

APPENDIX A1: STATE DEFINITION OF THREATENED AND PRIORITY FLORA SPECIES

Note: Adapted from DPaW (2017c).

Category	Definition
<p>T – Threatened</p>	<p>Taxa that have been adequately searched for and are deemed to be in the wild either rare, in danger of extinction, or otherwise in need of special protection, and have been gazetted as such (Schedules 1 to 4 of the <i>Wildlife Conservation (Rare Flora) Notice</i> under the WC Act). Threatened flora are further ranked by the DPaW to align with IUCN Red List categories and criteria:</p> <ul style="list-style-type: none"> • CR: Critically Endangered – considered to be facing an extremely high risk of extinction in the wild (Schedule 1); • EN: Endangered – considered to be facing a very high risk of extinction in the wild (Schedule 2); or • VU: Vulnerable – considered to be facing a high risk of extinction in the wild (Schedule 3). • EX: Presumed Extinct – taxa that have been adequately searched for and there is no reasonable doubt that the last individual has died (Schedule 4)
<p>P1 – Priority 1 (Poorly known taxa)</p>	<p>Taxa that are known from one or a few collections or sight records (generally less than five), all on lands not managed for conservation, e.g. agricultural or pastoral lands, urban areas, Shire, Westrail and Main Roads WA road, gravel and soil reserves, and active mineral leases and under threat of habitat destruction or degradation.</p> <p>Taxa may be included if they are comparatively well known from one or more localities but do not meet adequacy of survey requirements and appear to be under immediate threat from known threatening processes.</p>
<p>P2 – Priority 2 (Poorly known taxa)</p>	<p>Taxa that are known from one or a few collections or sight records, some of which are on lands not under imminent threat of habitat destruction or degradation, e.g. national parks, conservation parks, nature reserves, State forest, vacant Crown land, water reserves, etc.</p> <p>Taxa may be included if they are comparatively well known from one or more localities but do not meet adequacy of survey requirements and appear to be under threat from known threatening processes.</p>
<p>P3 – Priority 3 (Poorly known taxa)</p>	<p>Taxa that are known from collections or sight records from several localities not under imminent threat, or from few but widespread localities with either large population size or significant remaining areas of apparently suitable habitat, much of it not under imminent threat.</p> <p>Taxa may be included if they are comparatively well known from several localities but do not meet adequacy of survey requirements and known threatening processes exist that could affect them.</p>
<p>P4 – Priority 4 (Rare, Near Threatened and other taxa in need of monitoring)</p>	<p>1. Rare - Taxa that are considered to have been adequately surveyed, or for which sufficient knowledge is available, and that are considered not currently threatened or in need of special protection, but could be if present circumstances change. These species are usually represented on conservation lands.</p> <p>2. Near Threatened - Taxa that are considered to have been adequately surveyed and that do not qualify for Conservation Dependent, but that are close to qualifying for Vulnerable.</p> <p>3. Taxa that have been removed from the list of threatened species during the past five years for reasons other than taxonomy.</p>

APPENDIX A2: FEDERAL DEFINITION OF THREATENED FLORA SPECIES (*Environment Protection and Biodiversity Conservation Act 1999*)

Category Code	Category
Ex	<p>Extinct</p> <p>Taxa which at a particular time if, at that time, there is no reasonable doubt that the last member of the species has died.</p>
ExW	<p>Extinct in the Wild</p> <p>Taxa which is known only to survive in cultivation, in captivity or as a naturalised population well outside its past range; or it has not been recorded in its known and/or expected habitat, at appropriate seasons, anywhere in its past range, despite exhaustive surveys over a time frame appropriate to its life cycle and form.</p>
CE	<p>Critically Endangered</p> <p>Taxa which at a particular time if, at that time, it is facing an extremely high risk of extinction in the wild in the immediate future, as determined in accordance with the prescribed criteria.</p>
E	<p>Endangered</p> <p>Taxa which is not critically endangered and it is facing a very high risk of extinction in the wild in the immediate or near future, as determined in accordance with the prescribed criteria.</p>
V	<p>Vulnerable</p> <p>Taxa which is not critically endangered or endangered and is facing a high risk of extinction in the wild in the medium-term future, as determined in accordance with the prescribed criteria.</p>
CD	<p>Conservation Dependent</p> <p>Taxa which at a particular time if, at that time, the species is the focus of a specific conservation program, the cessation of which would result in the species becoming vulnerable, endangered or critically endangered within a period of 5 years.</p>

APPENDIX A3: STATE DEFINITION OF THREATENED ECOLOGICAL COMMUNITIES (DPaW 2017d)

Category Code	Category
PTD	<p>Presumed Totally Destroyed</p> <p>An ecological community will be listed as Presumed Totally Destroyed if there are no recent records of the community being extant and either of the following applies:</p> <ul style="list-style-type: none"> (i) records within the last 50 years have not been confirmed despite thorough searches or known likely habitats or; (ii) all occurrences recorded within the last 50 years have since been destroyed.
CE	<p>Critically Endangered</p> <p>An ecological community will be listed as Critically Endangered when it has been adequately surveyed and is found to be facing an extremely high risk of total destruction in the immediate future, meeting any one of the following criteria:</p> <ul style="list-style-type: none"> (i) The estimated geographic range and distribution has been reduced by at least 90% and is either continuing to decline with total destruction imminent, or is unlikely to be substantially rehabilitated in the immediate future due to modification; (ii) The current distribution is limited ie. highly restricted, having very few small or isolated occurrences, or covering a small area; (iii) The ecological community is highly modified with potential of being rehabilitated in the immediate future.
E	<p>Endangered</p> <p>An ecological community will be listed as Endangered when it has been adequately surveyed and is not Critically Endangered but is facing a very high risk of total destruction in the near future. The ecological community must meet any one of the following criteria:</p> <ul style="list-style-type: none"> (i) The estimated geographic range and distribution has been reduced by at least 70% and is either continuing to decline with total destruction imminent in the short term future, or is unlikely to be substantially rehabilitated in the short term future due to modification; (ii) The current distribution is limited ie. highly restricted, having very few small or isolated occurrences, or covering a small area; (iii) The ecological community is highly modified with potential of being rehabilitated in the short term future.
V	<p>Vulnerable</p> <p>An ecological community will be listed as Vulnerable when it has been adequately surveyed and is not Critically Endangered or Endangered but is facing high risk of total destruction in the medium to long term future. The ecological community must meet any one of the following criteria:</p> <ul style="list-style-type: none"> (i) The ecological community exists largely as modified occurrences that are likely to be able to be substantially restored or rehabilitated; (ii) The ecological community may already be modified and would be vulnerable to threatening process, and restricted in range or distribution; (iii) The ecological community may be widespread but has potential to move to a higher threat category due to existing or impending threatening processes.

**APPENDIX A4: FEDERAL DEFINITION OF THREATENED ECOLOGICAL COMMUNITIES
(Commonwealth *Environment Protection and Biodiversity Conservation Act 1999*)**

Three categories exist for listing threatened ecological communities under the Commonwealth *Environment Protection and Biodiversity Conservation Act 1999*.

Listing Category	Explanation of Category
Critically endangered	If, at that time, it is facing an extremely high risk of extinction in the wild in the immediate future.
Endangered	If, at that time, it is not critically endangered and is facing a very high risk of extinction in the wild in the near future.
Vulnerable	If, at that time, it is not critically endangered or endangered, and is facing a high risk of extinction in the wild in the medium-term future.

APPENDIX A5: STATE DEFINITION OF PRIORITY ECOLOGICAL COMMUNITIES (DPaW 2017d)

Category Code	Category
P1	<p>Poorly-known ecological communities</p> <p>Ecological communities with apparently few, small occurrences, all or most not actively managed for conservation (e.g. within agricultural or pastoral lands, urban areas, active mineral leases) and for which current threats exist.</p>
P2	<p>Poorly-known ecological communities</p> <p>Communities that are known from few small occurrences, all or most of which are actively managed for conservation (e.g. within national parks, conservation parks, nature reserves, State forest, un-allocated Crown land, water reserves, etc.) and not under imminent threat of destruction or degradation.</p>
P3	<p>Poorly known ecological communities</p> <p>(i) Communities that are known from several to many occurrences, a significant number or area of which are not under threat of habitat destruction or degradation or:</p> <p>(ii) Communities known from a few widespread occurrences, which are either large or within significant remaining areas of habitat in which other occurrences may occur, much of it not under imminent threat, or;</p> <p>(iii) Communities made up of large, and/or widespread occurrences, that may or not be represented in the reserve system, but are under threat of modification across much of their range from processes such as grazing and inappropriate fire regimes.</p>
P4	<p>Ecological communities that are adequately known, rare but not threatened or meet criteria for Near Threatened, or that have been recently removed from the threatened list. These communities require regular monitoring.</p>
P5	<p>Conservation Dependent ecological communities</p> <p>Ecological communities that are not threatened but are subject to a specific conservation program, the cessation of which would result in the community becoming threatened within five years.</p>

**APPENDIX A6: CATEGORIES AND CONTROL OF DECLARED (PLANT) PESTS IN WESTERN AUSTRALIA
(DAFWA 2017, *Biosecurity and Agriculture Management Regulations 2013*)**

Control Category	Control Measures
<p style="text-align: center;">C1 (Exclusion)</p> <p>'(a) Category 1 (C1) — Exclusion: if in the opinion of the Minister introduction of the declared pest into an area or part of an area for which it is declared should be prevented'</p> <p>Pests will be assigned to this category if they are not established in Western Australia and control measures are to be taken, including border checks, in order to prevent them entering and establishing in the State.</p>	<p>In relation to a category 1 declared pest, the owner or occupier of land in an area for which an organism is a declared pest or a person who is conducting an activity on the land must take such of the control measures specified in subregulation (1) as are reasonable and necessary to destroy, prevent or eradicate the declared pest.</p>
<p style="text-align: center;">C2 (Eradication)</p> <p>'(b) Category 2 (C2) — Eradication: if in the opinion of the Minister eradication of the declared pest from an area or part of an area for which it is declared is feasible'</p> <p>Pests will be assigned to this category if they are present in Western Australia in low enough numbers or in sufficiently limited areas that their eradication is still a possibility.</p>	<p>In relation to a category 2 declared pest, the owner or occupier of land in an area for which an organism is a declared pest or a person who is conducting an activity on the land must take such of the control measures specified in subregulation (1) as are reasonable and necessary to destroy, prevent or eradicate the declared pest.</p>
<p style="text-align: center;">C3 (Management)</p> <p>'(c) Category 3 (C3) — Management: if in the opinion of the Minister eradication of the declared pest from an area or part of an area for which it is declared is not feasible but that it is necessary to —</p> <p>(i) alleviate the harmful impact of the declared pest in the area; or (ii) reduce the number or distribution of the declared pest in the area; or (iii) prevent or contain the spread of the declared pest in the area.'</p> <p>Pests will be assigned to this category if they are established in Western Australia but it is feasible, or desirable, to manage them in order to limit their damage. Control measures can prevent a C3 pest from increasing in population size or density or moving from an area in which it is established into an area which currently is free of that pest.</p>	<p>In relation to a category 3 declared pest, the owner or occupier of land in an area for which an organism is a declared pest or a person who is conducting an activity on the land must take such of the control measures specified in subregulation (1) as are reasonable and necessary to —</p> <p>(a) alleviate the harmful impact of the declared pest in the area for which it is declared; or (b) reduce the number or distribution of the declared pest in the area for which it is declared; or (c) prevent or contain the spread of the declared pest in the area for which it is declared.</p>

APPENDIX A7: DEFINITION OF VEGETATION CONDITION SCALE (adapted from Trudgen 1988)

Condition Rating	Description
Excellent (1)	Pristine or nearly so, no obvious signs of damage caused by human activities since European settlement.
Very Good (2)	Some relatively slight signs of damage caused by human activities since European settlement. For example, some signs of damage to tree trunks caused by repeated fire, the presence of some relatively non-aggressive weeds, or occasional vehicle tracks.
Good (3)	More obvious signs of damage caused by human activity since European settlement, including some obvious impact on the vegetation structure such as that caused by low levels of grazing or slightly aggressive weeds.
Poor (4)	Still retains basic vegetation structure or ability to regenerate it after very obvious impacts of human activities since European settlement, such as grazing, partial clearing, frequent fires or aggressive weeds.
Very Poor (5)	Severely impacted by grazing, very frequent fires, clearing or a combination of these activities. Scope for some regeneration but not to a state approaching good condition without intensive management. Usually with a number of weed species present including very aggressive species.
Completely Degraded (6)	Areas that are completely or almost completely without native species in the structure of their vegetation; i.e. areas that are cleared or 'parkland cleared' with their flora comprising weed or crop species with isolated native trees or shrubs.

APPENDIX A8: NVIS STRUCTURAL FORMATION TERMINOLOGY (ESCAVI 2003)

Cover Characteristics							
Foliage cover*	70-100	30-70	10-30	<10	≈0	0-5	unknown
Crown cover**	>80	50-80	20-50	0.25-20	<0.25	0-5	unknown
% cover***	>80	50-80	20-50	0.25-20	<0.25	0-5	unknown
Cover code	d	c	i	r	bi	bc	unknown

Growth Form	Height Ranges (m)	Structural Formation Classes						
		closed forest	open forest	woodland	open woodland	isolated trees	isolated clumps of trees	trees
tree, palm	<10, 10-30, >30	closed forest	open forest	woodland	open woodland	isolated trees	isolated clumps of trees	trees
tree mallee	<3, <10, 10-30	closed mallee forest	open mallee forest	mallee woodland	open mallee woodland	isolated mallee trees	isolated clumps of mallee trees	mallee trees
shrub, cycad, grass-tree, tree-fern	<1, 1-2, >2	closed shrubland	shrubland	open shrubland	sparse shrubland	isolated shrubs	isolated clumps of shrubs	shrubs
mallee shrub	<3, <10, 10-30	closed mallee shrubland	mallee shrubland	open mallee shrubland	sparse mallee shrubland	isolated mallee shrubs	isolated clumps of mallee shrubs	mallee shrubs
heath shrub	<1, 1-2, >2	closed heathland	heathland	open heathland	sparse heathland	isolated heath shrubs	isolated clumps of heath shrubs	heath shrubs
chenopod shrub	<1, 1-2, >2	closed chenopod shrubland	chenopod shrubland	open chenopod shrubland	sparse chenopod shrubland	isolated chenopod shrubs	isolated clumps of chenopod shrubs	chenopod shrubs
samphire shrub	<0.5, >0.5	closed samphire shrubland	samphire shrubland	open samphire shrubland	sparse samphire shrubland	isolated samphire shrubs	isolated clumps of samphire shrubs	samphire shrubs
hummock grass	<2, >2	closed hummock grassland	hummock grassland	open hummock grassland	sparse hummock grassland	isolated hummock grasses	isolated clumps of hummock grasses	hummock grasses
tussock grass	<0.5, >0.5	closed tussock grassland	tussock grassland	open tussock grassland	sparse tussock grassland	isolated tussock grassland	isolated clumps of tussock grasses	tussock grasses
other grass	<0.5, >0.5	closed grassland	grassland	open grassland	sparse grassland	isolated grasses	isolated clumps of grasses	other grasses
sedge	<0.5, >0.5	closed sedgeland	sedgeland	open sedgeland	sparse sedgeland	isolated sedges	isolated clumps of sedges	sedges
rush	<0.5, >0.5	closed rushland	rushland	open rushland	sparse rushland	isolated rushes	isolated clumps of rushes	rushes
forb	<0.5, >0.5	closed forbland	forbland	open forbland	sparse forbland	isolated forbs	isolated clumps of forbs	forbs
fern	<1, 1-2, >2	closed fernland	fernland	open fernland	sparse fernland	isolated ferns	isolated clumps of ferns	ferns
bryophyte	<0.5	closed bryophyteland	bryophyteland	open bryophyteland	sparse bryophyteland	isolated bryophytes	isolated clumps of bryophytes	bryophytes
lichen	<0.5	closed lichenland	lichenland	open lichenland	sparse lichenland	isolated lichens	isolated clumps of lichens	lichens
vine	<10, 10-30, >30	closed vineland	vineland	open vineland	sparse vineland	isolated vines	isolated clumps of vines	vines
aquatic	0-0.5, <1	closed aquatic bed	aquatic bed	open aquatic bed	sparse aquatics	isolated aquatics	isolated clumps of aquatics	aquatics
seagrass	0-0.5, <1	closed seagrass bed	seagrass bed	open seagrass bed	sparse seagrasses	isolated seagrasses	isolated clumps of seagrasses	seagrasses

**APPENDIX B: LOCATIONS OF VEGETATION SURVEY QUADRATS ESTABLISHED IN THE EARL GREY,
IRISH BREAKFAST AND PRINCE OF WALES PROSPECTS, OCTOBER/NOVEMBER 2016**

Quadrat	Location (GDA 94, Zone 50)	
	Easting (mE)	Northing (mN)
EG01	759410	6446812
EG02	759922	6446785
EG03	758929	6446760
EG04	758764	6446732
EG05	759433	6446555
EG06	758855	6446449
EG07	758733	6446439
EG08	759742	6446413
EG09	759000	6446352
EG10	759746	6446223
EG11	758942	6446162
EG12	760023	6446143
EG13	760310	6446136
EG14	759930	6446062
EG15	759627	6446047
EG16	759028	6445833
EG17	759653	6445826
EG18	759461	6445823
EG19	759907	6445769
EG20	758866	6445752
EG21	759752	6445636
EG22	759160	6445506
EG23	758813	6445504
EG24	759112	6445150
EG25	758683	6445133
EG26	759074	6445056
IB01	758902	6447880
IB02	760203	6447879
IB03	759992	6447698
IB04	760166	6447657
IB05	758947	6447472
IB06	759820	6447449
IB07	760123	6447448
IB08	760048	6447290
IB09	758957	6447250
PW01	759598	6450854
PW02	759223	6450774
PW03	759186	6450767
PW04	759666	6450714
PW05	759210	6450373
PW06	759670	6450206
PW07	759874	6449800
PW08	759171	6449798

APPENDIX C: VASCULAR PLANT SPECIES RECORDED FROM THE DESKTOP ASSESSEMENT AND WITHIN THE EARL GREY, IRISH BREAKFAST, AND PRINCE OF WALES PROSPECTS, OCTOBER/NOVEMBER 2016

Note - * denotes introduced species; P1 - P5 denotes priority taxon (DPaW 2017g);

EG - Earl Grey prospect; IB - Irish Breakfast prospect; PW - Prince of Wales prospect; VU - Van Uden prospect; Nmap - Naturemap (DPaW 2007-);

BV - Blue Vein Mine (Native Vegetation Solutions 2014); Cher - Cheriton / Texas prospects (Native Vegetation Solutions 2016a); Gib - Gibson (2004a)

Family	Species	EG	IB	PW	VU	Nmap	BV	Cher	Gib
Poaceae	* <i>Vulpia myuros forma megalura</i>					X			
(continued)	* <i>Vulpia myuros forma myuros</i>					X			
Cyperaceae	<i>Lepidosperma amantiferrum</i> (P1)					X			
	<i>Lepidosperma diurnum</i>					X			
	<i>Lepidosperma drummondii</i>							X	
	<i>Lepidosperma fimbriatum</i>					X			
	<i>Lepidosperma sanguinolentum</i>	X	X			X		X	
	<i>Lepidosperma aff. brunonianum</i> (NG & KB 2509)								X
	<i>Lepidosperma</i> sp. Bandalup Scabrid (N. Eveleigh 10798)					X		X	
	<i>Lepidosperma</i> sp.	X	X		X	X			X
	<i>Schoenus nanus</i>	X		X					X
Centrolepidaceae	<i>Centrolepis cephaliformis</i> subsp. <i>cephaloformis</i>								X
	<i>Centrolepis glabra</i>					X			
	<i>Centrolepis polygyna</i>		X						
	<i>Centrolepis strigosa</i> subsp. <i>rupestris</i>	X	X						
Juncaceae	<i>Juncus flavidus</i>								X
Asparagaceae	<i>Arthropodium curvipes</i>					X			
	<i>Chamaexeros fimbriata</i>	X							
	<i>Lomandra</i> sp.								X
	<i>Thysanotus manglesianus</i>					X	X	X	
	<i>Thysanotus patersonii</i>					X			X
	<i>Thysanotus</i> sp. Twining Wheatbelt (N.H. Brittan 81/29)	X	X	X	X				

APPENDIX C: VASCULAR PLANT SPECIES RECORDED FROM THE DESKTOP ASSESSEMENT AND WITHIN THE EARL GREY, IRISH BREAKFAST, AND PRINCE OF WALES PROSPECTS, OCTOBER/NOVEMBER 2016

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Family	Species	EG	IB	PW	VU	Nmap	BV	Cher	Gib
Orchidaceae (continued)	<i>Pterostylis picta</i>			x					
	<i>Pterostylis recurva</i>								x
	<i>Pterostylis roensis</i>					x			
	<i>Pterostylis sanguinea</i>								x
	<i>Pterostylis sargentii</i>					x			x
	<i>Pterostylis</i> sp. inland (A.C. Beauglehole 11880)					x			
	<i>Pterostylis</i> aff. <i>aspera</i>								x
	<i>Pterostylis</i> aff. <i>barbata</i>								x
	<i>Pterostylis</i> aff. <i>nana</i>					x			
	<i>Pterostylis</i> sp.					x			x
	<i>Thelymitra antennifera</i>					x			
	<i>Thelymitra petrophila</i>					x			
	<i>Thelymitra sargentii</i>					x			
<i>Thelymitra</i> aff. <i>macrophylla</i>								x	
Casuarinaceae	<i>Allocasuarina acutivalvis</i>		x			x			x
	<i>Allocasuarina acutivalvis</i> subsp. <i>acutivalvis</i>	x	x	x	x	x	x	x	
	<i>Allocasuarina campestris</i>					x	x	x	x
	<i>Allocasuarina corniculata</i>					x			
	<i>Allocasuarina helmsii</i>					x		x	
	<i>Allocasuarina huegeliana</i>						x		
	<i>Allocasuarina spinosissima</i>	x	x			x			
<i>Allocasuarina thuyoides</i>								x	
Proteaceae	<i>Adenanthos argyreus</i>					x			x
	<i>Banksia audax</i>								x
	<i>Banksia densa</i> var. <i>Wheatbelt</i> (M. Pieroni s.n. PERTH 04083407)					x			
	<i>Banksia elderiana</i>					x			x

