

King Island Bush Blitz
***Insects (primarily terrestrial),
excluding Lepidoptera***

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Nomenclature and taxonomy used in this report is consistent with:

[The Australian Faunal Directory](#) (AFD)

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List of contributors

List of contributors to this report.			
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Abstract

A survey of King Island's insects was conducted as part of the Bush Blitz held on the island 23-30 October, 2023. This report concerns the insects, other than Lepidoptera and most aquatics, which will be reported on by others. Whilst the weather was not in our favour, through covering a lot of ground and employing a range of sampling techniques, I accumulated a reasonable list of insect taxa, the majority of which seem not to have been documented for King Island previously. The additions included many widespread Tasmanian species, but also some with more restricted distributions within the state, as well as a couple of taxa not otherwise known from Tasmania but occurring on the Australian mainland. Once Malaise trap samples are sorted, the list will grow further. Some of the unidentified taxa undoubtedly represent undescribed species; some of these may be unique to King Island, but this cannot yet be ascertained. Given King Island's unique biogeographical position and isolation – factors likely to engender an unusual fauna – further survey, in better conditions, is encouraged and would undoubtedly fill in many more knowledge gaps.

1. Introduction

Tasmania's insect fauna is increasingly well documented, but coverage is patchy, both taxonomically and geographically. In particular, there remain prominent geographic gaps, chiefly in those regions most remote from the main population centres. One of these gaps is King Island. Early interest in the island's insects (e.g., Lea, 1908) was seemingly not followed through in the intervening century, despite recognition that the island's isolation is a driver of local endemism (for instance, among the much better-known birds). Zoologists from QVMAG, visiting in May 2019, added many insect species to the island's list, primarily among the beetles; they also rediscovered the stag-beetle, *Lissotes crenatus*, which had been collected there by François Péron on Baudin's 1800-1803 New Holland expedition but not reliably documented since (Maynard *et al.*, 2019). But no single visit can be expected to capture the fauna in anything close to its entirety. The present Bush Blitz survey, therefore, represents just one more step in that on-going process.

As it turned out, the weather was not in our favour: we experienced strong winds, squalls and below-average temperatures throughout the week. Nevertheless, through covering a lot of ground and employing a range of sampling techniques, I accumulated a reasonable list of insect species, the majority of which seem not to have been documented for King Island previously, in that neither do they appear in Lea (1908) nor are there any other records of them on either the Atlas of Living Australia or the Tasmanian Natural Values Atlas.

2. Methods

2.1 Site selection

Sites were selected to ensure a wide geographical and habitat-based coverage, primarily within the existing protected-area network, and primarily concordant with those selected by other Bush Blitz participants (since we conducted field work in groups). Visits were also timed to minimise exposure to the strong winds that blew from different directions on different days.

2.2 Survey techniques

My survey method of choice was sweep-netting and the allied technique of beating vegetation over an open net. Both techniques aim to dislodge insects at rest on vegetation. Some insects were netted in flight. I also engaged in general fossicking, such as turning over logs and

stones. I used a set of sieves to sift leaf-litter and sand, and a dip-net to sample a few aquatic insects (though I left much of that fauna to my colleague, Dr Karen Richards, who is reporting on these separately). Other expedition participants with different taxonomic focuses also adopted many of these techniques and passed on their 'non-core' specimens to me.

2.2.1 Methods used at standard survey sites

At the three Standard Survey Sites, I also employed pitfall traps and coloured pan traps, which I established on the first or second day of the Bush Blitz. These techniques both rely on insects dropping into the trap – the former for ground-active insects; the latter for insects flying overhead, where the pans' bright colours stimulate them to dive down to investigate. Pitfall traps were run 'dry' (i.e. without employing killing or preserving fluid) and collected up at the end of the Bush Blitz; while the pan traps were charged with water plus a drop of detergent (to reduce surface tension), and also run for the duration of the Bush Blitz.

I also deployed tent-like Malaise traps – a form of flight intercept trap – at Standard Survey Sites. These work best when left to sample for many weeks. Accordingly, they were left in the care of some helpful local residents, Lizzie Cambra and Margaret Batey (KI Field Naturalists Club) and Shelley Graham (PWS), who changed the sample bottles every month, maintained and repaired the traps over the summer, and eventually dismantled them at the end of the season, returning the samples to me via another islander, Heidi Weitjens (KI Distillery). These samples still await my attention and the records of whatever specimens I eventually extract and identify from them will be uploaded to the ALA at a later date.

2.3 Identifying the collections

All specimens were lodged into the TMAG collections. Identifications were made through comparison with other material in the collections, as well as through consulting the relevant keys or taxonomic descriptions where time and resources permitted. Otto Bell, Keith Martin-Smith, Dan Bickel, Perry Beasley-Hall and Elias de Bree identified some of the insect specimens belonging to particular taxonomic groups in which they specialise (see List of Contributors). All other specimens were identified by the author.

3. Results and Discussion

Appendix 1 lists all insects collected by me (or by fellow expedition participants who contributed insect specimens that I report on here) during the Bush Blitz and since added to the TMAG collections. Collections made during this Bush Blitz will result in 902 specimens being added to public collections and 573 records being added to publicly accessible databases.

3.1 Un-named or not formalised taxa

Taxonomic information on many insect taxa is so sparse that it is often not possible – for me at least, within the reporting timeframe – to determine whether an unidentified species is merely 'un-named or not formalised', or a 'putative new species'. In this report, I have lumped all such unresolved taxa in the one table in this Section. Besides these, there are many further taxa in the final list (Appendix 1) that I only identified to the level of family or genus.

Table 1. Putatively un-named or not formalised taxa	
Taxon	Comment
<i>Heteromastix</i> sp TMAG_F143857	A soldier-beetle. The four KI specimens are the only TAS records known to me. It could be an outlier of a described or undescribed mainland Australian species.
<i>Agonocheila</i> sp TMAG_F143186	A ground-beetle. The two KI specimens are the only TAS records known to me. They could be outliers of a described or undescribed mainland Australian species.
<i>Prosopogmus</i> sp TMAG_F143292	A ground-beetle. The single KI specimen is the only TAS record known to me. It could be an outlier of a described or undescribed mainland Australian species.
<i>Arsipoda</i> sp TMAG_F143147	A flea-beetle. The single KI specimen is the only TAS record known to me. It could be an outlier of a described or undescribed mainland Australian species.
<i>Monolepta</i> sp TMAG_F143135	A leaf-beetle. The five KI specimens are the only TAS records known to me. They could be outliers of a described or undescribed mainland Australian species.
<i>Peltoschema</i> DE LITTLE sp 02	A leaf-beetle. Other than the single KI specimen, also known to me from many parts of Tasmania.
<i>Platycolaspis</i> sp TMAG_F143146	A leaf-beetle. The four KI specimens are the only TAS records known to me. They could be outliers of a described or undescribed mainland Australian species.
<i>Lemidia</i> sp TMAG_F142417	A chequered-beetle. The single KI specimen is the only TAS record known to me. It could be an outlier of a described or undescribed mainland Australian species.
<i>Diomus</i> sp TMAG_F143397	A ladybird. The two KI specimens are the only TAS records known to me. They could be one of the Tasmanian species, which are difficult to identify, or outliers of a described or undescribed mainland Australian species.
<i>Asceparnodes</i> sp TMAG_F143627	A weevil. The single KI specimen is the only TAS occurrence record known to me. The only described species in genus (<i>Asceparnodes duplicatus</i>) is found in VIC, so it could be that species, but this has yet to be determined.
<i>Baeosomus</i> BELL sp 01	A weevil. This taxon is known to me from the single KI specimen, plus a series of 12 that I collected in the Tasmanian Midlands. The only described species in genus (<i>Baeosomus uvidus</i>) is found in VIC, so it could be that species, but since there are several undescribed species known to Tasmanian weevil expert Otto Bell in TAS alone, this seems unlikely.
Cossoninae unplaced TFIC sp 09	A weevil, and member of a poorly known subfamily. Other than the single KI specimen,

	what appears to be the same taxon is known to me from many specimens from Warra in Tasmania's southern forests.
<i>Elleschodes</i> sp TMAG_F143155	A weevil, and member of a poorly known genus. The single KI specimen is the only one known to me. It could be an outlier of a described or undescribed mainland Australian species.
<i>Emplesis</i> TFIC sp 05	A weevil, and member of a poorly known genus, but this taxon is known to me from Warra in Tasmania's southern forests, as well as Woolnorth in the NW.
<i>Encosmia</i> sp TMAG_F115794	A weevil, and member of a poorly known genus, but this taxon is known to me from many localities across Tasmania.
<i>Mandalotus</i> sp TMAG_F143182	A weevil, and member of a very diverse and poorly known genus. The KI specimen is the only one known to me. It could be an outlier of a described or undescribed mainland Australian species.
<i>Notobrachypterus</i> TFIC sp 01	A kateretid beetle. The species is widespread across Tasmania, but I have yet to identify it to species; it may be undescribed.
<i>Zeadolopus</i> TFIC sp 02	A rounded fungus-beetle. The species is widespread across Tasmania, but I have yet to identify it to species; it may be undescribed.
<i>Orthorhinus</i> TFIC sp 01	A weevil. The species is widespread across Tasmania, but I have yet to identify it to species; it may be undescribed.
<i>Uroleptops</i> sp TMAG_F143613	A weevil. The two KI specimens are the only TAS records known to me. They could be outliers of a described or undescribed mainland Australian species.
<i>Austrocardiophorus</i> sp TMAG_F95158	A click-beetle. Other than the single KI specimen, also known to me from the far NE of Tasmania, so it could be an outlier of a described or undescribed mainland Australian species.
Elateridae unplaced sp TMAG_F143449	A click-beetle, not yet even identified to genus. The four KI specimens are the only ones known to me. They could be outliers of a described or undescribed mainland Australian species.
<i>Orchesia</i> sp TMAG_F143194	A false darkling-beetle, and member of a poorly known genus. The single KI specimen is the only one known to me. It could be an outlier of a described or undescribed mainland Australian species.
<i>Palaestra</i> sp TMAG_F96240	A blister-beetle. Other than the single KI specimen, also known to me a single specimen from the far NE of Tasmania, so it could be an outlier of a described or undescribed mainland Australian species.
<i>Meligethinae</i> unplaced sp TMAG_F98025	A sap-beetle. Other than the single KI specimen, also known to me from a few localities across Tasmania, including the far NW.

