae (Plume Moths)	
<i>Imbophorus aptalis</i> <i>Lantanophaga pusillidactylus</i> <i>Sphenarches anisodactylus</i> <i>Stangeia xerodes</i> <i>Stenoptilia zophodactylus</i>	White Plume Moth Lantana Plume Moth Brown-mottled Plume Moth Xerodes Plume Moth Narrow-winged Plume Moth
Pyalidae (Snout Moths)	
<i>Achroia grisella</i> <i>Endotricha ignealis</i> <i>Endotricha mesenterialis</i> <i>Endotricha pyrosalis</i> <i>Galleria mellonella</i> <i>Gauna aegusalis</i>	Lesser Wax Moth Flame Snout Moth Mesenteric Snout Moth Red Ochre Moth Greater Wax Moth Brown-patterned High-tail Moth

Heteromicta pachytera?
Hypsipyla robusta
Plodia interpunctella
Pyralis farinalis
Titanoceros thermoptera

Tubular Grey Moth
 Cedar-tip Moth
 Pantry Moth
 Meal Moth
 Black & Orange Night Moth

Reduviidae (Assasin Bugs)

Gminatus australis
Peirates punctorius
Polycentrocoris turneri
Pristhesancus plagipennis
Stenolemus bituberus

Southern Assassin Bug
 Black Assassin Bug
 Turner's Assassin Bug
 Common Assassin Bug
 Bituberous Assassin Bug

Rhopalidae (Scentless Plant Bugs)

Leptocoris tagalicus

Red-eyed Tagalicus Bug

Rhyparochromidae (Dirt-cloured Seed Bugs)

Dieuches notatus

Six-white-spot Bug

Ricaniidae (Planthoppers)

Scolypopa australis

Passionvine Hopper

Ripiphoridae (Wedge-shaped Beetles)

Trigonodera marmoratus

Marbled Hump-backed Beetle

Sarcophagidae (Flesh Flies)

Sarcophaga arachnivora?

Flesh Fly

Scarabaeidae (Scarab Beetles)

Amphistomus speculifer
Anoplognathus chloropyrus
Anoplognathus montanus
Anoplognathus pallidicollis
Anoplognathus porosus
Anoplognathus viridiaeneus
Chondropyga dorsalis
Diphucephala spreta
Glyciphana brunnipes
Lepanus australis
Lepanus bidentatus
Onthophagus arrilla
Onthophagus australis?
Onthophagus pugnax
Onthophagus rubicundulus
Onthophagus sydneyensis
Phyllotocus macleayi
Proteitia fusca

Translucent Scarab Beetle
 Green Christmas Beetle
 Tan Christmas Beetle
 Pale Christmas Beetle
 Common Christmas Beetle
 King Christmas Beetle
 Cowboy Beetle
 Metallic Golden-green Beetle
 Spotted Chocolate Beetle
 Southern Tiny Dung Beetle
 Ringed Dung Beetle
 Arrilla Beetle
 Southern Dung Beetle
 Fierce Beetle
 Red Dung Beetle
 Sydney Beetle
 Two-tone Nectar Scarab Beetle
 Mottled Flower Scarab Beetle

Repsimus manicatus
Rhopaea magnicornis
Sericesthis geminata
Xylotrupes ulysses

Black Christmas Beetle
 Black-headed Brown Cockchafer
 Black-headed Chafer-beetle
 Elephant Beetle

Sciaridae (Soil Flies)

Sciara sp.

Fungus Gnat

Scutelleridae (Jewel-bugs)

Lampromicra senator
Scutiphora pedicellata

Green Jewel-bug
 Metallic Shield Bug

Sesiidae (Clear-winged Moths)

Ichneumenoptera chrysophanes

Eastern Window-winged Moth

Sphecidae (Mud Wasps)

Sceliphron caementarium
Sceliphron formosum
Sceliphron laetum

Barrel-cell Mud Wasp
 Vase-cell Mud Wasp
 Rough-cell Mud Wasp

Sphingidae (Hawk Moths)

Acosmeryx miskini?
Agrius convolvuli
Cephonodes hylas
Coequosa australasiae
Theretra nessus

Variegated Hawk Moth
 Convolvulus Hawk Moth
 Coffee-bee Hawk Moth
 Double-headed Moth
 Yam Hawk Moth

Staphylinidae (Rove Beetles)

Anotylus lateralis
Anotylus pusillimus
Creophilus erythrocephalus
Paederus cruenticollis
Thyrecephalus chalcopterus
Thyrecephalus chloropterus

Spiny-legged Rove Beetle.
 Tiny Rove Beetle
 Three-spot Rove Beetle
 Whiplash Rove Beetle
 Metallic Green Rove Beetle
 Glossy-black Rove Beetle

Stratiomyidae (Soldier Flies)

Exaireta spinigera
Hermetia illucens

Garden Soldier Fly
 Black Soldier Fly

Synthemistidae (Dragonflies)

Parasynthemis regina

Royal Tigertail Dragonfly

Syrphidae (Hoverflies)

Austalis copiosa
Eristalinus punctulatus
Ischiodon scutellaris

Green Hoverfly
 Native Drone Fly
 Common Hoverfly

Melangyna viridiceps
Simosyrphus grandicornis

Green-headed Hoverfly
Pale-spotted Hoverfly

Tabanidae (Biting and Parasitic Flies)

Dasybasis spp.
Scaptia sp.
Tabanus australicus?

