



BUSH BLITZ SPECIES DISCOVERY PROGRAM



Flat Rock Reserve Supplement



CARING FOR
OUR COUNTRY



Contents

Appendix A: Species Lists	3
Fauna	4
Vertebrates	4
Birds	4
Mammals	4
Invertebrates	5
Butterflies and Moths	5
Beetles	5
True Bugs	6
Grasshoppers	6
Caddisflies	6
Millipedes	6
Spiders	7
Snails and Slugs	8
Flora	9
Flowering Plants	9
Appendix B: Rare and Threatened Species	11
Appendix C: Exotic and Pest Species	13

Key

- ☒ = Previously recorded on the reserve and found on this survey
- * = New record for this reserve
- ^ = Exotic/Pest
- # = EPBC listed
- ~ = TSP listed

Putative new species

Previously recorded on the reserve but not found on this survey

EPBC = Environment Protection and Biodiversity Conservation Act 1999 (Commonwealth)

TSP = Threatened Species Protection Act 1995 (Tasmania)





Appendix A: Species Lists

Nomenclature and taxonomy used in this appendix are consistent with that from the Australian Faunal Directory (AFD), the Australian Plant Name Index (APNI) and the Australian Plant Census (APC).

Current at April 2012



Fauna

Vertebrates

Birds		
Family	Species	Common name
Accipitridae	<i>Aquila audax</i> * # ~	Wedge-tailed Eagle
Falconidae	<i>Falco peregrinus</i>	Peregrine Falcon
Psittacidae	<i>Platycercus caledonicus</i> *	Green Rosella

Mammals		
Family	Species	Common name
Dasyuridae	<i>Dasyurus maculatus</i> * # ~	Spotted-tailed Quoll
	<i>Dasyurus viverrinus</i> *	Eastern Quoll
	<i>Sarcophilus harrisii</i> * # ~	Tasmanian Devil
Felidae	<i>Felis catus</i> * ^	Cat
Leporidae	<i>Lepus capensis</i> ^	Brown Hare
	<i>Oryctolagus cuniculus</i> * ^	Rabbit
Macropodidae	<i>Macropus giganteus</i> *	Eastern Grey Kangaroo
	<i>Thylogale billardierii</i>	Tasmanian Pademelon
Muridae	<i>Hydromys chrysogaster</i>	Water Rat
	<i>Mus musculus</i> * ^	House Mouse
	<i>Rattus lutreolus</i> *	Swamp Rat
	<i>Rattus rattus</i> ^	Black Rat
Peramelidae	<i>Isodon obesulus</i> * #	Southern Brown Bandicoot
	<i>Perameles gunnii</i> * #	Eastern Barred Bandicoot
Phalangeridae	<i>Trichosurus vulpeca</i> *	Common Brushtail Possum
Potoroidae	<i>Bettongia gaimardi</i> *	Tasmanian Bettong
	<i>Potorous tridactylus</i>	Long-nosed Potoroo
Pseudocheiridae	<i>Pseudocheirus peregrinus</i> *	Common Ringtail Possum
Tachyglossidae	<i>Tachyglossus aculeatus</i> *	Short-beaked Echidna
Vespertilionidae	<i>Chalinolobus gouldii</i> *	Gould's Wattled Bat
	<i>Nyctophilus geoffroyi</i> *	Lesser Long-eared Bat
	<i>Nyctophilus</i> sp. *	–
	<i>Vespadelus</i> sp. *	–
Vombatidae	<i>Vombatus ursinus</i> *	Bare-nosed Wombat