Oedemeridae unplaced sp TMAG_F145429	A false blister-beetle, not yet even identified to genus. The KI specimen is the only one known to me.
<i>Acrotrichis</i> TFIC sp 01	A feather-winged beetle. Other than the single KI specimen, also known to me from many localities across Tasmania, but I have yet to identify it to species; it may be undescribed.
<i>Anotylus</i> sp TMAG_F143299	A rove-beetle. The three KI specimens are the only TAS records known to me. They could be one of the Tasmanian species, which are difficult to identify, or outliers of a described or undescribed mainland Australian species.
<i>Anotylus</i> sp TMAG_F47308	A rove-beetle. Other than the single KI specimen, also known to me from a few localities across Tasmania, but I have yet to identify it to species; it may be undescribed.
<i>Sepedophilus</i> TFIC sp 08	A rove-beetle. Other than the single KI specimen, also known to me from a few localities in southern Tasmania, but I have yet to identify it to species; it may be undescribed.
<i>Adelium</i> sp TMAG_F143289	A darkling beetle, and member of a diverse genus. The single KI specimen is the only one known to me. It could be an outlier of a described or undescribed mainland Australian species.
<i>Cerdistus</i> sp TMAG_F128822	A robberfly, and member of a diverse genus. Other than the single KI specimen, also known to me from a single locality in NW Tasmania, so it could be an outlier of a described or undescribed mainland Australian species
<i>Batrachomyia</i> sp TMAG_F97691	A frog-eating fly. Other than the two KI specimens, known to me from a few localities in the far NE and NW of Tasmania, so it could be an outlier of a described or undescribed mainland Australian species.
<i>Empis</i> sp TMAG_F145457	A dance-fly, and member of a diverse genus. The single KI specimen is the only TAS record known to me. It could be an outlier of a described or undescribed mainland Australian species.
<i>Empis</i> sp TMAG_F145503	A dance-fly, and member of a diverse genus. The single KI specimen is the only TAS record known to me. It could be an outlier of a described or undescribed mainland Australian species.
<i>Hilara</i> sp TMAG_F31514	A dance-fly, and member of a diverse genus. Other than the two KI specimens, also known to me from a few localities across Tasmania, but I have yet to identify it to species; it may be undescribed.
<i>Hilarempis</i> sp TMAG_F143212	A dance-fly, and member of a diverse genus. The single KI specimen is the only one known to me. It could be an outlier of a described or undescribed mainland Australian species.
<i>Hilarempis</i> sp TMAG_F143565	A dance-fly, and member of a diverse genus. The two KI specimens are the only ones known

	to me. They could be outliers of a described or undescribed mainland Australian species.
<i>Ceratolauxania</i> sp TMAG_F113917	A lauxaniid fly, and member of a diverse genus. Other than the single KI specimen, also known to me from two localities in eastern Tasmania, but I have yet to identify it to species; it may be undescribed.
<i>Gynoplistia</i> sp TMAG_F95911	A crane-fly, and member of a diverse genus. Other than the single KI specimen, also known to me from three other Tasmanian localities, but I have yet to identify it to species; it may be undescribed.
Periscolididae unplaced sp TMAG_F143669	A periscolidid fly, not yet even identified to genus. The KI specimen is the only one known to me.
Psychodidae unplaced sp TMAG_F143524	A moth-fly, not yet even identified to genus. The KI specimen is the only one known to me.
<i>Inopus</i> sp TMAG_F98540	A soldierfly. Other than the two KI specimens, also known to me from the far NE and far NW of Tasmania, so these could be outliers of a described or undescribed mainland Australian species.
<i>Odontomyia</i> sp TMAG_F143516	A soldierfly, and member of a poorly known genus. The single KI specimen is the only one known to me. It could be an outlier of a described or undescribed mainland Australian species.
<i>Austrotephritis</i> cf HARDY & DREW sp A	A picture-winged fly, and member of a genus that was reviewed by Hardy and Drew (1996), at which time this taxon was a 'known unknown', recorded from VIC. I believe it remains undescribed. The single KI specimen that I tentatively assigned to this taxon is the only TAS one known to me.
<i>Elasmostethus</i> sp TMAG_F98349	A shield-bug that is widespread across Tasmania, but I have yet to identify it to species; it may be undescribed.
<i>Eupolemus</i> sp TMAG_F96017	A shield-bug. Other than the four KI specimens, also known to me from the far NE of Tasmania, so these could be outliers of a described or undescribed mainland Australian species
<i>Adrisa</i> sp TMAG_F12862	A burrowing bug. Other than the single KI specimen, also known to me from a few localities across Tasmania, but I have yet to identify it to species; it may be undescribed.
<i>Nabis</i> sp TMAG_F143737	A damsel-bug. The three KI specimens are the only TAS records known to me. They could be outliers of a described or undescribed mainland Australian species.
<i>Ephutomorpha</i> sp TMAG_F105605	A velvet-ant, and member of a diverse and poorly known genus. Other than the two KI specimens, I know of specimens from western and southeastern TAS.

3.2 Putative new species (new to science)

In this report, 'putative new species' means an unnamed species that, as far as can be ascertained, was identified as a new species as a direct result of this Bush Blitz. I have determined that a single taxon meets this criterion.

Species	Comment
<i>Speleotettix</i> sp TMAG_F143322	A cave-cricket. The KI specimen, which was found under a log by Kevin Bonham at Pennys Lagoon, has been identified by Perry Beasley-Hall (expert in this group) as an undescribed member of its genus, probably endemic to KI. The genus does not otherwise occur in TAS, though it is present in VIC and NSW. Another KI cave-cricket loaned to Perry from the TMAG collections, collected by Bob Mesibov in 1998 and only identified to subfamily at the time, is probably also this taxon.

3.3 Exotic and pest species

Only a single exotic insect species was recorded.

Exotic/pest species	Location sighted/observed	Indication of abundance	Comments
<i>Apis mellifera</i>	Widely	Common	Honeybee – domesticated but also widespread as a feral species

3.4 Threatened species

No known threatened insect species were recorded.

Species	Listing status and level (EBPC, State/Territory)	Location sighted/observed	Indication of abundance
-	-	-	-

3.5 Range extensions

A high proportion of the species collected and identified apparently constitute new records for King Island (in the sense that there are no records from KI in the Atlas of Living Australia or Tasmanian Natural Values Atlas, or in Lea, 1908), reflecting the paucity of previous recording efforts. Most species are known from Tasmania, but two apparently constitute new records for the State.

Table 5. Range extensions or significant infill in distribution records for species

Species	Location sighted/observed	Distance from nearest known record (km)	Comments
<i>Platyzosteria melanaria</i>	Big Lake: southeastern shoreline	>100 km	Not recorded from KI in ALA or NVA, but widespread in TAS.
<i>Heteromastix nigripes</i>	Sea Elephant Road: near Saltwater Creek; Sea Elephant Road: junction with Blowhole Road	>100 km	Not recorded from KI in ALA or NVA, but widespread in TAS.
<i>Heteromastix pauxillus</i>	Sea Elephant Road: near Saltwater Creek	>100 km	Not recorded from KI in ALA or NVA, but widespread in TAS.
<i>Acallistus tasmanicus</i>	Colliers Swamp Conservation Area: near Seal River Road; Big Lake: southeastern shoreline	>100 km	Not recorded from KI in ALA or NVA, but widespread in TAS.
<i>Bembidion proprium</i>	Big Lake: southeastern shoreline	>300 km	Not recorded from KI in ALA or NVA (though the genus <i>Bembidion</i> is), otherwise known from E TAS.
<i>Notiobia viridipennis</i>	Sea Elephant Beach: end of Blowhole Road	>100 km	Not recorded from KI in ALA or NVA, but widespread in TAS.
<i>Trechimorphus diemenensis</i>	Yarra Creek area: Milkwood Road crossing	>100 km	Not recorded from KI in ALA or NVA, but widespread in TAS.
<i>Chaetocnema propinqua</i>	Lake Flannigan: southern shoreline	>300 km	Not recorded from KI in ALA or NVA, otherwise known from NE TAS.
<i>Ditropidus semicrudus</i>	Colliers Swamp Conservation Area: Seal River Road near Macks Creek ; Counsel Hill: dip by	>100 km	Not recorded from KI in ALA or NVA, but widespread in TAS.

	Reekara Road; Counsel Hill: southern slope by Reekara Road; Martha Lavinia Road: heathland; Pennys Lagoon; Sea Elephant Road: junction with Blowhole Road; Seal Rocks: Copper Head trail: southern section		
<i>Eboo villosa</i>	Martha Lavinia Road: heathland	>100 km	Not recorded from KI in ALA or NVA, but widespread in TAS.
<i>Geloptera jugularis</i>	ounsel Hill: southern slope by Reekara Road; Counsel Hill: trackside to northeast; Sea Elephant Road: junction with Blowhole Road; Sea Elephant Road: near Saltwater Creek	>100 km	Not recorded from KI in ALA or NVA, but widespread in TAS.
<i>Peltoschema</i> DE LITTLE sp 02	Colliers Swamp Conservation Area: near bridge on Seal River Road	>100 km	Not recorded from KI in ALA or NVA, but widespread in TAS.
<i>Blackburniella intricata</i>	Pennys Lagoon	>100 km	Not recorded from KI in ALA or NVA, but widespread in TAS.
<i>Lemidia subaenea</i>	Colliers Swamp Conservation Area: near bridge on Seal River Road; Lavinia Beach: end of Martha Lavinia Road; Pennys Lagoon; Seal Rocks: Calcified Forest trail; Yellow Rock River: mouth	>100 km	Not recorded from KI in ALA or NVA, but widespread in TAS.
<i>Rhyzobius forestieri</i>	Sea Elephant Road: near Saltwater Creek	>100 km	Not recorded from KI in ALA or NVA, but widespread in TAS.
<i>Rhyzobius pulchellus</i>	Fraser River: Fraser Road crossing	>100 km	Not recorded from KI in ALA or NVA, but widespread in TAS.
<i>Ancyttalia oleariae</i>	Counsel Hill: trackside to	>100 km	Not recorded from KI in ALA or NVA,

	northeast; Pennys Lagoon		but widespread in TAS.
<i>Baeosomus</i> BELL sp 01	Martha Lavinia Road: heathland	>300 km	Not recorded from KI in ALA or NVA, otherwise known from E TAS.
<i>Baris vagans</i>	Counsel Hill: southern slope by Reekara Road; Counsel Hill: trackside to northeast	>100 km	Not recorded from KI in ALA or NVA, otherwise known from scattered localities across TAS.
Cossoninae unplaced TFIC sp 09	Fraser River: Fraser Road crossing	>100 km	Not recorded from KI in ALA or NVA, otherwise known from scattered localities across TAS.
<i>Dyschoenium minutissimum</i>	Counsel Hill: trackside to northeast	>300 km	Not recorded from KI in ALA or NVA, otherwise known from two localities in S TAS.
<i>Emplesis</i> TFIC sp 05	Lake Flannigan: southern shoreline; Pegarah Nature Reserve	>100 km	Not recorded from KI in ALA or NVA, otherwise known from localities in S and NW TAS.
<i>Encosmia</i> sp TMAG_F115794	Counsel Hill: trackside to northeast; Sea Elephant Road: junction with Blowhole Road	>100 km	Not recorded from KI in ALA or NVA, otherwise known from scattered localities across TAS.
<i>Orthorhinus</i> TFIC sp 01	Fraser River: Fraser Road crossing	>100 km	Not recorded from KI in ALA or NVA, but widespread in TAS.
<i>Pantoreites illuminatus</i>	Seal Rocks: Copper Head trail: southern section	>100 km	Not recorded from KI in ALA or NVA, otherwise known from localities across N TAS.
<i>Poropterus succisus</i>	Pegarah Nature Reserve	>100 km	Not recorded from KI in ALA or NVA, but widespread in TAS.
<i>Storeus albosignatus</i>	Fitzmaurice Bay: Boggy Creek: tufa terraces; Lavinia Beach: end of Martha Lavinia Road; Pennys Lagoon	>100 km	Not recorded from KI in ALA or NVA, but widespread in TAS.