Horseflies
March Fly
Striped Horsefly

Tachinidae (Parasite Flies)

Metopia argyrocephala
Zenargomyia moorei

Silver-headed Flesh-fly
Moore's Tachinid Fly

Telephlebiidae (Dragonflies)

Austroaeschna sigma
Austroaeschna obscura

Sigma Darner Dragonfly
Sydney Mountain Darner Dragonfly

Tenebrionidae (Darkling Beetles)

Pterohelaeus peltatus?
Pterohelaeus walkeri?
*Tenebrio molitor**?
*Tenebrio obscurus**?
Tribolium confusum

Blue-black Pie-dish Beetle
Black Pie-dish Beetle
Mealworm Beetle
Dark Mealworm Beetle
Confused Flour Beetle

Tephritidae (Fruitflies)

Bactrocera tryoni
Dirioxa pornia
Spathulina acroleuca

Queensland Fruitfly
Island Fruitfly
White-pointer Fly

Termitidae (Termites)

Coptotermes acinaciformis
Coptotermes frenchi
Coptotermes lacteus
Heterotermes ferox
Nasutitermes exitiosus
Nasutitermes walkeri
Schedorhinotermes intermedius

Subterranean Termite.
French's Subterranean Termite
Milky Termite
Fierce Termite
Hardwood Termite
Walker's Termite
Intermediate Termite

Tessaratomidae (Giant Shield Bugs)

Musgraveia sulciventris

Bronze Orange Bug

Tettigoniidae (Katydid)

Acripeza reticulata
Austrophlebia costalis
Caedicia simplex
Conocephalus semivittatus
Conocephalus upoluensis

Mountain Katydid
Southern Giant Darner
Common Garden Katydid
Common Field Katydid.
Meadow Katydid

<i>Salomona</i> sp.	Large Brownish Katydid
Thaumastocoridae (Iridescent Bugs)	
<i>Thaumastocoris peregrinus</i> ?	Bronze Bug
Therevidae (Stiletto Flies)	
<i>Acraspisoides monticola</i> ?	Highlands Stiletto Fly
Thripidae (Thrips)	
<i>Frankliniella schultzei</i>	Tomato Thrips
Throscidae (Click-beetles)	
Throscidae sp.	Brown Hairy Click-beetle
Tineidae (Fungus Moths)	
<i>Moerarchis australasiella</i>	Harlequin Fungus Moth
<i>Monopis ethelella</i> Black	Monopis Fungus Moth
<i>Monopis icterogastra</i>	Blotched Namuella Moth
Tingidae (Lace Bugs)	
<i>Stephanitis pyrioides</i>	Azalea Lace Bug
Tiphiidae (Flower Wasps)	
<i>Anthobosca</i> sp.?	Black Flower Wasp
<i>Diamma bicolor</i>	Red and Black Flower Wasp
Tipulidae (Crane flies)	
<i>Acracantha sydneyensis</i> ?	Sydney Midge
<i>Dolichocheza asymmetrica</i>	Asymmetrical Crane fly
<i>Dolichocheza dorrigensis</i>	Dorrigo Crane fly
<i>Dolichocheza niveitarsis</i>	White-footed Crane fly
<i>Dolichocheza tylye</i>	Winter Crane fly
<i>Dolichocheza zenta</i>	Crescent Crane fly
<i>Leptotarsus clavatus</i>	Clubbed Crane Fly
<i>Leptotarsus barringtoniensis</i>	Barrington Fly
<i>Leptotarsus pseudotortilis</i>	Thin-footed Fly
Tortricidae (Leaf-roller Moths)	
<i>Aeolostoma scutiferana</i>	Lizard-poo Moth
<i>Acroceuthes metaxanthana</i>	Dog-faced Moth
<i>Cryptoptila immersana</i>	Four-eyed Moth
<i>Goboea copiosana</i>	Golden Arc Moth
<i>Heliocosma argyroleuca</i>	Silvery-white Heliocosma Moth
Trigonidiidae (Small Field Crickets)	
<i>Trigonidium albovittata</i>	Banded Cricket

<i>Trigonidium vittaticollis</i>	Silent Leaf-runner
Trogiidae (Booklice & Barkflies)	
<i>Lepinotus reticulatus</i>	Reticulate Psocopteran
Tropiduchidae (Leafhoppers)	
<i>Salona panorpaepennis</i>	Speckled Leafhopper
Velliidae (Tiny Water-strider Bugs)	
<i>Microvelia hirsuta</i>	Hairy Water-strider
<i>Microvellia millenium</i>	Millenium Bug
Vespidae (Wasps)	
<i>Abispa splendida</i>	Splendid Wasp
<i>Polistes humilis</i>	Brown Paper Wasp
Zygaenidae (Forrester Moths)	
<i>Turneriprocris dolens</i>	Jet-black Forrester Moth
<i>Paralastor punctulatus</i>	Double-waisted Punctate Brown Wasp

Arachnida (Spiders, Mites, Ticks, Scorpions, Pseudoscorpions and Harvestmen)

One hundred and fiftyeight species from 18 families have been recorded here. However, the Dora Creek catchment has a much larger number of arachnids many of which remain to be scientifically described. The water mites and terrestrial mites are particularly poorly described. A few of them are brightly coloured. Many species have venomous bites or stings. A few spiders and most mites are not venomous. Pseudoscorpions have pincers like scorpions but no long tail with a terminal sting as in scorpions. Harvestmen are long-legged and have no constriction between the Cephalothorax and the abdomen as found in all spiders. They also have a respiratory system similar to insects and unlike the book-lungs of spiders, also the males have a penis. Most soil mites are tiny, grey, brown or transparent but a few are brightly coloured such as the red velvet mite. Some on this list were recorded for NSW for the first time. Only two arachnid species are listed as introduced but there are probably more.

