		P_4859a_001		P_4859a_002		P_4859a_003		P_4859a_004		P_4859a_005		P_4859a_006		P_4859a_007		P_4859a_008		P_4859a_009		P_4859a_010		P_4859a_011		P_4859a_012		P_4859a_013		P_4859a_014	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Xanthorrhoea glauca	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Zornia dyctiocarpa	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

		P_4859a_015		P_4859a_016		P_4859a_017		P_4859a_018		P_4859a_019		P_4859a_020		P_4859a_021		P_4859a_022		P_4859a_023		P_4859a_024		P_4859a_025		P_4859a_026		P_4859a_027		P_4859a_028	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Acacia buxifolia	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia conferta	SG	0.5	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia crassa subsp. *crassa*	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia decora	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia doratoxylon	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia implexa	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia leucoclada	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia leucolobia	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia linearifolia	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia longifolia	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia paradoxa	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia penninervis	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia spectabilis	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	20	0	0
Acacia spp.	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia stenophylla	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acaena agnipila	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acaena echinate	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acaena novae-zelandiae	FG	0	0	0	0	0	0	0	0	0	0	0	0	0.2	100	0.1	100	0	0	0.1	10	0	0	0	0	0	0	0	0
Acaena spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acetosella vulgaris	HT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Adiantum aethiopicum	EG	0	0	0.2	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Agrostis venusta	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aira cupaniana	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ajuga australis	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allocasuarina gymnanthera	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allocasuarina littoralis	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allocasuarina nana	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Alternanthera pungens	HT	0	0	0	0	0	0	0	0	0	0	0.1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Amaranthus hybridus	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Amaranthus spp.	FG	0	0	0	0	0	0	0.5	50	0.2	20	3	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ammi majus	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Amyema miquelii	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

		P_4859a_015		P_4859a_016		P_4859a_017		P_4859a_018		P_4859a_019		P_4859a_020		P_4859a_021		P_4859a_022		P_4859a_023		P_4859a_024		P_4859a_025		P_4859a_026		P_4859a_027		P_4859a_028	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Amyema spp.	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anagallis arvensis	EX	0	0	0.1	50	0	0	0	0	0	0	0	0	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Angophora floribunda	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anthosachne scabra	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arctotheca calendula	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Argemone ochroleuca	EX	0	0	0	0	0	0	0.1	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aristida personata	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aristida platychaeta	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aristida ramosa	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35	1000
Aristida spp.	GG	5	500	20	2000	0	0	0.5	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aristida vagans	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arthropodium fimbriatum	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arthropodium milleflorum	FG	0	0	0.1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arthropodium sp. B	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arthropodium spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arundinella nepalensis	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Asperula conferta	FG	0	0	0.5	200	0.5	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aster subulatus	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Astroloma humifusum	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Atriplex semibaccata	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Austrostipa aristiglumis	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Austrostipa bigeniculata	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Austrostipa densiflora	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	10	0	0
Austrostipa ramosissima	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Austrostipa scabra	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	500
Austrostipa scabra subsp. *scabra*	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Austrostipa spp.	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Austrostipa verticillata	GG	0	0	0	0	0	0	0	0	0	0	0	0	25	500	2	100	65	500	65	1000	10	1000	5	500	1	500	25	1000
Avena fatua	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	500	0	0	0	0	0	0
Baeckea brevifolia	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Baeckea diosmifolia	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bidens pilosa	HT	0	0	0	0	0.1	2	0	0	0	0	0	0	0	0	0	0	0	0	0.2	100	0.2	50	0	0	0.1	20	0	0
Bidens subalternans	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Billardiera scandens	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Boerhavia dominii	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bossiaea rhombifolia	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bothriochloa macra	GG	0	0	0	0	20	2000	0.1	10	0	0	0.2	10	0.1	10	0	0	0	0	0.1	10	0.1	10	0	0	0	0	0	0
Brachychiton populneus	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brachyloma daphnoides	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brachyscome sieberi	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brassica fruticulosa	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	10	0	0	0	0	0.1	20

