



BUSH BLITZ SPECIES DISCOVERY PROGRAM



# Ginghet Nature Reserve NSW Supplement



# Contents

Appendix A: Species Lists	3
Flora	4
Flowering Plants	4
Appendix C: Exotic and Pest Species	7
Flora	8
Flowering Plants	8

# Key

\* = New record for this reserve

^ = Exotic/Pest

# = EPBC listed

~ = TSC (NSW) listed

† = FMA (NSW) listed

‡ = NCA (Qld) listed

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

FMA = *Fisheries Management Act 1994* (New South Wales)

NCA = *Nature Conservation Act 1992* (Queensland)

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

Colour coding for entries:

Black = Previously recorded on the reserve and found on this survey

**Brown** = **Putative new species**

Blue = Previously recorded on the reserve but not found on this survey





## Appendix A: Species Lists

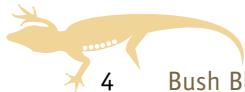
Nomenclature and taxonomy used in this appendix are consistent with that from the Australian Faunal Directory (AFD), the Australian Plant Name Index (APNI) and the Australian Plant Census (APC).

Current at March 2014



# Flora

Flowering Plants		Flowering Plants	
Family	Species	Family	Species
Acanthaceae	<i>Rostellularia adscendens</i> subsp. <i>adscendens</i> *	Asteraceae	<i>Vittadinia cuneata</i> var. <i>hirsuta</i> *
Alismataceae	<i>Damasonium minus</i> *		<i>Xanthium spinosum</i> ^ *
Amaranthaceae	<i>Alternanthera denticulata</i> *		<i>Xanthium strumarium</i> ^ *
	<i>Amaranthus macrocarpus</i> var. <i>macrocarpus</i> *	Brassicaceae	<i>Lepidium fasciculatum</i> *
	<i>Ptilotus nobilis</i> *		<i>Lepidium pseudohyssopifolium</i> *
	<i>Ptilotus obovatus</i> var. <i>obovatus</i> *		<i>Menkea australis</i> *
	<i>Ptilotus sessilifolius</i> *		<i>Sisymbrium erysimoides</i> ^ *
Apiaceae	<i>Daucus glochidiatus</i> (form F) *	Capparaceae	<i>Apophyllum anomalum</i> *
Asteraceae	<i>Brachyscome melanocarpa</i> *		<i>Capparis lasiantha</i> *
	<i>Calendula arvensis</i> ^ *		<i>Capparis mitchellii</i> *
	<i>Calotis cuneifolia</i> *	Caryophyllaceae	<i>Petrorhagia nanteuilii</i> ^ *
	<i>Calotis hispidula</i> *		<i>Stellaria angustifolia</i> *
	<i>Calotis scabiosifolia</i> var. <i>scabiosifolia</i> *	Casuarinaceae	<i>Casuarina cristata</i> *
	<i>Centaurea melitensis</i> ^ *	Chenopodiaceae	<i>Atriplex eardleyae</i> *
	<i>Centipeda minima</i> *		<i>Atriplex leptocarpa</i> *
	<i>Chrysocephalum apiculatum</i> *		<i>Atriplex lindleyi</i> *
	<i>Eclipta platyglossa</i> *		<i>Atriplex muelleri</i> *
	<i>Flaveria trinervia</i> *		<i>Chenopodium desertorum</i> subsp. <i>desertorum</i> *
	<i>Gnephosis arachnoidea</i> *		<i>Chenopodium nitrariaceum</i> *
	<i>Leiocarpa tomentosa</i> *		<i>Dysphania littoralis</i> *
	<i>Minuria integriflora</i> *		<i>Dysphania pumilio</i> *
	<i>Onopordum acanthium</i> subsp. <i>acanthium</i> ^ *		<i>Einadia nutans</i> subsp. <i>eremaea</i> *
	<i>Pseudognaphalium luteoalbum</i> *		<i>Einadia nutans</i> subsp. <i>linifolia</i> *
	<i>Pycnosorus globosus</i> *		<i>Einadia nutans</i> subsp. <i>nutans</i> *
	<i>Rhodanthe floribunda</i> *		<i>Einadia nutans</i> subsp. <i>oxycarpa</i> *
	<i>Rhodanthe stricta</i> *		<i>Einadia polygonoides</i> *
	<i>Senecio pinnatifolius</i> var. <i>pinnatifolius</i> *		<i>Enchytraea tomentosa</i> *
	<i>Sonchus oleraceus</i> ^ *		<i>Maireana aphylla</i> *
	<i>Vittadinia cuneata</i> var. <i>cuneata</i> *		<i>Maireana coronata</i> *
			<i>Maireana decalvans</i> *
			<i>Maireana microphylla</i> *
			<i>Malacocera tricornis</i> *