Acroaspis tuberculifera (Araneidae): Tubercular Orb-weaver Spider. Babers Rd N.
Adoxotoma justyniae (Salticidae): Justyn's Jumping Spider. Babers Rd N.
Adoxotoma nodosa (Salticidae): Nodosa Jumping Spider. Babers Rd N; Turramurra N.
Amblyomma limbatum (Ixodidae): Reptile Tick. Avondale CHE.
Arachnura higginsii (Araneidae): Scorpion-tailed Spider. Babers Rd N.
Araneus acuminatus (Araneidae): Heart-shaped Garden Spider. Babers Rd N.
Araneus albotriangulus (Araneidae): Yellow Winged Orb-weaver Spider. Babers Rd N.
Araneus dimidiatus (Araneidae): Half Orb-weaver Spider. Babers Rd N.
Araneus rotundulus (Araneidae): Small Round Orb-weaver. Babers Rd N.
Argiope bullocki (Araneidae): Wavy Pattern Spider. Avondale CHE.
Argiope keyserlingi (Araneidae): St Andrews Cross Spider. Babers Rd N.
Argyrodes rainbowi (Theridiidae): Rainbow's Dewdrop Spider. Babers Rd N.
Austracantha minax (Araneidae): Christmas Jewel Spider. Babers Rd N; Watagan Pk Est.
Australomisidia cruentata (Thomisidae): Blood-stained Flower Spider. Mandalong.
Backobourkia brouni (Araneidae): Broun's Outback Spider. Babers Rd N.
Badumna insignis (Desidae): Black House Spider. Avondale CHE; Cooranbong; Babers Rd.
Beregama cordata (Sparassidae): Ropey Huntsman Spider. Avondale Cemetery.
Boomerangia dimidiata (Thomisidae): Small Flower Spider. Babers Rd N.
Celaenia excavata (Araneidae): Bird-dropping Spider. Avondale CHE.
Cercophonium squama (Bothriuridae): Scaly Scorpion. Martinsville.
Cetratus rubropunctatus (Thomisidae): Red-spotted Slender Crab Spider. Avondale CHE.
Cheiracanthium gracile (Clubionidae): Slender Sac Spider. Babers Rd N.
Cheiracanthium mordax (Clubionidae): Biting Sac Spider. Babers Rd N.
Clubiona modesta (Clubionidae): Modest Striped Spider. Babers Rd N.
Arkys sp? (Araneidae): Black-tailed Triangle Spider. Babers Rd N.
Artoriopsis expolita (Lycosidae): Common Wolf Spider. Babers Rd N; Norah Head.
Artoriopsis sp. (Lycosidae): Black Diamond Wolf Spider. Babers Rd N.
Aspidiobates geometricus (Hygrobatidae): Yellow Y Watermite. Redbank Rd.
Clubiona robusta (Clubionidae): Stout Sac Spider. Babers Rd N.
Clubiona sp. (Clubionidae): Brown Striped Pale Sac Spider. Babers Rd N.
Clynotis albobarbatus (Salticidae): Pale-hair Black Jumping Spider. Babers Rd N.
Clynotis semiferrugineus (Salticidae): Brown and Black Jumping Spider. Babers Rd N.
Clynotis sp. (Salticidae): Black Banded-legs Jumping spider. Babers Rd N.



Argyrodes rainbow

Photo M. Ashton

- Copocrossa tenuilineata* (Salticidae): Stretched Jumping Spider. Babers Rd N.
Cryptachaea gigantipes (Theridiidae): White House Spider. Babers Rd N.
Cycloctenus sp. (Cycloctenidae): Curly-haired Scuttling Spider. Redbank Rd.
Cyclosa trilobata (Araneidae): Three-lobed Cyclosa Spider. Avondale Education.
Cymbacha ocellata (Thomisidae): Common Cymbacha Spider. Babers Rd N.
Cyrtophora hirta (Araneidae): Woolly Tent-web Spider. Mandalong.
Cytaea plumbeiventris (Salticidae): Russet-lined Jumping Spider. Babers Rd N.
Cytaea sp.? (Salticidae): Yellow Jumping Spider. Babers Rd N.
Delena cancerides (Sparassidae): Social Huntsman Spider. Avondale CHE; Babers Rd N; Martinsville.
Dolophones conifera (Araneidae): Turtle-back Spider. Babers Rd N.
Dolophones turrigera (Araneidae): Turret-backed Spider. Babers Rd N.
Equitius doriae (Triaenonychidae): Doria's Harvestman Spider. Martinsville.
Eriophora transmarina (Araneidae): Garden Orb-weaver Spider. Avondale CHE; Babers Rd N; Bellbird Cl.
Eriophora sp. (Araneidae): Black-thighed Orb-weaver Spider. Avondale CHE; Babers Rd N
Habronestes wilkiei? (Zodariidae): White-spotted Black Spider. Babers Rd N.
Hogna crispipes (Lycosidae): Banded-legs Wolf Spider. Mandalong.
Holconia immanis (Sparassidae): Grey Huntsman Spider. Avondale CHE; Alton Rd N.
Holoplatys planissima (Salticidae): Long Flat Jumping Spider. Babers Rd N; French St; Watagan Forest Rd.
Hypoblemum albovittatum (Salticidae): White-garland Jumping Spider. Babers Rd N.
Jotus minutus (Salticidae): Black Line Jumping Spider. Babers Rd N.
Lampona cylindrata (Lamponidae): Cylindrical White-tailed Spider. Mandalong.
Lampona mildura (Lamponidae): Mildura White-tailed Spider. Martinsville.
Lampona murina (Lamponidae): Murine White-tailed Spider. Avondale CHE; Babers Rd N; Bellbird Cl.
Lamprochernes savignyi? (Chernetidae): Pseudoscorpion. Presscott Ave.
Larinia phthisica? (Araneidae): Striped Larinia Spider. Cooranbong.
Latrodectus geometricus (Theridiidae): Brown House Spider. Avondale GW.
Latrodectus hasseltii (Theridiidae): Redback Spider. Avondale CHE; Babers Rd N.
Lehtinelagia evanida (Thomisidae): Common Crab Spider. Babers Rd N.
Lehtinelagia multopunctata (Thomisidae): Many-spotted Crab Spider. Babers Rd N.
Lehtinelagia prasina (Thomisidae): Green Crab Spider. Babers Rd N; Quakers Hill.