Invertebrates

Butterflies and Moths	
Family	Species
Geometridae	<i>Anachloris subochraria</i> *
	<i>Androchela milvaria</i> *
	<i>Androchela smithi</i> *
	<i>Aponotoreas epicrossa</i> *
	<i>Authaemon stenonipha</i> *
	<i>Casbia crataea</i> *
	<i>Casbia farinalis</i> *
	<i>Casbia melanops</i> *
	<i>Chlenias</i> sp. *
	<i>Chlorocoma dichloraria</i> *
	<i>Chlorocoma externa</i> *
	<i>Chlorocoma vertumnaria</i> *
	<i>Chrysolarentia interruptata</i> *
	<i>Ciampa arietaria</i> *
	<i>Crypsiphona tasmanica</i> *
	<i>Dasybela</i> sp. 1 *
	<i>Didymoctenia exsuperata</i> *
	<i>Ectropis excursaria</i> *
	<i>Ectropis fractaria</i> *
	<i>Epyaxa epia</i> *
	<i>Epyaxa subidaria</i> *
	<i>Fisera eribola</i> *
	<i>Fisera perplexata</i> *
	<i>Furcatrox australis</i> *
	<i>Gastrinodes bitaeniaria</i> *

Butterflies and Moths	
Family	Species
Geometridae	<i>Hypobapta percomptaria</i> *
	<i>Hypycnopa</i> sp. *
	<i>Idaea inversata</i> *
	<i>Microdes villosata</i> *
	<i>Mnesampela comarcha</i> *
	<i>Mnesampela heliochrysa</i> *
	<i>Monoctenia falernaria</i> *
	<i>Nisista</i> sp. *
	<i>Palleopa innotata</i> *
	<i>Parosteodes fictiliaria</i> *
	<i>Phelotis cognata</i> *
	<i>Plesanemma fucata</i> *
	<i>Poecilasthena pulchraria</i> *
	<i>Prasinocyma semicrocea</i> *
	<i>Rhinodia rostraria</i> *
	<i>Scioglyptis lyciaria</i> *
	<i>Scioglyptis</i> sp. *
	<i>Scopula megalocentra</i> *
	<i>Scopula optivata</i> *
	<i>Smyriodes aplectaria</i> *
	<i>Stibaroma melanotoxa</i> *
	<i>Syneora mundifera</i> *
	<i>Thalaina inscripta</i> *
	<i>Thalaina selenaea</i> *

Beetles	
Family	Species
Chrysomelidae	<i>Paropsis aegrota elliotti</i> *
	<i>Paropsis delittlei</i> *
	<i>Paropsis rubidipes</i> *
	<i>Paropsisterna bimaculata</i> *
	<i>Paropsisterna decolorata</i> *

Beetles	
Family	Species
Chrysomelidae	<i>Paropsisterna laesa</i> *
	<i>Paropsisterna trimaculata</i> *
	<i>Peltoschema hamadryas</i> *
	<i>Peltoschema orphana</i> *
	<i>Trachymela acclivis</i> *



True Bugs	
Family	Species
Pentatomidae	Petantominid gen. et n. sp. 2 *
	<i>Platycoris rugosus</i> *
Reduviidae	<i>Peirates fuliginosus</i> *

Grasshoppers	
Family	Species
Acrididae	<i>Phaulacridium vittatum</i> *
	<i>Tasmaniacris tasmaniensis</i> *
Rhaphidophoridae	<i>Parvotettix domesticus</i> *
Tettigoniidae	<i>Anelytra lateralis</i> *

Caddisflies	
Family	Species
Leptoceridae	<i>Oecetis laustra</i> *
	Oecetis n. sp. *
	<i>Oecetis</i> sp. *
Limnephilidae	<i>Archaeophylax ochreus</i> *

Millipedes	
Family	Species
Dalodesmidae	<i>Lissodesmus hamatus</i> *
	<i>Tasmaniosoma armatum</i> *
Metopidiotrichidae	<i>Australeuma jeekeli</i> *
Paradoxosomatidae	<i>Aethalosoma solum</i> *
	<i>Notodesmus scotius</i> *
Polydesmidae	Polydesmid n. sp. T10 *