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Family	Species	EG	IB	PW	VU	Nmap	BV	Cher	Gib
Proteaceae (continued)	<i>Persoonia angustiflora</i>					X			
	<i>Persoonia coriacea</i>					X	X	X	
	<i>Persoonia cymbifolia</i> (P3)					X			
	<i>Persoonia helix</i>					X	X	X	X
	<i>Persoonia inconspicua</i>					X			
	<i>Persoonia quinquenervis</i>	X	X						
	<i>Persoonia saundersiana</i>	X				X			X
	<i>Persoonia striata</i>								X
	<i>Petrophile circinata</i>								X
	<i>Petrophile divaricata</i>							X	
	<i>Petrophile glauca</i>								X
	<i>Petrophile seminuda</i>						X		
	<i>Petrophile stricta</i>	X	X				X		X
	<i>Synaphea interioris</i>						X		X
Santalaceae	<i>Exocarpos aphyllus</i>	X	X	X		X	X	X	X
	<i>Exocarpos sparteus</i>					X		X	
	<i>Leptomeria preissiana</i>	X	X	X					
	<i>Santalum acuminatum</i>	X	X	X	X	X	X	X	X
	<i>Santalum murrayanum</i>					X			
	<i>Santalum</i> sp.					X			
Polygonaceae	<i>Muehlenbeckia diclina</i> subsp. <i>diclina</i>					X			
Chenopodiaceae	<i>Atriplex stipitata</i>					X			
	<i>Atriplex ?vesicaria</i>				X				
	<i>Chenopodium</i> sp.								X
	<i>Enchylaena tomentosa</i>	X							

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Family	Species	EG	IB	PW	VU	Nmap	BV	Cher	Gib
Chenopodiaceae (continued)	<i>Eriochiton sclerolaenoides</i>					X			
	<i>Maireana carnosae</i>				X				
	<i>Maireana georgei</i>				X	X			
	<i>Maireana marginata</i>					X			
	<i>Maireana tomentosa</i>							X	
	<i>Rhagodia preissii</i> subsp. <i>preissii</i>					X			
	<i>Sclerolaena diacantha</i>				X	X	X		X
	<i>Sclerolaena drummondii</i>				X				
	<i>Sclerolaena patentiscuspis</i>						X		
	<i>Tecticornia syncarpa</i>						X		
	<i>Tecticornia undulata</i>					X			
Amaranthaceae	<i>Ptilotus drummondii</i>					X			
	<i>Ptilotus drummondii</i> var. <i>minor</i>		X						
	<i>Ptilotus gaudichaudii</i>	X							
	<i>Ptilotus holosericeus</i>					X			X
	<i>Ptilotus humilis</i>				X				
Gyrostemonaceae	<i>Codonocarpus cotinifolius</i>					X		X	
	<i>Gyrostemon ditrigynus</i> (P4)					X			
	<i>Gyrostemon racemiger</i>			X		X			
Aizoaceae	<i>Carpobrotus modestus</i>					X			
	<i>Gunniopsis intermedia</i>					X			
	* <i>Mesembryanthemum nodiflorum</i>					X			

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Family	Species	EG	IB	PW	VU	Nmap	BV	Cher	Gib
Portulacaceae	<i>Calandrinia calyptrata</i>					X			
	<i>Calandrinia eremaea</i>					X		X	
	<i>Calandrinia sp</i> (NG & KB 3728)								X
Caryophyllaceae	<i>Stellaria filiformis</i>					X		X	
Lauraceae	<i>Cassytha aurea</i>								X
	<i>Cassytha aurea</i> var. <i>hirta</i>					X			
	<i>Cassytha glabella</i>								X
	<i>Cassytha melantha</i>					X	X	X	X
	<i>Cassytha nodiflora</i>					X	X	X	
	<i>Cassytha racemosa</i>								X
	<i>Cassytha sp.</i>	X	X	X	X				
Brassicaceae	<i>Lepidium oxytrichum</i>					X			
	<i>Lepidium rotundum</i>								X
	<i>Phlegmatospermum drummondii</i>							X	
Droseraceae	<i>Drosera andersoniana</i>					X			
	<i>Drosera browniana</i>					X			X
	<i>Drosera glanduligera</i>					X			X
	<i>Drosera lowriei</i>					X			X
	<i>Drosera macrantha</i>								X
	<i>Drosera macrantha</i> subsp. <i>macrantha</i>					X	X	X	
	<i>Drosera rupicola</i>					X			
	<i>Drosera sp.</i> (climbing)				X				

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Family	Species	EG	IB	PW	VU	Nmap	BV	Cher	Gib
Crassulaceae	<i>Crassula colligata</i> subsp. <i>lamprosperma</i>					X			
	<i>Crassula colorata</i>			X	X				X
	<i>Crassula colorata</i> var. <i>colorata</i>	X							
	<i>Crassula exserta</i>					X			
Pittosporaceae	<i>Bentleya diminuta</i> (P2)					X			X
	<i>Billardiera coriacea</i>								X
Fabaceae	<i>Acacia acanthaster</i>							X	
	<i>Acacia acanthoclada</i> subsp. <i>acanthoclada</i>						X		
	<i>Acacia acuminata</i>	X	X	X		X		X	
	<i>Acacia acutata</i>					X			
	<i>Acacia andrewsii</i>								X
	<i>Acacia asepala</i> (P2)					X			
	<i>Acacia assimilis</i> subsp. <i>assimilis</i>	X		X		X			
	<i>Acacia beauverdiana</i>					X		X	
	<i>Acacia binata</i>					X			X
	<i>Acacia brachyclada</i>					X			X
	<i>Acacia brachyphylla</i> var. <i>brachyphylla</i>					X			X
	<i>Acacia camptoclada</i>	X	X			X	X		
	<i>Acacia castanostegia</i>					X			X
	<i>Acacia colletioides</i>							X	
	<i>Acacia consobrina</i>					X			
	<i>Acacia coolgardiensis</i>					X			
	<i>Acacia deficiens</i>		X	X	X	X		X	X
<i>Acacia densiflora</i>					X				
<i>Acacia enervia</i> subsp. <i>enervia</i>					X				
<i>Acacia ephedroides</i>					X				

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Family	Species	EG	IB	PW	VU	Nmap	BV	Cher	Gib
Fabaceae (continued)	<i>Acacia erinacea</i>				X	X	X	X	X
	<i>Acacia evenulosa</i>		X			X		X	X
	<i>Acacia fragilis</i>							X	
	<i>Acacia hadrophylla</i>					X		X	
	<i>Acacia hemiteles</i>			X	X	X		X	X
	<i>Acacia heterochroa</i> subsp. <i>robertii</i> (P2)								X
	<i>Acacia heteroneura</i>					X			
	<i>Acacia heteroneura</i> var. <i>heteroneura</i>					X			
	<i>Acacia heteroneura</i> var. <i>jutsonii</i>	X	X			X	X		
	<i>Acacia hystrix</i> subsp. <i>hystrix</i>	X	X			X	X		
	<i>Acacia intricata</i>					X			X
	<i>Acacia jennerae</i>					X			
	<i>Acacia lanuginophylla</i> (T)					X			
	<i>Acacia lasiocalyx</i>					X			X
	<i>Acacia longispinea</i>							X	
	<i>Acacia mackeyana</i>			X	X	X		X	
	<i>Acacia merrallii</i>	X				X	X	X	X
	<i>Acacia moirii</i> subsp. <i>recurvistipula</i>								X
	<i>Acacia multispicata</i>						X		
	<i>Acacia mutabilis</i> subsp. <i>mutabilis</i>						X		
	<i>Acacia neurophylla</i> subsp. <i>erugata</i>						X	X	
	<i>Acacia nigripilosa</i> subsp. <i>nigripilosa</i>						X		
	<i>Acacia nivea</i>						X		
<i>Acacia pachypoda</i>						X			
<i>Acacia poliochroa</i>						X		X	
<i>Acacia prainii</i>						X		X	
<i>Acacia quinquenervia</i>						X		X	
<i>Acacia rendlei</i>						X			

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Family	Species	EG	IB	PW	VU	Nmap	BV	Cher	Gib
Fabaceae	<i>Acacia rostellata</i>					X			
(continued)	<i>Acacia sclerophylla</i> var. <i>sclerophylla</i>					X			
	<i>Acacia singula</i> (P3)								X
	<i>Acacia sphacelata</i> subsp. <i>sphacelata</i>		X				X	X	
	<i>Acacia spinosissima</i>					X			
	<i>Acacia steedmanii</i> subsp. <i>steedmanii</i>		X			X		X	
	<i>Acacia sulcata</i> var. <i>platyphylla</i>					X		X	X
	<i>Acacia tetraneura</i> (P1)								X
	<i>Acacia tetraptera</i>	X				X			
	<i>Acacia uncinella</i>								X
	<i>Acacia undosa</i> (P3)	X	X			X		X	
	<i>Acacia unifissilis</i>					X			X
	<i>Acacia verriculum</i>					X			
	<i>Acacia viscifolia</i>					X			
	<i>Acacia yorkrakinensis</i>								X
	<i>Acacia yorkrakinensis</i> subsp. <i>acrita</i>	X	X			X			
	<i>Acacia</i> sp. Lake King (R Hnatiuk 760791)								X
	<i>Bossiaea preissii</i>								X
	<i>Chorizema circinale</i> (P3)					X			
	<i>Cullen discolor</i>					X			
	<i>Daviesia argillacea</i>	X	X	X	X	X			
	<i>Daviesia benthamii</i> subsp. <i>acanthoclona</i>	X				X	X	X	X
	<i>Daviesia euryloba</i>								X
	<i>Daviesia nematophylla</i>								X
	<i>Daviesia newbeyi</i> (P3)					X			
	<i>Daviesia pachyloma</i>					X			
	<i>Daviesia pachyphylla</i>					X			
	<i>Daviesia rubiginosa</i>					X			

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Family	Species	EG	IB	PW	VU	Nmap	BV	Cher	Gib	
Fabaceae (continued)	<i>Daviesia scoparia</i>	x	x		x	x				
	<i>Dillwynia acerosa</i>	x	x		x	x		x		
	<i>Dillwynia divaricata</i>					x				
	<i>Dillwynia uncinata</i>					x			x	
	<i>Erichsenia uncinata</i>					x				
	<i>Eutaxia acanthoclada</i> (P3)					x			x	
	<i>Eutaxia lasiocalyx</i> (P2)	x				x				
	<i>Eutaxia neurocalyx</i>					x				
	<i>Eutaxia parvifolia</i>								x	
	<i>Eutaxia</i> sp. North Ironcap (P. Armstrong PA 06/898)				x		x			
	<i>Gastrolobium crassifolium</i>								x	
	<i>Gastrolobium discolor</i>								x	
	<i>Gastrolobium floribundum</i>	x					x		x	
	<i>Gastrolobium melanocarpum</i>	x	x				x		x	
	<i>Gastrolobium musaceum</i>				x					
	<i>Gastrolobium nutans</i>								x	
	<i>Gastrolobium spinosum</i>	x					x		x	
	<i>Gastrolobium tenue</i> (P1)						x			
	<i>Gastrolobium</i> sp.				x					
	<i>Glycyrrhiza acanthocarpa</i>									x
	<i>Gompholobium gompholobioides</i>						x		x	
	<i>Gompholobium hendersonii</i>	x					x			
	<i>Gompholobium obcordatum</i>						x			
<i>Gompholobium viscidulum</i>									x	
<i>Jacksonia nematoclada</i>	x			x		x		x		
<i>Labichea rossii</i> (P1)						x				
<i>Labichea stellata</i>									x	
<i>Leptosema daviesioides</i>						x				

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Family	Species	EG	IB	PW	VU	Nmap	BV	Cher	Gib
Fabaceae (continued)	<i>Mirbelia densiflora</i> (P3)					X			X
	<i>Mirbelia dilatata</i>								X
	<i>Phyllota luehmannii</i>			X		X			
	<i>Pultenaea arida</i>					X			X
	<i>Pultenaea daena</i> (P3)					X			
	<i>Pultenaea heterochila</i>					X			
	<i>Pultenaea rotundifolia</i>					X			
	<i>Pultenaea vestita</i> (P3)								X
	<i>Senna artemisioides</i>					X			
	<i>Senna artemisioides</i> subsp. <i>filifolia</i>				X	X		X	
	<i>Senna artemisioides</i> subsp. <i>x artemisioides</i>					X	X		
	<i>Senna stowardii</i>					X			
	<i>Swainsona colutooides</i>					X			
	<i>Templetonia aculeata</i>	X				X			
	<i>Templetonia battii</i>					X			X
<i>Templetonia sulcata</i>					X		X	X	
Geraniaceae	<i>Pelargonium havlasae</i>								X
Zygophyllaceae	<i>Zygophyllum glaucum</i>					X			X
	<i>Zygophyllum ovatum</i>								X
Rutaceae	<i>Boronia fabianooides</i> subsp. <i>rosea</i>					X			
	<i>Boronia inornata</i>					X	X		
	<i>Boronia inornata</i> subsp. <i>inornata</i>				X	X		X	X
	<i>Boronia inornata</i> subsp. <i>leptophylla</i>					X			X
	<i>Boronia revoluta</i> (T)								X
	<i>Boronia ternata</i>					X			

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Rutaceae (continued)	<i>Boronia ternata</i> var. <i>austrifolia</i>							X	
	<i>Boronia ternata</i> var. <i>foliosa</i>					X			
	<i>Boronia ternata</i> var. <i>promiscua</i>					X			
	<i>Boronia ternata</i> var. <i>ternata</i>					X		X	
	<i>Drummondita hassellii</i>	X	X			X		X	X
	<i>Microcybe albiflora</i>								X
	<i>Microcybe ambigua</i>	X				X			X
	<i>Microcybe multiflora</i> subsp. <i>multiflora</i>	X				X			
	<i>Microcybe pauciflora</i> subsp. <i>grandis</i> (P1)				X	X			X
	<i>Phebalium brachycalyx</i> (P3)								X
	<i>Phebalium filifolium</i>	X	X			X	X	X	X
	<i>Phebalium lepidotum</i>					X			
	<i>Phebalium megaphyllum</i>	X	X	X		X			
	<i>Phebalium obovatum</i>						X		
	<i>Phebalium tuberculosum</i>	X	X	X	X	X	X	X	X
	<i>Philotheca rhomboidea</i>						X		
<i>Philotheca</i> sp.								X	
Polygalaceae	<i>Comesperma drummondii</i>					X		X	
	<i>Comesperma volubile</i>					X		X	X
Euphorbiaceae	<i>Bertya dimerostigma</i>					X		X	
	<i>Beyeria brevifolia</i>							X	X
	<i>Beyeria minor</i>					X			
	<i>Beyeria ?sulcata</i>	X							
	<i>Beyeria sulcata</i> var. <i>brevipes</i>	X	X			X		X	
	<i>Beyeria sulcata</i> var. <i>gracilis</i>					X			
	<i>Beyeria sulcata</i> var. <i>sulcata</i>					X			

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Celastraceae	<i>Psammomoya choretroides</i>					X			X
	<i>Stackhousia monogyna</i>								X
	<i>Stackhousia muricata</i>					X			
	<i>Stackhousia pubescens</i>					X			
	<i>Tripterococcus brunonis</i>					X			
Sapindaceae	<i>Dodonaea amblyophylla</i>		X						
	<i>Dodonaea bursariifolia</i>	X	X	X		X	X	X	X
	<i>Dodonaea ceratocarpa</i>								X
	<i>Dodonaea glandulosa</i>								X
	<i>Dodonaea microzyga</i> var. <i>acrolobata</i>					X			
	<i>Dodonaea pinifolia</i>								X
	<i>Dodonaea ptarmicaefolia</i>								X
	<i>Dodonaea stenozyga</i>	X	X	X	X	X	X	X	X
	<i>Dodonaea viscosa</i> subsp. <i>angustissima</i>								X
<i>Dodonaea</i> sp.	X								
Rhamnaceae	<i>Cryptandra apetala</i> var. <i>anomala</i>					X			
	<i>Cryptandra distigma</i>	X							
	<i>Cryptandra intonsa</i>								X
	<i>Cryptandra minutifolia</i> subsp. <i>brevistyla</i>	X	X	X		X			
	<i>Cryptandra minutifolia</i> subsp. <i>minutifolia</i>								X
	<i>Cryptandra myriantha</i>					X			X
	<i>Cryptandra nutans</i>					X	X	X	
	<i>Cryptandra recurva</i>					X			
	<i>Cryptandra spyridioides</i>								X
	<i>Cryptandra wilsonii</i>	X				X			X
<i>Cryptandra</i> sp.			X						

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Dilleniaceae (continued)	<i>Hibbertia lepidocalyx</i> subsp. <i>lepidocalyx</i>					X			X
	<i>Hibbertia oligantha</i>					X			
	<i>Hibbertia psilocarpa</i>	X				X		X	
	<i>Hibbertia pungens</i>					X	X		X
	<i>Hibbertia rostellata</i>					X	X		X
	<i>Hibbertia rupicola</i>					X			
	<i>Hibbertia stowardii</i>	X		X		X		X	
	<i>Hibbertia</i> sp. Wheatbelt (J.R. Wheeler 3955)	X							
<i>Hibbertia</i> aff. <i>pungens</i> (NG & KB 2523)								X	
Violaceae	<i>Hybanthus floribundus</i>					X			
	<i>Hybanthus floribundus</i> subsp. <i>floribundus</i>					X		X	
Thymelaeaceae	<i>Pimelea aeruginosa</i>					X			
	<i>Pimelea angustifolia</i>			X				X	X
	<i>Pimelea subvillifera</i>					X			
Myrtaceae	<i>Aluta appressa</i>								X
	<i>Astus subroseus</i>	X	X			X			
	<i>Baeckea elderiana</i>	X		X		X		X	
	<i>Baeckea grandibracteata</i>					X			
	<i>Baeckea</i> sp. Blue Haze Mine (P. Armstrong 06/910) (P1)					X			
	<i>Baeckea</i> sp. Merredin (K.R. Newbey 2506) (P3)					X			X
	<i>Baeckea</i> sp. North Ironcap (R.J. Cranfield 10580) (P1)					X			
	<i>Baeckea</i> sp. Parker Range (M. Hislop & F. Hort MH 2968) (P3)					X			
	<i>Baeckea</i> sp.	X							
	<i>Beaufortia micrantha</i>								X
<i>Beaufortia orbifolia</i>	X					X	X		

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Myrtaceae (continued)	<i>Beaufortia puberula</i>	x							
	<i>Beaufortia schaueri</i>	x				x			x
	<i>Calothamnus gilesii</i>					x			
	<i>Calothamnus quadrifidus</i>								x
	<i>Calothamnus quadrifidus</i> subsp. <i>seminudus</i>					x	x	x	
	<i>Calytrix breviseta</i> subsp. <i>stipulosa</i>								x
	<i>Calytrix merrelliana</i>					x			
	<i>Calytrix sapphirina</i>					x			
	<i>Chamelaucium ciliatum</i>					x	x		x
	<i>Chamelaucium pauciflorum</i> subsp. <i>pauciflorum</i>					x			
	<i>Chamelaucium virgatum</i>					x			
	<i>Cyathostemon ambiguus</i>								x
	<i>Cyathostemon heterantherus</i>					x		x	
	<i>Darwinia</i> sp. Karonie (K. Newbey 8503)	x	x			x		x	
	<i>Darwinia</i> sp. Lake Cobham (K. Newbey 3262)					x		x	
	<i>Eremaea</i> sp.								x
	<i>Ericomyrtus serpyllifolia</i>						x	x	
	<i>Eucalyptus aequioperta</i>						x		
	<i>Eucalyptus alipes</i>						x		x
	<i>Eucalyptus annulata</i>								x
	<i>Eucalyptus brachycorys</i>						x		
	<i>Eucalyptus burracoppinensis</i>	x					x		
	<i>Eucalyptus calycogona</i>						x	x	x
<i>Eucalyptus</i> aff. <i>calycogona</i>								x	
<i>Eucalyptus calycogona</i> subsp. <i>calycogona</i>						x		x	
<i>Eucalyptus capillosa</i> subsp. <i>capillosa</i>						x			
<i>Eucalyptus capillosa</i> subsp. <i>polyclada</i>	x	x		x		x		x	
<i>Eucalyptus celastroides</i> subsp. <i>virella</i>						x		x	

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Family	Species	EG	IB	PW	VU	Nmap	BV	Cher	Gib
Myrtaceae (continued)	<i>Eucalyptus concinna</i>					X			
	<i>Eucalyptus conglobata</i>								X
	<i>Eucalyptus cylindriflora</i>					X	X	X	X
	<i>Eucalyptus cylindrocarpa</i>					X			X
	<i>Eucalyptus densa</i> subsp. <i>densa</i>					X			X
	<i>Eucalyptus distuberosa</i> subsp. <i>distuberosa</i>					X			
	<i>Eucalyptus eremophila</i>	X	X	X	X	X			X
	<i>Eucalyptus eremophila</i> subsp. <i>eremophila</i>						X	X	
	<i>Eucalyptus exigua</i> (P3)					X			X
	<i>Eucalyptus extensa</i>					X			
	<i>Eucalyptus flocktoniae</i>					X			
	<i>Eucalyptus flocktoniae</i> subsp. <i>flocktoniae</i>	X	X	X	X	X			
	<i>Eucalyptus flocktoniae</i> subsp. <i>hebes</i>					X			
	<i>Eucalyptus georgei</i> subsp. <i>fulgida</i> (P4)					X			X
	<i>Eucalyptus gracilis</i>					X			
	<i>Eucalyptus grossa</i>								X
	<i>Eucalyptus horistes</i>					X			
	<i>Eucalyptus incerata</i>					X			
	<i>Eucalyptus incrassata</i>	X	X	X	X				
	<i>Eucalyptus kondininensis</i>								X
	<i>Eucalyptus leptopoda</i> subsp. <i>subluta</i>								X
	<i>Eucalyptus livida</i>	X	X			X	X	X	X
	<i>Eucalyptus longicornis</i>					X			X
<i>Eucalyptus loxophleba</i> subsp. <i>gratiae</i>								X	
<i>Eucalyptus loxophleba</i> subsp. <i>lissophloia</i>					X	X	X	X	
<i>Eucalyptus luteola</i>					X				
<i>Eucalyptus myriadena</i> subsp. <i>myriadena</i>								X	
<i>Eucalyptus myriadena</i> subsp. <i>parviflora</i> (P1)						X			