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- Haemaphysalis longicornis* (Ixodidae): Cattle Tick. Martinsville.
Helpis minitabunda (Salticidae): Australian Bronze Jumping Spider. Babers Rd N.
Helpis sp. 1. (Salticidae): Pale-legged Striped Jumping Spider. Babers Rd N.
Helpis sp. 2. (Salticidae): Spotted Pale Jumping Spider. Babers Rd N.
Hemicloea rogenhoferi (Gnaphosidae): Flattened Bark Spider. ?
Leucauge granulata (Tetragnathidae): Silver Orb Spider. Babers Rd N.
Lychas marmoreus (Buthidae): Little Marbled Scorpion. Avondale CHE; Babers Rd N.
Maratus volans? (Salticidae): Eastern Peacock Jumping Spider. Martinsville.
Megalopsalis minimus (Neopilionidae): Orange-flash Harvestman. Lindfield Ave; Mulbring.
Megadolomedes australianus (Pisauridae): Giant Fishing Spider. Bindera.
Misgolas gracilis (Idiopidae): Slender Misgolas Spider. Babers Rd N.
Misgolas melancholicus (Idiopidae): Dismal Misgolas Spider. Avondale CHE; Morisset.
Mopsus mormon (Salticidae): Green Jumping Spider. Morisset.
Molycrria smithae (Prodidomidae): White-tipped Long-spinneret Spider. Mandalong.
Morebilus fumosus (Trochanteriidae): Smokey Scorpion Spider. Redbank Rd.
Myrmarachne striatipes? (Salticidae): Ant-mimic Spider. Redbank Rd.
Nelima doriae (Sclerosomatidae): Orange-belly Harvestman. ?
Neosparassus diana (Sparassidae): Beautiful Badge Huntsman Spider. Lindfield Ave.
Nephila edulis (Nephilidae): Australian Golden Orb-weaving Spider. Avondale BW.
Nesticodes rufipes (Theridiidae): Red House Spider. Felled Timber Ck W.
Ocrisiona leucomis (Salticidae): White-tufted Jumping Spider. Babers Rd N.
Oecobius navus (Oecobiidae): Midget Spotted Wall Spider. Babers Rd N.
Opisthoncus mordax (Salticidae): Biting Jumping Spider. Babers Rd N.
Opisthoncus parcedentatus (Salticidae): Patterned Jumping Spider. Babers Rd N; Turramurra N.
Opisthoncus polyphemus (Salticidae): Spotted Jumping Spider. Babers Rd N.
Opisthoncus sp. (Salticidae): Hairy Russet Jumping Spider. Babers Rd N.
Ordgarius magnificus (Araneidae): Magnificent Bolas Spider. Babers Rd N.
Orthobula sp. (Liocranidae): Spiny-legged Sac Spider. Wyee Rd N.
Oxyopes elegans (Oxyopidae): Elegant Lynx Spider. Babers Rd N.
Parasteatoda tepidareorum? (Theridiidae): Mottled House Spider. Babers Rd N.
Perissopmerus arkana? (Malkaridae): Black Eye-turret Spider. Babers Rd N.
*Philoponella variabilis** (Urobolidae): Speckled Twig Spider. Babers Rd N.
Pholcus phalangioides (Pholcidae): Daddy Long-legs Spider. Avondale CHE; Babers Rd N; Bellbird Cl.
Phonognatha graeffei (Araneidae): Graeff's Leaf-curling Spider. Avondale CHE; Bellbird Cl; Cooranbong Pk.
Plebs bradleyi (Araneidae): Bradley's Grass Orb-weaver Spider. Bellbird Cl

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Plebs cyphoxis (Araneidae): Western Grass Orb-weaver Spider. Babers Rd N.
Plebs eburnus (Araneidae): Eastern Grass Orb-weaver Spider. Babers Rd N.
Prostheclina pallida (Salticidae): Pale Prostheclina Jumping Spider. Martinsville.
Rebilus brooklana (Trochanteriidae): Orange Ochre & Grey Spider. Babers Rd N.
Rhombonotus gracilis (Salticidae): Graceful Ant-mimic Spider. Babers Rd N.
Runcinia acuminata (Thomisidae): Pointy Crab Spider. Mandalong.
Sandalodes bipenicillatus (Salticidae): Eyebrowed Sandalodes Jumping Spider. Babers Rd N.
Sandalodes scopifer (Salticidae): Two-spotted Sandalodes Jumping Spider. Babers Rd N.
Servaea sp. (Salticidae): Black-tailed Servaea Jumping Spider. Babers Rd N.
Sidymella hirsuta (Thomisidae): Hairy Crab Spider. Babers Rd N.
Sidymella longipes (Thomisidae): Long-legged Crab Spider. Babers Rd N.
Sidymella trapezia (Thomisidae): Trapezoid Crab Spider. Babers Rd N.
Steatoda grossa (Theridiidae): Cupboard Spider. Babers Rd; Bellbird Cl; Dora Ck; Jones Rd; Rock Forest Rd.
Stephanopis altifrons (Thomisidae): Knobbly Crab Spider. Babers Rd N.
Stephanopis barbipes (Thomisidae): Brushed Front-legs Spider. Babers Rd N.
Stiphidion facetum (Stiphidiidae): Sombrero Spider. Babers Rd N.
Sondra aurea (Salticidae): Golden Sondra Jumping Spider. Babers Rd N.
Storenosoma terraneum (Amaurobiidae): Terrestrial Spider. Babers Rd; Bellbird Cl; Dora Ck; Jones Rd; Rock Forest Rd.
Supunna funerea (Corinnidae): Spotted Black Spider. Babers Rd N.
Tamopsis brisbanensis (Hersiliidae): Brisbane's Two-tailed Spider. Babers Rd N.
Tamopsis novaehollandiae (Hersiliidae): Two-tailed Spider. Babers Rd N.
Tasmanicosa godeffroyi (Lycosidae): Garden Wolf Spider. Cooranbong Pk.
Tasmanicosa musgravei (Lycosidae): Musgrave's Wolf Spider. Babers Rd N.
Tetragnatha demissa (Tetragnathidae): Crouching Long-jawed Spider. Babers Rd N.
Tetragnatha valida (Tetragnathidae): Patternless Long-jawed Spider. Babers Rd N.
Tetranychus urticae (Tetranychidae): Two-spotted Spider-mite. Babers Rd N.
Tharpyna munda (Thomisidae): Tick-mimicking Crab Spider. Cooranbong Pk.
Theridion pyramidale (Theridiidae): Striped Dew-drop Spider. Babers Rd N.
Theridula gonygaster (Theridiidae): Yellow on Black Ladybird Spider. Babers Rd N.
Thomisus spectabilis (Thomisidae): Spectacular Crab Spider. Babers Rd N.
Trachycosmus sculptilis (Trochanteriidae): Sculpted Trochanteriid Spider. Mandalong; Martinsville.
Trombidium sp. 1. (Trombidiidae): Red Velvet Mite. One Tree Hill.
Trombidium sp. 2. (Trombidiidae): Ocellated Red Velvet Mite. Wharf St.
Urodacus manicatus (Urodacidae): Black Rock Scorpion. Avondale Cemetery; Babers Rd N; Watagan Forest.

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Venatrix furcillata (Lycosidae): Little Striped Wolf Spider. Babers Rd N; Cooranbong Pk.

Venatrix ornatula (Lycosidae): Ornate Wolf Spider. Babers Rd N.

Venatrix pictiventris (Lycosidae): Lambda Pattern Wolf Spider. Redbank Rd.

Venatrix speciosa? (Lycosidae): Black Spot Wolf Spider. Babers Rd N.