Spiders	
Family	Species
Amaurobiidae	Amaurobiidae unid. genus, sp. *
	<i>Protohahniid</i> unid. sp. *
Amphinectidae	Tasmarubriinae unid. genus, sp. *
	<i>Tasmarubrius</i> unid. sp. *
Araneae	<i>Chenistonia</i> sp. *
Araneidae	Araneidae unid. genus, sp. (green) *
	<i>Eriophora pustulosa</i> *
Clubionidae	<i>Cheiracanthium</i> unid. sp. *
	<i>Clubiona</i> n. sp. 1 (Megapo) *
	<i>Clubiona</i> unid. sp. *
Corinnidae	<i>Battalus</i> n. sp. *
	<i>Poecilopta</i> n. sp. *
	<i>Supunna funerea</i> *
Desidae	<i>Badumna</i> unid. sp. *
	<i>Neodesis</i> n. genus, n. sp. *
	<i>Paramatachia</i> unid. sp. *
Dictynidae	<i>Arangina</i> sp. 1 *
Gnaphosidae	<i>Eilica</i> sp. 1 *
	Gnaphosidae (MegaApo1) *
	Gnaphosidae (Q-jewel) *
	Gnaphosidae unid. sp. *
	<i>Hemicloea</i> unid. sp. *
	<i>Megamyrmeleon</i> unid. sp. *
Hexathelidae	<i>Hadronyche venenata</i> *
Idiopidae	<i>Euoplos</i> (sp.1?) *
	<i>Euoplos</i> n. sp. (?) *
Lamponidae	<i>Paralampona domain</i> *
Linyphiidae	<i>Laperousea</i> unid. sp. *
	Linyphiidae unid. sp. *
	<i>Ostearius melanopygus</i> *

Spiders	
Family	Species
Lycosidae	<i>Artoria albopilata</i> *
	Lycosidae n. gen, n. sp. "Grey Wolf Spider" *
	<i>Venatrix funesta</i> *
	<i>Venatrix pictiventris</i> *
Miturgidae	<i>Miturga agelinina</i> *
	Miturgidae n. genus, n. sp. 1 *
Nemesiidae	<i>Chenistonia</i> unid. sp. (<i>trevallynia</i> ?) *
Nicodamidae	<i>Ambicodamus crinitus</i> *
Salticidae	<i>Opisthoncus</i> unid. sp. *
	Salticidae sp. "Longtrocs" *
	Salticidae unid. sp. *
	unid. genus ("Longtrocs"), sp.
Segestriidae	<i>Ariadna</i> n. sp. 1 *
	<i>Ariadna</i> unid. sp. (<i>segmentata</i> ?) *
Sparassidae	<i>Delena cancerides</i> *
	<i>Neosparassus</i> unid. sp. *
Stiphidiidae	<i>Stiphidion</i> unid. sp. *
Theridiidae	<i>Hadrotarsus</i> unid. sp. *
	<i>Latrodectus</i> unid. sp. *
Thomisidae	<i>Sidymella</i> sp. 1 *
	<i>Stephanopsis</i> sp. 1 *
Trochanteriidae	<i>Trachycosmus sculptilis</i> *
Zodariidae	<i>Habronestes tasmaniensis</i> *
	<i>Habronestes</i> unid. (sp. 1?) *
	<i>Habronestes</i> unid. sp. 1 *
	Zodariidae unid. genus, sp. (<i>Hetaerica</i> sp. 1?) *
Zoridae	<i>Argoctenus</i> n. sp. cf (<i>pictus</i> ?) *
	<i>Argoctenus</i> unid. sp. (<i>picta</i> ?) *
	<i>Elassoctenus</i> n. sp. (TasBlk5.2) *
	<i>Hestimodema</i> sp. 1 *
	<i>Hestimodema</i> unid. sp. (<i>twoplus2</i>) *



Snails and Slugs	
Family	Species
Agriolimacidae	<i>Deroceras reticulatum</i> *
Arionidae	<i>Arion intermedius</i> * ^
Caryodidae	<i>Caryodes dufresnii</i> *
Charopidae	<i>Allocharopa</i> sp. "Christ College" *
	<i>Elsothera ricei</i> *
	<i>Planilaoma luckmanii</i> *
	<i>Planilaoma</i> sp. (cf. <i>trucanini</i> unallocated) *
Helicarionidae	<i>Helicarion</i> sp. cf. <i>cuvieri</i> *
Limacidae	<i>Lehmannia nyctelia</i> * ^
	<i>Limax maximus</i> * ^