		P_4859a_015		P_4859a_016		P_4859a_017		P_4859a_018		P_4859a_019		P_4859a_020		P_4859a_021		P_4859a_022		P_4859a_023		P_4859a_024		P_4859a_025		P_4859a_026		P_4859a_027		P_4859a_028	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Brassica juncea	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	20	0	0	0	0	0	0	0	0	0	0	0	0
Brassica napus	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brassica nigra	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brassica rapa	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	500	0	0
Brassica spp.	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bromus catharticus	EX	7	500	5	1000	0	0	7	100	5	1000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bromus diandrus	HT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bromus hordeaceus	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bursaria spinosa	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caladenia spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Callistemon sieberi	SG	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Callitris endlicheri	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Callitris glaucophylla	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Calochilus robertsonii	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Calotis cuneifolia	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Calotis lappulacea	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	1
Calystegia spp.	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Capsella bursa-pastoris	EX	0	0	0	0	0.1	20	0.1	10	0	0	0.2	50	0.1	10	0.1	20	0.1	50	0	0	0.1	20	0	0	0	0	0	0
Carduus pycnocephalus	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carex appressa	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carex inversa	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carthamus lanatus	HT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	20	0	0	0	0	0	0	0	0
Carthamus spp.	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cassinia aculeata	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cassinia arcuata	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cassinia cunninghamii	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cassinia quinquefaria	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cassytha glabella	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Casuarina cunninghamiana	TG	0	0	0	0	0	0	0	0	0	0	15	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Centaurea calcitrapa	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Centaurea solstitialis	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Centaurium tenuiflorum	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cheilanthes distans	EG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cheilanthes sieberi	EG	0	0	0	0	0.1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cheilanthes sieberi subsp. *sieberi*	EG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chenopodium album	EX	0	0	0.1	2	0	0	0.1	3	0.1	3	0.1	5	0	0	0	0	0	0	0	0	0.2	200	20	1000	0.2	50	0	0
Chenopodium glaucum	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chenopodium pumilio	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	500	0	0	0	0
Chloris truncata	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chloris ventricosa	GG	0	0	0	0	5	200	0	0	0	0	0.5	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chondrilla juncea	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

		P_4859a_015		P_4859a_016		P_4859a_017		P_4859a_018		P_4859a_019		P_4859a_020		P_4859a_021		P_4859a_022		P_4859a_023		P_4859a_024		P_4859a_025		P_4859a_026		P_4859a_027		P_4859a_028	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Chrysocephalum apiculatum	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chrysocephalum semipapposum	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cineraria lyratiformis	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cirsium vulgare	EX	0.2	20	0.1	10	0	0	0	0	0.2	5	0.3	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clematis aristata	OG	0	0	0	0	0	0	0	0	0.1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Convolvulus erubescens	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	1	0	0	0	0	0	0
Conyza bonariensis	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Conyza sumatrensis	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotula australis	FG	0.2	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crassula sieberiana	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cryptandra spp.	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cucumis myriocarpus	EX	0	0	0	0	0.1	2	0	0	0	0	0.5	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cullen tenax	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyclospermum leptophyllum	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cymbonotus lawsonianus	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cymbopogon refractus	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cynodon dactylon	GG	0	0	0	0	0	0	0	0	0	0	7	1000	0	0	25	3000	0	0	0	0	0	0	0	0	0	0	0	0
Cynoglossum australe	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyperus aggregatus	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	500	0	0	0	0	0	0	0.1	10	0	0
Cyperus gracilis	GG	0	0	0.2	50	3.5	1050	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyperus lhotskyanus	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyperus spp.	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dactylis glomerata	EX	0	0	0.3	50	0.1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daucus carota	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	10	0	0	0	0	0	0	0	0
Daucus glochidiatus	FG	0	0	0	0	0	0	0	0	0.2	50	0.1	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Desmodium rhytidophyllum	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	5	0	0	0	0	0	0	0	0
Desmodium varians	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dianella caerulea	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dianella longifolia	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dianella revoluta	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dichanthium sericeum	GG	0	0	0	0	0	0	0	0	0	0	0	0	0.1	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dichelachne micrantha	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dichelachne spp.	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dichondra repens	FG	0.2	100	0.2	300	0.2	50	0	0	0.1	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dichopogon fimbriatus	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Digitaria brownii	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Digitaria diffusa	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Digitaria ramularis	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	500	0	0
Digitaria sanguinalis	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	3000	40	3000	0	0	40	2000
Dillwynia retorta	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dodonaea viscosa	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