Xysticus bimaculatus (Thomisidae): Two-striped Crab Spider. Babers Rd N.

*Zosis geniculatus** (Uloboridae): Grey House Spider. Babers Rd N.

Zygomētis xanthogaster (Thomisidae): Yellow-bellied Crab Spider. Babers Rd N.

Myriapoda (Centipedes and Millipedes etc.)

Sixteen species in eight families are listed with one introduced species. As their name suggests they all have many legs although individuals can increase the number of legs during development (some juveniles may have as few as six legs). Only the Scutigerae have compound eyes, others have ocelli or no vision at all. There are no adequate keys for these species and there are more species known from the catchment.

Allothreua maculata, (Scutigerae): Mottled Scutigera.

Amastigogonus hellyeri (Iulomorphidae): Hellyer's Blind Centipede.

Cormocephalus aurantipes (Scolopendridae): Golden-legs Centipede.

Cormocephalus brachycerus (Scolopendridae): Blue-antennae Centipede.

Ethmostigmus rubripes (Scolopendridae): Red-legged Centipede.

Henicops washpoolensis (Henicopidae): Mini Blue-brown Centipede.

Isocladosoma maculatum (Paradoxosomatidae): Pale-striped Millipede.

*Ommatoiulus moreleti**, (Julidae): Striped Millipede.

Parascutigera sp., (Scutigerae): Eastern Forest Scutigera.

Phyllocladosoma broelemanni, (Paradoxosomatidae): Corrugated Millipede.

Pogonosternum nigrovirgatum, (Paradoxosomatidae): White-striped Millipede.

Somethus sp. 1., (Paradoxosomatidae): Striped Somethus Millipede.

Somethus sp. 2., (Paradoxosomatidae): Banded Somethus Millipede.

Spirobolellus dorsovittatus, (Spirobolellidae): Dorsal-striped Millipede.

Scutigera coleoptrata, (Scutigerae): House Centipede.

Sepedonophilus antipodus, (Chilenophilidae): Earth Centipede.

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Myriapoda (Centipedes, Millipedes and Scutigera) by Family

Chilenophilidae (Earth Centipedes)

Sepedonophilus antipodus Earth Centipede

Henicopidae (Centipedes)

Henicops washpoolensis Mini Blue-brown Centipede

Iulomorphidae (Centipedes)

Amastigogonus hellyeri Hellyer's Blind Centipede

Julidae (Julid Millipedes)

*Ommatoiulus moreleti** Striped Millipede

Paradoxosomatidae (Centipedes)

Isocladosoma maculatum Pale-striped Millipede
Phyllocladosoma broelemanni Corrugated Millipede
Pogonosternum nigrovirgatum White-striped Millipede
Somethus sp. 1. Striped Somethus Millipede
Somethus sp. 2. Banded Somethus Millipede

Scolopendridae (Centipedes)

Cormocephalus aurantipes Golden-legs Centipede
Cormocephalus brachycerus Blue-antennae Centipede
Ethmostigmus rubripes Red-legged Centipede

Scutigeridae (Long-legged Centipedes)

Allothereua maculata Mottled Scutigera
Parascutigera sp. Eastern Forest Scutigera
Scutigera coleoptrata House Centipede

Spirobolellidae (Millipedes)

Spirobolellus dorsovittatus Dorsal-striped Millipede

Gastropoda (Includes Slugs and Snails)

There are 52 species listed in 23 families. The list is no doubt incomplete because some species are so small they are difficult to find and also there are probably many more brackish/marine species in Lower Dora Creek to be listed. Nine species are known to have been introduced but there could well be others e.g. introduced by the aquarium trade.

Achatinellidae (Tree Snails)

<i>Tornatellinops jacksonensis</i>	Port Jackson Miniature Treesnail
<i>Tornatellinops mastersi</i>	Master's Miniature Treesnail

Agriolimacidae (Slugs)

<i>Deroceras panormitanum</i> *	Brown Field Slug
<i>Deroceras reticulatum</i> *	Grey Field Slug

Athoracophoridae (Leaf-veined Slugs)

<i>Triboniophorus graeffei</i>	Red-triangle Slug
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Camaenidae (Native Land Snails)

<i>Austrochloritis sydneyensis</i>	Sydney Bristle Snail
<i>Meridolum grayi</i>	Cumberland Land Snail
<i>Pommerhelix duralensis</i>	Purple Patch Snail
<i>Thersites novaehollandiae</i>	New Holland Striped Snail

Charopidae (Charopid Snails)

<i>Decoriopea lirata</i>	Beautiful Pinwheel Snail
<i>Hedleyoconcha delta</i>	Conical Landsnail
<i>Macrophallikoropa belli</i>	Bell's Pinwheel Snail
<i>Pseudiotula euryiana</i>	Timor Caves Pinhead Snail

Cyrenidae (Freshwater Clams)

<i>Corbicula australis</i>	Yellow-brown Freshwater Clam
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Euconulidae (Conical Land Snails)

<i>Coneuplecta calculosa</i>	Calculus Cone Snail
<i>Euconulus fulvus</i>	Brown Hive Snail

Gastrodontidae (Toothed Tree-snail)

<i>Zonitoides arboreus</i> *	Orchid Snail
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Helicarionidae (Broad-shell Snails)

<i>Desidarium rubricus</i>	Scarlet-slime Semi-slug
<i>Gastrocopta pediculus</i>	Weakly Toothed Pupasnail

Gastrocopta strangei
Helicarion mastersi
Mysticarion porrectus
Nitor medioxima
Sheaia glenrockensis
Wilhelminaia mathildae
Glyptophysa novaehollandica

Strange's Pupasnail
 Master's Landsnail. Martinsville.
 Golden Semislug
 Dorrigo Glass-snail
 Hunter Valley Glass Snail.
 Matilda snail
 Pouched Watersnail

Helicidae (Garden Snails)

*Cantareus aspersa**

Garden Snail

Hydrobiidae (Pinhead Snails)

Posticobia brazier

Pinhead Spot Snail

Hygromiidae (Cone Snails)

*Prietocella barbara**

Mediterranean Cone Snail

Limacidae (Slugs)

*Lehmannia nyctelia**

Striped Field Slug

Lymnaeidae (Pond-snails)

Austropeplea tomentosa
Lymnaea peregra
*Lymnaea stagnalis**

Velvet Pond-Snail
 Pond Snail
 Large Pond-Snail

Milacidae (Keeled Slugs)

Milax gagates

Jet Slug

Mytilidae (Mussels)

Bispira manicata
Trichomya hirsuta?
Xenostrobus securis

Narrow Horse Mussel
 Hairy Brackish Mussel
 Little Brown Mussel

Neopilionidae

Megalopsalis minimus

Orange Flash Harvestman,

Physidae (Watersnails)

Physa acuta

Mottled Short-spined Watersnail

Plakobranchidae (Sea Slugs)

Elysia sp. 1.
Elysia sp. 2.