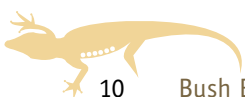
Snails and Slugs	
Family	Species
Punctidae	<i>Laomavix collisi</i> *
	<i>Paralaoma caputspinulae</i> *
	<i>Paralaoma servilis</i> *
	<i>Trocholaoma parvissimia</i> *
Rhytididae	<i>Prolesophanta nelsonensis</i> *
	<i>Tasmaphena ruga</i> *
Vitrinidae	<i>Vitrina pellucida</i> * ^
Zonitidae	<i>Oxychilus cellarius</i> * ^





Flora

Flowering Plants	
Family	Species
Ericaceae	<i>Cyathodes glauca</i>
	<i>Epacris acuminata</i>
Fabaceae	<i>Acacia riceana</i>
Orchidaceae	<i>Acianthus pusillus</i>
	<i>Caladenia carnea</i>
	<i>Caladenia fuscata</i>
	<i>Caladenia gracilis</i>
	<i>Chiloglottis reflexa</i>
	<i>Corybas diemenicus</i>
	<i>Cyrtostylis reniformis</i>
	<i>Cyrtostylis robusta</i> ~
	<i>Eriochilus cucullatus</i>
	<i>Pterostylis alata</i>





Appendix B: Rare and Threatened Species

Nomenclature and taxonomy used in this appendix are consistent with that from the Australian Faunal Directory (AFD), the Australian Plant Name Index (APNI) and the Australian Plant Census (APC).

Current at April 2012



Fauna

Species	Common name	Status
<i>Aquila audax</i> *	Wedge-tailed Eagle	EPBC — Endangered, TSP — Endangered
<i>Dasyurus maculatus</i> *	Spotted-tailed quoll	EPBC — Vulnerable, TSP — Rare
<i>Isoodon obesulus</i> *	Southern Brown Bandicoot	EPBC — Endangered
<i>Perameles gunnii</i> *	Eastern Barred Bandicoot	EPBC — Vulnerable
<i>Sarcophilus harrisii</i> *	Tasmanian Devil	EPBC — Endangered, TSP — Endangered

Flora

Species	Common name	Status
<i>Cyrtostylis robusta</i>	Large Gnat-orchid	TSP — Rare

Key EPBC = *Environment Protection and Biodiversity Conservation Act 1999* (Commonwealth)
 TSP = *Threatened Species Protection Act 1995* (Tasmania)
 * = New record for this reserve





Appendix C: Exotic and Pest Species

Nomenclature and taxonomy
used in this appendix are
consistent with that from the
Australian Faunal Directory (AFD).

Current at April 2012



Fauna

Species	Common name
<i>Arion intermedius</i> *	Hedgehog Slug
<i>Felis catus</i> *	Cat
<i>Lehmanna nyctelia</i> *	Striped Field Slug
<i>Lepus capensis</i> *	Brown Hare
<i>Limax maximus</i> *	Leopard Slug
<i>Mus musculus</i> *	House Mouse
<i>Oryctolagus cuniculus</i> *	Rabbit
<i>Oxychilus cellarius</i> *	Cellar Snail
<i>Rattus rattus</i>	Black Rat
<i>Vitrina pellucida</i> *	Western Glass Snail

* = New record for this reserve





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- + Tasmania 2010
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Supplements available:

- + Egg Islands Reserve
- + Flat Rock Reserve
- + Lower Porter Hill and Porter Hill Reserves
- + Murphys Flat Reserve
- + Seventeen Mile Plain Reserve
- + Vale of Belvoir Reserve

What is Bush Blitz?

Bush Blitz is a three-year, multi-million dollar partnership between the Australian Government, BHP Billiton and Earthwatch Australia to document plants and animals in selected properties across Australia's National Reserve System.

This innovative partnership harnesses the expertise of many of Australia's top scientists from museums, herbaria, universities, and other institutions and organisations across the country.



Bush Blitz survey report

Tasmania + March 2010

Flat Rock Reserve Supplement



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