		P_4859a_015		P_4859a_016		P_4859a_017		P_4859a_018		P_4859a_019		P_4859a_020		P_4859a_021		P_4859a_022		P_4859a_023		P_4859a_024		P_4859a_025		P_4859a_026		P_4859a_027		P_4859a_028	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Drosera peltata	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drosera spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Echinochloa crus-galli	EX	0	0	0	0	0	0	0	0	0	0	7	1000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Echinopogon caespitosus	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Echinopogon ovatus	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	200	0	0
Echium plantagineum	EX	0	0	0	0	0.1	10	0	0	0	0	0.2	10	0	0	0	0	0	0	0	0	0	0	0.1	20	0.1	10	0	0
Ehrharta erecta	HT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Einadia hastata	FG	0.1	5	0.2	100	0	0	0	0	0.1	5	0	0	0	0	0	0	0	0	0	0	0.1	20	5	1000	0	0	0	0
Einadia nutans	FG	0	0	0.1	20	0.1	15	0	0	0.1	1	0.7	120	0.1	10	0	0	0.1	10	0	0	0	0	5	500	0.1	3	0.1	1
Einadia trigonos	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eleusine tristachya	EX	0	0	0	0	2	200	5	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Elymus scaber	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Entolasia marginata	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Epaltes australis	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eragrostis brownii	GG	0	0	0	0	0.1	1	0	0	0	0	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eragrostis cilianensis	EX	0	0	0	0	0.1	1	0.1	10	0	0	0.1	3	0.3	200	0	0	5	500	0.5	100	10	1000	0	0	10	1000	3	500
Eragrostis curvula	HT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eragrostis leptostachya	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eriochloa pseudoacrotricha	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Erodium cicutarium	EX	0.5	100	0.1	50	1	100	0.1	10	1	500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Erodium crinitum	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	50	0	0	0	0	0	0	0	0	0	0	0.1	3
Erodium moschatum	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus albens	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	6	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus blakelyi	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus crebra	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus dalrympleana	TG	15	10	20	2	0	0	0	0	10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus fibrosa	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus laevopinea	TG	5	2	10	2	0	0	30	1	15	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45	11	0	0
Eucalyptus macrorhyncha	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus mannifera	TG	7	6	1	5	0	0	0	0	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus melliodora	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	1	5	1	0	0	15	4	0	0
Eucalyptus microcarpa	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus moluccana	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus nortonii	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus nubila	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus praecox	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus punctata	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus rossii	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus sideroxylon	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus sparsifolia	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Euchiton involucratus	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

		P_4859a_015		P_4859a_016		P_4859a_017		P_4859a_018		P_4859a_019		P_4859a_020		P_4859a_021		P_4859a_022		P_4859a_023		P_4859a_024		P_4859a_025		P_4859a_026		P_4859a_027		P_4859a_028	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Euchiton sphaericus	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Euphorbia drummondii	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eustrephus latifolius	OG	0.1	1	0.1	5	0	0	0	0	0.1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fimbristylis dichotoma	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Foeniculum vulgare	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gahnia aspera	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Galium aparine	EX	15	200	0	0	0	0	0	0	0.5	700	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Galium australe	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Galium ciliare	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Galium leptogonium	FG	0	0	0	0	0	0	0	0	0.1	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Galium spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geranium homeanum	FG	0.2	50	2	1000	0	0	1	10	2	500	0	0	0	0	0	0	0	0	0.1	10	0	0	0	0	0.1	20	0	0
Geranium molle subsp. molle	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geranium retrorsum	FG	0	0	0	0	0.2	20	1	200	1	500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geranium solanderi	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geranium spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Glossodia major	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Glycine clandestina	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Glycine latifolia	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Glycine tabacina	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2	0	0	0	0	0	0	0	0	0	0
Gomphocarpus fruticosus	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gomphrena celosioides	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gonocarpus teucrioides	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Goodenia bellidifolia	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Goodenia hederacea	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Goodenia hederacea subsp. *hederacaea*	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Goodenia paniculata	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grevillea spp.	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grevillea triternata	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Haloragis aspera	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Haloragis heterophylla	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hardenbergia violacea	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hibbertia acicularis	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hibbertia fasciculata	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hibbertia linearis	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hibbertia obtusifolia	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hirschfeldia incana	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Holcus lanatus	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hordeum leporinum	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hovea linearis	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydrocotyle laxiflora	FG	5	200	1	500	0.2	100	0	0	1	500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	10	0	0

