



BUSH BLITZ SPECIES DISCOVERY PROGRAM



Koorawatha Nature Reserve Supplement



CARING FOR
OUR COUNTRY



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Key

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

Putative new species

Previously recorded on the reserve but not found on this survey

- EPBC = *Environment Protection and Biodiversity Conservation Act 1999* (Commonwealth)
- TSC = *Threatened Species Conservation Act 1995* (New South Wales)





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
Acanthizidae	<i>Gerygone albogularis</i> *	White-throated Gerygone
Accipitridae	<i>Aquila audax</i>	Wedge-tailed Eagle
Artamidae	<i>Artamus cyanopterus</i>	Dusky Woodswallow
	<i>Cracticus tibicen</i>	Australian Magpie
	<i>Cracticus torquatus</i>	Grey Butcherbird
	<i>Strepera graculina</i>	Pied Currawong
Cacatuidae	<i>Cacatua galerita</i>	Sulphur-crested Cockatoo
	<i>Eolophus roseicapillus</i>	Galah
Campephagidae	<i>Coracina novaehollandiae</i>	Black-faced Cuckoo-shrike
Climacteridae	<i>Cormobates leucophaea</i>	White-throated Treecreeper
Columbidae	<i>Ocyphaps lophotes</i>	Crested Pigeon
Corcoracidae	<i>Corcorax melanorhamphos</i>	White-winged Chough
Corvidae	<i>Corvus coronoides</i>	Australian Raven
Estrildidae	<i>Taeniopygia bichenovii</i> *	Double-barred Finch
Falconidae	<i>Falco peregrinus</i> *	Peregrine Falcon
Halcyonidae	<i>Todiramphus sanctus</i> *	Sacred Kingfisher
Maluridae	<i>Malurus cyaneus</i> *	Superb Fairy-wren
Meliphagidae	<i>Anthochaera carunculata</i>	Red Wattlebird
	<i>Lichenostomus chrysops</i> *	Yellow-faced Honeyeater
	<i>Philemon corniculatus</i>	Little Friarbird
Meropidae	<i>Merops ornatus</i> *	Rainbow Bee-eater
Monarchidae	<i>Grallina cyanoleuca</i> *	Magpie-lark
	<i>Myiagra inquieta</i>	Restless Flycatcher
Neosittidae	<i>Daphoenositta chrysoptera</i>	Varied Sittella
Oriolidae	<i>Oriolus sagittatus</i>	Olive-backed Oriole
Pachycephalidae	<i>Colluricincla harmonica</i>	Grey Shrike-thrush
	<i>Pachycephala rufiventris</i> *	Rufous Whistler
Pomatostomidae	<i>Pomatostomus superciliosus</i>	White-browed Babbler
	<i>Pomatostomus temporalis temporalis</i> ~	Grey-crowned Babbler (eastern subspecies)
Psittacidae	<i>Platycercus adscitus</i>	Pale-headed Rosella





Birds		
Family	Species	Common name
Rhipiduridae	<i>Rhipidura albiscapa</i> *	Grey Fantail
	<i>Rhipidura leucophrys</i>	Willie Wagtail

Frogs		
Family	Species	Common name
Hylidae	<i>Litoria latopalmata</i> *	Broad-palmed Frog
	<i>Litoria peronii</i> *	Peron's Tree Frog
Myobatrachidae	<i>Crinia parinsignifera</i> *	Eastern Sign-bearing Froglet
	<i>Crinia signifera</i> *	Eastern Common Froglet
	<i>Limnodynastes interioris</i> *	Giant Banjo Frog

Mammals		
Family	Species	Common name
Macropodidae	<i>Macropus giganteus</i>	Eastern Grey Kangaroo
	<i>Wallabia bicolor</i>	Swamp Wallaby
Molossidae	<i>Tadarida australis</i> *	White-striped Freetail-bat
Muridae	<i>Rattus rattus</i> * ^	Black Rat
Tachyglossidae	<i>Tachyglossus aculeatus</i>	Short-beaked Echidna
Vespertilionidae	<i>Chalinolobus gouldii</i> *	Gould's Wattled Bat
	<i>Chalinolobus morio</i> *	Chocolate Wattled Bat
	<i>Vespadelus darlingtoni</i> *	Large Forest Bat
	<i>Vespadelus vulturnus</i> *	Little Forest Bat