<i>Chostonectes gigas</i>	Colliers Swamp Conservation Area: creek at Seal River Road	>100 km	Not recorded from KI in ALA or NVA, but widespread in TAS.
<i>Necterosoma penicillatum</i>	Fitzmaurice Bay: Boggy Creek: tufa terraces	>100 km	Not recorded from KI in ALA or NVA, but widespread in TAS.
<i>Sternopriscus meadfootii</i>	Colliers Swamp Conservation Area: creek at Seal River Road	>300 km	Not recorded from KI in ALA or NVA (though the genus <i>Sternopriscus</i> is), otherwise known from E TAS.
<i>Agrypnus impressicollis</i>	Yarra Creek area: Milkwood Road crossing	>100 km	Not recorded from KI in ALA or NVA, but widespread in TAS.
<i>Agrypnus pictipennis</i>	Sea Elephant Beach: end of Blowhole Road	>100 km	Not recorded from KI in ALA or NVA, but widespread in TAS.
<i>Austrocardiophorus litoralis</i>	Sea Elephant Beach: end of Blowhole Road	>100 km	Not recorded from KI in ALA or NVA, otherwise known from localities around N and E coast of TAS.
<i>Austrocardiophorus</i> sp TMAG_F95158	Seal Rocks: Copper Head trail: southern section	>300 km	No members of genus from KI in ALA or NVA, otherwise known from far NE of TAS.
<i>Crepidomenus decoratus</i>	Fitzmaurice Bay: Boggy Creek: tufa terraces	>100 km	Not recorded from KI in ALA or NVA, but widespread in TAS.
<i>Crepidomenus taeniatus</i>	Fraser River: Fraser Road crossing; Martha Lavinia Road: heathland; Pennys Lagoon; Sea Elephant Road: near Saltwater Creek	>300 km	Not recorded from KI in ALA or NVA, otherwise known from far NE of TAS.
<i>Elatichrosis trisulcatus</i>	Pegarah Nature Reserve	>100 km	Not recorded from KI in ALA or NVA, but widespread in TAS.
<i>Enischnelater specularis</i>	Counsel Hill: trackside to northeast; Fraser River: Fraser Road crossing	>100 km	Not recorded from KI in ALA or NVA, but widespread in TAS.

<i>Monocrepidus basalis</i>	Fraser River: Fraser Road crossing	>100 km	Not recorded from KI in ALA or NVA (though the genus <i>Monocrepidus</i> is), but widespread in TAS.
<i>Monocrepidus tabidus</i>	Colliers Swamp Conservation Area: near bridge on Seal River Road; Fitzmaurice Bay; Boggy Creek: tufa terraces	>100 km	Not recorded from KI in ALA or NVA (though the genus <i>Monocrepidus</i> is), but widespread in TAS.
<i>Acritus tasmaniae</i>	Yarra Creek area: Milkwood Road crossing	>300 km	Not recorded from KI in ALA or NVA, otherwise known from the S of TAS.
<i>Saprinus laetus</i>	Seal Rocks: Copper Head trail: southern section	>100 km	Not recorded from KI in ALA or NVA, but widespread in TAS.
<i>Notobrachypterus</i> TFIC sp 01	Counsel Hill: southern slope by Reekara Road; Counsel Hill: trackside to northeast; Fraser River: Fraser Road crossing; Pennys Lagoon; Sea Elephant Road: junction with Blowhole Road; Sea Elephant Road: near Saltwater Creek	>100 km	No members of genus from KI in ALA or NVA, but widespread in TAS.
<i>Cartodere minor</i> (= <i>Aridius minor</i>)	Colliers Swamp Conservation Area: near Seal River Road; Yarra Creek area: Milkwood Road crossing	>100 km	Not recorded from KI in ALA or NVA, otherwise known from NW and NE TAS.
<i>Zeadolopus</i> TFIC sp 02	Martha Lavinia Road: heathland	>100 km	No members of genus from KI in ALA or NVA, but widespread in TAS.
<i>Palaestra</i> sp TMAG_F96240	Martha Lavinia Road: heathland	360 km	No members of genus from KI in ALA or NVA, otherwise known from far NE TAS.
Meligethinae unplaced sp TMAG_F98025	Lake Flannigan: southern shoreline	>100 km	No members of genus from KI in ALA or NVA, otherwise known from a few localities around TAS.

<i>Litochrus brunneus</i>	Pennys Lagoon	>100 km	Not recorded from KI in ALA or NVA, but widespread in TAS.
<i>Phalacrus uniformis</i>	Yarra Creek area: Milkwood Road crossing	>100 km	Not recorded from KI in ALA or NVA, but widespread in TAS.
<i>Phycosecis litoralis</i>	Lavinia Beach: end of Martha Lavinia Road	>100 km	Not recorded from KI in ALA or NVA, otherwise known from localities around N and E coast of TAS.
<i>Acrotrichis</i> TFIC sp 01	Yarra Creek area: Milkwood Road crossing	>100 km	No members of genus from KI in ALA or NVA, but widespread in TAS.
<i>Onthophagus fuliginosus</i>	Counsel Hill: dip by Reekara Road	>100 km	Not recorded from KI in ALA or NVA, but widespread in TAS.
<i>Anotylus</i> sp TMAG_F47308	Colliers Swamp Conservation Area: near Seal River Road	>100 km	No members of genus from KI in ALA or NVA, otherwise known from E and NW TAS
<i>Horaeomorphus</i> unplaced	Colliers Swamp Conservation Area: near South Road; Colliers Swamp Conservation Area: near Seal River Road; Pegarah Nature Reserve; Yarra Creek area: Milkwood Road crossing	>100 km	No members of genus from KI in ALA or NVA, but widespread in TAS.
<i>Quedius stenocephalus</i>	Yarra Creek area: Milkwood Road crossing	>100 km	Not recorded from KI in ALA or NVA, otherwise known from a few localities around TAS.
<i>Quedius tepperi</i>	Fitzmaurice Bay: Boggy Creek: tufa terraces	>100 km	Not recorded from KI in ALA or NVA, otherwise known from a few localities around TAS.
<i>Scaphisoma instabile</i>	Pegarah State Forest: Battens Road at Raffertys Creek	>100 km	Not recorded from KI in ALA or NVA, otherwise known from a few localities around TAS.
<i>Sepedophilus</i> TFIC sp 08	Colliers Swamp Conservation Area:	>100 km	Not recorded from KI in ALA or NVA,

	near Seal River Road		but widespread in TAS.
<i>Tetrabothrus claviger</i>	Pegarah Nature Reserve	>100 km	Not recorded from KI in ALA or NVA, but widespread in TAS.
<i>Isopteron triviale</i>	Big Lake: southeastern shoreline	>100 km	Not recorded from KI in ALA or NVA, but widespread in TAS.
<i>Sphargeris physodes</i>	Disappointment Bay area	>100 km	Not recorded from KI in ALA or NVA, otherwise known from localities around N and E coast of TAS.
<i>Gonolabis</i> unplaced	Fitzmaurice Bay: Boggy Creek: tufa terraces; Seal Rocks: Copper Head trail: southern section	>100 km	Not recorded from KI in ALA or NVA (though the family Anisolabididae is), but widespread in TAS.
<i>Sylvicola</i> unplaced	Fitzmaurice Bay: Boggy Creek: tufa terraces	>100 km	No members of genus from KI in ALA or NVA, but widespread in TAS.
<i>Austroleptis rhyphoides</i>	Pegarah Nature Reserve	>100 km	Not recorded from KI in ALA or NVA, but widespread in TAS.
<i>Aleucosia calophthalma</i>	Granite Lagoon: dunes to east	>300 km	Not recorded from KI in ALA or NVA, otherwise known from E TAS
<i>Meomyia fasciculata</i>	Counsel Hill: trackside to northeast; Granite Lagoon: dunes to east	>300 km	Not recorded from KI in ALA or NVA, otherwise known from coastal E and NE TAS
<i>Calliphora hilli</i>	Colliers Swamp Conservation Area: near Seal River Road; Pegarah Nature Reserve	>100 km	Not recorded from KI in ALA or NVA (though the genus <i>Calliphora</i> is), but widespread in TAS.
<i>Calliphora nigrithorax</i>	Pegarah Nature Reserve	>100 km	Not recorded from KI in ALA or NVA (though the genus <i>Calliphora</i> is), but widespread in TAS.
<i>Apotropina ornatipennis</i>	Yellow Rock River: mouth	>100 km	Not recorded from KI in ALA or NVA, but widespread around coast of TAS.