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Family	Species	EG	IB	PW	VU	Nmap	BV	Cher	Gib
Myrtaceae (continued)	<i>Eucalyptus neutra</i>					X			
	<i>Eucalyptus oleosa</i> subsp. <i>oleosa</i>					X			
	<i>Eucalyptus olivina</i>								X
	<i>Eucalyptus phaenophylla</i> subsp. <i>interjacens</i>								X
	<i>Eucalyptus phaenophylla</i> subsp. <i>phaenophylla</i>								X
	<i>Eucalyptus phenax</i>							X	X
	<i>Eucalyptus pileata</i>					X		X	X
	<i>Eucalyptus platycorys</i>					X	X		
	<i>Eucalyptus polita</i>					X		X	
	<i>Eucalyptus prolixa</i>	X	X	X		X		X	
	<i>Eucalyptus protensa</i>								X
	<i>Eucalyptus quadrans</i>								X
	<i>Eucalyptus ravidia</i>						X		
	<i>Eucalyptus rigidula</i>	X	X	X		X		X	X
	<i>Eucalyptus rugulata</i> (P4)								X
	<i>Eucalyptus salmonophloia</i>					X	X	X	X
	<i>Eucalyptus salubris</i>	X	X			X	X	X	X
	<i>Eucalyptus sporadica</i>							X	X
	<i>Eucalyptus steedmanii</i> (T)						X		
	<i>Eucalyptus subangusta</i> subsp. <i>subangusta</i>						X		
	<i>Eucalyptus tenera</i>						X		X
	<i>Eucalyptus transcontinentalis</i>						X		X
	<i>Eucalyptus urna</i>						X	X	X
	<i>Eucalyptus vittata</i>						X		X
	<i>Eucalyptus yilgarnensis</i>						X		X
<i>Eucalyptus</i> sp.	X	X	X					X	
<i>Euryomyrtus leptospermoides</i>								X	
<i>Euryomyrtus maidenii</i>	X					X		X	

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Family	Species	EG	IB	PW	VU	Nmap	BV	Cher	Gib
Myrtaceae (continued)	<i>Homalocalyx pulcherrimus</i>					X			
	<i>Leptospermum erubescens</i>	X	X			X	X	X	
	<i>Leptospermum fastigiatum</i>	X							X
	<i>Leptospermum nitens</i>								X
	<i>Leptospermum roei</i>					X			
	<i>Leptospermum spinescens</i>								X
	<i>Melaleuca acuminata</i> subsp. <i>acuminata</i>	X	X	X	X	X	X		X
	<i>Melaleuca adnata</i>					X	X	X	X
	<i>Melaleuca agathosmoides</i> (P1)								X
	<i>Melaleuca calyptroides</i>	X	X			X			
	<i>Melaleuca carrii</i>					X			
	<i>Melaleuca cliffortioides</i>	X				X			X
	<i>Melaleuca condylosa</i>					X			
	<i>Melaleuca cordata</i>	X			X	X	X	X	X
	<i>Melaleuca ctenoides</i>	X	X		X				
	<i>Melaleuca cucullata</i>						X	X	X
	<i>Melaleuca depauperata</i>						X		
	<i>Melaleuca eleuterostachya</i>	X	X		X		X	X	X
	<i>Melaleuca elliptica</i>						X	X	X
	<i>Melaleuca halmaturorum</i>	X	X		X	X			
	<i>Melaleuca hamata</i>	X	X		X	X			X
	<i>Melaleuca johnsonii</i>			X	X		X		X
	<i>Melaleuca lanceolata</i>					X	X		X
<i>Melaleuca lateriflora</i>	X	X		X	X	X	X	X	
<i>Melaleuca lateriflora</i> subsp. <i>lateriflora</i>								X	
<i>Melaleuca laxiflora</i>	X	X		X		X	X	X	
<i>Melaleuca marginata</i>								X	
<i>Melaleuca ochroma</i> (P3)						X			

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Family	Species	EG	IB	PW	VU	Nmap	BV	Cher	Gib
Myrtaceae (continued)	<i>Oxymyrrhine plicata</i> (P3)					X			
	<i>Regelia inops</i>					X			
	<i>Rinzia carnos</i>					X			
	<i>Rinzia sessilis</i>	X	X			X	X	X	
	<i>Thryptomene cuspidata</i>					X			
	<i>Thryptomene kochii</i>	X	X	X		X	X	X	X
	<i>Verticordia acerosa</i> var. <i>preissii</i>					X			
	<i>Verticordia chrysantha</i>	X							X
	<i>Verticordia densiflora</i> var. <i>cespitosa</i>					X			
	<i>Verticordia gracilis</i> (P3)					X			
	<i>Verticordia inclusa</i>					X			
	<i>Verticordia mitchelliana</i> subsp. <i>implexior</i>					X			
	<i>Verticordia plumosa</i> var. <i>brachyphylla</i>					X			
	<i>Verticordia plumosa</i> var. <i>incrassata</i>					X			
	<i>Verticordia roei</i> subsp. <i>roei</i>	X							
	<i>Verticordia sieberi</i> var. <i>sieberi</i>					X			
	<i>Verticordia stenopetala</i> (P3)					X			
	<i>Verticordia</i> sp.	X	X						
	Myrtaceae sp. A			X	X				
	Myrtaceae sp. B		X						
Haloragaceae	<i>Glischrocaryon angustifolium</i>					X			
	<i>Glischrocaryon aureum</i>			X					
	<i>Glischrocaryon aureum</i> var. <i>angustifolium</i>								X
	<i>Glischrocaryon flavescens</i>					X			
	<i>Glischrocaryon roei</i>							X	
	<i>Haloragis hamata</i>					X			

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Family	Species	EG	IB	PW	VU	Nmap	BV	Cher	Gib
Haloragaceae (continued)	<i>Haloragodendron glandulosum</i>			x		x			x
	<i>Myriophyllum petraeum</i> (P4)					x			
Araliaceae	<i>Hydrocotyle rugulosa</i>								x
	<i>Trachymene anisocarpa</i> var. <i>anisocarpa</i>					x			
	<i>Trachymene cyanopetala</i>					x			
	<i>Trachymene ornata</i>								x
	<i>Trachymene</i> sp.				x				
Apiaceae	<i>Actinotus humilis</i>					x			
	<i>Chlaenosciadium gardneri</i>					x			
	<i>Daucus glochidiatus</i>					x			x
	<i>Platysace maxwellii</i>					x			x
Ericaceae	<i>Acrotriche lancifolia</i>					x			
	<i>Acrotriche patula</i>								x
	<i>Astroloma serratifolium</i>	x				x	x		x
	<i>Brachyloma stenolobum</i> (P1)					x			
	<i>Coleanthera myrtoides</i>								x
	<i>Conostephium ?preissii</i>	x							
	<i>Dielsiodoxa leucantha</i>								x
	<i>Leucopogon conostephioides</i>								x
	<i>Leucopogon cuneifolius</i>					x			x
	<i>Leucopogon dielsianus</i>								x
	<i>Leucopogon fimbriatus</i>								x
	<i>Leucopogon hamulosus</i>					x			
	<i>Leucopogon</i> sp. Boorabbin (K.R. Newbey 8374)					x			
	<i>Leucopogon</i> sp. Coolgardie (M. Hislop & F. Hort MH 3197)	x					x		

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Family	Species	EG	IB	PW	VU	Nmap	BV	Cher	Gib
Ericaceae (continued)	<i>Leucopogon</i> sp. Forrestania (G.F. Craig 2386)	x				x			x
	<i>Leucopogon</i> sp. Ironcaps (N. Gibson & K. Brown 3070) (P3)								x
	<i>Leucopogon</i> sp. outer wheatbelt (M. Hislop 30)					x		x	
	<i>Leucopogon</i> sp. Wheatbelt (S. Murray 257)					x			x
	<i>Leucopogon</i> sp.	x							
	<i>Lysinema ciliatum</i>								x
	<i>Lysinema pentapetalum</i>					x			
	<i>Styphelia exserta</i>								x
Primulaceae	* <i>Lysimachia arvensis</i>								x
Loganiaceae	<i>Logania perryana</i>								x
	<i>Orianthera exilis</i> (P2)					x			x
	<i>Orianthera flaviflora</i>					x			x
	<i>Orianthera judithiana</i>			x	x	x			x
Gentianaceae	* <i>Centaurium tenuiflorum</i>		x						
Apocynaceae	<i>Alyxia buxifolia</i>					x		x	x
Convolvulaceae	<i>Wilsonia humilis</i>				x	x		x	x
Boraginaceae	<i>Halgania andromedifolia</i>					x			x
	<i>Halgania erecta</i>					x			
	<i>Halgania integerrima</i>					x			x
	<i>Halgania lavandulacea</i>	x				x			x

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Campanulaceae	<i>Isotoma scapigera</i>								X
	<i>Lobelia</i> sp.				X				
	<i>Wahlenbergia gracilentia</i>					X			
	<i>Wahlenbergia</i> sp.					X			
Goodeniaceae	<i>Coopernookia polygalacea</i>					X			
	<i>Coopernookia strophiolata</i>			X		X	X	X	X
	<i>Dampiera angulata</i>								X
	<i>Dampiera angulata</i> subsp. <i>angulata</i>					X			
	<i>Dampiera angulata</i> subsp. <i>Peak Charles</i> (K.R. Newbey 5402)					X			
	<i>Dampiera eriocephala</i>			X				X	
	<i>Dampiera haematotricha</i> subsp. <i>dura</i>								X
	<i>Dampiera obliqua</i>					X			
	<i>Dampiera orchardii</i> (P2)					X			
	<i>Dampiera tomentosa</i>			X					
	<i>Dampiera</i> sp. Forresteria (F. Lullfitz L 4034)					X			
	<i>Dampiera</i> sp.	X							
	<i>Goodenia dyeri</i>					X			
	<i>Goodenia helmsii</i>								X
	<i>Goodenia laevis</i> subsp. <i>humifusa</i>								X
	<i>Goodenia ?occidentalis</i>			X					
	<i>Goodenia pinifolia</i>	X			X		X		X
	<i>Goodenia pusilliflora</i>	X					X		
	<i>Goodenia scapigera</i> subsp. <i>scapigera</i>						X		
	<i>Goodenia viscida</i>						X		X
<i>Lechenaultia brevifolia</i>								X	
<i>Scaevola bursariifolia</i>						X			
<i>Scaevola cuneiformis</i>						X			
<i>Scaevola spinescens</i>					X	X		X	

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Family	Species	EG	IB	PW	VU	Nmap	BV	Cher	Gib
Stylidiaceae	<i>Levenhookia stipitata</i>	x	x						
	<i>Stylidium breviscapum</i>								x
	<i>Stylidium dielsianum</i>					x			
	<i>Stylidium involucreatum</i>					x			
	<i>Stylidium limbatum</i>					x			
	<i>Stylidium sejunctum</i> (P3)					x			x
	<i>Stylidium yilgarnense</i>			x				x	
Asteraceae	<i>Actinobole uliginosum</i>					x			
	<i>Angianthus micropodioides</i> (P3)					x			
	<i>Angianthus tomentosus</i>				x				x
	<i>Asteridea athrixioides</i>					x			x
	<i>Blennospora drummondii</i>		x						x
	<i>Brachyscome perpusilla</i>					x			x
	? <i>Brachyscome</i> sp.				x				
	<i>Calotis hispidula</i>					x			
	<i>Ceratogyne obionoides</i>					x			
	<i>Erymophyllum ramosum</i> subsp. <i>ramosum</i>				x			x	
	<i>Gnephosis drummondii</i>		x						
	<i>Helichrysum leucopsideum</i>					x			
	<i>Hyalosperma demissum</i>					x			x
	<i>Hyalosperma glutinosum</i> subsp. <i>glutinosum</i>					x			
	* <i>Hypochoeris glabra</i>					x			x
	<i>Isoetopsis graminifolia</i>					x			x
	<i>Millotia tenuifolia</i>								x
	<i>Millotia tenuifolia</i> var. <i>tenuifolia</i>					x			
	<i>Olearia adenolasia</i>					x			
	<i>Olearia incana</i>					x			
<i>Olearia muelleri</i>	x	x			x	x	x	x	

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Family	Species	EG	IB	PW	VU	Nmap	BV	Cher	Gib
Asteraceae (continued)	<i>Olearia ramosissima</i>	X				X			X
	<i>Olearia</i> sp. Eremicola (Diels & Pritzel s.n. PERTH 00449628)								X
	<i>Ozothamnus occidentalis</i>					X			
	<i>Podolepis capillaris</i>	X							
	<i>Podolepis lessonii</i>								X
	<i>Rhodanthe laevis</i>					X			X
	<i>Rhodanthe pygmaea</i>					X		X	X
	<i>Senecio glossanthus</i>					X			X
	<i>Senecio hispidulus</i>								X
	<i>Senecio quadridentatus</i>						X		X
	* <i>Ursinia anthemoides</i>						X		
	<i>Waitzia acuminata</i> var. <i>acuminata</i>	X				X	X		X
	Asteraceae sp.				X	X			

APPENDIX D: ASSESSMENT OF THREATENED AND PRIORITY FLORA POTENTIALLY PRESENT IN THE EARL GREY, IRISH BREAKFAST, AND PRINCE OF WALES PROSPECTS

Refer to Appendix A for State (SCC) and Federal (FCC; EPBC Act) conservation code definitions. IBRA Distribution: AW – Avon Wheatbelt; COO – Coolgardie; GES – Geraldton Sandplains ESP – Esperance Plains; MAL – Mallee; MUR – Murchison

Taxon / Common Name	Family	SCC	FCC	Description and Habitat	Potential to Occur in Survey Area
<i>Acacia asepala</i>	Fabaceae	P2	-	Habit: Diffuse, much-branched shrub, 0.5 to 1.5 m high Flowers: yellow Flowering period: August Soils: Red-brown sandy loam. Undulating plains, along drainage lines IBRA Distribution: COO, MAL Florabase records: 17	Medium Preferred soils and associated vegetation potentially present within survey area.
<i>Acacia heterochroa</i> subsp. <i>robertii</i>	Fabaceae	P2	-	Habit: Spindly open or dense spreading shrub to 1.5m Flowers: Yellow Flowering period: July -September Soils: Gravelly lateritic soils , hilltops and ridges IBRA Distribution: MAL Florabase records: 21	Low Preferred soil types not expected within survey area. Majority of known recordings of this species are within the Mallee bioregion
<i>Acacia lanuginophylla</i>	Fabaceae	T	E	Habit: Dense to open, domed, erect or spreading shrub, 0.1 to 1.2 m high, with densely white-woolly braches Flowers: Yellow, 1 flower per leaf axil Flowering period: July - October Soils: Normally grows in slightly saline grey-white sands over clay and gravelly soils in broad drainage channels. IBRA Distribution: COO, MAL Florabase records: 29	Medium Species has been recorded less than 1 km from survey area. Whilst saline sands are not expected within survey area, the survey area does contain scrub of <i>Melaleuca</i> species
<i>Acacia singula</i>	Fabaceae	P3	-	Habit: Shrub to 2m Flowers: Yellow Flowering period: August- October Soils: Gravelly sand over laterite, white or yellow sand IBRA Distribution: MAL Florabase records: 32	Medium Preferred soils and associated vegetation potentially present within survey area, although the majority of records are situated within the Mallee bioregion.

APPENDIX D: ASSESSMENT OF THREATENED AND PRIORITY FLORA POTENTIALLY PRESENT IN THE EARL GREY, IRISH BREAKFAST, AND PRINCE OF WALES PROSPECTS

Refer to Appendix A for State (SCC) and Federal (FCC; EPBC Act) conservation code definitions. IBRA Distribution: AW – Avon Wheatbelt; COO – Coolgardie; GES – Geraldton Sandplains ESP – Esperance Plains; MAL – Mallee; MUR – Murchison

Taxon / Common Name	Family	SCC	FCC	Description and Habitat	Potential to Occur in Survey Area
<i>Acacia undosa</i>	Fabaceae	P3	-	Habit: Dense, domed or obconic shrub, 0.3-1.5 m high Flowers: simple, globular, yellow, 2 flowers per leaf axil Flowering period: July - September Soils: Clayey sand or loam in open shrub mallee IBRA Distribution: AW, COO, MAL Florabase records: 21	High Species has been recorded within 1 km of north-west corner of survey area. Preferred habitat and soils present in survey area
<i>Angianthus micropodioides</i>	Asteraceae	P3	-	Habit: White-woolly, erect or decumbent annual herb to 15 cm high Flowers: white, yellow-white Flowering period: November - February Soils: Saline sandy soils; river edges, saline depressions, clay pans IBRA Distribution: AW, COO, SCP Florabase records: 35	Low Preferred soil types not expected within survey area. Majority of known recordings of this species are within the Avon Wheatbelt
<i>Austrostipa</i> sp. Carlingup Road (S. Kern & R. Jasper LCH 18459)	Poaceae	P1	-	Habit: Grass to approximately 40 cm high Flowers: data not available Flowering period: not known Soils: Potentially clay loam soils in mallee or eucalypt woodland IBRA Distribution: COO, ESP, MAL Florabase records: 12	Low Preferred vegetation and soils occur within survey area, but existing record of this taxon are sparse within the Coolgardie bioregion.
<i>Baeckea</i> sp. Blue Haze Mine (P. Armstrong 06/910)	Myrtaceae	P1	-	Habit: Shrub to 1.2 m Flowers: pink Flowering period: unknown Soils: Yellow – orange lateritic sandy clay loam on undulating plains with open mallee, low to tall shrub heath IBRA Distribution: COO Florabase records: 9	Medium Preferred soils and associated vegetation potentially present within survey area. Species recorded approximately 4 km south of survey area.

APPENDIX D: ASSESSMENT OF THREATENED AND PRIORITY FLORA POTENTIALLY PRESENT IN THE EARL GREY, IRISH BREAKFAST, AND PRINCE OF WALES PROSPECTS

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Taxon / Common Name	Family	SCC	FCC	Description and Habitat	Potential to Occur in Survey Area
<i>Baeckea</i> sp. Merredin (K.R. Newbey 2506)	Myrtaceae	P3	-	Habit: Low, spreading shrub, 0.3 to 1.2 m high, to 0.7 wide Flowers: white/pink Flowering period: August to September Soils: Well-drained gravelly sand, yellow loamy sand, laterite. Sandplains, slightly undulating sites, near creeks, on exposed small rises IBRA Distribution: AW, COO, MAL Florabase records: 18	Medium Preferred soils and associated vegetation potentially present within survey area.
<i>Baeckea</i> sp. North Ironcap (R.J. Cranfield 10580)	Myrtaceae	P1	-	Habit: Erect, open shrub, to 0.4 m high Flowers: white/pink Flowering period: October Soils: Gently undulating sandplains IBRA Distribution: COO Florabase records:	Medium Preferred soils and associated vegetation potentially present within survey area.
<i>Baeckea</i> sp. Parker Range (M. Hislop & F. Hort MH 2968)	Myrtaceae	P3	-	Habit: Straggly, erect shrub, to 1.5 m high Flowers: pink Flowering period: June Soils: Yellow to orange sandy loam with laterite gravel. Gently undulating sandplains, low ridges, road verges IBRA Distribution: AW, COO, MUR Florabase records: 8	Low Preferred soils and associated vegetation not expected to be present within survey area.
<i>Banksia sphaerocarpa</i> var. <i>dolichostyla</i>	Proteaceae	T	V	Habit: Lignotuberous shrub, 1 to 3 m high Flowers: yellow-orange Flowering period: March - May Soils: Lateritic gravel; low open woodland and low shrubland IBRA Distribution: AW, COO, MAL Florabase records: 39	Medium Species has been recorded in low shrubland on lateritic soils on a hill located less than 500 m from survey area. However, the survey area, is not known to contain the preferred lateritic soils.

APPENDIX D: ASSESSMENT OF THREATENED AND PRIORITY FLORA POTENTIALLY PRESENT IN THE EARL GREY, IRISH BREAKFAST, AND PRINCE OF WALES PROSPECTS

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Taxon / Common Name	Family	SCC	FCC	Description and Habitat	Potential to Occur in Survey Area
<i>Banksia viscida</i>	Myrtaceae	P3	-	Habit: Densely branched, non-lignotuberous shrub, 0.4 to 1 m high Flowers: yellow-orange Flowering period: July to October Soils: Gravelly soils, lateritic rises IBRA Distribution: COO, MAL Florabase records: 27	Low Preferred soils and associated vegetation not expected to be present within survey area.
<i>Bentleya diminuta</i>	Pittosporaceae	P2	-	Habit: Rosetted rhizomatous, perennial, herb or shrub, 0.02-0.05 m high, growing in small colonies Flowers: white/yellow-green Flowering period: September to November Soils: Sandy clay or loam with calcareous nodules IBRA Distribution: COO, MAL Florabase records: 11	Low Preferred soils and associated vegetation not expected to be present within survey area.
<i>Boronia revoluta</i>	Rutaceae	T	E	Habit: Shrub to 0.8m high Flowers: Pink Flowering period: July- August Soils: Stony sandy loam or sand IBRA Distribution: MAL Florabase records: 21	Low Preferred soils and associated vegetation not expected to be present within survey area.
<i>Brachyloma stenolobum</i>	Ericaceae	P1	-	Habit: Erect shrub to 1.5 m high Flowers: white Flowering period: unknown Soils: Bare yellow sandy loam flats IBRA Distribution: COO Florabase records: 3	Low Preferred soils not expected within survey area.

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Taxon / Common Name	Family	SCC	FCC	Description and Habitat	Potential to Occur in Survey Area
<i>Calamphoreus inflatus</i>	Scrophulariaceae	P4	-	Habit: Erect, spreading shrub to 1.6 m high Flowers: blue-purple Flowering period: October – December or February - March Soils: Clay-loam soils with ironstone gravel; flats and disturbed sites IBRA Distribution: COO, MAL Florabase records: 25	Low Habitat type not expected within survey area. Nearest recorded specimen is 11 km to the south-west of the survey area
<i>Chorizema circinale</i>	Fabaceae	P3	-	Habit: Prostrate, scrambling, wiry shrub to 0.4 m high Flowers: yellow, orange and red Flowering period: September to December Soils: Yellow sandy soils, sandy clay with gravel; on flats; usually associated with heath vegetation IBRA Distribution: COO, ESP, MAL Florabase records: 14	Low Preferred soil type and vegetation not expected to occur within survey area.
<i>Conospermum sigmoideum</i>	Proteaceae	P2	-	Habit: Erect shrub, 0.2 – 0.5 m high Flowers: blue Flowering period: August - September Soils: Yellow sand IBRA Distribution: COO, MAL Florabase records: 12	Low preferred soil type not expected to occur within survey area
<i>Dampiera orchardii</i>	Goodeniaceae	P2	-	Habit: Erect perennial herb, 0.2 – 0.4 m high Flowers: information not available Flowering period: information not available Soils: sand IBRA Distribution: COO, MAL Florabase records: 9	Low Preferred soil type may occur within survey area.