Orange-spotted Sea Slug
 White and Orange-spotted Sea Slug

Planorbidae (Ramshorn Snails)

<i>Ferrisia tasmanicus?</i>	Freshwater Limpet
<i>Gyraulus scottianus?</i>	Flat Ramshorn Snail
<i>Helicorbis australiensis</i>	Overlapping Native Ramshorn Snail
<i>Isidorella newcombi</i>	Newcomb's Watersnail
<i>Helicarion leopardina</i>	Leopard Landsnail

Punctidae (Punctate Snails)

<i>Iotula microcosmos</i>	Tiny Iotula snail
<i>Paralaoma caputspinulae</i>	Prickle Pinhead Snail

Pupillidae (Pupasnails)

<i>Pupisoma evada</i>	Spiny Toothless Pupasnail
<i>Pupisoma microturbinata</i>	Turban Toothless Pupasnail

Rhytididae (Carnivorous Snails)

<i>Austrorhytida capillacea</i>	Common Southern Carnivorous Snail
<i>Terrycarlessia turbinata</i>	Glossy Turban Carnivorous Snail
<i>Victaphanta atramentaria</i>	Gippsland Black Snail
<i>Vitellidelos dulcis</i>	Sydney Carnivorous Snail

Subulinidae (Awlsnails)

<i>Allopeas clavulinus*</i>	Spiked Awlsnail
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Tateidae (Cone Watersnails)

<i>Tatea huonensis</i>	Huon Brackish Water Snail
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Thiaridae (Ridged Trumpet Snails)

<i>Melanoides tuberculata*</i>	Malaysian Trumpet Snail
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Vermetidae (Worm Shells)

<i>Thylacodes sipho?</i>	Brackish Worm Shells
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Annelida (segmented worms, including earthworms, leeches and bristle worms etc.)

Fifteen species are listed in nine families. There are no keys readily available and there are many other species of earthworms, leeches and bristleworms to add to the list.

Domanibdellidae (Jawed Leeches)

<i>Chtonobdella limbata</i>	Striped Forest Leech
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Eudrillidae (African Earthworms)

<i>Eugilus eugeniae*</i>	African Nightcrawler Worm
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Glossiphoniidae (Freshwater Jawless Leeches)

Helobdella papillornata Frilly Leach

Lumbricidae (Earthworms)

*Aporrectodea caliginosa** Misty Earthworm
Aporrectodea trapezoides Southern Earthworm
Eisenia fetida Tiger Worm

Lumbriculidae (Freshwater Worms)

Lumbriculus variegatus Black Worm

Megascolecidae (Earthworms)

Amyntas corticis Black Wiggler Worm
Didymogaster sylvaticus Blue Squirter Earthworm
Digaster longmani? Longman's Giant Earthworm
*Perionyx excavatus** Blue Composting Worm

Nereididae (Clam Worms)

Australonereis ehlersi Bristleworm
Simplisetia aequisetis Squirt Worm
Simplisetia amphidonta? Polychaete Worm
Simplisetia turveyi? Turvey's Polychaete Worm

Onuphidae (Onuphid Worms)

Diopatra aciculata Bait Worm

Sabellidae (Feather Duster Worms)

Bispira manicata? Red-spotted Fanworm

Serpulidae

Pomatoceros sp? Rib-shelled Tubeworm

Tubificidae (Sludge-worms)

Branchiura sowerbyi? Tubificid Worm

Nematomorph (Unsegmented worms)

Only three species in three families are listed below but there are vast numbers of species, many are microscopic and many of them are parasitic. Many nematodes have been seen but no keys are readily available and there are many species that could be added to the list.

Gordiidae (Gordian Worms)

Gordius sp? Gordian Worm

Onchocercidae (Parasitic Worms)

<i>Dirofilaria immitis</i>	Heartworm
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Strongyloididae (Threadworms)

<i>Strongyloides stercoralis</i>	Threadworm
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Nemertea (Ribbon worms)

Ribbon worms are mainly marine, they glide like flat worms but are usually more cylindrical. Only one species found but there are probably others.

Hubrechtidae (Ribbon Worms)

<i>Hubrechtella</i> sp.	Pink Ribbon Worm
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Turbellaria (Flat worms)

The flat worms may be either aquatic or terrestrial. They are mostly small but may reach many centimetres in length. They just glide over the substrate much like snails. There are probably other species to be added to this list.

Bipaliidae (Hammerhead Worms)

<i>Bipalium kewense</i> *	Hammerhead Flatworm
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Diphyllobothriidae (Parasitic Worms)

<i>Spirometra</i> sp.	Sparganum Worm
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Dugesiidae

<i>Dugesia</i> sp?	Translucent Planarian
<i>Spathula</i> sp? 1.	Black Aquatic Flatworm
<i>Spathula</i> sp? 2.	Grey Aquatic Flatworm
<i>Spathula</i> sp? 3.	Brown Aquatic Flatworm
<i>Spathula</i> sp? 4.	White Aquatic Flatworm

Geoplanidae (Terrestrial Flatworms)

<i>Caenoplana coerulea</i>	White-striped Black Flatworm
<i>Caenoplana sanguinea</i> ?	Brown Striped Flatworm
<i>Caenoplana</i> sp.	Blue Planarian

Xenacoelomorpha?

NB. The identity of this White-shouldered Flatworm is open to question. It appears similar to a Turbellarian and was found in Lower Dora Ck. This species was about 2mm long, fusiform without triangular head, with a fast gliding movement, colour was dark grey with off-white ‘shoulder’ patch, no eye-spots or auricles seen. There are no keys available and no photographs were found of this species.