<i>Batrachomyia</i> sp TMAG_F97691	Fitzmaurice Bay: Boggy Creek: tufa terraces; Sea Elephant Road: junction with Blowhole Road	>100 km	No members of genus from KI in ALA or NVA, but scattered records from across TAS.
<i>This canus</i>	Yellow Rock River: mouth	>300 km	Not recorded from KI in ALA or NVA, otherwise known from coastal E TAS
<i>Chrysotimus</i> unplaced	Colliers Swamp Conservation Area: near Seal River Road; Counsel Hill: dip by Reekara Road; Pegarah Nature Reserve	>100 km	No members of genus from KI in ALA or NVA, but widespread in TAS.
<i>Heteropsilopus cingulipes</i>	Pegarah Nature Reserve	>100 km	Not recorded from KI in ALA or NVA (though the genus <i>Heteropsilopus</i> is), but widespread in TAS.
<i>Hydrophorus praecox</i>	Colliers Swamp Conservation Area: creek at Seal River Road; Colliers Swamp Conservation Area: near bridge on Seal River Road; Fitzmaurice Bay: Boggy Creek: tufa terraces; Pennys Lagoon; Seal Rocks: Copper Head trail: southern section	>100 km	Not recorded from KI in ALA or NVA, but scattered records from across TAS.
<i>Sympycnus</i> unplaced	Fitzmaurice Bay: Boggy Creek: tufa terraces	>100 km	No members of genus from KI in ALA or NVA, but widespread in TAS.
<i>Thrypticus australis</i>	Colliers Swamp Conservation Area: creek at Seal River Road	>300 km	Not recorded from KI in ALA or NVA, but also recorded from E TAS.
<i>Ceratomerus albistylus</i>	Yarra Creek area: Milkwood Road crossing	>300 km	Not recorded from KI in ALA or NVA, but scattered records from S and SW TAS.
<i>Chelipoda</i> unplaced	Colliers Swamp Conservation Area: near Seal River Road; Pegarah Nature Reserve	>100 km	No members of genus from KI in ALA or NVA, but widespread in TAS.

<i>Hilara</i> sp TMAG_F31514	Sea Elephant Road: junction with Blowhole Road; Seal Rocks: Copper Head trail: southern section	>100 km	No members of genus from KI in ALA or NVA, but scattered records from across TAS.
<i>Sphicosa</i> unplaced	Counsel Hill: southern slope by Reekara Road	>100 km	No members of genus from KI in ALA or NVA, but scattered records from across TAS.
<i>Hydrellia tritici</i>	Colliers Swamp Conservation Area: near Seal River Road; Martha Lavinia Road: heathland; Muddy Lagoon: western shoreline; Pegarah Nature Reserve	>100 km	Not recorded from KI in ALA or NVA, but widespread in TAS.
<i>Hydrellia victoria</i>	Colliers Swamp Conservation Area: creek at Seal River Road; Colliers Swamp Conservation Area: near bridge on Seal River Road; Fitzmaurice Bay: Boggy Creek: tufa terraces	>100 km	Not recorded from KI in ALA or NVA, but widespread in TAS.
<i>Scatella albilutea</i>	Yellow Rock River: mouth	>300 km	Not recorded from KI in ALA or NVA, otherwise known from coastal E and NE TAS
<i>Helosciomyza australica</i>	Lake Flannigan: southern shoreline	>100 km	Not recorded from KI in ALA or NVA, otherwise known from scattered records across TAS
<i>Diplogeomyza diaphora</i>	Yarra Creek area: Milkwood Road crossing	>100 km	Not recorded from KI in ALA or NVA, but widespread in TAS.
<i>Diplogeomyza maculipennis</i>	Counsel Hill: southern slope by Reekara Road	>100 km	Not recorded from KI in ALA or NVA, but widespread in TAS.
<i>Tapeigaster nigricornis</i>	Pennys Lagoon	>300 km	Not recorded from KI in ALA or NVA, otherwise known from S, E and NE TAS

<i>Tapeigaster paramonovi</i>	Fraser River: Fraser Road crossing	>100 km	Not recorded from KI in ALA or NVA, otherwise known from scattered records across TAS
Hybotidae unplaced	Pegarah Nature Reserve	>100 km	No members of family from KI in ALA or NVA, but widespread in TAS.
<i>Ceratolauxania</i> sp TMAG_F113917	Pennys Lagoon	>300 km	No members of genus from KI in ALA or NVA, otherwise known from E TAS.
<i>Poecilohetaerus aquilus</i>	Colliers Swamp Conservation Area: near bridge on Seal River Road; Fitzmaurice Bay: Boggy Creek: tufa terraces; Seal Rocks: Copper Head trail: southern section	>100 km	Not recorded from KI in ALA or NVA, but widespread in TAS.
<i>Sapromyza brunneovittata</i>	Pennys Lagoon; Yarra Creek area: Milkwood Road crossing	>100 km	Not recorded from KI in ALA or NVA, otherwise known from scattered records across TAS
<i>Sapromyza magnifica</i>	Pegarah Nature Reserve; Sea Elephant Road: junction with Blowhole Road	>100 km	Not recorded from KI in ALA or NVA, but widespread in TAS.
<i>Sapromyza mallochiana</i>	Lake Flannigan: southern shoreline	>100 km	Not recorded from KI in ALA or NVA, but widespread in TAS.
<i>Sapromyza metallica</i>	Pegarah Nature Reserve	>100 km	Not recorded from KI in ALA or NVA, but widespread in TAS.
<i>Gynoplistia bella</i>	Fitzmaurice Bay: Boggy Creek: tufa terraces; Lake Flannigan: southern shoreline	>100 km	Not recorded from KI in ALA or NVA (though the genus <i>Gynoplistia</i> is), but widespread in TAS.
<i>Gynoplistia</i> sp TMAG_F95911	Fitzmaurice Bay: Boggy Creek: tufa terraces	>100 km	Not recorded from KI in ALA or NVA (though the genus <i>Gynoplistia</i> is), but scattered records from across TAS.
<i>Coenosia</i> unplaced	Yellow Rock River: mouth; Big Lake:	>100 km	No members of genus from KI in

	southeastern shoreline; Lake Flannigan: southern shoreline		ALA or NVA, but widespread in TAS.
<i>Helina</i> unplaced	Colliers Swamp Conservation Area: near Seal River Road; Martha Lavinia Road: heathland	>100 km	No members of genus from KI in ALA or NVA, but widespread in TAS.
<i>Pygophora apicalis</i>	Big Lake: southeastern shoreline; Granite Lagoon: dunes to east; Pennys Lagoon	>300 km	Not recorded from KI in ALA or NVA, otherwise known from E TAS.
Paraleucopidae unplaced	Pennys Lagoon; Seal Rocks: Calcified Forest trail	>100 km	No members of family from KI in ALA or NVA, but widespread in TAS.
<i>Lindneromyia</i> sp TMAG_F97202	Pegarah Nature Reserve	>100 km	No members of genus from KI in ALA or NVA, but scattered records of genus across TAS
<i>Rivellia</i> unplaced	Colliers Swamp Conservation Area: near Seal River Road; Counsel Hill: southern slope by Reekara Road; Lake Flannigan: southern shoreline; Pegarah Nature Reserve; Pennys Lagoon; Sea Elephant Road: near Saltwater Creek; Seal Rocks: Calcified Forest trail; Seal Rocks: Copper Head trail: southern section; Yellow Rock River: mouth	>100 km	No members of genus from KI in ALA or NVA, but widespread in TAS.
<i>Chrysopilus</i> unplaced	Fitzmaurice Bay; Boggy Creek: tufa terraces	>100 km	No members of genus from KI in ALA or NVA, but widespread in TAS.
<i>Dichetophora australis</i>	Colliers Swamp Conservation Area: near bridge on Seal River Road; Fitzmaurice Bay; Boggy Creek: tufa terraces; Lake Flannigan: southern shoreline; Muddy	>100 km	Not recorded from KI in ALA or NVA, but widespread in TAS.

	Lagoon: western shoreline		
<i>Pherbellia juxtajavana</i>	Fitzmaurice Bay: Boggy Creek: tufa terraces; Lake Flannigan: southern shoreline; Seal Rocks: Copper Head trail: southern section	>300 km	Not recorded from KI in ALA or NVA, otherwise known from two localities in E and NE TAS.
Sphaeroceridae unplaced	Seal Rocks: Copper Head trail: southern section	>100 km	No members of family from KI in ALA or NVA, but widespread in TAS.
<i>Australoactina incisuralis</i>	Pegarah Nature Reserve	>100 km	Not recorded from KI in ALA or NVA, but widespread in TAS.
<i>Exaireta spinigera</i>	Pegarah State Forest: Zwar Road at Lappa Road	>100 km	Not recorded from KI in ALA or NVA, but widespread in TAS.
<i>Inopus</i> sp TMAG_F98540	Fitzmaurice Bay: Boggy Creek: tufa terraces	>100 km	No members of genus from KI in ALA or NVA, otherwise known from far NE and NW TAS.
<i>Odontomyia decipiens</i>	Fitzmaurice Bay: Boggy Creek: tufa terraces	>300 km	Not recorded from KI in ALA or NVA (though the genus <i>Odontomyia</i> is), otherwise NE and SE TAS.
<i>Eristalinus punctulatus</i>	Granite Lagoon: dunes to east	>100 km	Not recorded from KI in ALA or NVA, otherwise N and NE TAS.
<i>Austrotephritis</i> cf HARDY & DREW sp A	Pennys Lagoon	>250 km	Not recorded from KI in ALA or NVA, otherwise VIC.
<i>Austrotephritis poenia</i>	Big Lake: southeastern shoreline; Colliers Swamp Conservation Area: near bridge on Seal River Road; Fitzmaurice Bay: Boggy Creek: tufa terraces; Pennys Lagoon; Sea Elephant Road: junction with Blowhole Road; Seal Rocks:	>100 km	Not recorded from KI in ALA or NVA, but widespread in TAS.