APPENDIX D: ASSESSMENT OF THREATENED AND PRIORITY FLORA POTENTIALLY PRESENT IN THE EARL GREY, IRISH BREAKFAST, AND PRINCE OF WALES PROSPECTS

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Taxon / Common Name	Family	SCC	FCC	Description and Habitat	Potential to Occur in Survey Area
<i>Daviesia newbeyi</i>	Fabaceae	P3	-	Habit: Bushy, multi-stemmed, broom-like shrub, to 1.5 m high Flowers: orange, yellow and red Flowering period: August to October Soils: Sand or sandy clay over granite; rocky slopes IBRA Distribution: COO, MAL, ESP Florabase records: 15	Low Preferred soil / rock type not expected to occur within survey area. A record of this taxon is located approximately 1.5 km to the east of the survey area.
<i>Dicrastylis capitellata</i>	Lamiaceae	P1	-	Habit: Low spreading shrub, 0.2 – 0.25 m high Flowers: blue-purple Flowering period: May Soils: Loamy sand, sandy loam, with open mallee woodlands IBRA Distribution: COO, MAL Florabase records: 8	Medium Preferred soils and habitat occur within survey area. A record of this taxon is located approximately 13 km south-west of the survey area.
<i>Eremophila biserrata</i>	Scrophulariaceae	P4	-	Habit: Prostrate shrub to 3 m wide Flowers: green, yellow-green Flowering period: September to November, or March Soils: Sandy or sandy clay soils; alluvial flats, salt flats and lakes IBRA Distribution: COO, MAL Florabase records: 20	Low Preferred soil and habitat type not expected to occur within survey area. A record of this taxon is located approximately 11 km to the south of the survey area.
<i>Eremophila racemosa</i>	Scrophulariaceae	P4	-	Habit: Erect shrub, 0.5 – 1.7 m high Flowers: purple-pink-red/white Flowering period: March or August - December Soils: Sandy or stony loam, clay loam; undulating plains IBRA Distribution: AW, COO, MAL Florabase records: 34	Low Survey area not expected to be composed of undulating plains

APPENDIX D: ASSESSMENT OF THREATENED AND PRIORITY FLORA POTENTIALLY PRESENT IN THE EARL GREY, IRISH BREAKFAST, AND PRINCE OF WALES PROSPECTS

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Taxon / Common Name	Family	SCC	FCC	Description and Habitat	Potential to Occur in Survey Area
<i>Eucalyptus exigua</i>	Myrtaceae	P3	-	Habit: Smooth-barked mallee, 2 – 5 m high, forming a lignotuber Flowers: white-cream Flowering period: March Soils: Sandy loam, white sand; sandplains IBRA Distribution: AW, COO, MAL Florabase records: 35	Low Survey area not expected to consist of sandplains. A record of this taxon is located approximately 11 km to the north-west of the survey area.
<i>Eucalyptus georgei</i> subsp. <i>fulgida</i>	Myrtaceae	P4	-	Habit: Smooth-barked tree, 4 – 20 m high Flowers: cream-white Flowering period: insufficient information Soils: Sandy loam, clayey sand; slight depressions IBRA Distribution: COO, MAL Florabase records: 20	Low Whilst preferred soil type is expected within survey area, current records of this taxon are situated to the west of the survey area.
<i>Eucalyptus myriadena</i> subsp. <i>parviflora</i>	Myrtaceae	P1	-	Habit: Tree or (mallee), to 12 m high, with smooth bark, decorated in strips, grey-olive oversilvery grey to pale tan-cream Flowers: Yellow-cream Flowering period: November Soils: Orange laterite gravel. Summits and gentle upland slopes IBRA Distribution: MAL Florabase records: 17	Low Preferred soil & habitat combination not expected within survey area. The majority of records of this taxon are situated nearer Hyden, near the Forrestania cross-roads
<i>Eucalyptus rugulata</i>	Myrtaceae	P4	-	Habit: Tree or (mallet), 3 - 10 m high, with rough bark Flowers: insufficient information Flowering period: insufficient information Soils: Clay, loam swamps, near salt lakes IBRA Distribution: AW, COO, MAL Florabase records: 12	Low Preferred soil & habitat combination not expected within survey area.

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Taxon / Common Name	Family	SCC	FCC	Description and Habitat	Potential to Occur in Survey Area
<i>Eucalyptus steedmanii</i>	Myrtaceae	T	V	Habit: Smooth-barked tree, 2 – 8 (12) m high Flowers: white Flowering period: January to March Soils: Gravelly loam over ironstone, sand; low hills, undulating plains IBRA Distribution: COO, ESP, MAL Florabase records: 41	Medium Preferred soils and landforms likely within survey area. A record of this taxon exists approximately 15 km to the south-west of the survey area.
<i>Eutaxia acanthoclada</i>	Fabaceae	P3	-	Habit: Compact, mat-forming, prostrate shrub, to 0.3 m high Flowers: yellow/orange/red Flowering period: October to November Soils: Light brown sandy clay, shallow sandy loam, red clay over banded ironstone, gravel. Gently undulating plains IBRA Distribution: COO, ESP, MAL Florabase records: 18	Medium Preferred soils and associated vegetation potentially present within survey area.
<i>Eutaxia lasiocalyx</i>	Fabaceae	P2	-	Habit: Low, spreading, multi-stemmed shrub, to 0.15 m high Flowers: yellow Flowering period: November Soils: Red sandy loam, laterite and quartz gravel; gentle lower slopes IBRA Distribution: COO Florabase records: 5	Medium Preferred soil / habitat potentially present within survey area. A record of this taxon is located 2 km to the north-east of the survey area.
<i>Gastrolobium tenue</i>	Fabaceae	P1	-	Habit: Low, bushy shrub, to 0.6 m high Flowers: orange/red/purple Flowering period: September to October Soils: Yellow sand or sandy clay. Undulating dunes, stony outcrops IBRA Distribution: AW, COO Florabase records: 20	Low Preferred soil and habitat type not expected to occur within survey area. The majority of the records of this taxon are in the Avon Wheatbelt bioregion, 200 km to the west.

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Taxon / Common Name	Family	SCC	FCC	Description and Habitat	Potential to Occur in Survey Area
<i>Grevillea insignis</i> subsp. <i>elliottii</i>	Proteaceae	P3	-	Habit: Erect, bushy, non-lignotuberous shrub to 2m Flowers: Red/pink, cream, white Flowering period: October Soils: Gravelly sand or loam over ironstone. Hilltops or rises IBRA Distribution: AW, COO, MAL Florabase records: 22	Low Preferred soil & habitat combination not expected within survey area.
<i>Grevillea lissopleura</i>	Proteaceae	P1	-	Habit: Erect shrub, 0.5 to 1.2 m high Flowers: (white) Flowering period: August Soils: Stony loam on banded ironstone; on ridges IBRA Distribution: COO Florabase records: 7	Low Preferred soil & habitat combination not expected within survey area.
<i>Grevillea lullfitzii</i>	Proteaceae	P1	-	Habit: Shrub to 1.5m high Flowers: White Flowering period: December Soils: Lateritic soils and shallow soils on granite IBRA Distribution: MAL Florabase records: 24	Low Preferred soil & habitat combination not expected within survey area.
<i>Grevillea marriottii</i>	Proteaceae	P1	-	Habit: Open, multi-stemmed, lignotuberous shrub, 0.8-1.2 m high Flowers: green/cream/white Flowering period: August to October Soils: Yellow or white sand over laterite. On rises or on tops of lateritic cappings IBRA Distribution: COO Florabase records: 7	Low Preferred soil & habitat combination not expected within survey area.

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Taxon / Common Name	Family	SCC	FCC	Description and Habitat	Potential to Occur in Survey Area
<i>Grevillea neodissecta</i>	Proteaceae	P4	-	Habit: Low, rounded, prickly shrub, 0.3-1 m high Flowers: red-pink Flowering period: February or October Soils: Sand over laterite, clay loam IBRA Distribution: COO Florabase records: 5	Low Preferred soil & habitat combination not expected within survey area.
<i>Grevillea pilosa subsp. redacta</i>	Proteaceae	P3	-	Habit: Spreading to prostrate, non-lignotuberous shrub, 0.4-1.2 m high Flowers: red Flowering period: February, October or December Soils: Sand, laterite IBRA Distribution: COO, MAL Florabase records: 17	Low Preferred soil & habitat combination not expected within survey area.
<i>Gyrostemon ditrigynus</i>	Gyrostemonaceae	P4	-	Habit: Shrub, 0.4-1.5 m high Flowers: cream/green Flowering period: unconfirmed Soils: Sand, sandy clay, loam. Plains, low ironstone ridges IBRA Distribution: COO, MAL Florabase records: 29	Low Preferred soil & habitat combination not expected within survey area. However, this species commonly appears after fires. Consequently there is a higher potential for this species to be present in the Prince of Wales prospect
<i>Hakea pendens</i>	Proteaceae	P3	-	Habit: Shrub, 2-3 m high, 2.5-3.1 m wide Flowers: pink-white Flowering period: September Soils: Stony loam. ironstone ridges IBRA Distribution: AW, COO Florabase records: 23	Low Preferred soil & habitat combination not expected within survey area.

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Taxon / Common Name	Family	SCC	FCC	Description and Habitat	Potential to Occur in Survey Area
<i>Hemigenia</i> sp. Newdegate (E. Bishop 75)	Lamiaceae	P1	-	Habit: Spindly, erect to spreading shrub to 0.45m Flowers: Blue- purple Flowering period: September-October Soils: Clay loam and disturbed sites IBRA Distribution: AW, COO Florabase records: 25	Medium Preferred soil / habitat potentially present within survey area.
<i>Hibbertia axillibarba</i>	Dilleniaceae	P1	-	Habit: Shrub to 0.7m Flowers: Yellow Flowering period: September-October Soils: Lateritic soil and ranges IBRA Distribution: MAL, COO Florabase records: 25	Low Preferred soil & habitat combination not expected within survey area.
<i>Labichea rossii</i>	Fabaceae	P1	-	Habit: Subshrub to 50 cm (unconfirmed) Flowers: unknown Flowering period: unknown Soils: Hillslopes with BIF (unconfirmed) IBRA Distribution: COO Florabase records: 2	Low Insufficient data on species.
<i>Lepidosperma amantiferrum</i>	Cyperaceae	P1	-	Habit: Tufted rhizomatous, herb (sedge), leaves 0.15-0.42 m high, culms and leaves distichous Flowers: unknown Flowering period: unknown Soils: Yellow sandy loam with banded ironstone gravel and rocks. Gentle lower slopes IBRA Distribution: MAL Florabase records: 8	Low Preferred soil & habitat combination not expected within survey area.

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Taxon / Common Name	Family	SCC	FCC	Description and Habitat	Potential to Occur in Survey Area
<i>Leucopogon</i> sp. Ironcaps (N. Gibson & K. Brown 3070)	Ericaceae	P3	-	Habit: Slender open shrub to 1m high and 0.6m wide Flowers: White Flowering period: August Soils: Skeletal sand, yellow sandy loam, rocky loam , gravel, laterite and ironstone. Gentle lower slopes, flat uplands, hilltops. IBRA Distribution: AW, MAL Florabase records: 20	Medium Preferred soil / habitat potentially present within survey area.
<i>Melaleuca ochroma</i>	Myrtaceae	P3	-	Habit: Shrub to 2 m (unconfirmed) Flowers: mauve-pink Flowering period: October-November (unconfirmed) Soils: Sandy clay, loam (unconfirmed) IBRA Distribution: COO, MAL Florabase records: 2	Low Insufficient data on species.
<i>Microcorys</i> sp. Forrestania (V. English 2004)	Lamiaceae	P4	-	Habit: Prostrate or erect shrub, 0.35-0.4 m high. Flowers: white/purple Flowering period: January or April Soils: Yellow sandy clay or red-brown clay. Open woodland or cleared areas IBRA Distribution: COO, MAL Florabase records: 37	Medium Preferred soil / habitat potentially present within survey area. A record of this taxon is located 7 km to the south of the Earl Grey prospect and 7 km east of the Van Uden prospect.
<i>Myriophyllum petraeum</i>	Haloragaceae	P4	-	Habit: Aquatic annual, herb, stems 0.15-0.3 m long Flowers: white Flowering period: August to December Soils: Strictly confined to ephemeral rock pools on granite outcrops IBRA Distribution: AW, COO, ESP, MAL Florabase records: 53	Low Preferred soil & habitat combination not expected within survey area.

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Taxon / Common Name	Family	SCC	FCC	Description and Habitat	Potential to Occur in Survey Area
<i>Orianthera exilis</i>	Loganiaceae	P2	-	Habit: Leafless shrub Flowers: white Flowering period: unknown Soils: unconfirmed IBRA Distribution: COO, MAL Florabase records: 8	Low Insufficient data on species.
<i>Oxymyrrhine plicata</i>	Myrtaceae	P3	-	Habit: Shrub to 50 cm (unconfirmed) Flowers: white/green (unconfirmed) Flowering period: unknown Soils: unconfirmed IBRA Distribution: COO, ESP, MAL Florabase records: 12	Low Preferred soil & habitat combination may be within survey area, however current data available not confirmed.
<i>Persoonia cymbifolia</i>	Proteaceae	P3	-	Habit: Erect, spreading shrub, 0.2-0.6(-1) m high Flowers: yellow Flowering period: December or January Soils: Sandy soils. On flats or in rock crevices IBRA Distribution: COO, ESP, MAL Florabase records: 30	Medium Preferred soil & habitat combination may be within survey area. A record of this taxon is situated 2 km south of the Van Uden prospect and 12.5 km south-west of the Earl grey prospect.
<i>Phebalium brachycalyx</i>	Rutaceae	P3	-	Habit: Shrub to 1.5m Flowers: Yellow/ cream/ white Flowering period: August- September Soils: Gravelly soils. Lateritic uplands and hills IBRA Distribution: COO, ESP, MAL Florabase records: 21	Medium Preferred soil & habitat combination may be within survey area.

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Taxon / Common Name	Family	SCC	FCC	Description and Habitat	Potential to Occur in Survey Area
<i>Pultenaea daena</i>	Fabaceae	P3	-	<p>Habit: Dense, prostrate, domed shrub, to 0.07 m high</p> <p>Flowers: yellow</p> <p>Flowering period: March</p> <p>Soils: White to yellow sand or sandy loam, sandy or loamy clay, gravel, limestone, dolomite, laterite. Gently undulating plains, adjacent to salt lakes, in disturbed areas</p> <p>IBRA Distribution: COO, MAL</p> <p>Florabase records: 18</p>	<p>Medium</p> <p>Preferred soil & habitat combination potentially present within survey area.</p>
<i>Seringia adenogyna</i>	Malvaceae	P3	-	<p>Habit: Shrub to 50 cm (unconfirmed)</p> <p>Flowers: mauve-purple</p> <p>Flowering period: unknown</p> <p>Soils: Unconfirmed but likely to be sand or loam over laterite-ironstone base</p> <p>IBRA Distribution: COO, ESP, MAL</p> <p>Florabase records: 26</p>	<p>Medium</p> <p>Preferred soil & habitat combination potentially present within survey area.</p> <p>Records (5) of this taxon are situated within 4.5 km south-west of the earl Grey prospect , and 5km east of the Van Uden prospect</p>
<i>Stenanthemum bremerense</i>	Rhamnaceae	P4	-	<p>Habit: Erect or low and spreading shrub, (0.2-)0.3-0.6(-1.4) m high</p> <p>Flowers: white</p> <p>Flowering period: unknown</p> <p>Soils: Orange-brown sandy loam, orange-red gravelly loam, skeletal red loam, laterite, ironstone. Top or sides of outcrops and breakaways</p> <p>IBRA Distribution: COO</p> <p>Florabase records: 27</p>	<p>Medium</p> <p>Preferred soil & habitat combination potentially present within survey area.</p> <p>A record of this taxon is situated 6.5 km south-east of the Van Uden prospect and 13 km south west of the earl Grey prospect.</p>

APPENDIX D: ASSESSMENT OF THREATENED AND PRIORITY FLORA POTENTIALLY PRESENT IN THE EARL GREY, IRISH BREAKFAST, AND PRINCE OF WALES PROSPECTS

Refer to Appendix A for State (SCC) and Federal (FCC; EPBC Act) conservation code definitions. IBRA Distribution: AW – Avon Wheatbelt; COO – Coolgardie; GES – Geraldton Sandplains ESP – Esperance Plains; MAL – Mallee; MUR – Murchison

Taxon / Common Name	Family	SCC	FCC	Description and Habitat	Potential to Occur in Survey Area
<i>Stenanthemum liberum</i>	Rhamnaceae	P1	-	Habit: Dwarf shrub to 0.5m Flowers: unknown Flowering period: unknown Soils: Yellow sandy loam over laterite IBRA Distribution: COO, MAL Florabase records: 6	Low Preferred soil & habitat combination may be within survey area, however current data available not confirmed.
<i>Stylidium sejunctum</i>	Stylidiaceae	P3	-	Habit: Caespitose perennial, herb, 0.25-0.45 m high. Leaves tufted, linear to narrowly oblanceolate, 10-30 cm long, 0.8-4 mm wide, apex acute to mucronate, margin involute, glabrous to scabrous. Membraneous scale leaves present at base of mature leaves. Scape glandular throughout Flowers: white/pink-purple Flowering period: September to November Soils: Clayey sand or loam, laterite. Outcrops, upper slopes, breakaways. Mallee and Allocasuarina shrubland. IBRA Distribution: COO, MAL Florabase records: 33	Medium Preferred soil & habitat combination potentially present within survey area. A record of this taxon is situated 7 km east of the Van Uden prospect and 8 km south of the Earl Grey prospect.
<i>Thomasia gardneri</i>	Malvaceae	X	Ex	Habit: Erect, multi stemmed, woody perennial, to 0.5 m high Flowers: pink Flowering period: September Soils: Insufficient information IBRA Distribution: COO Florabase records: 7	Unlikely Species is presumed to be extinct. Most recent recording is from 1996 (DPaW 2016g). Records of this species are from Mt Holland.

APPENDIX D: ASSESSMENT OF THREATENED AND PRIORITY FLORA POTENTIALLY PRESENT IN THE EARL GREY, IRISH BREAKFAST, AND PRINCE OF WALES PROSPECTS

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Taxon / Common Name	Family	SCC	FCC	Description and Habitat	Potential to Occur in Survey Area
<i>Verticordia gracilis</i>	Myrtaceae	P3	-	Habit: Low, slender shrub, 0.15-0.6 m high Flowers: pink Flowering period: October to November Soils: Yellow sand, gravelly sand, sandy loam IBRA Distribution: AW, COO, MAL Florabase records: 13	Medium Preferred soil & habitat combination potentially present within survey area. A record of this taxon is situated 8 km north of the Van Uden prospect and 7 km west of the Earl Grey, Irish Breakfast and prince of Wales prospects.
<i>Verticordia stenopetala</i>	Myrtaceae	P3	-	Habit: Shrub, 0.2-0.6(-1.3) m high Flowers: pink/pink-purple-red Flowering period: October to December or January Soils: Yellow sand, sometimes with gravel. Undulating plains IBRA Distribution: AW, COO, MAL Florabase records: 21	Medium Preferred soil & habitat combination potentially present within survey area.

APPENDIX E: SUMMARY OF VASCULAR PLANT SPECIES RECORDED IN EACH SURVEY QUADRAT IN THE EARL GREY, IRISH BREAKFAST AND PRINCE OF WALES PROSPECTS IN OCTOBER & NOVEMBER 2016

Notes: * denotes introduced species; P1 - P5 denotes priority taxon (DPaW 2017g); EG - Earl Grey prospect; IB - Irish Breakfast prospect;
PW - Prince of Wales prospect; Oppo - denotes species recorded opportunistically.