Convolutidae? (Gliding Worms)

Convoluta sp?

White-shouldered Flatworm

Cnidaria (Jellyfish, Corals, Sea Anemones Etc.)

Two families and two genera with two introduced species are represented in this list. It is probable that other marine species are present in the Dora Creek Estuary. Other species may move in from time to time from Lake Macquarie especially in times of drought when the Estuary becomes more saline.

Actiniidae (Sea Anemones)

Actinia australiensis.

Orange Sea Anemone

Hydridae (Hydra)

*Hydra oligactis**

Grey-brown Hydra

*Hydra viridissima**

Green Hydra

Desmospongiae (Sponges)

Although there are many marine sponges only one freshwater species has been recorded From the Dora Ck catchment.

Spongillidae

Spongilla sp.

Freshwater Sponge

Protista

There are many thousands of species of microfauna in the Dora Creek catchment and a microscope is needed to find most of them. Only a few are recorded here, the slime moulds are particularly interesting as they often form clumps that might appear like fungi. Many other species e.g. Rotifers, Euglena, Amoeba etc. are known to be commonly present.

Nucleariidae (

<i>Fonticula flava?</i>	Volcano Slime Mould
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Parameciidae (Paramecia)

<i>Paramecium</i> sp.	Paramecium
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Physaraceae (Scrambled Egg Slime Moulds)

<i>Fuligo septica</i>	Yellow Slime Mould
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Stemonitidaceae (Tree Hair Slime Moulds)

<i>Stemonitis axifera</i>	Hairy Slime Mould
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Tubiferaceae (Toothpaste Slime Moulds)

<i>Lycogala epidendrum</i>	Pink Pillow Slime Mould
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Vorticellidae (Bell Animalcules)

<i>Vorticella campanulata</i>	Common Vorticella
<i>Vorticella convalaria</i>	Large Bulbous Vorticella

LIST 9: Endangered and Vulnerable Invertebrate Fauna Species

Nationally Significant Species: The following fauna species have been reported from the Dora Creek Catchment and are classed as endangered or vulnerable in the Environment Protection and Biodiversity Conservation Act (EPBC) 1999.

The list is very small not because there are very few threatened invertebrates but because they are largely data deficient and therefore their conservation status cannot be properly assessed. The Giant Dragonfly is included because of old records (and recent unconfirmed reports) of its presence and because it is highly mobile it is likely to be still present somewhere.

Petalura gigantea

Giant Dragonfly

Snail

LIST 10: Invertebrate Gap Species

While compiling this inventory, the authors have noted that for many species as shown in the web-based *Atlas of Living Australia* (particularly of invertebrates and plants) localities could be found in the Sydney area but the next record along the east coast might be in the Newcastle /Hunter area or even as far north as Queensland. Coastal species found just north and south of the Dora Creek Catchment are listed as ‘Gap Species’, many of which are likely to be found in the catchment in the future. (The authors have already found a number of the flora ‘Gap Species’ since the publication in 2014 of the ‘Flora’ volume). For many of these species it is likely that the disjunction represents a lack of reported observations in the catchment rather than an actual absence of the species from the catchment. The gap species are not included in the lists of reported species. This list is far from complete but consists of species that we happened to come across during the study. It is anticipated that future surveys within the catchment will lead to the transfer of many gap species to the primary list (although more surveys in surrounding areas are likely to increase the number of ‘gap species’). It is also expected that with continued global warming that more Queensland species will become New South Wales species. Several species in the lists below have never been recorded this far south before. One notable species, the large iconic iridescent blue Ulysses Butterfly (*Papilio ulysses*) previously found ‘north of Mackay’ has been seen at several localities in the Lake Macquarie area over recent years.

During the compilation of this inventory, it became apparent that for many species for which there are locality records in the Lower Hunter and Central Coast regions, the web-based *Atlas of Living Australia* shows a gap or break in the west Lake Macquarie area in otherwise more-or-less continuous distributions of the species along the mid-coastal region of New South Wales. These were termed “gap species”. Some of the species for which there are no reports from the Dora Creek Catchment are known from the eastern side of Lake Macquarie or from surrounding areas such as Quorrobolong, Olney & Cessnock regions. The frequency of this discontinuity prompted the idea of compiling a list of these gap species. While it is possible that for some species there may be ecological factors that exclude them from the catchment, considering the diversity of communities within the catchment (see page 7), for many of these species it is likely that the gap represents a lack of reported observations rather than an absence of the species from the catchment.

The gap species are not included in the inventory of species reported within the catchment but are recorded here. The purpose of including the gap species is to draw attention to them. There may well be records of these species from within the catchment of which the authors are unaware, while future survey work will no doubt mean that some gap species will move to the inventory list.

The gap species list was generated using the following criteria:

1. While checking distributions of species found in other localities on the variable-scale distribution maps as found in the web-based *Atlas of Living Australia* series some species were found which were apparently missing from the Dora Creek catchment. These data were used to generate a list of species, the ranges of which extended both to the north and south of the catchment along the east-coast of New South Wales.
2. This created a list of species whose broad geographic ranges included the Central Coast to Hunter region but which had not been reported from within the Dora Creek Catchment.
3. For a species to be retained on the “gap species” list, it must have no recorded presence within the catchment but be reported from both the north and south of the catchment with at least one of the localities being within 100km (Port Stephens area or closer in the north or

Sydney or closer in the south). The maximum “gap” defined by these limits thus spans about 200km parallel to the coast.

Because the Dora Creek catchment has such diverse ecological communities it is very likely that, with more intensive surveys many more species will be found. This is especially the case with poorly surveyed areas such as the Dora Creek Estuary. Given that the *Atlas of Living Australia* series is far from complete it is also likely that more surveys in the wider region will generate additional gap species. On the other hand, as more studies of the fauna (and particularly the invertebrate fauna) are undertaken within the catchment, some species will be transferred from the “gap species” list to the inventory of species known within the catchment.