	Calcified Forest trail; Seal Rocks: Copper Head trail: southern section; Yellow Rock River: mouth		
<i>Cooronga mcalpinei</i>	Fitzmaurice Bay: Boggy Creek: tufa terraces	240 km	Not recorded from KI in ALA or NVA, otherwise single localities in coastal VIC, Coorong and Kangaroo Island.
<i>Sphenella ruficeps</i>	Colliers Swamp Conservation Area: creek at Seal River Road; Colliers Swamp Conservation Area: near bridge on Seal River Road; Counsel Hill: southern slope by Reekara Road; Counsel Hill: trackside to northeast; Fitzmaurice Bay: Boggy Creek: tufa terraces; Granite Lagoon: dunes to east; Lake Flannigan: southern shoreline; Pennys Lagoon; Sea Elephant Road: junction with Blowhole Road; Seal Rocks: Calcified Forest trail; Seal Rocks: Copper Head trail: southern section; Yellow Rock River: mouth	>100 km	Not recorded from KI in ALA or NVA, but widespread in TAS.
<i>Anabarhynchus pallidus</i>	Lavinia Beach: end of Martha Lavinia Road	>300 km	Not recorded from KI in ALA or NVA, otherwise coastal SE and W TAS.
<i>Ectinorhynchus</i> unplaced	Big Lake: southeastern shoreline; Fitzmaurice Bay: Boggy Creek: tufa terraces; Seal Rocks: Copper Head trail: southern section	>100 km	No members of genus from KI in ALA or NVA, but widespread in TAS.
<i>Neodialineura nitens</i>	Fitzmaurice Bay: Boggy Creek: tufa terraces; Seal Rocks: Copper	>300 km	Not recorded from KI in ALA or NVA, otherwise E TAS

	Head trail: southern section		
<i>Ischnotoma rubriventris</i>	Fitzmaurice Bay; Boggy Creek: tufa terraces	>100 km	Not recorded from KI in ALA or NVA, otherwise NW and NE TAS
<i>Eupolemus</i> sp TMAG_F96017	Seal Rocks: Calcified Forest trail; Seal Rocks: Copper Head trail: southern section	360 km	No members of genus from KI in ALA or NVA, otherwise far NE TAS.
<i>Stauralia</i> unplaced	Counsel Hill: dip by Reekara Road; Pennys Lagoon; Sea Elephant Road: junction with Blowhole Road	>100 km	No members of genus from KI in ALA or NVA, but widespread in TAS.
<i>Argeleusa</i> sp TMAG_F57755	Colliers Swamp Conservation Area: near Seal River Road; Counsel Hill: southern slope by Reekara Road; Pennys Lagoon	300 km	No members of genus from KI in ALA or NVA, but widespread in E, NE and S TAS.
<i>Mutusca brevicornis</i>	Pennys Lagoon; Seal Rocks: Copper Head trail: southern section	>100 km	Not recorded from KI in ALA or NVA, but widespread in TAS.
<i>Acizzia conspicua</i>	Colliers Swamp Conservation Area: near bridge on Seal River Road; Counsel Hill: southern slope by Reekara Road; Fitzmaurice Bay: Boggy Creek: tufa terraces; Fraser River: Fraser Road crossing; Lavinia Beach: end of Martha Lavinia Road; Pegarah State Forest: Zwar Road at Lappa Road; Pennys Lagoon; Sea Elephant Road: junction with Blowhole Road	>100 km	Not recorded from KI in ALA or NVA, but widespread in TAS.
<i>Dilompus robustus</i>	Pennys Lagoon	300 km	Not recorded from KI in ALA or NVA, otherwise NE and S TAS.
<i>Bathyllus albicinctus</i>	Seal Rocks: Copper Head trail: southern section	>100 km	Not recorded from KI in ALA or NVA,

			but widespread in TAS.
<i>Tonnoiria tasmaniae</i>	Colliers Swamp Conservation Area: near bridge on Seal River Road; Pennys Lagoon; Sea Elephant Road: near Saltwater Creek; Seal Rocks: Copper Head trail: southern section	>100 km	Not recorded from KI in ALA or NVA, but widespread in TAS.
<i>Cryptorhamphus orbus</i>	Fitzmaurice Bay: Boggy Creek: tufa terraces; Lake Flannigan: southern shoreline	>100 km	Not recorded from KI in ALA or NVA, but widespread in TAS.
<i>Oncycotis tasmanicus</i>	Colliers Swamp Conservation Area: near South Road	>100 km	No members of genus from KI in ALA or NVA, but widespread in coastal TAS.
<i>Nerthra suberosa</i>	Fitzmaurice Bay: Boggy Creek: tufa terraces	>100 km	Not recorded from KI in ALA or NVA (though the family Gelastocoridae is), otherwise NW, N and E coastal TAS.
<i>Nysius unplaced</i>	Lake Flannigan: southern shoreline	>100 km	No members of genus from KI in ALA or NVA, but widespread in TAS.
<i>Acanthuchus trispinifer</i>	Pennys Lagoon	>100 km	Not recorded from KI in ALA or NVA, but widespread in TAS.
<i>Austromiris nigronasutus</i>	Pennys Lagoon; Sea Elephant Road: near Saltwater Creek	>100 km	Not recorded from KI in ALA or NVA, otherwise N, NE and E TAS.
<i>Pseudopantilius australis</i>	Sea Elephant Road: junction with Blowhole Road; Seal Rocks: Copper Head trail: southern section	>100 km	Not recorded from KI in ALA or NVA, but widespread in TAS.
<i>Setocoris unplaced</i>	Sea Elephant Road: firebreak	>100 km	No members of genus from KI in ALA or NVA, but widespread in TAS.
<i>Nabis kinbergii</i>	Fitzmaurice Bay: Boggy Creek: tufa terraces	>100 km	Not recorded from KI in ALA or NVA (though the genus <i>Nabis</i> is), otherwise NW, N and E TAS.

<i>Anisops</i> unplaced	Granite Lagoon: eastern shoreline	>100 km	No members of genus from KI in ALA or NVA, but widespread in TAS.
<i>Cermatulus nasalis</i>	Fitzmaurice Bay: Boggy Creek: tufa terraces	>100 km	Not recorded from KI in ALA or NVA, but widespread in TAS.
<i>Austroxestus australiensis</i>	Colliers Swamp Conservation Area: near South Road; Gentle Annie Reserve	>100 km	Not recorded from KI in ALA or NVA, but widespread in W TAS.
<i>Brentiscerus putoni</i> (or maybe <i>B. australis</i>)	Pegarah Nature Reserve	>100 km	Not recorded from KI in ALA or NVA, but widespread in TAS.
<i>Myocara acuminatum</i>	Granite Lagoon: dunes to east	>100 km	Not recorded from KI in ALA or NVA, but widespread in TAS.
Triozidae unplaced	Counsel Hill: southern slope by Reekara Road; Counsel Hill: trackside to northeast	>100 km	No members of family from KI in ALA or NVA, but widespread in TAS.
<i>Chrysocolletes</i> unplaced	Colliers Swamp Conservation Area: near Seal River Road; Fitzmaurice Bay: Boggy Creek: tufa terraces; Muddy Lagoon: western shoreline	>1000 km	No members of genus from KI in ALA or NVA, otherwise NSW, QLD and WA.
<i>Euhesma</i> unplaced	Martha Lavinia Road: heathland	>100 km	No members of genus from KI in ALA or NVA, but widespread in TAS.
<i>Euryglossula</i> unplaced	Martha Lavinia Road: heathland; Pennys Lagoon; Sea Elephant Road: near Saltwater Creek	400 km	No members of genus from KI in ALA or NVA, otherwise one record from S TAS.
<i>Hylaeus</i> unplaced	Seal Rocks: Copper Head trail: southern section	>100 km	No members of genus from KI in ALA or NVA, but widespread in TAS.
<i>Leioproctus</i> unplaced	Big Lake: southeastern shoreline; Colliers Swamp Conservation Area: near Seal River	>100 km	No members of genus from KI in ALA or NVA, but widespread in TAS.

	Road; Granite Lagoon: dunes to east; Martha Lavinia Road: heathland; ennys Lagoon; Sea Elephant Road: near Saltwater Creek; Seal Rocks: Copper Head trail: southern section		
<i>Podagritus</i> unplaced	Big Lake: southeastern shoreline; Lake Flannigan: southern shoreline; Seal Rocks: Copper Head trail: southern section	>100 km	No members of genus from KI in ALA or NVA, but widespread in TAS.
<i>Rhopalum</i> unplaced	Pennys Lagoon	>100 km	No members of genus from KI in ALA or NVA, but widespread in TAS.
Eulophidae unplaced	Big Lake: southeastern shoreline; Pennys Lagoon	>100 km	No members of family from KI in ALA or NVA, but widespread in TAS.
<i>Szepligetella</i> unplaced	Counsel Hill: trackside to northeast; Martha Lavinia Road: heathland	>100 km	No members of genus from KI in ALA or NVA, but widespread in TAS.
<i>Hypoponera scitula</i>	Colliers Swamp Conservation Area: near South Road	>100 km	Not recorded from KI in ALA or NVA, but scattered records across TAS.
<i>Pheidole tasmaniensis</i>	Fitzmaurice Bay: Boggy Creek: tufa terraces	>100 km	Not recorded from KI in ALA or NVA (though the genus <i>Pheidole</i> is), but scattered records across TAS.
<i>Prolasius abruptus</i>	Pegarah State Forest: Zwar Road at Lappa Road; Yarra Creek area: Milkwood Road crossing	400 km	Not recorded from KI in ALA or NVA (though the genus <i>Prolasius</i> is), otherwise one record from S TAS.
<i>Gasteruption</i> unplaced	Seal Rocks: Copper Head trail: southern section	>100 km	No members of genus from KI in ALA or NVA, but widespread in TAS.
<i>Homalictus</i> unplaced	Colliers Swamp Conservation Area: near Seal River Road	>100 km	No members of genus from KI in ALA or NVA, but widespread in TAS.

<i>Lasioglossum</i> unplaced	Colliers Swamp Conservation Area: near Seal River Road; Fitzmaurice Bay: Boggy Creek: tufa terraces; Martha Lavinia Road: heathland; Pegarah Nature Reserve; Pegarah State Forest: Zwar Road at Lappa Road; Seal Rocks: Copper Head trail: southern section		No members of genus from KI in ALA or NVA, but widespread in TAS.
<i>Lipotriches</i> unplaced	Martha Lavinia Road: heathland; Pennys Lagoon	>100 km	No members of genus from KI in ALA or NVA, but scattered records across TAS.
<i>Ephutomorpha lateralis</i>	Lavinia Beach: end of Martha Lavinia Road	>100 km	Not recorded from KI in ALA or NVA, but widespread in TAS.
<i>Ephutomorpha soluta</i> (species name not in ALA)	Seal Rocks: Copper Head trail: southern section	>100 km	Not recorded from KI in ALA or NVA, but scattered records across E and NW TAS.
<i>Sphictostethus connectens</i>	Pegarah Nature Reserve	>100 km	Not recorded from KI in ALA or NVA, but scattered records in SE and NW TAS.
<i>Thynnoides mesopleuralis</i>	Granite Lagoon: dunes to east; Pegarah Nature Reserve	>100 km	Not recorded from KI in ALA or NVA (though the genus <i>Thynnoides</i> is), but widespread in TAS.
<i>Mallada signatus</i>	Yellow Rock River: mouth	360 km	Not recorded from KI in ALA or NVA, otherwise a single record in NE TAS.
<i>Sisyra rufistigma</i>	Lake Flannigan: southern shoreline	250 km	Not recorded from KI in ALA or NVA, otherwise a single record in N TAS.
<i>Paratettix argillaceus</i>	Colliers Swamp Conservation Area: near bridge on Seal River Road; Fitzmaurice Bay: Boggy Creek: tufa terraces; Lake Flannigan: southern shoreline	>100 km	Not recorded from KI in ALA or NVA (though the family Tetrigidae is), but widespread in TAS.