Species	Survey Quadrat																					
	EG01	EG02	EG03	EG04	EG05	EG06	EG07	EG08	EG09	EG10	EG11	EG12	EG13	EG14	EG15	EG16	EG17	EG18	EG19	EG20	EG21	EG22
<i>Gastrolobium musaceum</i>																						
<i>Gastrolobium spinosum</i>		x	x																			
<i>Gastrolobium</i> sp.																						
<i>Glischrocaryon aureum</i>																						
<i>Gnephosis drummondii</i>																						
<i>Gompholobium hendersonii</i>													x									
<i>Goodenia ?occidentalis</i>																						
<i>Goodenia pinifolia</i>													x									
<i>Goodenia pusilliflora</i>																						
<i>Grevillea acuaria</i>					x	x			x	x				x		x		x	x	x	x	
<i>Grevillea didymobotrya</i> subsp. <i>didymobotrya</i>	x	x	x	x		x		x						x								
<i>Grevillea huegelii</i>						x		x	x	x				x								
<i>Grevillea</i> sp.	x		x								x				x		x					x
<i>Gyrostemon racemiger</i>																						
<i>Hakea erecta</i>		x	x	x		x	x	x														
<i>Hakea invaginata</i>						x	x			x												
<i>Hakea meisneriana</i>			x	x																		
<i>Hakea ?minyma</i>	x	x					x	x									x			x		x
<i>Hakea ?newbeyana</i>																						
<i>Hakea pendens</i> (P3)																				x		
<i>Hakea subsulcata</i>													x				x			x		x

APPENDIX E: SUMMARY OF VASCULAR PLANT SPECIES RECORDED IN EACH SURVEY QUADRAT IN THE EARL GREY, IRISH BREAKFAST AND PRINCE OF WALES PROSPECTS IN OCTOBER & NOVEMBER 2016

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<i>Halgania lavandulacea</i>			x	x		x																
<i>Haloragodendron glandulosum</i>																						
<i>Hemigenia westringioides</i>																						
<i>Hibbertia exasperata</i>										x							x					x
<i>Hibbertia gracilipes</i>		x																				
<i>Hibbertia psilocarpa</i>	x		x			x									x				x			
<i>Hibbertia</i> sp. Wheatbelt (J.R. Wheeler 3955)		x																				
<i>Hibbertia stowardii</i>			x	x		x		x														
<i>Isopogon gardneri</i>													x									
<i>Isopogon scabriusculus</i> subsp. <i>stenophyllus</i>	x	x	x	x		x	x															
<i>Jacksonia nematoclada</i>	x	x	x	x				x														
<i>Lepidosperma sanguinolentum</i>	x	x																				
<i>Lepidosperma</i> sp.			x	x						x												
<i>Leptomeria preissiana</i>			x				x															
<i>Leptospermum erubescens</i>		x															x					
<i>Leptospermum fastigiatum</i>		x						x														
<i>Leucopogon</i> sp. Coolgardie (M. Hislop & F. Hort MH 3197)	x	x																				
<i>Leucopogon</i> sp. Forrestania (G.F. Craig 2386)				x				x														
<i>Leucopogon</i> sp.			x			x																
<i>Levenhookia stipitata</i>																						
<i>Melaleuca acuminata</i> subsp. <i>acuminata</i>						x			x	x	x			x	x	x		x	x		x	

APPENDIX E: SUMMARY OF VASCULAR PLANT SPECIES RECORDED IN EACH SURVEY QUADRAT IN THE EARL GREY, IRISH BREAKFAST AND PRINCE OF WALES PROSPECTS IN OCTOBER & NOVEMBER 2016

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<i>Melaleuca calyptroides</i>	x	x	x					x				x		x					x			x
<i>Melaleuca cliffortioides</i>																					x	
<i>Melaleuca cordata</i>				x			x						x							x		
<i>Melaleuca ctenoides</i>								x														
<i>Melaleuca eleuterostachya</i>		x			x	x				x		x			x			x	x			
<i>Melaleuca halmaturorum</i>						x			x		x				x	x		x				
<i>Melaleuca hamata</i>	x	x	x	x	x	x				x			x	x	x		x		x		x	x
<i>Melaleuca johnsonii</i>																						
<i>Melaleuca lateriflora</i>		x			x	x		x		x	x	x		x	x	x		x	x			x
<i>Melaleuca laxiflora</i>	x	x	x	x	x	x	x	x	x	x		x		x	x		x		x	x	x	x
<i>Melaleuca pauperiflora</i>																						
<i>Melaleuca pauperiflora</i> subsp. <i>fastigiata</i>									x	x				x		x		x	x			
<i>Melaleuca</i> ? <i>pentagona</i>																					x	
<i>Melaleuca</i> sp.																		x	x			x
<i>Melaleuca</i> sp. 1 (burnt)																						
<i>Melaleuca</i> sp. 2 (burnt)																						
<i>Melaleuca</i> sp. 3 (burnt)																						
<i>Melaleuca spicigera</i>	x	x	x		x	x		x	x	x									x			x
<i>Microcorys obovata</i>		x				x		x	x	x												
<i>Microcorys</i> sp. (aff. <i>macredieana</i>)			x				x								x							x
<i>Microcybe ambigua</i>	x		x	x		x	x			x				x		x		x				x

APPENDIX E: SUMMARY OF VASCULAR PLANT SPECIES RECORDED IN EACH SURVEY QUADRAT IN THE EARL GREY, IRISH BREAKFAST AND PRINCE OF WALES PROSPECTS IN OCTOBER & NOVEMBER 2016

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	EG01	EG02	EG03	EG04	EG05	EG06	EG07	EG08	EG09	EG10	EG11	EG12	EG13	EG14	EG15	EG16	EG17	EG18	EG19	EG20	EG21	EG22
<i>Microcybe multiflora</i> subsp. <i>multiflora</i>					x						x			x								
Myrtaceae sp. A																						
Myrtaceae sp. B								x														
<i>Neurachne alopecuroidea</i>																						
<i>Olearia muelleri</i>										x					x	x	x	x				
<i>Olearia ramosissima</i>					x										x							
<i>Orianthera ?judithiana</i>																						
<i>Persoonia quinquenervis</i>	x	x	x			x	x	x														
<i>Persoonia saundersiana</i>						x	x													x		x
<i>Petrophile stricta</i>			x			x		x														
<i>Phebalium filifolium</i>		x	x				x		x	x					x							
<i>Phebalium megaphyllum</i>					x	x	x			x		x					x			x		x
<i>Phebalium tuberosum</i>						x																
<i>Phyllota luehmannii</i>																						
<i>Pimelea angustifolia</i>																						
<i>Pityrodia loricata</i>																						
<i>Podolepis capillaris</i>																						
<i>Pterostylis picta</i>																						
<i>Ptilotus drummondii</i> var. <i>minor</i>																						
<i>Ptilotus gaudichaudii</i>																						
<i>Rinzia sessilis</i>															x		x					

APPENDIX E: SUMMARY OF VASCULAR PLANT SPECIES RECORDED IN EACH SURVEY QUADRAT IN THE EARL GREY, IRISH BREAKFAST AND PRINCE OF WALES PROSPECTS IN OCTOBER & NOVEMBER 2016

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Species	Survey Quadrat																						
	EG23	EG24	EG25	EG26	IB01	IB02	IB03	IB04	IB05	IB06	IB07	IB08	IB09	PW01	PW02	PW03	PW04	PW05	PW06	PW07	PW08	Oppo	
<i>Acacia acuminata</i>	x	x							x	x			x		x	x							
<i>Acacia assimilis</i> subsp. <i>assimilis</i>			x											x									
<i>Acacia camptoclada</i>							x																
<i>Acacia deficiens</i>					x	x			x						x			x	x	x	x	x	x
<i>Acacia evenulosa</i>							x			x	x	x											
<i>Acacia hemiteles</i>																	x		x				
<i>Acacia heteroneura</i> var. <i>jutsonii</i>											x												
<i>Acacia hystrix</i> subsp. <i>hystrix</i>										x		x											
<i>Acacia mackeyana</i>					x	x	x					x			x		x	x			x		
<i>Acacia merrallii</i>																							
<i>Acacia sphacelata</i> subsp. <i>sphacelata</i>						x																	
<i>Acacia steedmanii</i> subsp. <i>steedmanii</i>																							x
<i>Acacia tetraptera</i>				x																			
<i>Acacia undosa</i> (P3)								x					x										
<i>Acacia yorkrakinensis</i> subsp. <i>acrita</i>												x											
<i>Allocasuarina</i> ? <i>acutivalvis</i>													x										
<i>Allocasuarina acutivalvis</i> subsp. <i>acutivalvis</i>	x	x	x		x	x			x	x	x	x	x	x	x	x	x	x			x		
<i>Allocasuarina spinosissima</i>	x	x	x							x			x										
<i>Alyogyne hakeifolia</i>																							x
<i>Amphipogon caricinus</i> var. <i>caricinus</i>								x															
Asteraceae sp.																	x						

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Species	Survey Quadrat																						
	EG23	EG24	EG25	EG26	IB01	IB02	IB03	IB04	IB05	IB06	IB07	IB08	IB09	PW01	PW02	PW03	PW04	PW05	PW06	PW07	PW08	Oppo	
<i>Chamaexeros fimbriata</i>																							
<i>Conostephium ?preissii</i>																							
<i>Coopernookia strophiolata</i>																			x	x			x
<i>Crassula colorata</i>																		x					
<i>Crassula colorata</i> var. <i>colorata</i>																							
<i>Cryptandra distigma</i>																							
<i>Cryptandra minutifolia</i> subsp. <i>brevistyla</i>												x	x				x	x					x
<i>Cryptandra</i> sp.																						x	
<i>Cryptandra wilsonii</i>																							
<i>Cyanostegia lanceolata</i>															x								x
<i>Dampiera eriocephala</i>															x								x
<i>Dampiera tomentosa</i>																							x
<i>Dampiera</i> sp.																							
<i>Darwinia</i> sp. Karonie (K. Newbey 8503)								x															
<i>Daviesia argillacea</i>				x		x				x	x	x							x		x	x	
<i>Daviesia benthamii</i> subsp. <i>acanthoclona</i>				x																			
<i>Daviesia scoparia</i>						x	x		x														
<i>Dianella revoluta</i>								x	x	x	x		x									x	
<i>Dillwynia acerosa</i>						x							x										
<i>Dodonaea amblyophylla</i>						x																	
<i>Dodonaea bursariifolia</i>					x										x		x	x		x	x	x	x

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Species	Survey Quadrat																						
	EG23	EG24	EG25	EG26	IB01	IB02	IB03	IB04	IB05	IB06	IB07	IB08	IB09	PW01	PW02	PW03	PW04	PW05	PW06	PW07	PW08	Oppo	
<i>Gastrolobium musaceum</i>																							x
<i>Gastrolobium spinosum</i>																							
<i>Gastrolobium</i> sp.															x								
<i>Glischrocaryon aureum</i>														x						x			
<i>Gnephosis drummondii</i>								x															
<i>Gompholobium hendersonii</i>								x															
<i>Goodenia ?occidentalis</i>								x															
<i>Goodenia pinifolia</i>														x									x
<i>Goodenia pusilliflora</i>																							x
<i>Grevillea acuaria</i>					x					x	x	x			x		x	x					
<i>Grevillea didymobotrya</i> subsp. <i>didymobotrya</i>	x		x											x		x							
<i>Grevillea huegelii</i>			x						x			x											x
<i>Grevillea</i> sp.							x		x														x
<i>Gyrostemon racemiger</i>																							x
<i>Hakea erecta</i>	x		x										x										
<i>Hakea invaginata</i>	x											x	x										
<i>Hakea meisneriana</i>	x																						
<i>Hakea ?minyma</i>		x	x										x										
<i>Hakea ?newbeyana</i>					x																		
<i>Hakea pendens</i> (P3)																							
<i>Hakea subsulcata</i>			x			x				x					x	x							

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<i>Halgania lavandulacea</i>																							
<i>Haloragodendron glandulosum</i>																				X			X
<i>Hemigenia westringioides</i>														X									
<i>Hibbertia exasperata</i>			X			X				X	X		X										
<i>Hibbertia gracilipes</i>																							
<i>Hibbertia psilocarpa</i>																							
<i>Hibbertia</i> sp. Wheatbelt (J.R. Wheeler 3955)																							
<i>Hibbertia stowardii</i>	X																X						
<i>Isopogon gardneri</i>																							
<i>Isopogon scabriusculus</i> subsp. <i>stenophyllus</i>	X		X														X						
<i>Jacksonia nematoclada</i>			X																				X
<i>Lepidosperma sanguinolentum</i>																							
<i>Lepidosperma</i> sp.										X													
<i>Leptomeria preissiana</i>					X								X			X							
<i>Leptospermum erubescens</i>								X															
<i>Leptospermum fastigiatum</i>																							
<i>Leucopogon</i> sp. Coolgardie (M. Hislop & F. Hort MH 3197)																							
<i>Leucopogon</i> sp. Forrestania (G.F. Craig 2386)																							
<i>Leucopogon</i> sp.																							
<i>Levenhookia stipitata</i>								X															X
<i>Melaleuca acuminata</i> subsp. <i>acuminata</i>				X	X					X	X	X					X	X	X			X	

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	EG23	EG24	EG25	EG26	IB01	IB02	IB03	IB04	IB05	IB06	IB07	IB08	IB09	PW01	PW02	PW03	PW04	PW05	PW06	PW07	PW08	Oppo	
<i>Santalum acuminatum</i>	x	x	x	x	x	x			x	x	x	x	x	x	x			x					
<i>Schoenus nanus</i>																	x						x
<i>Stenanthemum stipulosum</i>						x												x					x
<i>Stylidium yilgarnense</i>																							x
<i>Templetonia aculeata</i>																							x
<i>Thomasia</i> sp. Salmon Gums (C.A. Gardner s.n. PERTH 02708639)						x		x										x					x
<i>Thryptomene kochii</i>	x	x	x							x		x	x			x							
<i>Thysanotus</i> sp. Twining Wheatbelt (N.H. Brittan 81/29)							x	x				x							x				
<i>Trymalium elachophyllum</i>																							
<i>Verticordia chrysantha</i>				x																			
<i>Verticordia roei</i> subsp. <i>roei</i>																							x
<i>Verticordia</i> sp.	x	x	x			x																	
<i>Waitzia acuminata</i> var. <i>acuminata</i>																							
<i>Westringia cephalantha</i> var. <i>caterva</i>															x								
<i>Westringia cephalantha</i> var. <i>cephalantha</i>						x											x	x					
? <i>Westringia</i> sp.																					x		

APPENDIX F: LOCATIONS OF THREATENED AND PRIORITY FLORA RECORDED WITHIN THE EARL GREY, IRISH BREAKFAST AND PRINCE OF WALES PROSPECTS

Refer to Appendix A for State (SCC) and Federal (FCC; EPBC Act) conservation code definitions.

Taxon	Family	SCC	FCC	Quadrat	Prospect	Location (GDA94, zone 50)		Population
						Easting (mE)	Northing (mN)	
<i>Banksia sphaerocarpa</i> var. <i>dolichostyla</i>	Proteaceae	T	V	EG13	Earl Grey	760310	6446136	1
<i>Eutaxia lasiocalyx</i>	Fabaceae	P2	-	EG21	Earl Grey	759752	6445636	1
<i>Acacia undosa</i>	Fabaceae	P3	-	IB09	Irish Breakfast	758957	6447250	1
<i>Acacia undosa</i>	Fabaceae	P3	-	EG15	Earl Grey	759627	6446047	1
<i>Acacia undosa</i>	Fabaceae	P3	-	IB04	Irish Breakfast	760166	6447657	1
<i>Hakea pendens</i>	Proteaceae	P3	-	EG20	Earl Grey	758866	6445752	1
<i>Calamphoreus inflatus</i>	Scrophulariaceae	P4	-	PW07	Prince of Wales	759874	6449800	1
<i>Calamphoreus inflatus</i>	Scrophulariaceae	P4	-	opportunistic	Prince of Wales	759598	6450854	1
<i>Calamphoreus inflatus</i>	Scrophulariaceae	P4	-	PW06	Prince of Wales	759670	6450206	1

APPENDIX G

DPaW THREATENED & PRIORITY FLORA REPORT FORMS



Threatened and Priority Flora Report Form

Please complete as much of the form as possible.

For information on how to complete the form please refer to the Threatened & Priority Flora Report Form (TPRF) manual on the DPaW website at <http://www.dpaw.wa.gov.au/>

TAXON: <u>Banksia sphaerocarpa var. dolichostyla</u>		TPFL Pop. No.: _____	
OBSERVATION DATE: <u>8/11/16</u>		CONSERVATION STATUS: <u>T</u> New population <input type="checkbox"/>	
OBSERVER/S: <u>David Angus, Sacha Ruoss</u>		PHONE: <u>08 9257 1625</u>	
ROLE: <u>Botanist</u>		ORGANISATION: <u>Mattiske Consulting Pty Ltd</u>	

DESCRIPTION OF LOCATION (Provide at least nearest town/named locality, and the distance and direction to that place):

370km East of Perth, 100km SSE of Southern Cross

Reserve No.: _____

DISTRICT: <u>Yilgarn</u>		LGA: <u>Shire of Yilgarn</u>		Land manager present: <input type="checkbox"/>	
DATUM:		COORDINATES: (If UTM coords provided, Zone is also required)		METHOD USED:	
GDA94 / MGA94 <input checked="" type="checkbox"/>		DecDegrees <input type="checkbox"/>		GPS <input checked="" type="checkbox"/>	
AGD84 / AMG84 <input type="checkbox"/>		UTMs <input checked="" type="checkbox"/>		Differential GPS <input type="checkbox"/>	
WGS84 <input type="checkbox"/>		DegMinSec <input type="checkbox"/>		Map <input type="checkbox"/>	
Unknown <input type="checkbox"/>		Lat / Northing: <u>6446136</u>		No. satellites: _____	
		Long / Easting: <u>760310</u>		Map used: _____	
		Zone: <u>50H</u>		Boundary polygon captured: <input type="checkbox"/>	
				Map scale: _____	

LAND TENURE:

Nature reserve <input type="checkbox"/>	Timber reserve <input type="checkbox"/>	Private property <input type="checkbox"/>	Rail reserve <input type="checkbox"/>	Shire road reserve <input type="checkbox"/>
National park <input type="checkbox"/>	State forest <input type="checkbox"/>	Pastoral lease <input type="checkbox"/>	MRWA road reserve <input type="checkbox"/>	Other Crown reserve <input type="checkbox"/>
Conservation park <input type="checkbox"/>	Water reserve <input type="checkbox"/>	UCL <input type="checkbox"/>	SLK/Pole _____ to _____	Specify other: <u>mining lease</u>

AREA ASSESSMENT: Edge survey Partial survey Full survey Area observed (m²): _____

EFFORT: Time spent surveying (minutes): _____ No. of minutes spent / 100 m²: _____

POP'N COUNT ACCURACY: Actual Extrapolation Estimate

Count method: (Refer to field manual for list) _____

WHAT COUNTED: Plants Clumps Clonal stems

TOTAL POP'N STRUCTURE:	Mature:	Juveniles:	Seedlings:	Totals:	Area of pop (m ²): _____ Note: Pls record count as numbers (not percentages) for database.
Alive	1			1	
Dead					

QUADRATS PRESENT: No. _____ Size _____ Data attached Total area of quadrats (m²): _____

Summary Quad. Totals: Alive				
------------------------------------	--	--	--	--

REPRODUCTIVE STATE: Clonal Vegetative Flower bud Flower
Immature fruit Fruit Dehisced fruit Percentage in flower: _____%

CONDITION OF PLANTS: Healthy Moderate Poor Senescent

COMMENT: _____

THREATS - type, agent and supporting information: E.g. clearing, too frequent fire, weed, disease. Refer to field manual for list of threats & agents. Specify agent where relevant. Rate current and potential threat impact: N=Nil, L=Low, M=Medium, H=High, E=Extreme Estimate time to potential impact: S=Short (<12mths), M=Medium (<5yrs), L=Long (5yrs+)	Current impact (N-E)	Potential Impact (L-E)	Potential Threat Onset (S-L)
	<u>L</u>	<u>H</u>	<u>M</u>
	• clearing for mining operations		

Please return completed form to **Species And Communities Branch DPaW**,
Locked Bag 104, BENTLEY DELIVERY CENTRE WA 6983

RECORDS: Please forward to **Flora Administrative Officer**, Species and Communities Branch.

Record entered by: _____ Sheet No.: _____ Record Accepted in Database



Threatened and Priority Flora Report Form

•	_____	_____	_____
•	_____	_____	_____

HABITAT INFORMATION: (Check more than one box for combinations or where necessary)

LANDFORM:	ROCK TYPE:	LOOSE ROCK:	SOIL TYPE:	SOIL COLOUR:	DRAINAGE:
Crest <input type="checkbox"/> Hill <input type="checkbox"/> Ridge <input type="checkbox"/> Outcrop <input type="checkbox"/> Slope <input type="checkbox"/> Flat <input checked="" type="checkbox"/> Open depression <input type="checkbox"/> Drainage line <input type="checkbox"/> Closed depression <input type="checkbox"/> Wetland <input type="checkbox"/>	Granite <input type="checkbox"/> Dolerite <input type="checkbox"/> Laterite <input type="checkbox"/> Ironstone <input type="checkbox"/> Limestone <input type="checkbox"/> Quartz <input type="checkbox"/> Specify other: _____	<small>(on soil surface; e.g. gravel, quartz fields)</small> 0-10% <input type="checkbox"/> 10-30% <input type="checkbox"/> 30-50% <input type="checkbox"/> 50-100% <input type="checkbox"/>	Sand <input type="checkbox"/> Sandy loam <input type="checkbox"/> Loam <input type="checkbox"/> Clay loam <input checked="" type="checkbox"/> Light clay <input checked="" type="checkbox"/> Peat <input type="checkbox"/> Specify other: _____	Red <input type="checkbox"/> Brown <input checked="" type="checkbox"/> Yellow <input checked="" type="checkbox"/> White <input type="checkbox"/> Grey <input type="checkbox"/> Black <input type="checkbox"/> Specify other: _____	Well drained <input type="checkbox"/> Seasonally inundated <input type="checkbox"/> Permanently inundated <input type="checkbox"/> Tidal <input type="checkbox"/> Specify other: _____

Specific Landform Element: (Refer to field manual for additional values)

CONDITION OF SOIL:

Dry Moist Waterlogged Inundated Cracked Saline Other: _____

VEGETATION CLASSIFICATION:*

E.g. 1. Banksia woodland (B. attenuata, B. ilicifolia);
 2. Open shrubland (Hibbertia sp., Acacia spp.)
 3. Isolated clumps of sedges (Mesomelaena tetragona)

1. Open woodland of Eucalyptus burracoppinensis, Allocasuarina acutivalvis subsp. acutivalvis
2. Shrubland of Banksia purdieana and mixed Myrtaceous spp.
3. _____
4. _____

ASSOCIATED SPECIES:

Other (non-dominant) spp

Allocasuarina spinosissima, Melaleuca cordata, Beaufortia schaueri, Beaufortia orbifolia,
 Hakea subsulcata, Thryptomene kochii

* Please record up to four of the most representative vegetation layers (with up to three dominant species in each layer). Structural Formations should follow 2009 *Australian Soil and Land Survey Field Handbook* guidelines – refer to field manual for further information and structural formation table.

CONDITION OF HABITAT: Pristine Excellent Very good Good Degraded Completely degraded

COMMENT:

FIRE HISTORY: Last Fire: Season/Month: _____ Year: _____ Fire Intensity: High Medium Low No signs of fire

FENCING: Not required Present Replace / repair Required Length req'd: _____

ROADSIDE MARKERS: Not required Present Replace / reposition Required Quantity req'd: _____

OTHER COMMENTS: (Please include recommended management actions and/or implemented actions - include date. Also include details of additional data available, and how to locate it.)

Please return completed form to **Species And Communities Branch** DPaW,
 Locked Bag 104, BENTLEY DELIVERY CENTRE WA 6983

RECORDS: Please forward to **Flora Administrative Officer**, Species and Communities Branch.

Record entered by: _____ Sheet No.: _____ Record Accepted in Database



Threatened and Priority Flora Report Form

Please complete as much of the form as possible.