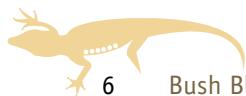




Flowering Plants		Flowering Plants	
Family	Species	Family	Species
Chenopodiaceae	<i>Rhagodia spinescens</i> *	Lamiaceae	<i>Lamium amplexicaule</i> ^ *
	<i>Salsola australis</i> *		<i>Marrubium vulgare</i> ^ *
	<i>Scleroblitum atriplicinum</i> *		<i>Teucrium racemosum</i> *
	<i>Sclerolaena bicornis</i> var. <i>horrida</i> *	Malvaceae	<i>Amyema lucasii</i> *
	<i>Sclerolaena birchii</i> *		<i>Abutilon leucopetalum</i> *
	<i>Sclerolaena calcarata</i> *		<i>Abutilon macrum</i> *
	<i>Sclerolaena decurrens</i> *		<i>Abutilon oxycarpum</i> var. <i>subsagittatum</i> *
	<i>Sclerolaena diacantha</i> *		<i>Hibiscus brachysiphonius</i> *
	<i>Sclerolaena divaricata</i> *		<i>Hibiscus trionum</i> *
	<i>Sclerolaena eriacantha</i> *		<i>Malva parviflora</i> ^ *
	<i>Sclerolaena muricata</i> var. <i>semiglabra</i> *		<i>Malvastrum americanum</i> ^ *
	<i>Sclerolaena muricata</i> var. <i>villosa</i> *		<i>Sida corrugata</i> *
	<i>Sclerolaena stelligera</i> *		<i>Sida fibulifera</i> *
	<i>Sclerolaena tricuspis</i> *		<i>Sida</i> sp. A *
	<i>Sclerolaena ventricosa</i> *		<i>Sida trichopoda</i> *
Cucurbitaceae	<i>Cucumis myriocarpus</i> ^ *	Marsileaceae	<i>Marsilea drummondii</i> *
Cupressaceae	<i>Callitris glauophylla</i> *	Meliaceae	<i>Owenia acidula</i> *
Cyperaceae	<i>Cyperus alterniflorus</i> *	Myrtaceae	<i>Eucalyptus camaldulensis</i> *
	<i>Cyperus bifax</i> *		<i>Eucalyptus coolabah</i> subsp. <i>coolabah</i> *
	<i>Cyperus difformis</i> *		<i>Eucalyptus largiflorens</i> *
	<i>Cyperus rigidellus</i> *		<i>Eucalyptus populnea</i> subsp. <i>bimbil</i> *
	<i>Eleocharis pallens</i> *	Nyctaginaceae	<i>Boerhavia dominii</i> *
Euphorbiaceae	<i>Chamaesyce dallachiana</i> *	Phrymaceae	<i>Mimulus gracilis</i> *
	<i>Chamaesyce drummondii</i> *		<i>Mimulus prostratus</i> *
Fabaceae	<i>Acacia decora</i> *	Plantaginaceae	<i>Plantago cunninghamii</i> *
	<i>Acacia oswaldii</i> *	Poaceae	<i>Austrostipa scabra</i> subsp. <i>scabra</i> *
	<i>Acacia pendula</i> *		<i>Bothriochloa decipiens</i> *
	<i>Acacia stenophylla</i> *		<i>Cenchrus ciliaris</i> ^ *
	<i>Medicago laciniata</i> ^ *		<i>Chloris truncata</i> *
	<i>Medicago polymorpha</i> ^ *		<i>Cynodon dactylon</i> *
	<i>Senna circinnata</i> *		<i>Digitaria divaricatissima</i> *
	<i>Sesbania cannabina</i> var. <i>cannabina</i> *		<i>Eleusine tristachya</i> ^ *
Goodeniaceae	<i>Goodenia fascicularis</i> *		<i>Enteropogon acicularis</i> *
Haloragaceae	<i>Haloragis aspera</i> *		<i>Eragrostis australasica</i> *
Hemerocallidaceae	<i>Dianella longifolia</i> var. <i>longifolia</i> *		<i>Eragrostis cilianensis</i> ^ *
Juncaceae	<i>Juncus aridicola</i> *		