<i>Coptaspis lateralis</i>	Counsel Hill: dip by Reekara Road	>100 km	Not recorded from KI in ALA or NVA, but widespread in TAS.
<i>Bobilla</i> unplaced	Lake Flannigan: southern shoreline; Martha Lavinia Road: heathland; Pennys Lagoon	>100 km	No members of genus from KI in ALA or NVA, but widespread in TAS.

3.6 Genetic information

No genetic sampling was undertaken.

4. Information for land managers

While all visited localities yielded insects, the ‘tufa terraces’ at Boggy Creek, Fitzmaurice Bay, proved to be especially fascinating and unique. Though my survey there did not turn up a particularly extensive list of species, perhaps because of the weather and time of year, the habitat itself is almost bound to harbour habitat specialists with naturally restricted ranges. Cattle still have access to these features, almost certainly to the detriment of the hydrology and ecology. Ideally, they should be excluded.

5. Other significant findings

The small weevil *Phloeoglymma mixtum* was described by Lea (1908) from a King Island specimen. To the best of my knowledge, it had not been documented from the island since then, until the present survey, when I found one in coastal heathland near Seal Rocks. There are six VIC records in the ALA, all dating from the 1920s or 1930s.

The distinctive picture-winged fly *Cooronga mcalpinei* was described by Hardy and Drew (1996) from specimens collected in the Coorong in SA. Its larvae have been reared from the seedheads of the coastal shrub, *Leucophyta brownii*. More recently it has been documented from coastal habitat on Kangaroo Island, SA and Port Melbourne, VIC. To the best of my knowledge, my KI find at Boggy Creek represents the species’ only TAS occurrence. However, the hostplant occurs more widely around the Tasmanian coast, so it is possible that the fly does, too, but has so far been overlooked.

Chrysocolletes is a genus of colletid bee, with species found widely across the warmer parts of Australia. I keyed out three putative members of this genus during the present survey, from Boggy Creek and Muddy Lagoon. If confirmed, these might represent the only documented occurrences of the genus in TAS.

Sponge-flies are unusual lacewings with aquatic larvae associated with freshwater sponges. The specimen of *Sisyra rufistigma* that I swept from the southern shore of Lake Flanagan would appear to be the only KI record of a sponge-fly, and only the second record of this species for Tasmania (the species is more widespread in VIC).

Besides the above, it was noticeable how many of the insect taxa comprise species that, in Tasmania, are otherwise known only from the far NE, or sometimes also from the far NW. Presumably this pattern reflects similarities in climate – with these regions comprising outposts of warm-temperate climatological zones on an island that (depending on the climate classification) is otherwise entirely cool-temperate. Some of the other taxa – particularly forest-

dwelling ones – comprise species found primarily in western Tasmania, no doubt reflecting similarities in vegetation associated with the wetter conditions that prevail in the west. Strangely, there are also taxa found on KI that are otherwise known only from eastern Tasmania. Perhaps such species require warmer summers than are experienced over much of western Tasmania, other than KI and the far NW; or perhaps the pattern is an artefact of greater levels of recording in Tasmania's east.

6. Conclusions

This survey has added greatly to knowledge of the insect fauna of King Island, adding scores of taxa to the list of species, genera or families now known to occur on the island. The additions included many widespread Tasmanian species, but also some with more restricted distributions within the state, as well as a couple of taxa not otherwise known here but occurring on the Australian mainland. Some of the unidentified taxa undoubtedly represent undescribed species; some of these may be unique to King Island, but this cannot yet be ascertained. This increase in knowledge comes despite the sometimes-inclement weather at the time of the Bush Blitz, and strongly suggests that further survey in better conditions would fill in many more knowledge gaps. Given King Island's unique biogeographical position and isolation – factors engendering an unusual fauna – further survey is encouraged.

Acknowledgements

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Appendix 1. List of insects recorded during the King Island Bush Blitz						
Order	Family	Species	Putative new species	Threatened (EPBC Act)	Threatened (State Act)	Exotic/ pest
Cockroaches						
Blattodea	Blaberidae	<i>Calolampra irrorata</i>	No	No	No	No
Blattodea	Blattidae	<i>Platyzosteria melanaria</i>	No	No	No	No
Blattodea	Ectobiidae	<i>Balta unplaced</i>	No	No	No	No
Beetles						
Coleoptera	Cantharidae	<i>Chauliognathus lugubris</i>	No	No	No	No
Coleoptera	Cantharidae	<i>Heteromastix nigripes</i>	No	No	No	No
Coleoptera	Cantharidae	<i>Heteromastix pauxillus</i>	No	No	No	No
Coleoptera	Cantharidae	<i>Heteromastix sp TMAG_F143857</i>	No	No	No	No
Coleoptera	Carabidae	<i>Acallistus tasmanicus</i>	No	No	No	No
Coleoptera	Carabidae	<i>Agonocheila curtula</i>	No	No	No	No
Coleoptera	Carabidae	<i>Agonocheila sp TMAG_F143186</i>	No	No	No	No
Coleoptera	Carabidae	<i>Bembidion proprium</i>	No	No	No	No
Coleoptera	Carabidae	<i>Hypharpax peronii</i>	No	No	No	No
Coleoptera	Carabidae	<i>Mecyclothorax ambiguus</i>	No	No	No	No
Coleoptera	Carabidae	<i>Notiobia viridipennis</i>	No	No	No	No
Coleoptera	Carabidae	<i>Notonomus chalybaeus</i>	No	No	No	No
Coleoptera	Carabidae	<i>Promecoderus unplaced</i>	No	No	No	No
Coleoptera	Carabidae	<i>Prosopogmus chalybeipennis</i>	No	No	No	No
Coleoptera	Carabidae	<i>Prosopogmus sp TMAG_F143292</i>	No	No	No	No
Coleoptera	Carabidae	<i>Sarothrocrepis corticalis</i>	No	No	No	No
Coleoptera	Carabidae	<i>Trechimorphus diemenensis</i>	No	No	No	No
Coleoptera	Chrysomelidae	<i>Altica gravida</i>	No	No	No	No
Coleoptera	Chrysomelidae	<i>Arsipoda sp TMAG_F143147</i>	No	No	No	No
Coleoptera	Chrysomelidae	<i>Chaetocnema propinqua</i>	No	No	No	No
Coleoptera	Chrysomelidae	<i>Ditropidus semicrudus</i>	No	No	No	No
Coleoptera	Chrysomelidae	<i>Eboo villosa</i>	No	No	No	No
Coleoptera	Chrysomelidae	<i>Eboo viridula</i>	No	No	No	No
Coleoptera	Chrysomelidae	<i>Geloptera jugularis</i>	No	No	No	No

Order	Family	Species	Putative new species	Threatened (EPBC Act)	Threatened (State Act)	Exotic/ pest
Coleoptera	Chrysomelidae	<i>Monolepta sp TMAG_F143135</i>	No	No	No	No
Coleoptera	Chrysomelidae	<i>Paropsis porosa</i>	No	No	No	No
Coleoptera	Chrysomelidae	<i>Paropsisterna obliterated</i>	No	No	No	No
Coleoptera	Chrysomelidae	<i>Peltoschema DE LITTLE sp 02</i>	No	No	No	No
Coleoptera	Chrysomelidae	<i>Platycolaspis sp TMAG_F143146</i>	No	No	No	No
Coleoptera	Cleridae	<i>Blackburniella intricata</i>	No	No	No	No
Coleoptera	Cleridae	<i>Lemidia cicatricosa</i>	No	No	No	No
Coleoptera	Cleridae	<i>Lemidia nigrovaria</i>	No	No	No	No
Coleoptera	Cleridae	<i>Lemidia sp TMAG_F142417</i>	No	No	No	No
Coleoptera	Cleridae	<i>Lemidia subaenea</i>	No	No	No	No
Coleoptera	Coccinellidae	<i>Cleobora mellyi</i>	No	No	No	No
Coleoptera	Coccinellidae	<i>Diomus sp TMAG_F143397</i>	No	No	No	No
Coleoptera	Coccinellidae	<i>Rhyzobius alphabeticus</i>	No	No	No	No
Coleoptera	Coccinellidae	<i>Rhyzobius forestieri</i>	No	No	No	No
Coleoptera	Coccinellidae	<i>Rhyzobius nigrovarius</i>	No	No	No	No
Coleoptera	Coccinellidae	<i>Rhyzobius pulchellus</i>	No	No	No	No
Coleoptera	Curculionidae	<i>Ancyttalia oleariae</i>	No	No	No	No
Coleoptera	Curculionidae	<i>Asceparnodes sp TMAG_F143627</i>	No	No	No	No
Coleoptera	Curculionidae	<i>Baeosomus BELL sp 01</i>	No	No	No	No
Coleoptera	Curculionidae	<i>Baris vagans</i>	No	No	No	No
Coleoptera	Curculionidae	<i>Cossoninae unplaced TFIC sp 09</i>	No	No	No	No
Coleoptera	Curculionidae	<i>Decilaus acerosus</i>	No	No	No	No
Coleoptera	Curculionidae	<i>Dyschoenium minutissimum</i>	No	No	No	No
Coleoptera	Curculionidae	<i>Elleschodes sp TMAG_F143155</i>	No	No	No	No
Coleoptera	Curculionidae	<i>Emplesis TFIC sp 05</i>	No	No	No	No
Coleoptera	Curculionidae	<i>Encosmia sp TMAG_F115794</i>	No	No	No	No
Coleoptera	Curculionidae	<i>Mandalotus sp TMAG_F143182</i>	No	No	No	No
Coleoptera	Curculionidae	<i>Misophrice unplaced</i>	No	No	No	No
Coleoptera	Curculionidae	<i>Neolaemosaccus querulus</i>	No	No	No	No
Coleoptera	Curculionidae	<i>Orthorhinus TFIC sp 01</i>	No	No	No	No
Coleoptera	Curculionidae	<i>Pantoreites illuminatus</i>	No	No	No	No
Coleoptera	Curculionidae	<i>Perperus conloni</i>	No	No	No	No