For information on how to complete the form please refer to the Threatened & Priority Flora Report Form (TPRF) manual on the DPaW website at <http://www.dpaw.wa.gov.au/>

TAXON: <u>Eutaxia lasiocalyx</u>	TPFL Pop. No.: _____
OBSERVATION DATE: <u>9-10/11/16</u>	CONSERVATION STATUS: <u>P2</u> New population <input type="checkbox"/>
OBSERVER/S: <u>David Angus, Sacha Ruoss</u>	PHONE: <u>08 9257 1625</u>
ROLE: <u>Botanist</u>	ORGANISATION: <u>Mattiske Consulting Pty Ltd</u>

DESCRIPTION OF LOCATION (Provide at least nearest town/named locality, and the distance and direction to that place):
370km East of Perth, 100km SSE of Southern Cross

Reserve No.: _____

DISTRICT: <u>Yilgarn</u>	LGA: <u>Shire of Yilgarn</u>	Land manager present: <input type="checkbox"/>
DATUM:	COORDINATES: (If UTM coords provided, Zone is also required)	METHOD USED:
GDA94 / MGA94 <input checked="" type="checkbox"/>	DecDegrees <input type="checkbox"/> DegMinSec <input type="checkbox"/> UTM's <input checked="" type="checkbox"/>	GPS <input checked="" type="checkbox"/> Differential GPS <input type="checkbox"/> Map <input type="checkbox"/>
AGD84 / AMG84 <input type="checkbox"/>	Lat / Northing: <u>See attached</u>	No. satellites: _____ Map used: _____
WGS84 <input type="checkbox"/>	Long / Easting: <u>See attached</u>	Boundary polygon captured: <input type="checkbox"/> Map scale: _____
Unknown <input type="checkbox"/>	Zone: <u>50H</u>	

LAND TENURE:

Nature reserve <input type="checkbox"/>	Timber reserve <input type="checkbox"/>	Private property <input type="checkbox"/>	Rail reserve <input type="checkbox"/>	Shire road reserve <input type="checkbox"/>
National park <input type="checkbox"/>	State forest <input type="checkbox"/>	Pastoral lease <input type="checkbox"/>	MRWA road reserve <input type="checkbox"/>	Other Crown reserve <input type="checkbox"/>
Conservation park <input type="checkbox"/>	Water reserve <input type="checkbox"/>	UCL <input type="checkbox"/>	SLK/Pole _____ to _____	Specify other: <u>mining lease</u>

AREA ASSESSMENT: Edge survey Partial survey Full survey Area observed (m²): _____

EFFORT: Time spent surveying (minutes): _____ No. of minutes spent / 100 m²: _____

POP'N COUNT ACCURACY: Actual Extrapolation Estimate

Count method: (Refer to field manual for list) _____

WHAT COUNTED: Plants Clumps Clonal stems

TOTAL POP'N STRUCTURE:	Mature:	Juveniles:	Seedlings:	Totals:	Area of pop (m ²): _____ <small>Note: Pls record count as numbers (not percentages) for database.</small>
Alive	<u>See Attached</u>			<u>See Attached</u>	
Dead					

QUADRATS PRESENT: No. _____ Size _____ Data attached Total area of quadrats (m²): _____

Summary Quad. Totals: Alive

--	--	--	--	--

REPRODUCTIVE STATE: Clonal Vegetative Flowerbud Flower
 Immature fruit Fruit Dehisced fruit Percentage in flower: _____%

CONDITION OF PLANTS: Healthy Moderate Poor Senescent

COMMENT:

THREATS - type, agent and supporting information: <small>E.g. clearing, too frequent fire, weed, disease. Refer to field manual for list of threats & agents. Specify agent where relevant. Rate current and potential threat impact: N=Nil, L=Low, M=Medium, H=High, E=Extreme Estimate time to potential impact: S=Short (<12mths), M=Medium (<5yrs), L=Long (5yrs+)</small>	Current impact (N-E)	Potential Impact (L-E)	Potential Threat Onset (S-L)
• clearing for mining operations	<u>L</u>	<u>H</u>	<u>M</u>
•	_____	_____	_____
•	_____	_____	_____

Please return completed form to **Species And Communities Branch DPaW**,
 Locked Bag 104, BENTLEY DELIVERY CENTRE WA 6983

RECORDS: Please forward to **Flora Administrative Officer**, Species and Communities Branch.



Threatened and Priority Flora Report Form

HABITAT INFORMATION: (Check more than one box for combinations or where necessary)					
LANDFORM: Crest <input type="checkbox"/> Hill <input type="checkbox"/> Ridge <input type="checkbox"/> Outcrop <input type="checkbox"/> Slope <input checked="" type="checkbox"/> Flat <input checked="" type="checkbox"/> Open depression <input type="checkbox"/> Drainage line <input type="checkbox"/> Closed depression <input type="checkbox"/> Wetland <input type="checkbox"/>	ROCK TYPE: Granite <input type="checkbox"/> Dolerite <input type="checkbox"/> Laterite <input type="checkbox"/> Ironstone <input type="checkbox"/> Limestone <input type="checkbox"/> Quartz <input type="checkbox"/> Specify other: _____	LOOSE ROCK: <small>(on soil surface; e.g. gravel, quartz fields)</small> 0-10% <input type="checkbox"/> 10-30% <input type="checkbox"/> 30-50% <input type="checkbox"/> 50-100% <input type="checkbox"/>	SOIL TYPE: Sand <input type="checkbox"/> Sandy loam <input type="checkbox"/> Loam <input type="checkbox"/> Clay loam <input checked="" type="checkbox"/> Light clay <input checked="" type="checkbox"/> Peat <input type="checkbox"/> Specify other: _____	SOIL COLOUR: Red <input checked="" type="checkbox"/> Brown <input checked="" type="checkbox"/> Yellow <input type="checkbox"/> White <input type="checkbox"/> Grey <input type="checkbox"/> Black <input type="checkbox"/> Specify other: orange	DRAINAGE: Well drained <input type="checkbox"/> Seasonally inundated <input type="checkbox"/> Permanently inundated <input type="checkbox"/> Tidal <input type="checkbox"/> Specify other: _____
Specific Landform Element: (Refer to field manual for additional values)					
CONDITION OF SOIL: Dry <input type="checkbox"/> Moist <input type="checkbox"/> Waterlogged <input type="checkbox"/> Inundated <input type="checkbox"/> Cracked <input type="checkbox"/> Saline <input type="checkbox"/> Other: _____					
VEGETATION CLASSIFICATION:* <small>E.g. 1. Banksia woodland (B. attenuata, B. ilicifolia); 2. Open shrubland (Hibbertia sp., Acacia spp.) 3. Isolated clumps of sedges (Mesomelaena tetragona)</small>	1. Open Eucalyptus woodland 2. Mixed/Melaleuca shrubland 3. 4.				
ASSOCIATED SPECIES: <small>Other (non-dominant) spp</small>	Melaleuca acuminata subsp. acuminata, Melaleuca pauperiflora subsp. fastigiata, Eucalyptus flocktoniae subsp. flocktoniae, Eucalyptus incrassata, Dodonaea stenozyga, Eucalyptus salmonophloia, Eucalyptus eremophila, Eucalyptus prolixa, Melaleuca halmaturorum, Melaleuca cliffortioides, Melaleuca hamata				
<small>* Please record up to four of the most representative vegetation layers (with up to three dominant species in each layer). Structural Formations should follow 2009 Australian Soil and Land Survey Field Handbook guidelines – refer to field manual for further information and structural formation table.</small>					
CONDITION OF HABITAT: Pristine <input checked="" type="checkbox"/> Excellent <input checked="" type="checkbox"/> Very good <input type="checkbox"/> Good <input type="checkbox"/> Degraded <input type="checkbox"/> Completely degraded <input type="checkbox"/>					
COMMENT:					
FIRE HISTORY: Last Fire: Season/Month: _____ Year: _____ Fire Intensity: High <input type="checkbox"/> Medium <input type="checkbox"/> Low <input type="checkbox"/> No signs of fire <input type="checkbox"/>					
FENCING: Not required <input type="checkbox"/> Present <input type="checkbox"/> Replace / repair <input type="checkbox"/> Required <input type="checkbox"/> Length req'd: _____					
ROADSIDE MARKERS: Not required <input type="checkbox"/> Present <input type="checkbox"/> Replace / reposition <input type="checkbox"/> Required <input type="checkbox"/> Quantity req'd: _____					
OTHER COMMENTS: (Please include recommended management actions and/or implemented actions - include date. Also include details of additional data available, and how to locate it.)					

Please return completed form to **Species And Communities Branch DPaW**,
 Locked Bag 104, BENTLEY DELIVERY CENTRE WA 6983

RECORDS: Please forward to **Flora Administrative Officer**, Species and Communities Branch.



Threatened and Priority Flora Report Form

DRF PERMIT/ LICENCE No: SL011706 (D. Angus), SL012018 (S. Ruoss)

Note if only observing plants (i.e. no specimens or plant material is taken) then no permit/licence is required. For further information on permit and licencing requirements see the Threatened Flora and Wildlife Licensing pages on DPaW's website. Any actions carried out under licence/permit should be recorded above in the OTHER COMMENTS section.

SPECIMEN:	Collectors No: DA2651, SBR060	WA Herb. <input type="checkbox"/>	Regional Herb. <input type="checkbox"/>	District Herb. <input type="checkbox"/>	Other:
ATTACHED:	Map <input type="checkbox"/>	Mudmap <input type="checkbox"/>	Photo <input type="checkbox"/>	GIS data <input type="checkbox"/>	Field notes <input type="checkbox"/>
COPY SENT TO:	Regional Office <input type="checkbox"/>	District Office <input type="checkbox"/>	Other:		
					Location and numbers

Submitter of record: _____	Role: _____
Signature: _____	Date submitted: / /

Please return completed form to **Species And Communities Branch DPaW**,
Locked Bag 104, BENTLEY DELIVERY CENTRE WA 6983

RECORDS: Please forward to **Flora Administrative Officer**, Species and Communities Branch.

Threatened and Priority Flora report Form – Attachment – *Eutaxia lasiocalyx* (P2)

Species	Quadrat Reference	Location (GDA94, Zone 50)		Number of Plants
		Easting (mE)	Northing (mN)	
<i>Eutaxia lasiocalyx</i> (P2)	EG21	759752	6445636	1



Threatened and Priority Flora Report Form

Please complete as much of the form as possible.

For information on how to complete the form please refer to the Threatened & Priority Flora Report Form (TPRF) manual on the DPaW website at <http://www.dpaw.wa.gov.au/>

TAXON: <u>Acacia undosa</u>		TPFL Pop. No.: _____	
OBSERVATION DATE: <u>26-27/10 & 8/11/16</u>		CONSERVATION STATUS: <u>P3</u> New population <input type="checkbox"/>	
OBSERVER/S: <u>David Angus, Adrian Barrett</u>		PHONE: <u>08 9257 1625</u>	
ROLE: <u>Botanist</u>		ORGANISATION: <u>Mattiske Consulting Pty Ltd</u>	

DESCRIPTION OF LOCATION (Provide at least nearest town/named locality, and the distance and direction to that place):
370km East of Perth, 100km SSE of Southern Cross

Reserve No.: _____

DISTRICT: <u>Yilgarn</u>	LGA: <u>Shire of Yilgarn</u>	Land manager present: <input type="checkbox"/>
DATUM:		
COORDINATES: (If UTM coords provided, Zone is also required)		
GDA94 / MGA94 <input checked="" type="checkbox"/>	DecDegrees <input type="checkbox"/>	DegMinSec <input type="checkbox"/>
AGD84 / AMG84 <input type="checkbox"/>	Lat / Northing: <u>See attached</u>	UTMs <input checked="" type="checkbox"/>
WGS84 <input type="checkbox"/>	Long / Easting: <u>See attached</u>	GPS <input checked="" type="checkbox"/>
Unknown <input type="checkbox"/>	Zone: <u>50H</u>	Differential GPS <input type="checkbox"/>
		Map <input type="checkbox"/>
		No. satellites: _____
		Map used: _____
		Boundary polygon captured: <input type="checkbox"/>
		Map scale: _____

LAND TENURE:

Nature reserve <input type="checkbox"/>	Timber reserve <input type="checkbox"/>	Private property <input type="checkbox"/>	Rail reserve <input type="checkbox"/>	Shire road reserve <input type="checkbox"/>
National park <input type="checkbox"/>	State forest <input type="checkbox"/>	Pastoral lease <input type="checkbox"/>	MRWA road reserve <input type="checkbox"/>	Other Crown reserve <input type="checkbox"/>
Conservation park <input type="checkbox"/>	Water reserve <input type="checkbox"/>	UCL <input type="checkbox"/>	SLK/Pole _____ to _____	Specify other: <u>mining lease</u>

AREA ASSESSMENT: Edge survey Partial survey Full survey Area observed (m²): _____

EFFORT: Time spent surveying (minutes): _____ No. of minutes spent / 100 m²: _____

POP'N COUNT ACCURACY: Actual Extrapolation Estimate

Count method: (Refer to field manual for list) _____

WHAT COUNTED: Plants Clumps Clonal stems

TOTAL POP'N STRUCTURE:	Mature:	Juveniles:	Seedlings:	Totals:	Area of pop (m ²): _____
	Alive	<u>See Attached</u>		<u>See Attached</u>	
Dead					Note: Pls record count as numbers (not percentages) for database.

QUADRATS PRESENT: No. _____ Size _____ Data attached Total area of quadrats (m²): _____

Summary Quad. Totals: Alive

--	--	--	--

REPRODUCTIVE STATE: Clonal Vegetative Flowerbud Flower

Immature fruit Fruit Dehisced fruit Percentage in flower: _____%

CONDITION OF PLANTS: Healthy Moderate Poor Senescent

COMMENT:

THREATS - type, agent and supporting information: E.g. clearing, too frequent fire, weed, disease. Refer to field manual for list of threats & agents. Specify agent where relevant. Rate current and potential threat impact: N=Nil, L=Low, M=Medium, H=High, E=Extreme Estimate time to potential impact: S=Short (<12mths), M=Medium (<5yrs), L=Long (5yrs+)	Current impact (N-E)	Potential Impact (L-E)	Potential Threat Onset (S-L)
• clearing for mining operations	<u>L</u>	<u>H</u>	<u>M</u>
•	_____	_____	_____
•	_____	_____	_____

Please return completed form to **Species And Communities Branch DPaW**,
Locked Bag 104, BENTLEY DELIVERY CENTRE WA 6983

RECORDS: Please forward to **Flora Administrative Officer**, Species and Communities Branch.

Record entered by: _____ Sheet No.: _____ Record Accepted in Database



Threatened and Priority Flora Report Form

HABITAT INFORMATION: (Check more than one box for combinations or where necessary)					
LANDFORM: Crest <input type="checkbox"/> Hill <input type="checkbox"/> Ridge <input type="checkbox"/> Outcrop <input type="checkbox"/> Slope <input type="checkbox"/> Flat <input checked="" type="checkbox"/> Open depression <input type="checkbox"/> Drainage line <input type="checkbox"/> Closed depression <input type="checkbox"/> Wetland <input type="checkbox"/>	ROCK TYPE: Granite <input type="checkbox"/> Dolerite <input type="checkbox"/> Laterite <input type="checkbox"/> Ironstone <input type="checkbox"/> Limestone <input type="checkbox"/> Quartz <input type="checkbox"/> Specify other:	LOOSE ROCK: <small>(on soil surface; e.g. gravel, quartz fields)</small> 0-10% <input type="checkbox"/> 10-30% <input type="checkbox"/> 30-50% <input type="checkbox"/> 50-100% <input type="checkbox"/>	SOIL TYPE: Sand <input type="checkbox"/> Sandy loam <input type="checkbox"/> Loam <input type="checkbox"/> Clay loam <input type="checkbox"/> Light clay <input checked="" type="checkbox"/> Peat <input type="checkbox"/> Specify other: sandy clay	SOIL COLOUR: Red <input type="checkbox"/> Brown <input type="checkbox"/> Yellow <input type="checkbox"/> White <input type="checkbox"/> Grey <input type="checkbox"/> Black <input type="checkbox"/> Specify other:	DRAINAGE: Well drained <input type="checkbox"/> Seasonally inundated <input type="checkbox"/> Permanently inundated <input type="checkbox"/> Tidal <input type="checkbox"/> Specify other:
Specific Landform Element: (Refer to field manual for additional values)					
CONDITION OF SOIL: Dry <input type="checkbox"/> Moist <input type="checkbox"/> Waterlogged <input type="checkbox"/> Inundated <input type="checkbox"/> Cracked <input type="checkbox"/> Saline <input type="checkbox"/> Other:					
VEGETATION CLASSIFICATION:* <small>E.g. 1. Banksia woodland (B. attenuata, B. ilicifolia); 2. Open shrubland (Hibbertia sp., Acacia spp.) 3. Isolated clumps of sedges (Mesomelaena tetragona)</small>	1. Open Eucalyptus woodland <hr/> 2. Melaleuca shrubland <hr/> 3. <hr/> 4.				
ASSOCIATED SPECIES: <small>Other (non-dominant) spp</small>	Eucalyptus eremophila, Melaleuca hamata, Melaleuca eleuterostachya, Melaleuca lateriflora, <hr/> Allocasuarina spp. <hr/> <hr/>				
<small>* Please record up to four of the most representative vegetation layers (with up to three dominant species in each layer). Structural Formations should follow 2009 Australian Soil and Land Survey Field Handbook guidelines – refer to field manual for further information and structural formation table.</small>					
CONDITION OF HABITAT: Pristine <input checked="" type="checkbox"/> Excellent <input checked="" type="checkbox"/> Very good <input type="checkbox"/> Good <input type="checkbox"/> Degraded <input type="checkbox"/> Completely degraded <input type="checkbox"/>					
COMMENT:					
FIRE HISTORY: Last Fire: Season/Month: _____ Year: _____ Fire Intensity: High <input type="checkbox"/> Medium <input type="checkbox"/> Low <input type="checkbox"/> No signs of fire <input type="checkbox"/>					
FENCING: Not required <input type="checkbox"/> Present <input type="checkbox"/> Replace / repair <input type="checkbox"/> Required <input type="checkbox"/> Length req'd: _____					
ROADSIDE MARKERS: Not required <input type="checkbox"/> Present <input type="checkbox"/> Replace / reposition <input type="checkbox"/> Required <input type="checkbox"/> Quantity req'd: _____					
OTHER COMMENTS: (Please include recommended management actions and/or implemented actions - include date. Also include details of additional data available, and how to locate it.)					

Please return completed form to **Species And Communities Branch DPaW**,
 Locked Bag 104, BENTLEY DELIVERY CENTRE WA 6983

RECORDS: Please forward to **Flora Administrative Officer**, Species and Communities Branch.



Threatened and Priority Flora Report Form

DRF PERMIT/ LICENCE No: SL011706 (D. Angus), SL011707 (A. Barrett)

Note if only observing plants (i.e. no specimens or plant material is taken) then no permit/licence is required. For further information on permit and licencing requirements see the Threatened Flora and Wildlife Licensing pages on DPaW's website. Any actions carried out under licence/permit should be recorded above in the OTHER COMMENTS section.

SPECIMEN:	Collectors No: See attached	WA Herb. <input type="checkbox"/>	Regional Herb. <input type="checkbox"/>	District Herb. <input type="checkbox"/>	Other:
ATTACHED:	Map <input type="checkbox"/>	Mudmap <input type="checkbox"/>	Photo <input type="checkbox"/>	GIS data <input type="checkbox"/>	Field notes <input type="checkbox"/>
COPY SENT TO:	Regional Office <input type="checkbox"/>	District Office <input type="checkbox"/>	Other:		
					Location and numbers

Submitter of record: _____	Role: _____
Signature: _____	Date submitted: / /

Please return completed form to **Species And Communities Branch** DPaW,
Locked Bag 104, BENTLEY DELIVERY CENTRE WA 6983

RECORDS: Please forward to **Flora Administrative Officer**, Species and Communities Branch.

Threatened and Priority Flora report Form – Attachment – *Acacia undosa* (P3)

Species	Quadrat Reference	Location (GDA94, Zone 50)		Number of Plants
		Easting (mE)	Northing (mN)	
<i>Acacia undosa</i> (P3)	IB09	758957	6447250	1
	EG15	759627	6446047	1
	IB04	760166	6447657	1



Threatened and Priority Flora Report Form

Please complete as much of the form as possible.