Reptiles		
Family	Species	Common name
Gekkonidae	<i>Diplodactylus vittatus</i> *	Wood Gecko
	<i>Underwoodisaurus milii</i> *	Thick-tailed Gecko
Pygopodidae	<i>Aprasia parapulchella</i> * # ~	Pink-tailed Legless Lizard
Scincidae	<i>Cryptoblepharus</i> sp.*	–
	<i>Lerista bougainvillii</i> *	South-eastern Slider
	<i>Morethia boulengeri</i> *	South-eastern Morethia Skink
	<i>Tiliqua rugosa</i>	Shingle-back



Invertebrates

Beetles	
Family	Species
Bolboceratidae	unid. sp. 1 *
Carabidae	Agonicini sp. 1 *
	<i>Arthropterus</i> sp. *
	Bembidiini sp. 1 *
	<i>Bembidion</i> sp. 1 *
	<i>Bembidion</i> sp. 2 *
	Broschini gen. sp. *
	<i>Calosoma</i> sp. 1 *
	<i>Carenum</i> sp. 1 *
	<i>Carenum</i> sp. 3 *
	<i>Catadromus</i> sp. *
	<i>Chlaenius</i> sp. 1 *
	<i>Chlaenius</i> sp. 2 *
	<i>Cicindela (Myriochile)</i> sp. *
	Cicindelinae sp. 1 *
	<i>Clivina</i> sp. *
	<i>Clivina</i> sp. 1 *
	<i>Craspedophorus</i> sp. *
	nr <i>Elaphrus</i> sp. 1 *
	Harpalinae sp. 1 *
	Harpalinae sp. 2 *
	Harpalini sp. 5 *
	<i>Homethes</i> sp. *
	Lebiinae sp. 1 *
	Lebiini sp. 1 *
	<i>Loxandrus</i> sp. *
	<i>Mecyclothorax</i> *
	<i>Oodes</i> sp. *
	Panagaeinae sp. 1 *
	<i>Pheropsophus verticalis</i> *
	<i>Promecoderus</i> sp. *
	<i>Pseudoceneus</i> sp. *
<i>Rhytisternus</i> sp. 1 *	
<i>Rhytisternus</i> sp. 2 *	

Beetles	
Family	Species
Carabidae	<i>Sarticus cyaneocinctus</i> *
	<i>Sarticus</i> sp. *
	<i>Simodontus</i> sp. *
Chrysomelidae	Eumolpinae sp. 1 *
	Paropsinae sp. 1 *
Coccinellidae	<i>Coccinella transversalis</i> *
Elateridae	unid. sp. 2 *
	unid. sp. 3 *
Heteroceridae	unid. sp. 1 *
Passalidae	Aulacocyclus sp. 1 *
Phalacridae	Phaenoccephalinae sp. 1 *
	unid. sp. 1 *
Scarabaeidae	Aphodiinae sp. 2 *
	Aphodiinae sp. 4 *
	nr <i>Heteronyx</i> sp. 1 *
	Onthophagus sp. 3 *
	Rutelinae sp. 1 *
	nr <i>Semanopterus</i> *
	Sericini sp. 1 *
Scraptiidae	unid. sp. 1 *
Silvanidae	Brontinae sp. 1 *
Staphylinidae	Aleocharinae sp. 1 *
	Aleocharinae sp. 2 *
	Pselaphinae sp. 1 *
	Staphylininae sp. 1 *
	Staphylininae sp. 2 *
	Staphylininae sp. 4 *
	Staphylininae sp. 6 *
Staphylininae sp. 7 *	
Tenebrionidae	<i>Euomma</i> sp. *
	unid. sp. 1 *
	unid. sp. 3 *
	unid. sp. 4 *
	unid. sp. 5 *
Trogidae	unid. sp. 3 *





Dragonflies	
Family	Species
Aeshnidae	<i>Adversaeschna brevistyla</i> *
Coenagrionidae	<i>Austroagrion watsoni</i> *
	<i>Ischnura aurora</i> *
	<i>Ischnura heterosticta</i> *
Gomphidae	<i>Austroepigomphus praeruptus</i> *
Hemicorduliidae	<i>Hemicordulia tau</i> *
Lestidae	<i>Austrolestes aridus</i> *
	<i>Austrolestes leda</i> *
Libellulidae	<i>Diplacodes bipunctata</i> *
	<i>Diplacodes haematodes</i> *
	<i>Orthetrum caledonicum</i> *
Megapodagrionidae	<i>Austroargiolestes icteromelas</i> *