Order	Family	Species	Putative new species	Threatened (EPBC Act)	Threatened (State Act)	Exotic/ pest
Coleoptera	Curculionidae	<i>Phloeoglymma mixtum</i>	No	No	No	No
Coleoptera	Curculionidae	<i>Poropterus conifer</i>	No	No	No	No
Coleoptera	Curculionidae	<i>Poropterus succisus</i>	No	No	No	No
Coleoptera	Curculionidae	<i>Pseudotimareta subterranea</i>	No	No	No	No
Coleoptera	Curculionidae	<i>Storeus albosignatus</i>	No	No	No	No
Coleoptera	Curculionidae	<i>Uroleptops sp TMAG_F143613</i>	No	No	No	No
Coleoptera	Dytiscidae	<i>Chostonectes gigas</i>	No	No	No	No
Coleoptera	Dytiscidae	<i>Lancetes lanceolatus</i>	No	No	No	No
Coleoptera	Dytiscidae	<i>Limbodessus unplaced</i>	No	No	No	No
Coleoptera	Dytiscidae	<i>Necterosoma penicillatum</i>	No	No	No	No
Coleoptera	Dytiscidae	<i>Rhantus suturalis</i>	No	No	No	No
Coleoptera	Dytiscidae	<i>Sternopriscus meadfootii</i>	No	No	No	No
Coleoptera	Elateridae	<i>Agrypnus impressicollis</i>	No	No	No	No
Coleoptera	Elateridae	<i>Agrypnus pictipennis</i>	No	No	No	No
Coleoptera	Elateridae	<i>Austrocardiophorus litoralis</i>	No	No	No	No
Coleoptera	Elateridae	<i>Austrocardiophorus sp TMAG_F95158</i>	No	No	No	No
Coleoptera	Elateridae	<i>Crepidomenus decoratus</i>	No	No	No	No
Coleoptera	Elateridae	<i>Crepidomenus taeniatus</i>	No	No	No	No
Coleoptera	Elateridae	<i>Elateridae unplaced sp TMAG_F143449</i>	No	No	No	No
Coleoptera	Elateridae	<i>Elatichrosis trisulcatus</i>	No	No	No	No
Coleoptera	Elateridae	<i>Enischnelater specularis</i>	No	No	No	No
Coleoptera	Elateridae	<i>Monocrepidus basalis</i>	No	No	No	No
Coleoptera	Elateridae	<i>Monocrepidus tabidus</i>	No	No	No	No
Coleoptera	Histeridae	<i>Acritus tasmaniae</i>	No	No	No	No
Coleoptera	Histeridae	<i>Saprinus laetus</i>	No	No	No	No
Coleoptera	Hydrochidae	<i>Hydrochus unplaced</i>	No	No	No	No
Coleoptera	Hydrophilidae	<i>Anacaena unplaced</i>	No	No	No	No
Coleoptera	Hydrophilidae	<i>Enochrus unplaced</i>	No	No	No	No
Coleoptera	Hydrophilidae	<i>Paracymus pygmaeus</i>	No	No	No	No
Coleoptera	Kateretidae	<i>Notobrachypterus TFIC sp 01</i>	No	No	No	No
Coleoptera	Latridiidae	<i>Cartodere minor</i>	No	No	No	No
Coleoptera	Leiodidae	<i>Zeadolopus TFIC sp 02</i>	No	No	No	No

Order	Family	Species	Putative new species	Threatened (EPBC Act)	Threatened (State Act)	Exotic/ pest
Coleoptera	Melandryidae	<i>Orchesia sp TMAG_F143194</i>	No	No	No	No
Coleoptera	Meloidae	<i>Palaestra sp TMAG_F96240</i>	No	No	No	No
Coleoptera	Nitidulidae	<i>Meligethinae unplaced sp TMAG_F98025</i>	No	No	No	No
Coleoptera	Oedemeridae	<i>Oedemeridae unplaced sp TMAG_F145429</i>	No	No	No	No
Coleoptera	Phalacridae	<i>Litochrus brunneus</i>	No	No	No	No
Coleoptera	Phalacridae	<i>Phalacrus uniformis</i>	No	No	No	No
Coleoptera	Phycosecidae	<i>Phycosecis litoralis</i>	No	No	No	No
Coleoptera	Ptiliidae	<i>Acrotrichis TFIC sp 01</i>	No	No	No	No
Coleoptera	Ptinidae	<i>Dryophilodes sp TMAG_F143423</i>	No	No	No	No
Coleoptera	Scarabaeidae	<i>Cheiroplatys latipes</i>	No	No	No	No
Coleoptera	Scarabaeidae	<i>Onthophagus fuliginosus</i>	No	No	No	No
Coleoptera	Scarabaeidae	<i>Onthophagus pronus</i>	No	No	No	No
Coleoptera	Scarabaeidae	<i>Saprosites mendax</i>	No	No	No	No
Coleoptera	Staphylinidae	<i>Anotylus sp TMAG_F143299</i>	No	No	No	No
Coleoptera	Staphylinidae	<i>Anotylus sp TMAG_F47308</i>	No	No	No	No
Coleoptera	Staphylinidae	<i>Horaeomorphus TFIC sp 01</i>	No	No	No	No
Coleoptera	Staphylinidae	<i>Quedius stenocephalus</i>	No	No	No	No
Coleoptera	Staphylinidae	<i>Quedius tepperi</i>	No	No	No	No
Coleoptera	Staphylinidae	<i>Scaphisoma instabile</i>	No	No	No	No
Coleoptera	Staphylinidae	<i>Sepedophilus TFIC sp 08</i>	No	No	No	No
Coleoptera	Staphylinidae	<i>Tetrabothrus claviger</i>	No	No	No	No
Coleoptera	Tenebrionidae	<i>Adelium brevicorne</i>	No	No	No	No
Coleoptera	Tenebrionidae	<i>Adelium similatum</i>	No	No	No	No
Coleoptera	Tenebrionidae	<i>Adelium sp TMAG_F143289</i>	No	No	No	No
Coleoptera	Tenebrionidae	<i>Adelium tenebroides</i>	No	No	No	No
Coleoptera	Tenebrionidae	<i>Caedimorpha heteromera</i>	No	No	No	No
Coleoptera	Tenebrionidae	<i>Celibe infelix</i>	No	No	No	No
Coleoptera	Tenebrionidae	<i>Hyocis bakewelli</i>	No	No	No	No
Coleoptera	Tenebrionidae	<i>Isopteron triviale</i>	No	No	No	No
Coleoptera	Tenebrionidae	<i>Meneristes australis</i>	No	No	No	No
Coleoptera	Tenebrionidae	<i>Seirotana elongata</i>	No	No	No	No
Coleoptera	Tenebrionidae	<i>Sphargeris physodes</i>	No	No	No	No

Order	Family	Species	Putative new species	Threatened (EPBC Act)	Threatened (State Act)	Exotic/ pest
Earwigs						
Dermaptera	Anisolabididae	<i>Gonolabis unplaced</i>	No	No	No	No
Dermaptera	Labiduridae	<i>Labidura riparia</i>	No	No	No	No
True Flies						
Diptera	Anisopodidae	<i>Sylvicola unplaced</i>	No	No	No	No
Diptera	Asilidae	<i>Cerdistus sp TMAG_F128822</i>	No	No	No	No
Diptera	Austroleptidae	<i>Austroleptis rhyphoides</i>	No	No	No	No
Diptera	Bibionidae	<i>Dilophus unplaced</i>	No	No	No	No
Diptera	Bombyliidae	<i>Aleucosia calophthalma</i>	No	No	No	No
Diptera	Bombyliidae	<i>Meomyia fasciculata</i>	No	No	No	No
Diptera	Calliphoridae	<i>Calliphora hilli</i>	No	No	No	No
Diptera	Calliphoridae	<i>Calliphora nigrithorax</i>	No	No	No	No
Diptera	Chloropidae	<i>Apotropina ornatipennis</i>	No	No	No	No
Diptera	Chloropidae	<i>Batrachomyia sp TMAG_F97691</i>	No	No	No	No
Diptera	Coelopidae	<i>This canus</i>	No	No	No	No
Diptera	Dolichopodidae	<i>Chrysotimus unplaced</i>	No	No	No	No
Diptera	Dolichopodidae	<i>Heteropsilopus cingulipes</i>	No	No	No	No
Diptera	Dolichopodidae	<i>Hydrophorus praecox</i>	No	No	No	No
Diptera	Dolichopodidae	<i>Sympycnus unplaced</i>	No	No	No	No
Diptera	Dolichopodidae	<i>Thrypticus australis</i>	No	No	No	No
Diptera	Empididae	<i>Ceratomerus albistylus</i>	No	No	No	No
Diptera	Empididae	<i>Chelipoda unplaced</i>	No	No	No	No
Diptera	Empididae	<i>Empis sp TMAG_F145457</i>	No	No	No	No
Diptera	Empididae	<i>Empis sp TMAG_F145503</i>	No	No	No	No
Diptera	Empididae	<i>Hilara sp TMAG_F31514</i>	No	No	No	No
Diptera	Empididae	<i>Hilarempis sp TMAG_F143212</i>	No	No	No	No
Diptera	Empididae	<i>Hilarempis sp TMAG_F143565</i>	No	No	No	No
Diptera	Empididae	<i>Sphicosa unplaced</i>	No	No	No	No
Diptera	Ephydriidae	<i>Hydrellia tritici</i>	No	No	No	No
Diptera	Ephydriidae	<i>Hydrellia victoria</i>	No	No	No	No
Diptera	Ephydriidae	<i>Scatella albilutea</i>	No	No	No	No