For information on how to complete the form please refer to the Threatened & Priority Flora Report Form (TPRF) manual on the DPaW website at <http://www.dpaw.wa.gov.au/>

TAXON: <u>Hakea pendens</u>		TPFL Pop. No.: _____	
OBSERVATION DATE: <u>25/10/16</u>		CONSERVATION STATUS: <u>P3</u> New population <input type="checkbox"/>	
OBSERVER/S: <u>David Angus</u>		PHONE: <u>08 9257 1625</u>	
ROLE: <u>Botanist</u>		ORGANISATION: <u>Mattiske Consulting Pty Ltd</u>	

DESCRIPTION OF LOCATION (Provide at least nearest town/named locality, and the distance and direction to that place):
370km East of Perth, 100km SSE of Southern Cross

Reserve No.: _____

DISTRICT: <u>Yilgarn</u>	LGA: <u>Shire of Yilgarn</u>	Land manager present: <input type="checkbox"/>
DATUM:		
COORDINATES: (If UTM coords provided, Zone is also required)		
GDA94 / MGA94 <input checked="" type="checkbox"/>	DecDegrees <input type="checkbox"/>	DegMinSec <input type="checkbox"/>
AGD84 / AMG84 <input type="checkbox"/>	Lat / Northing: <u>758866</u>	UTMs <input checked="" type="checkbox"/>
WGS84 <input type="checkbox"/>	Long / Easting: <u>6445752</u>	GPS <input checked="" type="checkbox"/>
Unknown <input type="checkbox"/>	Zone: <u>50H</u>	Differential GPS <input type="checkbox"/>
		Map <input type="checkbox"/>
		No. satellites: _____
		Map used: _____
		Boundary polygon captured: <input type="checkbox"/>
		Map scale: _____

LAND TENURE:

Nature reserve <input type="checkbox"/>	Timber reserve <input type="checkbox"/>	Private property <input type="checkbox"/>	Rail reserve <input type="checkbox"/>	Shire road reserve <input type="checkbox"/>
National park <input type="checkbox"/>	State forest <input type="checkbox"/>	Pastoral lease <input type="checkbox"/>	MRWA road reserve <input type="checkbox"/>	Other Crown reserve <input type="checkbox"/>
Conservation park <input type="checkbox"/>	Water reserve <input type="checkbox"/>	UCL <input type="checkbox"/>	SLK/Pole _____ to _____	Specify other: <u>mining lease</u>

AREA ASSESSMENT: Edge survey Partial survey Full survey Area observed (m²): _____

EFFORT: Time spent surveying (minutes): _____ No. of minutes spent / 100 m²: _____

POP'N COUNT ACCURACY: Actual Extrapolation Estimate

Count method: (Refer to field manual for list) _____

WHAT COUNTED: Plants Clumps Clonal stems

TOTAL POP'N STRUCTURE:	Mature:	Juveniles:	Seedlings:	Totals:	Area of pop (m ²): _____ Note: Pls record count as numbers (not percentages) for database.
Alive	1			1	
Dead					

QUADRATS PRESENT: No. _____ Size _____ Data attached Total area of quadrats (m²): _____

Summary Quad. Totals: Alive

--	--	--	--

REPRODUCTIVE STATE: Clonal Vegetative Flowerbud Flower
 Immature fruit Fruit Dehisced fruit Percentage in flower: _____%

CONDITION OF PLANTS: Healthy Moderate Poor Senescent

COMMENT:

THREATS - type, agent and supporting information: E.g. clearing, too frequent fire, weed, disease. Refer to field manual for list of threats & agents. Specify agent where relevant. Rate current and potential threat impact: N=Nil, L=Low, M=Medium, H=High, E=Extreme Estimate time to potential impact: S=Short (<12mths), M=Medium (<5yrs), L=Long (5yrs+)	Current impact (N-E)	Potential Impact (L-E)	Potential Threat Onset (S-L)
• clearing for mining operations	<u>L</u>	<u>H</u>	<u>M</u>
•	_____	_____	_____
•	_____	_____	_____

Please return completed form to **Species And Communities Branch DPaW**,
 Locked Bag 104, BENTLEY DELIVERY CENTRE WA 6983

RECORDS: Please forward to **Flora Administrative Officer**, Species and Communities Branch.

Record entered by: _____ Sheet No.: _____ Record Accepted in Database



Threatened and Priority Flora Report Form

HABITAT INFORMATION: (Check more than one box for combinations or where necessary)					
LANDFORM: Crest <input type="checkbox"/> Hill <input type="checkbox"/> Ridge <input checked="" type="checkbox"/> Outcrop <input type="checkbox"/> Slope <input type="checkbox"/> Flat <input type="checkbox"/> Open depression <input type="checkbox"/> Drainage line <input type="checkbox"/> Closed depression <input type="checkbox"/> Wetland <input type="checkbox"/>	ROCK TYPE: Granite <input type="checkbox"/> Dolerite <input type="checkbox"/> Laterite <input type="checkbox"/> Ironstone <input checked="" type="checkbox"/> Limestone <input type="checkbox"/> Quartz <input type="checkbox"/> Specify other:	LOOSE ROCK: <small>(on soil surface; e.g. gravel, quartz fields)</small> 0-10% <input type="checkbox"/> 10-30% <input type="checkbox"/> 30-50% <input type="checkbox"/> 50-100% <input type="checkbox"/>	SOIL TYPE: Sand <input type="checkbox"/> Sandy loam <input type="checkbox"/> Loam <input type="checkbox"/> Clay loam <input type="checkbox"/> Light clay <input type="checkbox"/> Peat <input type="checkbox"/> Specify other: clay	SOIL COLOUR: Red <input type="checkbox"/> Brown <input checked="" type="checkbox"/> Yellow <input type="checkbox"/> White <input type="checkbox"/> Grey <input type="checkbox"/> Black <input type="checkbox"/> Specify other: orange	DRAINAGE: Well drained <input type="checkbox"/> Seasonally inundated <input type="checkbox"/> Permanently inundated <input type="checkbox"/> Tidal <input type="checkbox"/> Specify other:
Specific Landform Element: (Refer to field manual for additional values)					
CONDITION OF SOIL: Dry <input type="checkbox"/> Moist <input type="checkbox"/> Waterlogged <input type="checkbox"/> Inundated <input type="checkbox"/> Cracked <input type="checkbox"/> Saline <input type="checkbox"/> Other:					
VEGETATION CLASSIFICATION:* <small>E.g. 1. Banksia woodland (B. attenuata, B. ilicifolia); 2. Open shrubland (Hibbertia sp., Acacia spp.) 3. Isolated clumps of sedges (Mesomelaena tetragona)</small>	1. Open woodland over shrubland <hr/> 2. <hr/> 3. <hr/> 4.				
ASSOCIATED SPECIES: <small>Other (non-dominant) spp</small>	Eucalyptus capillosa subsp. polyclada, Allocasuarina acutivalvis subsp. acutivalvis, <hr/> Callitris canescens, Phebalium megaphyllum, Acacia acuminata <hr/> <hr/>				
<small>* Please record up to four of the most representative vegetation layers (with up to three dominant species in each layer). Structural Formations should follow 2009 Australian Soil and Land Survey Field Handbook guidelines – refer to field manual for further information and structural formation table.</small>					
CONDITION OF HABITAT: Pristine <input checked="" type="checkbox"/> Excellent <input type="checkbox"/> Very good <input type="checkbox"/> Good <input type="checkbox"/> Degraded <input type="checkbox"/> Completely degraded <input type="checkbox"/>					
COMMENT:					
FIRE HISTORY: Last Fire: Season/Month: _____ Year: _____ Fire Intensity: High <input type="checkbox"/> Medium <input type="checkbox"/> Low <input type="checkbox"/> No signs of fire <input type="checkbox"/>					
FENCING: Not required <input type="checkbox"/> Present <input type="checkbox"/> Replace / repair <input type="checkbox"/> Required <input type="checkbox"/> Length req'd: _____					
ROADSIDE MARKERS: Not required <input type="checkbox"/> Present <input type="checkbox"/> Replace / reposition <input type="checkbox"/> Required <input type="checkbox"/> Quantity req'd: _____					
OTHER COMMENTS: (Please include recommended management actions and/or implemented actions - include date. Also include details of additional data available, and how to locate it.)					

Please return completed form to **Species And Communities Branch DPaW**,
 Locked Bag 104, BENTLEY DELIVERY CENTRE WA 6983

RECORDS: Please forward to **Flora Administrative Officer**, Species and Communities Branch.



Threatened and Priority Flora Report Form

DRF PERMIT/ LICENCE No: SL011706 (D. Angus)

Note if only observing plants (i.e. no specimens or plant material is taken) then no permit/licence is required. For further information on permit and licencing requirements see the Threatened Flora and Wildlife Licensing pages on DPaW's website. Any actions carried out under licence/permit should be recorded above in the OTHER COMMENTS section.

SPECIMEN: Collectors No: DA2367 WA Herb. Regional Herb. District Herb. Other:

ATTACHED: Map Mudmap Photo GIS data Field notes Other:

COPY SENT TO: Regional Office District Office Other:

Submitter of record: _____

Role: _____

Signature: _____

Date submitted: / /

Please return completed form to **Species And Communities Branch** DPaW,
Locked Bag 104, BENTLEY DELIVERY CENTRE WA 6983

RECORDS: Please forward to **Flora Administrative Officer**, Species and Communities Branch.



Threatened and Priority Flora Report Form

Please complete as much of the form as possible.

For information on how to complete the form please refer to the Threatened & Priority Flora Report Form (TPRF) manual on the DPaW website at <http://www.dpaw.wa.gov.au/>

TAXON: Calamphoreus inflatus		TPFL Pop. No.: _____	
OBSERVATION DATE: 8-9/11/16		CONSERVATION STATUS: P4 New population <input type="checkbox"/>	
OBSERVER/S: David Angus, Sacha Ruoss		PHONE: 08 9257 1625	
ROLE: Botanist		ORGANISATION: Mattiske Consulting Pty Ltd	

DESCRIPTION OF LOCATION (Provide at least nearest town/named locality, and the distance and direction to that place):

370km East of Perth, 100km SSE of Southern Cross

Reserve No.: _____

DISTRICT: Yilgarn	LGA: Shire of Yilgarn	Land manager present: <input type="checkbox"/>
DATUM:		
COORDINATES: (If UTM coords provided, Zone is also required)		
GDA94 / MGA94 <input checked="" type="checkbox"/>	DecDegrees <input type="checkbox"/>	DegMinSec <input type="checkbox"/>
AGD84 / AMG84 <input type="checkbox"/>	Lat / Northing: See attached	UTMs <input checked="" type="checkbox"/>
WGS84 <input type="checkbox"/>	Long / Easting: See attached	GPS <input checked="" type="checkbox"/>
Unknown <input type="checkbox"/>	Zone: 50H	Differential GPS <input type="checkbox"/>
METHOD USED:		Map <input type="checkbox"/>
No. satellites: _____		Map used: _____
Boundary polygon captured: <input type="checkbox"/>		Map scale: _____

LAND TENURE:

Nature reserve <input type="checkbox"/>	Timber reserve <input type="checkbox"/>	Private property <input type="checkbox"/>	Rail reserve <input type="checkbox"/>	Shire road reserve <input type="checkbox"/>
National park <input type="checkbox"/>	State forest <input type="checkbox"/>	Pastoral lease <input type="checkbox"/>	MRWA road reserve <input type="checkbox"/>	Other Crown reserve <input type="checkbox"/>
Conservation park <input type="checkbox"/>	Water reserve <input type="checkbox"/>	UCL <input type="checkbox"/>	SLK/Pole _____ to _____	Specify other: <u>mining lease</u>

AREA ASSESSMENT: Edge survey Partial survey Full survey Area observed (m²): _____

EFFORT: Time spent surveying (minutes): _____ No. of minutes spent / 100 m²: _____

POP'N COUNT ACCURACY: Actual Extrapolation Estimate

Count method: (Refer to field manual for list) _____

WHAT COUNTED: Plants Clumps Clonal stems

TOTAL POP'N STRUCTURE:	Mature:	Juveniles:	Seedlings:	Totals:	Area of pop (m ²): _____
	See Attached			See Attached	
Alive					Note: Pls record count as numbers (not percentages) for database.
Dead					

QUADRATS PRESENT: No. _____ Size _____ Data attached Total area of quadrats (m²): _____

Summary Quad. Totals: Alive _____

REPRODUCTIVE STATE: Clonal Vegetative Flowerbud Flower

Immature fruit Fruit Dehisced fruit Percentage in flower: _____%

CONDITION OF PLANTS: Healthy Moderate Poor Senescent

COMMENT:

THREATS - type, agent and supporting information: <small>E.g. clearing, too frequent fire, weed, disease. Refer to field manual for list of threats & agents. Specify agent where relevant.</small>	Current impact (N-E)	Potential Impact (L-E)	Potential Threat Onset (S-L)
• clearing for mining operations	<u>L</u>	<u>H</u>	<u>M</u>
•	_____	_____	_____
•	_____	_____	_____

Please return completed form to **Species And Communities Branch DPaW**,
Locked Bag 104, BENTLEY DELIVERY CENTRE WA 6983

RECORDS: Please forward to **Flora Administrative Officer**, Species and Communities Branch.

Record entered by: _____ Sheet No.: _____ Record Accepted in Database



Threatened and Priority Flora Report Form

HABITAT INFORMATION: (Check more than one box for combinations or where necessary)					
LANDFORM: Crest <input type="checkbox"/> Hill <input type="checkbox"/> Ridge <input type="checkbox"/> Outcrop <input type="checkbox"/> Slope <input type="checkbox"/> Flat <input checked="" type="checkbox"/> Open depression <input type="checkbox"/> Drainage line <input type="checkbox"/> Closed depression <input type="checkbox"/> Wetland <input type="checkbox"/>	ROCK TYPE: Granite <input type="checkbox"/> Dolerite <input type="checkbox"/> Laterite <input type="checkbox"/> Ironstone <input checked="" type="checkbox"/> Limestone <input type="checkbox"/> Quartz <input type="checkbox"/> Specify other:	LOOSE ROCK: (on soil surface; e.g. gravel, quartz fields) 0-10% <input checked="" type="checkbox"/> 10-30% <input type="checkbox"/> 30-50% <input type="checkbox"/> 50-100% <input type="checkbox"/>	SOIL TYPE: Sand <input type="checkbox"/> Sandy loam <input type="checkbox"/> Loam <input type="checkbox"/> Clay loam <input checked="" type="checkbox"/> Light clay <input checked="" type="checkbox"/> Peat <input type="checkbox"/> Specify other:	SOIL COLOUR: Red <input type="checkbox"/> Brown <input checked="" type="checkbox"/> Yellow <input type="checkbox"/> White <input type="checkbox"/> Grey <input type="checkbox"/> Black <input type="checkbox"/> Specify other: orange	DRAINAGE: Well drained <input type="checkbox"/> Seasonally inundated <input type="checkbox"/> Permanently inundated <input type="checkbox"/> Tidal <input type="checkbox"/> Specify other:
Specific Landform Element: (Refer to field manual for additional values)					
CONDITION OF SOIL: Dry <input type="checkbox"/> Moist <input type="checkbox"/> Waterlogged <input type="checkbox"/> Inundated <input type="checkbox"/> Cracked <input type="checkbox"/> Saline <input type="checkbox"/> Other:					
VEGETATION CLASSIFICATION:* E.g. 1. Banksia woodland (B. attenuata, B. ilicifolia); 2. Open shrubland (Hibbertia sp., Acacia spp.) 3. Isolated clumps of sedges (Mesomelaena tetragona)	1. Open Eucalyptus woodland (burnt) 2. Melaleuca shrubland (burnt) 3. 4.				
ASSOCIATED SPECIES: Other (non-dominant) spp	Eucalyptus eremophila, Eucalyptus flocktoniae subsp. flocktoniae, Eucalyptus prolixa, Melaleuca halmaturorum, Melaleuca acuminata subsp. acuminata, Coopernookia strophiolata, Melaleuca lateriflora				
* Please record up to four of the most representative vegetation layers (with up to three dominant species in each layer). Structural Formations should follow 2009 <i>Australian Soil and Land Survey Field Handbook</i> guidelines – refer to field manual for further information and structural formation table.					
CONDITION OF HABITAT: Pristine <input type="checkbox"/> Excellent <input checked="" type="checkbox"/> Very good <input type="checkbox"/> Good <input type="checkbox"/> Degraded <input type="checkbox"/> Completely degraded <input type="checkbox"/>					
COMMENT:					
FIRE HISTORY: Last Fire: Season/Month: _____ Year: <2 yrs Fire Intensity: High <input type="checkbox"/> Medium <input type="checkbox"/> Low <input type="checkbox"/> No signs of fire <input type="checkbox"/>					
FENCING: Not required <input type="checkbox"/> Present <input type="checkbox"/> Replace / repair <input type="checkbox"/> Required <input type="checkbox"/> Length req'd: _____					
ROADSIDE MARKERS: Not required <input type="checkbox"/> Present <input type="checkbox"/> Replace / reposition <input type="checkbox"/> Required <input type="checkbox"/> Quantity req'd: _____					
OTHER COMMENTS: (Please include recommended management actions and/or implemented actions - include date. Also include details of additional data available, and how to locate it.)					

Please return completed form to **Species And Communities Branch DPaW**,
 Locked Bag 104, BENTLEY DELIVERY CENTRE WA 6983

RECORDS: Please forward to **Flora Administrative Officer**, Species and Communities Branch.



Threatened and Priority Flora Report Form

DRF PERMIT/ LICENCE No: SL011706 (D. Angus), SL012018 (S. Ruoss)

Note if only observing plants (i.e. no specimens or plant material is taken) then no permit/licence is required. For further information on permit and licencing requirements see the Threatened Flora and Wildlife Licensing pages on DPaW's website. Any actions carried out under licence/permit should be recorded above in the OTHER COMMENTS section.

SPECIMEN:	Collectors No: DA2599, SBR045	WA Herb. <input type="checkbox"/>	Regional Herb. <input type="checkbox"/>	District Herb. <input type="checkbox"/>	Other:
ATTACHED:	Map <input type="checkbox"/>	Mudmap <input type="checkbox"/>	Photo <input type="checkbox"/>	GIS data <input type="checkbox"/>	Field notes <input type="checkbox"/>
COPY SENT TO:	Regional Office <input type="checkbox"/>	District Office <input type="checkbox"/>	Other:		
					Location and numbers

Submitter of record: _____	Role: _____
Signature: _____	Date submitted: / /

Please return completed form to **Species And Communities Branch** DPaW,
Locked Bag 104, BENTLEY DELIVERY CENTRE WA 6983

RECORDS: Please forward to **Flora Administrative Officer**, Species and Communities Branch.

Threatened and Priority Flora report Form – Attachment – *Calamphoreus inflatus* (P2)

Species	Quadrat Reference	Location (GDA94, Zone 50)		Number of Plants
		Easting (mE)	Northing (mN)	
<i>Calamphoreus inflatus</i> (P2)	PW07	759874	6449800	1
	PW06	759670	6450206	1
	opportunistic	759598	6450854	1

APPENDIX H: SUMMARY OF VASCULAR PLANT SPECIES RECORDED IN EACH VEGETATION COMMUNITY IN THE EARL GREY, IRISH BREAKFAST AND PRINCE OF WALES PROSPECTS

* denotes introduced species; P1 - P4 denotes priority species

Species	Vegetation Community									
	W2	MW3	MW4	MW5	MW6	MW7	MW8	MW9	MW10	MW11
<i>Acacia acuminata</i>			x		x	x			x	x
<i>Acacia assimilis</i> subsp. <i>assimilis</i>			x		x					
<i>Acacia camptoclada</i>									x	x
<i>Acacia deficiens</i>		x				x		x		x
<i>Acacia evenulosa</i>								x	x	x
<i>Acacia hemiteles</i>		x						x		x
<i>Acacia heteroneura</i> var. <i>jutsonii</i>					x				x	
<i>Acacia hystrix</i> subsp. <i>hystrix</i>					x			x	x	
<i>Acacia mackeyana</i>						x		x		x
<i>Acacia merrallii</i>		x						x		
<i>Acacia sphacelata</i> subsp. <i>sphacelata</i>						x				
<i>Acacia tetraptera</i>	x								x	x
<i>Acacia undosa</i> (P3)					x		x			x
<i>Acacia yorkkrakinensis</i> subsp. <i>acrita</i>								x		
<i>Allocasuarina ?acutivalvis</i>					x					
<i>Allocasuarina acutivalvis</i> subsp. <i>acutivalvis</i>			x	x	x	x		x	x	x
<i>Allocasuarina spinosissima</i>				x	x	x		x	x	
<i>Amphipogon caricinus</i> var. <i>caricinus</i>							x			
Asteraceae sp.		x						x		
<i>Astroloma serratifolium</i>					x					
<i>Astus subroseus</i>							x		x	
<i>Austrostipa elegantissima</i>		x								
<i>Austrostipa hemipogon</i>		x					x	x		x
<i>Austrostipa trichophylla</i>							x			
<i>Baeckea elderiana</i>			x		x					

APPENDIX H: SUMMARY OF VASCULAR PLANT SPECIES RECORDED IN EACH VEGETATION COMMUNITY IN THE EARL GREY, IRISH BREAKFAST AND PRINCE OF WALES PROSPECTS

* denotes introduced species; P1 - P4 denotes priority species

Species	Vegetation Community									
	W2	MW3	MW4	MW5	MW6	MW7	MW8	MW9	MW10	MW11
<i>Baeckea</i> sp.					x					
<i>Banksia laevigata</i> subsp. <i>fuscolutea</i>			x		x					
<i>Banksia purdieana</i>				x		x				
<i>Banksia sphaerocarpa</i> var. <i>dolichostyla</i> (T)				x						
<i>Beaufortia orbifolia</i>				x						
<i>Beaufortia puberula</i>					x				x	
<i>Beaufortia schaueri</i>				x						
<i>Beyeria</i> ? <i>sulcata</i>					x					
<i>Beyeria sulcata</i> var. <i>brevipes</i>					x	x				x
<i>Blennospora drummondii</i>							x			
<i>Boronia inornata</i> subsp. <i>inornata</i>		x								x
? <i>Brachyscome</i> sp.		x								
<i>Calamphoreus inflatus</i> (P4)		x								
<i>Callitris canescens</i>			x	x	x	x	x	x	x	
<i>Cassytha</i> sp.				x	x			x		x
* <i>Centaurium tenuiflorum</i>							x			
<i>Centrolepis polygyna</i>							x			
<i>Centrolepis strigosa</i> subsp. <i>rupestris</i>							x			
<i>Chamaexeros fimbriata</i>					x					
<i>Conostephium</i> ? <i>preissii</i>										x
<i>Coopernookia strophiolata</i>		x								
<i>Crassula colorata</i>								x		x
<i>Crassula colorata</i> var. <i>colorata</i>										x
<i>Cryptandra distigma</i>									x	
<i>Cryptandra minutifolia</i> subsp. <i>brevistyla</i>					x			x	x	

APPENDIX H: SUMMARY OF VASCULAR PLANT SPECIES RECORDED IN EACH VEGETATION COMMUNITY IN THE EARL GREY, IRISH BREAKFAST AND PRINCE OF WALES PROSPECTS

* denotes introduced species; P1 - P4 denotes priority species

Species	Vegetation Community									
	W2	MW3	MW4	MW5	MW6	MW7	MW8	MW9	MW10	MW11
<i>Cryptandra wilsonii</i>					x				x	
<i>Cyanostegia lanceolata</i>			x							
<i>Dampiera eriocephala</i>			x							
<i>Dampiera</i> sp.					x					
<i>Darwinia</i> sp. Karonie (K. Newbey 8503)					x		x			
<i>Daviesia argillacea</i>	x	x				x		x	x	x
<i>Daviesia benthamii</i> subsp. <i>acanthoclona</i>					x				x	x
<i>Daviesia scoparia</i>						x				x
<i>Dianella revoluta</i>					x		x		x	x
<i>Dillwynia acerosa</i>					x	x			x	x
<i>Dodonaea amblyophylla</i>						x				
<i>Dodonaea bursariifolia</i>		x						x		x
<i>Dodonaea stenozyga</i>	x				x			x	x	x
<i>Dodonaea</i> sp.									x	x
<i>Drosera</i> sp. (climbing)								x		
<i>Drummondita hassellii</i>					x	x			x	
<i>Enchylaena tomentosa</i>					x					
<i>Eucalyptus burracoppinensis</i>				x	x					
<i>Eucalyptus capillosa</i> subsp. <i>polyclada</i>			x		x	x		x		
<i>Eucalyptus eremophila</i>		x			x	x	x		x	x
<i>Eucalyptus flocktoniae</i> subsp. <i>flocktoniae</i>	x	x							x	x
<i>Eucalyptus incrassata</i>					x					x
<i>Eucalyptus livida</i>					x	x				
<i>Eucalyptus prolixa</i>	x	x						x		x
<i>Eucalyptus rigidula</i>	x				x			x	x	x