Spiders	
Family	Species
Corinnidae	gen n. 1, sp. n. 1 *
	gen n. 2, sp. n. 3 *
	gen n. 3, sp. n. 4 *
	<i>Supunna funerea</i> *
	<i>Supunna picta</i> *
Desidae	gen n. 5, sp. n. 12 *
Hersiliidae	<i>Tamopsis eucalypti</i> *
	<i>Tamopsis fickerti</i> *
Lamponidae	<i>Longepi woodman</i> *
	<i>Queenvic goanna</i> *
Lycosidae	Artoria n. sp. 33 *
	Lycosidae n. sp. 25 *
	Lycosidae n. sp. 27 *
	Tasmanicosa n. sp. 26 *
	<i>Venonia micarioides</i> *
Miturgidae	gen. n. 4, n. sp. 7 *
	<i>Mituliodon tarantulinus</i> *
	<i>Miturga agelenina</i> *
	Miturga n. sp. 8 *

Spiders	
Family	Species
Miturgidae	Miturga n. sp. 9 *
	Miturga n. sp. 10 *
Nemesiidae	Aname n. sp. 14 *
	Chenistonia n. sp. 13 *
Oonopidae	Gamasomorpha n. sp. 22 *
	Myrmopopaea n. sp. 23 *
	Opopaea n. sp. 24 *
Prodidomidae	<i>Molycrta dalby</i> *
	<i>Myandra cambridgei</i> *
Zodariidae	Australutica n. sp. 16 *
	<i>Habronestes bradleyi</i> *
	<i>Habronestes grahami</i> *
	Hetaerica n. sp. 17 *
	<i>Holasteron aciculare</i> *
	Neostorena n. sp. 18 *
	Neostorena n. sp. 19 *
	Neostorena n. sp. 20 *
	<i>Pentasteron intermedium</i> *
	<i>Storena cyanea</i> *
<i>Storena formosa</i> *	



Snails	
Family	Species
Charopidae	<i>Elsothera funerea</i> *
Limacidae	<i>Lehmannia nyctelia</i> * ^
Punctidae	<i>Paralaoma caputspinulae</i> *
	<i>Paralaoma gelida</i> *
	Punctidae sp. "ST New" (expected to be ST9) *





Flora

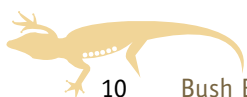
Ferns and Flowering Plants	
Family	Species
Apiaceae	<i>Actinotus gibbonsii</i> *
	<i>Actinotus helianthi</i> *
	<i>Hydrocotyle laxiflora</i> *
Asparagaceae	<i>Arthropodium fimbriatum</i> (<i>Dichopogon fimbriatus</i>) *
	<i>Arthropodium minus</i>
	<i>Laxmannia compacta</i> *
	<i>Lomandra filiformis</i>
	<i>Lomandra filiformis</i> subsp. <i>coriacea</i> *
Asphodelaceae	<i>Bulbine bulbosa</i> *
Aspleniaceae	<i>Pleurosorus rutifolius</i> *
Asteraceae	<i>Arctotheca calendula</i> * ^
	<i>Brachyscome gracilis</i> *
	<i>Brachyscome willisii</i> *
	<i>Calotis lappulacea</i> *
	<i>Carduus pycnocephalus</i> * ^
	<i>Chrysocephalum apiculatum</i> *
	<i>Chrysocephalum semipapposum</i>
	<i>Cotula australis</i> *
	<i>Euchiton sphaericus</i> *
	<i>Hypochaeris glabra</i> * ^
	<i>Hypochaeris radicata</i> * ^
	<i>Leptorhynchus squamatus</i> subsp. <i>squamatus</i> *
	<i>Senecio bathurstianus</i> *
	<i>Senecio</i> cf. <i>queenslandicus</i> *
	<i>Solenogyne dominii</i> *
	<i>Stuartina muelleri</i> *
	<i>Tolpis barbata</i> * ^
	<i>Triptilodiscus pygmaeus</i> *
	<i>Vittadinia cuneata</i> var. <i>hirsuta</i> *
	<i>Vittadinia gracilis</i> *