Order	Family	Species	Putative new species	Threatened (EPBC Act)	Threatened (State Act)	Exotic/ pest
Diptera	Helosciomyzidae	<i>Helosciomyza australica</i>	No	No	No	No
Diptera	Heteromyzidae	<i>Diplogeomyza diaphora</i>	No	No	No	No
Diptera	Heteromyzidae	<i>Diplogeomyza maculipennis</i>	No	No	No	No
Diptera	Heteromyzidae	<i>Tapeigaster nigricornis</i>	No	No	No	No
Diptera	Heteromyzidae	<i>Tapeigaster paramonovi</i>	No	No	No	No
Diptera	Hybotidae	<i>Hybotidae unplaced</i>	No	No	No	No
Diptera	Lauxaniidae	<i>Ceratolauxania sp TMAG_F113917</i>	No	No	No	No
Diptera	Lauxaniidae	<i>Poecilohetaerus aquilus</i>	No	No	No	No
Diptera	Lauxaniidae	<i>Sapromyza brunneovittata</i>	No	No	No	No
Diptera	Lauxaniidae	<i>Sapromyza magnifica</i>	No	No	No	No
Diptera	Lauxaniidae	<i>Sapromyza mallochiana</i>	No	No	No	No
Diptera	Lauxaniidae	<i>Sapromyza metallica</i>	No	No	No	No
Diptera	Limoniidae	<i>Gynoplistia bella</i>	No	No	No	No
Diptera	Limoniidae	<i>Gynoplistia sp TMAG_F95911</i>	No	No	No	No
Diptera	Muscidae	<i>Coenosia unplaced</i>	No	No	No	No
Diptera	Muscidae	<i>Helina unplaced</i>	No	No	No	No
Diptera	Muscidae	<i>Pygophora apicalis</i>	No	No	No	No
Diptera	Paraleucopidae	<i>Paraleucopidae unplaced</i>	No	No	No	No
Diptera	Periscelididae	<i>Periscelididae unplaced sp TMAG_F143669</i>	No	No	No	No
Diptera	Platypezidae	<i>Lindneromyia unplaced</i>	No	No	No	No
Diptera	Platystomatidae	<i>Rivellia unplaced</i>	No	No	No	No
Diptera	Psychodidae	<i>Psychodidae unplaced sp TMAG_F143524</i>	No	No	No	No
Diptera	Rhagionidae	<i>Chrysopilus unplaced</i>	No	No	No	No
Diptera	Scatopsidae	<i>Scatopsidae unplaced</i>	No	No	No	No
Diptera	Sciomyzidae	<i>Dichetophora australis</i>	No	No	No	No
Diptera	Sciomyzidae	<i>Pherbellia juxtajavana</i>	No	No	No	No
Diptera	Sphaeroceridae	<i>Sphaeroceridae unplaced</i>	No	No	No	No
Diptera	Stratiomyidae	<i>Australoactina incisuralis</i>	No	No	No	No
Diptera	Stratiomyidae	<i>Exaireta spinigera</i>	No	No	No	No
Diptera	Stratiomyidae	<i>Inopus sp TMAG_F98540</i>	No	No	No	No
Diptera	Stratiomyidae	<i>Odontomyia decipiens</i>	No	No	No	No
Diptera	Stratiomyidae	<i>Odontomyia sp TMAG_F143516</i>	No	No	No	No

Order	Family	Species	Putative new species	Threatened (EPBC Act)	Threatened (State Act)	Exotic/ pest
Diptera	Syrphidae	<i>Austalis pulchella</i>	No	No	No	No
Diptera	Syrphidae	<i>Eristalinus punctulatus</i>	No	No	No	No
Diptera	Syrphidae	<i>Melangyna viridiceps</i>	No	No	No	No
Diptera	Tephritidae	<i>Austrotephritis cf HARDY & DREW sp A</i>	No	No	No	No
Diptera	Tephritidae	<i>Austrotephritis poenia</i>	No	No	No	No
Diptera	Tephritidae	<i>Cooronga mcalpinei</i>	No	No	No	No
Diptera	Tephritidae	<i>Sphenella ruficeps</i>	No	No	No	No
Diptera	Therevidae	<i>Anabarhynchus pallidus</i>	No	No	No	No
Diptera	Therevidae	<i>Ectinorhynchus unplaced</i>	No	No	No	No
Diptera	Therevidae	<i>Neodialineura nitens</i>	No	No	No	No
Diptera	Tipulidae	<i>Ischnotoma rubriventris</i>	No	No	No	No
True Bugs						
Hemiptera	Acanthosomatidae	<i>Elasmostethus sp TMAG_F98349</i>	No	No	No	No
Hemiptera	Acanthosomatidae	<i>Eupolemus sp TMAG_F96017</i>	No	No	No	No
Hemiptera	Acanthosomatidae	<i>Eupolemus tasmanicus</i>	No	No	No	No
Hemiptera	Acanthosomatidae	<i>Stauralia unplaced</i>	No	No	No	No
Hemiptera	Achilidae	<i>Argeleusa unplaced</i>	No	No	No	No
Hemiptera	Alydidae	<i>Mutusca brevicornis</i>	No	No	No	No
Hemiptera	Aphalaridae	<i>Acizzia conspicua</i>	No	No	No	No
Hemiptera	Artheneidae	<i>Dilompus robustus</i>	No	No	No	No
Hemiptera	Cercopidae	<i>Bathyllus albicinctus</i>	No	No	No	No
Hemiptera	Cercopidae	<i>Tonnoiria tasmaniae</i>	No	No	No	No
Hemiptera	Cicadellidae	<i>Austrolopa brunensis</i>	No	No	No	No
Hemiptera	Cryptorhamphidae	<i>Cryptorhamphus orbis</i>	No	No	No	No
Hemiptera	Cydniidae	<i>Adrisa sp TMAG_F12862</i>	No	No	No	No
Hemiptera	Enicocephalidae	<i>Oncylocotis tasmanicus</i>	No	No	No	No
Hemiptera	Gelastocoridae	<i>Nerthra suberosa</i>	No	No	No	No
Hemiptera	Lygaeidae	<i>Nysius unplaced</i>	No	No	No	No
Hemiptera	Membracidae	<i>Acanthuchus trispinifer</i>	No	No	No	No
Hemiptera	Miridae	<i>Austromiris nigronasutus</i>	No	No	No	No
Hemiptera	Miridae	<i>Pseudopantilius australis</i>	No	No	No	No
Hemiptera	Miridae	<i>Setocoris unplaced</i>	No	No	No	No

Order	Family	Species	Putative new species	Threatened (EPBC Act)	Threatened (State Act)	Exotic/ pest
Hemiptera	Nabidae	<i>Nabis kinbergii</i>	No	No	No	No
Hemiptera	Nabidae	<i>Nabis sp TMAG_F143737</i>	No	No	No	No
Hemiptera	Notonectidae	<i>Anisops unplaced</i>	No	No	No	No
Hemiptera	Pentatomidae	<i>Cermatulus nasalis</i>	No	No	No	No
Hemiptera	Pentatomidae	<i>Ocirrhoe unimaculata</i>	No	No	No	No
Hemiptera	Rhyparochromidae	<i>Austroxestus australiensis</i>	No	No	No	No
Hemiptera	Rhyparochromidae	<i>Brentiscerus putoni</i>	No	No	No	No
Hemiptera	Rhyparochromidae	<i>Myocara acuminatum</i>	No	No	No	No
Hemiptera	Triozidae	<i>Triozidae unplaced</i>	No	No	No	No
Ants, Bees & Wasps						
Hymenoptera	Apidae	<i>Apis mellifera</i>	No	No	No	Yes
Hymenoptera	Coelocybidae	<i>Coelocyba unplaced</i>	No	No	No	No
Hymenoptera	Colletidae	<i>Chrysocolletes unplaced</i>	No	No	No	No
Hymenoptera	Colletidae	<i>Euhesma unplaced</i>	No	No	No	No
Hymenoptera	Colletidae	<i>Euryglossula unplaced</i>	No	No	No	No
Hymenoptera	Colletidae	<i>Hylaeus unplaced</i>	No	No	No	No
Hymenoptera	Colletidae	<i>Leioproctus unplaced</i>	No	No	No	No
Hymenoptera	Crabronidae	<i>Podagritys unplaced</i>	No	No	No	No
Hymenoptera	Crabronidae	<i>Rhopalum unplaced</i>	No	No	No	No
Hymenoptera	Eulophidae	<i>Eulophidae unplaced</i>	No	No	No	No
Hymenoptera	Evaniidae	<i>Szepligetella unplaced</i>	No	No	No	No
Hymenoptera	Formicidae	<i>Amblyopone australis</i>	No	No	No	No
Hymenoptera	Formicidae	<i>Anonychomyrma nitidiceps</i>	No	No	No	No
Hymenoptera	Formicidae	<i>Hypoponera scitula</i>	No	No	No	No
Hymenoptera	Formicidae	<i>Iridomyrmex unplaced</i>	No	No	No	No
Hymenoptera	Formicidae	<i>Myrmecia forficata</i>	No	No	No	No
Hymenoptera	Formicidae	<i>Myrmecia pilosula</i>	No	No	No	No
Hymenoptera	Formicidae	<i>Pheidole tasmaniensis</i>	No	No	No	No
Hymenoptera	Formicidae	<i>Prolasius abruptus</i>	No	No	No	No
Hymenoptera	Gasteruptiidae	<i>Gasteruption unplaced</i>	No	No	No	No
Hymenoptera	Halictidae	<i>Homalictus unplaced</i>	No	No	No	No
Hymenoptera	Halictidae	<i>Lasioglossum unplaced</i>	No	No	No	No

Order	Family	Species	Putative new species	Threatened (EPBC Act)	Threatened (State Act)	Exotic/ pest
Hymenoptera	Halictidae	<i>Lipotriches unplaced</i>	No	No	No	No
Hymenoptera	Mutillidae	<i>Ephutomorpha lateralis</i>	No	No	No	No
Hymenoptera	Mutillidae	<i>Ephutomorpha soluta</i>	No	No	No	No
Hymenoptera	Mutillidae	<i>Ephutomorpha sp TMAG_F105605</i>	No	No	No	No
Hymenoptera	Pompilidae	<i>Sphictostethus connectens</i>	No	No	No	No
Hymenoptera	Pteromalidae	<i>Pteromalidae unplaced</i>	No	No	No	No
Hymenoptera	Tenthredinidae	<i>Tenthredinidae unplaced</i>	No	No	No	No
Hymenoptera	Tiphiidae	<i>Catocheilus apterus</i>	No	No	No	No
Hymenoptera	Tiphiidae	<i>Diamma bicolor</i>	No	No	No	No
Hymenoptera	Tiphiidae	<i>Thynnoides mesopleuralis</i>	No	No	No	No
Lacewings & allies						
Neuroptera	Chrysopidae	<i>Apertochrysa edwardsi</i>	No	No	No	No
Neuroptera	Chrysopidae	<i>Mallada signatus</i>	No	No	No	No
Neuroptera	Hemerobiidae	<i>Micromus tasmaniae</i>	No	No	No	No
Neuroptera	Sisyridae	<i>Sisyra rufistigma</i>	No	No	No	No
Damselflies						
Odonata	Lestidae	<i>Austrolestes analis</i>	No	No	No	No
Grasshoppers & Crickets						
Orthoptera	Gryllacrididae	<i>Kinermania ambulans</i>	No	No	No	No
Orthoptera	Rhaphidophoridae	<i>Speleotettix sp TMAG_F143322</i>	Yes	No	No	No
Orthoptera	Tetrigidae	<i>Paratettix argillaceus</i>	No	No	No	No
Orthoptera	Tettigoniidae	<i>Coptaspis lateralis</i>	No	No	No	No
Orthoptera	Trigonidiidae	<i>Bobilla unplaced</i>	No	No	No	No