APPENDIX H: SUMMARY OF VASCULAR PLANT SPECIES RECORDED IN EACH VEGETATION COMMUNITY IN THE EARL GREY, IRISH BREAKFAST AND PRINCE OF WALES PROSPECTS

* denotes introduced species; P1 - P4 denotes priority species

Species	Vegetation Community									
	W2	MW3	MW4	MW5	MW6	MW7	MW8	MW9	MW10	MW11
<i>Eucalyptus salubris</i>	x									x
<i>Eucalyptus</i> sp.		x			x				x	
<i>Euryomyrtus maidenii</i>					x				x	
<i>Eutaxia lasiocalyx</i> (P2)								x		x
<i>Eutaxia</i> sp. North Ironcap (P. Armstrong PA 06/898)		x								
<i>Exocarpos aphyllus</i>	x	x							x	x
<i>Gastrolobium floribundum</i>					x					
<i>Gastrolobium melanocarpum</i>					x				x	
<i>Gastrolobium spinosum</i>					x					
<i>Gastrolobium</i> sp.			x							
<i>Glischrocaryon aureum</i>		x	x							
<i>Gnephosis drummondii</i>							x			
<i>Gompholobium hendersonii</i>				x						
<i>Goodenia pinifolia</i>			x	x						
<i>Goodenia ?occidentalis</i>							x			
<i>Grevillea acuaria</i>	x	x			x	x		x	x	x
<i>Grevillea didymobotrya</i> subsp. <i>didymobotrya</i>			x		x					
<i>Grevillea huegelii</i>					x			x	x	x
<i>Grevillea</i> sp.					x	x				x
<i>Hakea erecta</i>					x					
<i>Hakea invaginata</i>					x			x	x	
<i>Hakea meisneriana</i>					x					
<i>Hakea ?minyma</i>					x	x				
<i>Hakea ?newbeyana</i>										x
<i>Hakea pendens</i> (P3)						x				

APPENDIX H: SUMMARY OF VASCULAR PLANT SPECIES RECORDED IN EACH VEGETATION COMMUNITY IN THE EARL GREY, IRISH BREAKFAST AND PRINCE OF WALES PROSPECTS

* denotes introduced species; P1 - P4 denotes priority species

Species	Vegetation Community									
	W2	MW3	MW4	MW5	MW6	MW7	MW8	MW9	MW10	MW11
<i>Hakea subsulcata</i>			x	x	x	x			x	x
<i>Halgania lavandulacea</i>					x					
<i>Haloragodendron glandulosum</i>		x								
<i>Hemigenia westringioides</i>			x							
<i>Hibbertia exasperata</i>					x	x			x	
<i>Hibbertia gracilipes</i>					x					
<i>Hibbertia psilocarpa</i>					x				x	x
<i>Hibbertia stowardii</i>			x		x					
<i>Hibbertia</i> sp. Wheatbelt (J.R. Wheeler 3955)					x					
<i>Isopogon gardneri</i>				x						
<i>Isopogon scabriusculus</i> subsp. <i>stenophyllus</i>			x		x					
<i>Jacksonia nematoclada</i>					x					
<i>Lepidosperma sanguinolentum</i>					x					
<i>Lepidosperma</i> sp.					x				x	x
<i>Leptomeria preissiana</i>					x					x
<i>Leptospermum erubescens</i>					x	x	x			
<i>Leptospermum fastigiatum</i>					x					
<i>Leucopogon</i> sp. Coolgardie (M. Hislop & F. Hort MH 3197)					x					
<i>Leucopogon</i> sp. Forrestania (G.F. Craig 2386)					x					
<i>Leucopogon</i> sp.					x					
<i>Levenhookia stipitata</i>							x			
<i>Lobelia</i> sp.										x
<i>Melaleuca acuminata</i> subsp. <i>acuminata</i>	x	x			x			x	x	x
<i>Melaleuca calyptroides</i>					x				x	
<i>Melaleuca cliffortioides</i>								x		

APPENDIX I: SUMMARY OF VEGETATION COMMUNITIES DEFINED IN THE EARL GREY, IRISH BREAKFAST, PRINCE OF WALES AND VAN UDEN PROSPECTS.

Vegetation Community Description

Vegetation map code: W2

Vegetation community description

Eucalyptus salubris, *Eucalyptus flocktoniae* subsp. *flocktoniae* low woodland over *Melaleuca pauperiflora* subsp. *fastigiata*, *Melaleuca halmaturorum*, *Daviesia argillacea* mid open shrubland over *Microcybe ambigua* low sparse heathland.

Statistically associated species

Dodonaea stenozyga, *Exocarpos aphyllus*, *Melaleuca acuminata* subsp. *acuminata*, *Melaleuca lateriflora*

Occasional species:

Acacia tetraptera, *Dodonaea stenozyga*, *Eucalyptus* ? *rigidula*, *Eucalyptus prolixa*, *Exocarpos aphyllus*, *Grevillea acuarina*, *Melaleuca acuminata* subsp. *acuminata*, *Melaleuca eleuterostachya*, *Melaleuca lateriflora*, *Olearia muelleri*

Soils and Landforms: pale orange clayey sand flats

Surface rocks: not present

Outcropping: not present

Condition: excellent

Area: 12.31 ha

Proportion of survey area: 1.94%

Number of Quadrats: 2

Average species richness: 16.50 ± 3.54 (s.e.m.)

Range of species richness: 14 to 19

Similarity Percentage: 90.81 %

Representative Photograph



Quadrat EG16

APPENDIX I: SUMMARY OF VEGETATION COMMUNITIES DEFINED IN THE EARL GREY, IRISH BREAKFAST, PRINCE OF WALES AND VAN UDEN PROSPECTS.

Vegetation Community Description

Vegetation map code: MW3

Vegetation community description

Eucalyptus eremophila, *Eucalyptus flocktoniae* subsp. *flocktoniae*, *Eucalyptus prolixa* mid open mallee woodland over *Daviesia argillacea*, *Acacia hemiteles* low sparse shrubland over *Acacia deficiens*, *Cooperookia strophiolata* low sparse heathland.

Statistically associated species

nil

Occasional species:

Acacia merrallii, *Austrostipa elegantissima*, *Austrostipa hemipogon*, *Boronia inornata* subsp. *inornata*, *Calamphoreus inflatus* (P4), *Dodonaea ?bursariifolia*, *Eutaxia* sp. North Ironcap (P. Armstrong PA 06/898), *Exocarpos aphyllus*, *Glischrocaryon aureum*, *Grevillea acuaria*, *Haloragodendron glandulosum*, *Melaleuca acuminata* subsp. *acuminata*, *Melaleuca halmaturorum*, *Melaleuca lateriflora*, *Microcorys obovata*, *Orianthera ?judithiana*, *Thysanotus* sp. Twining Wheatbelt (N.H. Brittan 81/29), *Westringia cephalantha*

Soils and Landforms: brown clay loam on flats

Surface rocks: ironstone pebbles (occasional)

Outcropping: none

Condition: very good

Area: 85.96 ha

Proportion of survey area: 13.57%

Number of Quadrats: 3

Average species richness: 14.00 ± 1.00 (s.e.m.)

Range of species richness: 13 to 15

Similarity Percentage: 31.78 %

Representative Photograph



Quadrat PW06

APPENDIX I: SUMMARY OF VEGETATION COMMUNITIES DEFINED IN THE EARL GREY, IRISH BREAKFAST, PRINCE OF WALES AND VAN UDEN PROSPECTS.

Vegetation Community Description

Vegetation map code: MW4

Vegetation community description

Eucalyptus capillosa subsp. *polyclada* mid open mallee woodland over *Baeckea elderiana*, *Allocasuarina acutivalvis* subsp. *acutivalvis*, *Grevillea didymobotrya* subsp. *didymobotrya* mid-tall sparse shrubland.

Statistically associated species

nil

Occasional species:

Acacia acuminata, *Acacia assimilis* subsp. *assimilis*, *Banksia laevigata* subsp. *fuscolutea*, *Callitris canescens*, *Cyanostegia lanceolata*, *Dampiera eriocephala*, *Gastrolobium* sp., *Glischrocaryon aureum*, *Goodenia pinifolia*, *Hakea subsulcata*, *Hemigenia westringioides*, *Hibbertia stowardii*, *Isopogon scabriusculus* subsp. *stenophyllus*, *Melaleuca cordata*, *Santalum acuminatum*, *Thryptomene kochii*

Soils and Landforms: orange-brown clay on flats and mid slopes

Surface rocks: ironstone pebbles (occasional)

Outcropping: not present

Condition: excellent

Area: 3.52 ha

Proportion of survey area: 0.56%

Number of Quadrats: 2

Average species richness: 12.50 ± 4.18 (s.e.m.)

Range of species richness: 12 to 13

Similarity Percentage: 42.55 %

Representative Photograph



Quadrat PW03

APPENDIX I: SUMMARY OF VEGETATION COMMUNITIES DEFINED IN THE EARL GREY, IRISH BREAKFAST, PRINCE OF WALES AND VAN UDEN PROSPECTS.

Vegetation Community Description

Vegetation map code: MW5 (single quadrat area external to survey areas)

Vegetation community description

Eucalyptus burracoppinensis, *Allocasuarina acutivalvis* subsp. *acutivalvis*, *Callitris canescens* low open mallee woodland over *Banksia purdieana*, *Beaufortia orbifolia*, *Allocasuarina spinosissima* mid open shrubland over *Gompholobium hendersonii*, *Goodenia pinifolia* low isolated shrubs.

Statistically associated species

Acacia

Occasional species:

Banksia sphaerocarpa var. *dolichostyla* (T), *Beaufortia orbifolia*, *Beaufortia schaueri*, *Cassytha* sp., *Hakea subsulcata*, *Isopogon gardneri*, *Melaleuca cordata*, *Melaleuca hamata*, *Santalum acuminatum*, *Thryptomene kochii*

Soils and Landforms: yellow-brown clay loam on flats

Surface rocks: gravel

Outcropping: not present

Condition: excellent

Area: not determined – external to survey area

Proportion of survey area: not determined

Number of Quadrats: 1

Average species richness: <2 samples in group

Range of species richness: <2 samples in group

Similarity Percentage: <2 samples in group

Representative Photograph



Quadrat EG13

APPENDIX I: SUMMARY OF VEGETATION COMMUNITIES DEFINED IN THE EARL GREY, IRISH BREAKFAST, PRINCE OF WALES AND VAN UDEN PROSPECTS.

Vegetation Community Description

Vegetation map code: MW6

Vegetation community description

Eucalyptus burracoppinensis, *Eucalyptus eremophila* mid open mallee woodland over *Thryptomene kochii*, *Melaleuca laxiflora*, *Acacia acuminata* mid open shrubland over *Drummondita hassellii*, *Microcybe ambigua* low sparse heathland.

Statistically associated species

Allocasuarina acutivalvis subsp. *acutivalvis*, *Allocasuarina spinosissima*, *Euryomyrtus maidenii*, *Grevillea didymobotrya* subsp. *didymobotrya*, *Hakea ?minyma*, *Hakea erecta*, *Hibbertia stowardii*, *Isopogon scabriusculus* subsp. *stenophyllus*, *Melaleuca calyptroides*, *Melaleuca hamata*, *Melaleuca spicigera*, *Persoonia ?quinquenervis*, *Phebalium filifolium*, *Santalum acuminatum*,

Occasional species:

Soils and Landforms: grey-brown to orange-brown clay to clay sand on flats

Surface rocks: scattered ironstone pebbles

Outcropping: not present

Condition: very good to excellent

Area: 101.01 ha

Proportion of survey area: 15.95%

Number of Quadrats: 12

Average species richness: 28.33 ± 2.49 (s.e.m.)

Range of species richness: 15 to 44

Similarity Percentage: 45.13 %

Representative Photograph



Quadrat EG02

APPENDIX I: SUMMARY OF VEGETATION COMMUNITIES DEFINED IN THE EARL GREY, IRISH BREAKFAST, PRINCE OF WALES AND VAN UDEN PROSPECTS.

Vegetation Community Description

Vegetation map code: MW7

Vegetation community description

Eucalyptus capillosa subsp. *polyclada*, *Eucalyptus eremophila* mid open mallee woodland over *Allocasuarina acutivalvis* subsp. *acutivalvis*, *Hakea subsulcata*, *Melaleuca hamata* mid-tall sparse shrubland over *Hibbertia exasperata*, *Phebalium megaphyllum* low sparse shrubland.

Statistically associated species

Acacia acuminata, *Allocasuarina spinosissima*, *Beyeria sulcata* var. *brevipes*, *Callitris canescens*, *Hakea* ? *minyma*, *Hibbertia exasperata*, *Melaleuca laxiflora*

Occasional species:

Acacia deficiens, *Acacia mackeyana*, *Acacia sphacelata* subsp. *sphacelata*, *Banksia purdieana*, *Daviesia argillacea*, *Daviesia scoparia*, *Dillwynia acerosa*, *Dodonaea amblyophylla*, *Drummondita hassellii*, *Eucalyptus* ? *livida*, *Grevillea acuaria*, *Hakea pendens* (P3), *Leptospermum erubescens*, *Olearia muelleri*, *Persoonia* ? *quinquenervis*, *Persoonia saundersiana*, *Phebalium filifolium*, *Rinzia sessilis*, *Santalum acuminatum*, *Stenanthemum stipulosum*, *Thomasia* sp. Salmon Gums (C.A. Gardner s.n. PERTH 02708639)

Soils and Landforms: on orange-brown to brown clay to loamy clay on flats and slopes

Surface rocks: ironstone pebbles

Outcropping: not present

Condition: excellent

Area: 4.48 ha

Proportion of survey area: 0.71%

Number of Quadrats: 3

Average species richness: 19.00 ± 2.31 (s.e.m.)

Range of species richness: 15 to 23

Similarity Percentage: 38.12 %

Representative Photograph



Quadrat EG20

APPENDIX I: SUMMARY OF VEGETATION COMMUNITIES DEFINED IN THE EARL GREY, IRISH BREAKFAST, PRINCE OF WALES AND VAN UDEN PROSPECTS.

Vegetation Community Description

Vegetation map code: MW8

Vegetation community description

Eucalyptus eremophila mid open mallee woodland over *Melaleuca hamata*, *Leptospermum erubescens*, *Melaleuca lateriflora* mid sparse shrubland over *Thomasia* sp. Salmon Gums (C.A. Gardner s.n. PERTH 02708639), *Darwinia* sp. Karonie (K. Newbey 8503) low sparse shrubland.

Statistically associated species

not applicable

Occasional species:

Acacia undosa (P3), *Amphipogon caricinus* var. *caricinus*, *Astus subroseus*, *Austrostipa hemipogon*, *Austrostipa trichophylla*, *Blennospora drummondii*, *Callitris canescens*, **Centaurium tenuiflorum*, *Centrolepis polygyna*, *Centrolepis strigosa* subsp. *rupestris*, *Dianella revoluta*, *Gnephosis drummondii*, *Goodenia* ? *occidentalis*, *Levenhookia stipitata*, *Melaleuca ctenoides*, *Neurachne alopecuroidea*, *Ptilotus drummondii* var. *minor*, *Thysanotus* sp. Twining Wheatbelt (N.H. Brittan 81/29)

Soils and Landforms: on orange brown clay in minor drainage channel

Surface rocks: not present

Outcropping: nor present

Condition: excellent

Area: 1.03 ha

Proportion of survey area: 0.16%

Number of Quadrats: 1

Average species richness: <2 samples in group

Range of species richness: <2 samples in group

Similarity Percentage: <2 samples in group

Representative Photograph



Quadrat IB04

APPENDIX I: SUMMARY OF VEGETATION COMMUNITIES DEFINED IN THE EARL GREY, IRISH BREAKFAST, PRINCE OF WALES AND VAN UDEN PROSPECTS.

Vegetation Community Description

Vegetation map code: MW9

Vegetation community description

Eucalyptus rigidula, *Eucalyptus capillosa* subsp. *capillosa* mid mallee woodland over *Melaleuca acuminata* subsp. *acuminata*, *Melaleuca hamata*, *Melaleuca laxiflora* mid open shrubland over *Grevillea acuaria*, *Cryptandra minutifolia* subsp. *brevistyla*, *Dodonaea bursariifolia* low sparse heathland.

Statistically associated species

Acacia mackeyana, *Allocasuarina acutivalvis* subsp. *acutivalvis*, *Melaleuca johnsonii*, *Santalum acuminatum*, *Westringia cephalantha*

Occasional species:

Acacia deficiens, *Acacia evenulosa*, *Acacia hemiteles*, *Acacia hystrix* subsp. *hystrix*, *Acacia merrallii*, *Acacia yorkkrakinensis* subsp. *acrita*, *Allocasuarina spinosissima*, *Cryptandra minutifolia* subsp. *brevistyla*, *Daviesia argillacea*, *Dodonaea stenozyga*, *Eucalyptus prolixa*, *Eutaxia lasiocalyx* (P2), *Grevillea huegelii*, *Hakea invaginata*, *Melaleuca cliffortioides*, *Melaleuca eleuterostachya*, *Melaleuca pauperiflora* subsp. *fastigiata*, *Olearia muelleri*, *Phebalium tuberculosum*, *Thryptomene kochii*

Soils and Landforms: on brown to red-brown clay loam soils on flats and lower slopes

Surface rocks: not present

Outcropping: not present

Condition: excellent

Area: 24.37 ha

Proportion of survey area: 3.85%

Number of Quadrats: 4

Average species richness: 22.00 ± 2.16 (s.e.m.)

Range of species richness: 19 to 24

Similarity Percentage: 52.28 %

Representative Photograph



Quadrat EG21

APPENDIX I: SUMMARY OF VEGETATION COMMUNITIES DEFINED IN THE EARL GREY, IRISH BREAKFAST, PRINCE OF WALES AND VAN UDEN PROSPECTS.

Vegetation Community Description

Vegetation map code: MW10

Vegetation community description

Eucalyptus rigidula, *Eucalyptus eremophila*, *Eucalyptus flocktoniae* subsp. *flocktoniae* mid mallee woodland over *Melaleuca laxiflora*, *Melaleuca lateriflora*, *Melaleuca hamata* mid open shrubland over *Daviesia argillacea*, *Acacia hystrix* subsp. *hystrix*, *Grevillea acuaria* low sparse heathland.

Statistically associated species

Daviesia benthamii subsp. *acanthoclona*, *Melaleuca acuminata* subsp. *acuminata*, *Melaleuca eleuterostachya*, *Santalum acuminatum*, *Melaleuca pauperiflora* subsp. *fastigiata*

Occasional species:

Acacia evenulosa, *Allocasuarina acutivalvis* subsp. *acutivalvis*, *Allocasuarina spinosissima*, *Astus subroseus*, *Beaufortia puberula*, *Callitris canescens*, *Cryptandra distigma*, *Euryomyrtus maidenii*, *Grevillea huegelii*, *Hakea invaginata*, *Hakea subsulcata*, *Hibbertia exasperata*, *Melaleuca halmaturorum*, *Melaleuca pauperiflora* subsp. *fastigiata*, *Melaleuca spicigera*, *Microcybe multiflora* subsp. *multiflora*, *Olearia muelleri*, *Phebalium megaphyllum*, *Phebalium tuberculosum*, *Thryptomene kochii*.

Soils and Landforms: on yellow to pale orange-brown clay sands with occasional scattered ironstone pebbles on flats

Surface rocks: occasional ironstone pebbles

Outcropping: not present

Condition: excellent

Area: 52.92 ha

Proportion of survey area: 8.36%

Number of Quadrats: 8

Average species richness: 21.63 ± 7.74 (s.e.m.)

Range of species richness: 12 to 36

Similarity Percentage: 49.24 %

Representative Photograph



Quadrat EG05

APPENDIX I: SUMMARY OF VEGETATION COMMUNITIES DEFINED IN THE EARL GREY, IRISH BREAKFAST, PRINCE OF WALES AND VAN UDEN PROSPECTS.

Vegetation Community Description

Vegetation map code: MW11

Vegetation community description

Eucalyptus eremophila, *Eucalyptus incrassata*, *Eucalyptus prolixa* mid mallee woodland over *Melaleuca halmaturorum*, *Melaleuca lateriflora*, *Melaleuca hamata* mid sparse shrubland over *Daviesia scoparia*, *Acacia mackeyana* low sparse heathland.

Statistically associated species

Eucalyptus salubris, *Melaleuca acuminata* subsp. *acuminata*, *Melaleuca eleuterostachya*, *Melaleuca laxiflora*

Occasional species:

Acacia acuminata, *Acacia camptoclada*, *Acacia deficiens*, *Acacia evenulosa*, *Acacia hemiteles*, *Acacia tetraptera*, *Acacia undosa* (P3), *Allocasuarina acutivalvis* subsp. *acutivalvis*, *Beyeria sulcata* var. *brevipes*, *Boronia inornata* subsp. *inornata*, *Daviesia benthamii* subsp. *acanthoclona*, *Eucalyptus flocktoniae* subsp. *flocktoniae*, *Eucalyptus prolixa*, *Eucalyptus salubris*, *Exocarpos aphyllus*, *Grevillea acuaria*, *Grevillea huegelii*, *Hibbertia psilocarpa*, *Leptomeria preissiana*, *Phebalium filifolium*, *Santalum acuminatum*, *Westringia cephalantha* var. *caterva*

Soils and Landforms: grey-brown to orange-brown clay and clay sands on flats and slopes

Surface rocks: not present

Outcropping: not present

Condition: excellent

Area: 165.59 ha

Proportion of survey area: 26.15%

Number of Quadrats: 9

Average species richness: 18.89 ± 3.52 (s.e.m.)

Range of species richness: 14 to 24

Similarity Percentage: 38.03 %

Representative Photograph



Quadrat IB01