Flowering Plants		Flowering Plants	
Family	Species	Family	Species
Poaceae	<i>Eragrostis lacunaria</i> *	Sapindaceae	<i>Alectryon oleifolius</i> subsp. <i>canescens</i> *
	<i>Eragrostis leptocarpa</i> *		<i>Alectryon oleifolius</i> subsp. <i>elongatus</i> *
	<i>Eragrostis parviflora</i> *		<i>Atalaya hemiglaucha</i> *
	<i>Eragrostis pilosa</i> ^ *	Scrophulariaceae	<i>Eremophila bignoniiflora</i> *
	<i>Eragrostis setifolia</i> *		<i>Eremophila deserti</i> *
	<i>Eriochloa pseudoacrotricha</i> *		<i>Eremophila glabra</i> *
	<i>Lachnagrostis filiformis</i> *		<i>Eremophila longifolia</i> *
	<i>Moorochloa eruciformis</i> ^ *		<i>Eremophila mitchellii</i> *
	<i>Panicum laevinode</i> *		<i>Eremophila polyclada</i> *
	<i>Paspalidium constrictum</i> *		<i>Eremophila sturtii</i> *
	<i>Paspalidium jubiflorum</i> *		<i>Myoporum montanum</i> *
	<i>Sporobolus actinocladius</i> *	Solanaceae	<i>Nicotiana megalosiphon</i> subsp. <i>megalosiphon</i> *
	<i>Sporobolus caroli</i> *		<i>Physalis lanceifolia</i> ^ *
	<i>Sporobolus mitchellii</i> *		<i>Solanum ellipticum</i> *
	<i>Themeda australis</i> *		<i>Solanum esuriale</i> *
	<i>Muehlenbeckia florulenta</i> *		<i>Solanum ferocissimum</i> *
Polygonaceae	<i>Portulaca oleracea</i> *	Thymelaeaceae	<i>Solanum nigrum</i> ^ *
Portulacaceae	<i>Clematis microphylla</i> var. <i>microphylla</i> *		<i>Pimelea microcephala</i> subsp. <i>microcephala</i> *
Ranunculaceae	<i>Ventilago viminalis</i> *	Typhaceae	<i>Typha orientalis</i> *
Rhamnaceae	<i>Psydrax oleifolia</i> *	Verbenaceae	<i>Verbena officinalis</i> ^ *
Rubiaceae	<i>Flindersia maculosa</i> *	Zygophyllaceae	<i>Zygophyllum apiculatum</i> *
Rutaceae	<i>Geijera parviflora</i> *		





## 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).

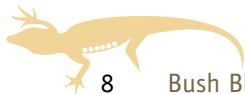
Current at March 2014



# Flora

## Flowering Plants

Family	Species	Common name
Asteraceae	<i>Calendula arvensis</i> *	Field Marigold
	<i>Centaurea melitensis</i> *	Maltese Cockspur, Cockspur Thistle
	<i>Onopordum acanthium</i> subsp. <i>acanthium</i> *	Scotch Thistle
	<i>Sonchus oleraceus</i> *	Common Sowthistle
	<i>Xanthium spinosum</i> *	Bathurst Burr
	<i>Xanthium strumarium</i> *	Noogoora Burr
Brassicaceae	<i>Sisymbrium erysimoides</i> *	Smooth Mustard
Caryophyllaceae	<i>Petrorhagia nanteuilii</i> *	Proliferous Pink, Childing Pink
Cucurbitaceae	<i>Cucumis myriocarpus</i> *	Paddy Melon
Fabaceae	<i>Medicago laciniata</i> *	Cut-leaved Medic
	<i>Medicago polymorpha</i> *	Burr Medic
Lamiaceae	<i>Lamium amplexicaule</i> *	Henbit, Dead Nettle
	<i>Marrubium vulgare</i> *	Horehound
Malvaceae	<i>Malva parviflora</i> *	Small-flowered Mallow
	<i>Malvastrum americanum</i> *	Spiked Malvastrum
Poaceae	<i>Cenchrus ciliaris</i> *	Buffel Grass
	<i>Eleusine tristachya</i> *	Goose Grass, Crab Grass
	<i>Eragrostis cilianensis</i> *	Stinkgrass
	<i>Eragrostis pilosa</i> *	Soft Lovegrass
	<i>Moorochloa eruciformis</i> *	Sweet Signal Grass
Solanaceae	<i>Physalis lanceifolia</i> *	Lance-leaved Ground-cherry
	<i>Solanum nigrum</i> *	Black Berry Nightshade
Verbenaceae	<i>Verbena officinalis</i> *	Common Verbena, Vervain





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

- + North-western NSW and southern Qld 2009–2010 including Culgoa Floodplain, Culgoa, Gundabooka, Mount Grenfell (proposed), Paroo-Darling, Toorale National Parks; Gundabooka, Paroo-Darling, Toorale State Conservation Areas; Culgoa, Ginghet, Ledknapper, Quanda Nature Reserves; and Mount Grenfell Historic Site. ISBN 978 0 642 56880 9

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- + Culgoa Floodplain National Park Qld
- + Culgoa National Park and Culgoa Nature Reserve NSW
- + Gundabooka National Park and Gundabooka State Conservation Area NSW
- + Paroo-Darling National Park and Paroo-Darling State Conservation Area NSW
- + Toorale National Park and Toorale State Conservation Area NSW
- + Mount Grenfell Historic Site and proposed Mount Grenfell National Park NSW
- + Ginghet Nature Reserve NSW
- + Ledknapper Nature Reserve NSW
- + Quanda, Nombinnie and Nocoleche Nature Reserves NSW

### What is Bush Blitz?

Bush Blitz is a 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

North-western NSW and southern Qld + 2009–2010  
Ginghet Nature Reserve NSW Supplement