Ferns and Flowering Plants	
Family	Species
Asteraceae	<i>Vittadinia muelleri</i> *
	<i>Xerochrysum viscosum</i> *
Boraginaceae	<i>Cynoglossum suaveolens</i> *
Brassicaceae	<i>Lepidium africanum</i> * ^
Campanulaceae	<i>Isotoma axillaris</i> *
	<i>Wahlenbergia gracilis</i>
	<i>Wahlenbergia stricta</i> *
Caryophyllaceae	<i>Arenaria leptocladus</i> * ^
	<i>Polycarpon tetraphyllum</i> * ^
	<i>Silene gallica</i> var. <i>gallica</i> * ^
	<i>Stellaria media</i> * ^
Casuarinaceae	<i>Allocasuarina diminuta</i> *
	<i>Allocasuarina verticillata</i> *
Centrolepidaceae	<i>Centrolepis strigosa</i> *
Chenopodiaceae	<i>Einadia nutans</i> subsp. <i>nutans</i> *
Crassulaceae	<i>Crassula sieberiana</i> *
Cupressaceae	<i>Callitris endlicheri</i>
Cyperaceae	<i>Carex inversa</i> *
	<i>Isolepis hookeriana</i> *
	<i>Lepidosperma laterale</i> *
Droseraceae	<i>Drosera peltata</i>
Epacridaceae	<i>Monotoca scoparia</i> *
Euphorbiaceae	<i>Poranthera microphylla</i> *
	<i>Pseudanthus divaricatissimus</i> *
Fabaceae	<i>Acacia doratoxylon</i>
	<i>Acacia paradoxa</i> *
	<i>Acacia spectabilis</i> *
	<i>Daviesia pubigera</i> *
	<i>Glycine clandestina</i> *
	<i>Indigofera adesmiifolia</i>
	<i>Indigofera australis</i> *
	<i>Trifolium angustifolium</i> var. <i>angustifolium</i> * ^
	<i>Trifolium arvense</i> * ^



Ferns and Flowering Plants	
Family	Species
Fabaceae	<i>Trifolium campestre</i> var. <i>campestre</i> * ^
	<i>Trifolium glomeratum</i> * ^
	<i>Trifolium striatum</i> * ^
	<i>Trifolium subterraneum</i> * ^
Gentianaceae	<i>Centaurium tenuiflorum</i> * ^
Geraniaceae	<i>Geranium molle</i> * ^
	<i>Geranium retrorsum</i> *
Goodeniaceae	<i>Dampiera lanceolata</i> *
	<i>Goodenia hederacea</i> subsp. <i>hederacea</i> *
	<i>Goodenia pinnatifida</i> *
Haloragaceae	<i>Gonocarpus elatus</i> *
Hemerocallidaceae	<i>Stypantra glauca</i> *
Juncaceae	<i>Juncus bufonius</i> * ^
	<i>Juncus remotiflorus</i> *
	<i>Luzula flaccida</i> *
Lamiaceae	<i>Ajuga australis</i> *
	<i>Scutellaria humilis</i> *
Malvaceae	<i>Sida corrugata</i> *
Myrtaceae	<i>Eucalyptus dealbata</i> *
	<i>Eucalyptus goniocalyx</i> subsp. <i>goniocalyx</i> *
	<i>Eucalyptus microcarpa</i> *
	<i>Eucalyptus rossii</i> *
	<i>Eucalyptus sideroxylon</i> subsp. <i>sideroxylon</i> *
Orchidaceae	<i>Microtis parviflora</i> *
	<i>Pterostylis boormanii</i> *
Orobanchaceae	<i>Orobanche minor</i> * ^
Oxalidaceae	<i>Oxalis radicata</i> *
Papaveraceae	<i>Papaver somniferum</i> * ^
Plantaginaceae	<i>Misopates orontium</i> * ^
	<i>Veronica</i> cf. <i>plebeia</i> *

Ferns and Flowering Plants	
Family	Species
Poaceae	<i>Aira elegantissima</i> * ^
	<i>Austrostipa densiflora</i> *
	<i>Austrostipa scabra</i> subsp. <i>falcata</i> *
	<i>Briza maxima</i> * ^
	<i>Cleistochloa rigida</i> *
	<i>Cynosurus echinatus</i> * ^
	<i>Holcus lanatus</i> ^ *
	<i>Hordeum leporinum</i> * ^
	<i>Lamarckia aurea</i> * ^
	<i>Microlaena stipoides</i> var. <i>stipoides</i> *
	<i>Poa sieberiana</i> var. <i>sieberiana</i> *
<i>Rytidosperma pallidum</i> *	
<i>Vulpia myuros</i> f. <i>myuros</i> * ^	
Portulacaceae	<i>Calandrinia eremaea</i> *
Primulaceae	<i>Lysimachia arvensis</i> * ^
Proteaceae	<i>Grevillea lanigera</i>
Pteridaceae	<i>Cheilanthes sieberi</i> *
	<i>Pellaea falcata</i> *
Ranunculaceae	<i>Ranunculus pumilio</i> *
Rubiaceae	<i>Galium divaricatum</i> * ^
	<i>Galium gaudichaudii</i> subsp. <i>gaudichaudii</i> *
	<i>Pomax umbellata</i> *
Rutaceae	<i>Phebalium squamulosum</i> subsp. <i>squamulosum</i> *
Sapindaceae	<i>Dodonaea viscosa</i> subsp. <i>angustifolia</i>
Solanaceae	<i>Lycium ferocissimum</i> * ^
	<i>Solanum cinereum</i>
Urticaceae	<i>Parietaria debilis</i> *
	<i>Urtica urens</i> * ^
Violaceae	<i>Hybanthus monopetalus</i> *