Acraspisa parva? (Therevidae): Gall Wasp. Edgeworth; Kuring-gai.
Anax papuensis, (Aeschnidae): Emperor Dragonfly. Kahibah; Lake Haven.
Arunta perulata, (Cicadidae): White Drummer Cicada. Woy Woy; Redhead.
Birrima varians, (Cicadidae): Black Tree-ticker Cicada. Doyalson.
Brevisentis atratus, (Helicarionidae): Black Glass-snail Hawkesbury; Port Stephens.
Candalides hyacinthine, (Lycaenidae): Varied Dusky Blue Butterfly. Gosford; Wangi.
Catopsilia gorgophone, (Pieridae): Yellow Migrant Butterfly. Narrabeen; Wangi.
Chlorodectes ligaenus Tettigoniidae Loud Green Shieldback Mt Sugarloaf; Belmont.
Coniopteryx lobata, (Coniopterygidae): Lobe-winged Lacewing. Ourimba.
Coptotermes sp., (Termitidae): Microtermite. Scribbly-gum Reserve.
Coracina lineata, (Campephagidae): Barred Cuckoo-shrike. Hornsby; Lemon Tree Passage.
Cruria synopla, (Noctuidae): White-spotted Moth. Gosford; Wangi.
Cryptotermes primus, (Termitidae): Prime Termite. Jiliby; Wyong.
Cystosoma saundersii, (Cicadidae): Bladder Cicada. Lisarow; Maryland.
Danaus chrysippus, (Nymphalidae): Plain Tiger Monarch Butterfly. Ebenezer; Newcastle.
Drymopsalta daemeli, (Cicadidae): Brown Heath-buzzer. Doyalson.
Drysdalia coronoides, (Elapidae): White-Lipped Snake.
Drysdalia rhodogastra, (Elapidae): Rose-bellied Snake.
Fastosarion freycineti, (Helicarionidae): Freycinet's Snail. Wamberal.
Galanga labellata, (Cicadidae): Double-spotted Cicada. Branxton; Berkeley Vale.
Graphium macleayanum, (Papilionidae): Macleay's Swallowtail. Ourimbah; Toronto.
Hapalochlaena maculosa, (Belonidae): Stout Longtom. Lake Macquarie.
Henicopsaltria eydouxii, (Cicadidae): Razor Grinder Cicada. Olney State Forest.
Heteronympha mirifica, (Nymphalidae): Wonder Brown Butterfly. Gosford; Newcastle.
Hypocysta metirius, (Nymphalidae): Brown Ringlet Butterfly. Central Coast; Wangi.
Jalmenus evagoras, (Lycaenidae): Common Imperial Blue Butterfly. Gosford; Belmont.
Jotus remus, (Salticidae): Paddle-waving Jumping Spider. Central Coast; Barrington.
Junonia villida, (Nymphalidae): Meadow Argus Butterfly. Ourimbah; Belmont.
Lampides boeticus, (Lycaenidae): Long-tailed Pea-blue Butterfly. Wadalba; Wangi.
Macrotristria angularis, (Cicadidae): Cherrynose Cicada. Newcastle; Hawkesbury.
Megalopsalis serritarsus? (Neopilionidae): Orange-coxae Harvestman. Mulbring; N Turrumurra.
Mysticarion porrectus, (Helicarionidae): Golden Semslug. Wamberal.
Mythimna convecta, (Noctuidae): Australian Armyworm Moth. Koompahtoo.
Octopus tetricus, (Octopodidae): Blue-ringed Octopus. Lake Macquarie.
Palapsalta circumdata, (Cicadidae): Bronze Tree-buzzer. Berowra; Port Stephens.
Paraguda australasiae (Lasiocampidae): Wattle Snout-moth. Central Coast; Newcastle.
Paralucia aurifer, (Lycaenidae): Bright Copper Butterfly. Hawkesbury; Wangi.
Parmavitrina megastoma (Helicarionidae): Flat-shield Semi-slug. Bullahdelah; Sydney.
Pauropsalta fuscata (Cicadidae): Brown Bark Squealer Cicada. Rathmines.
Pauropsalta aktites (Cicadidae): Small Bark Squealer Cicada. Pittwater; Taree.
Peloparion helenae (Helicarionidae): Tourmaline Semi-slug. Kinkumber; Myuna Bay.
Peloparion iridis (Helicarionidae): Iridis Semi-slug; Scotland Isl; Myuna Bay; Budgewoi.
Petalura gigantea, (Petaluridae): Giant Dragonfly. Croudace Bay; Killarney Vale.

Phalaenoides tristifica, (Noctuidae): Black and White Owlet Moth. Wadalba; Wangi.
Polyura sempronius, (Nymphalidae): Tailed Emperor Butterfly. Woy Woy; Warners Bay.
Psaltoda plaga, (Cicadidae): Black Prince. Rathmines.
Psychonotis caelius, (Lycaenidae): Small Green-banded Blue Butterfly. Wangi; Wisemans Ferry.
Rhytidoponera confuse, (Formicidae): Confusing Green-head Ant. South Sydney & Myall Lakes.
Rhytidoponera croesus, (Formicidae): Croesus Green-head Ant. Gosford; Myall Lakes.
Sylphoides arenaria, (Cicadidae): Sand Fairy. Manly; Redhead.
Tamasa tristigma (Cicadidae): Brown Bunyip Cicada. Hawkesbury; Forster.
Tetrachroa edwardsi (Sphingidae): Edward's Hawk Moth. Wadalba; Newcastle.
Theristria stigma (Mantispidae): Stigma-winged Mantispid. Belmont; Narara.
Thopha saccata (Cicadidae): Double Drummer Cicada. Pulbah Island; Noraville.
Xylion cylindricus (Bostrichidae): Cylindrical Auger Beetle. Morisset Pk NW.
Yoyetta celis (Cicadidae): Silver Princess Yoyetta Cicada. Berkeley Vale; Charlestown.

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Spiders: <http://www.flickr.com/photos/australianspiders/collections/72157622669463297/>

Threatened Species:

<http://www.environment.nsw.gov.au/threatenedSpeciesApp/cmaSearchResults.aspx?CmaName=Hun>

ter-Central%20Rivers&SubCmaId=0 Tetramorium Ants: <http://www.antwiki.org/wiki/Key>

Various Species: <https://www.inaturalist.org/taxa/>

Water Snails: http://keys.lucidcentral.org/keys/v3/freshwater_molluscs/

Wolf Spiders: <http://lycosidae.info/identification/australia/>



Housefly, *Musca* sp. Photo Greg Cormack

This inventory was compiled to complement the inventory of native Dora Creek Catchment flora (Annable & Fisher, 2014, The Valley of a Thousand Plants).