Appendix B: Rare and Threatened 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	Status
<i>Aprasia parapulchella</i> *	Pink-tailed Legless Lizard, Pink-tailed Worm-lizard	EPBC — Vulnerable, TSC — Vulnerable
<i>Pomatostomus temporalis temporalis</i>	Grey-crowned Babbler	TSC — Vulnerable

EPBC = refers to the *Environment Protection and Biodiversity Conservation Act 1999* (Commonwealth)

TSC = refers to the *Threatened Species Conservation Act 1995* (New South Wales)

* = New record for this reserve

Previously recorded on the reserve but not found on this survey





Appendix C: Exotic and Pest 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
<i>Lehmanna nyctelia</i> *	Striped Field Slug
<i>Rattus rattus</i> *	Black Rat

* = New record for this reserve

Flora

Species	Common name
<i>Aira elegantissima</i> *	Delicate Hairgrass
<i>Arctotheca calendula</i> *	Capeweed, Cape Dandelion
<i>Arenaria leptoclados</i> *	Lesser Thyme-leaved Sandwort
<i>Briza maxima</i> *	Quaking Grass, Giant Shivery Grass
<i>Carduus pycnocephalus</i> *	Slender Thistle
<i>Centaurium tenuiflorum</i> *	Century Weed
<i>Cynosurus echinatus</i> *	Rough Dog's-tail
<i>Galium divaricatum</i> *	Slender Bedstraw
<i>Geranium molle</i> *	Cranesbill Geranium
<i>Holcus lanatus</i> *	Yorkshire Fog
<i>Hordeum leporinum</i> *	Barley Grass
<i>Hypochaeris glabra</i> *	Smooth Catsear
<i>Hypochaeris radicata</i> *	Catsear, Flatweed
<i>Juncus bufonius</i> *	Toad Rush
<i>Lamarckia aurea</i> *	Goldentop
<i>Lepidium africanum</i> *	–
<i>Lycium ferocissimum</i> *	African Boxthorn
<i>Lysimachia arvensis</i> *	Pimpernel

Species	Common name
<i>Misopates orontium</i> *	Lesser Snapdragon
<i>Orobanche minor</i> *	Lesser Broomrape
<i>Papaver somniferum</i> *	Opium Poppy
<i>Polycarpon tetraphyllum</i> *	Four-leaved Allseed, Four-leaf Allseed
<i>Silene gallica</i> var. <i>gallica</i> *	French Catchfly, Small-flower Catchfly
<i>Stellaria media</i> *	Common Chickweed
<i>Tolpis barbata</i> *	Yellow Hawkweed
<i>Trifolium angustifolium</i> var. <i>angustifolium</i> *	Narrow-leaved Clover
<i>Trifolium arvense</i> *	Hare's-foot Clover
<i>Trifolium campestre</i> var. <i>campestre</i> *	Hop Clover
<i>Trifolium glomeratum</i> *	Clustered Clover
<i>Trifolium striatum</i> *	Knotted Clover
<i>Trifolium subterraneum</i> *	Subterranean Clover
<i>Urtica urens</i> *	Small Nettle
<i>Vulpia myuros</i> f. <i>myuros</i> *	Rat's Tail Fescue

* = New record for this reserve





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This supplement contains the appendices from the Bush Blitz survey report:

- + Central NSW 2010 including Dananbilla, Illunie and Koorawatha Nature Reserves, NSW. ISBN 978 0 642 56868 7

Supplements available:

- + Dananbilla Nature Reserve
- + Illunie Nature Reserve
- + Koorawatha Nature 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

Central NSW + November 2010

Koorawatha Nature Reserve Supplement



CARING FOR
OUR COUNTRY