		P_4859a_015		P_4859a_016		P_4859a_017		P_4859a_018		P_4859a_019		P_4859a_020		P_4859a_021		P_4859a_022		P_4859a_023		P_4859a_024		P_4859a_025		P_4859a_026		P_4859a_027		P_4859a_028	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Hydrocotyle tripartita	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hypericum gramineum	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hypericum perforatum	HT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	10	0	0	0	0	0	0	0	0
Hypochaeris radicata	EX	0	0	0.1	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Isolepis spp.	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Joycea pallida	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Juncus spp.	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Juncus usitatus	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kunzea capitata	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lachnagrostis filiformis	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lactuca serriola	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lagenophora stipitata	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lambertia formosa	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Laxmannia gracilis	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lepidium africanum	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	10	0.1	20	0	0	0	0	0	0	0	0
Lepidosperma laterale	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leptospermum polygalifolium	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leucopogon ericoides	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leucopogon juniperinus	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leucopogon lanceolatus	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leucopogon microphyllus	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leucopogon microphyllus var. *microphyllus*	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leucopogon muticus	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lobelia purpurascens	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lolium perenne	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	65	1000	20	1000	0.2	100	5	1000	0	0	0	0	0	0
Lomandra filiformis	GG	0	0	0	0	3	500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lomandra glauca	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lomandra longifolia	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lomandra multiflora	GG	0	0	0.1	5	50	1000	0.1	20	0.2	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lomandra multiflora subsp. *multiflora*	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lomandra spp.	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lomatia spp.	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lotus spp.	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Macrozamia communis	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Macrozamia spp.	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Malva parviflora	EX	0.1	20	0	0	0.1	10	2	20	0.1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	40	1000	0	0	5	100
Marrubium vulgare	EX	0	0	0	0	0	0	0.1	5	0.3	20	0	0	0	0	0	0	0.1	10	0.1	10	0.2	100	0	0	0.1	20	0.1	20
Medicago arabica	EX	0	0	0.1	100	0	0	7	10	0	0	0	0	40	3000	2	200	0.5	1000	5	3000	5	1000	0	0	5	1000	0.2	1000
Medicago spp.	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Melia azedarach	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Melichrus urceolatus	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

		P_4859a_015		P_4859a_016		P_4859a_017		P_4859a_018		P_4859a_019		P_4859a_020		P_4859a_021		P_4859a_022		P_4859a_023		P_4859a_024		P_4859a_025		P_4859a_026		P_4859a_027		P_4859a_028	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Melicytus dentatus	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mentha diemenica	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mentha satureioides	FG	0	0	0	0	0	0	0	0	0	0	0	0	0.2	100	0.1	20	0	0	0.1	10	0	0	0	0	0	0	0	0
Microlaena stipoides	GG	0	0	0.1	50	0.5	100	2	20	5	1000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	20	0	0
Microlaena stipoides var. *stipoides*	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Microtis spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Modiola caroliniana	EX	0	0	0	0	0	0	0	0	0	0	0	0	0.1	10	0.5	100	0.1	50	0.1	10	25	500	0	0	0	0	0	0
Monotoca elliptica	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nassella trichotoma	HT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Neptunia gracilis	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Notelaea microcarpa	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oenothera indecora	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Olearia elliptica	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Olearia viscosa	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Onopordum acanthium subsp. *acanthium*	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Opercularia diphylla	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Opuntia stricta	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Opuntia stricta var. *stricta*	HT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxalis exilis	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxalis perennans	FG	0	0	0.1	20	0.2	100	0	0	0.1	10	0.1	20	0	0	0	0	0	0	0.1	4	0	0	0.2	1000	0	0	0	0
Oxalis pes-caprae	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxytes brachypoda	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ozothamnus spp.	SG	0.3	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pandorea pandorana	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Panicum effusum	GG	0	0	0	0	2	200	0	0	0	0	0	0	0.2	100	0	0	0	0	0	0	0	0	0	0	0.2	100	0	0
Panicum simile	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Panicum spp.	GG	0	0	0	0	0	0	0.1	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paronychia brasiliana	EX	0	0	0	0	0	0	0.1	10	0	0	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paspalidium distans	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paspalidium gracile	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paspalum dilatatum	HT	0	0	0	0	0.1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Patersonia sericea	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Patersonia spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pellaea calidirupium	EG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Persoonia curvifolia	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Persoonia linearis	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Petrorhagia nanteuilii	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phalaris aquatica	EX	0	0	40	2000	0	0	10	1000	0	0	0	0	0	0	0	0	0	0	0	5	200	0	0	0	0	0	0	0
Phebalium obcordatum	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phyllanthus hirtellus	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Physalis ixocarpa	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

		P_4859a_015		P_4859a_016		P_4859a_017		P_4859a_018		P_4859a_019		P_4859a_020		P_4859a_021		P_4859a_022		P_4859a_023		P_4859a_024		P_4859a_025		P_4859a_026		P_4859a_027		P_4859a_028	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Phytolacca octandra	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pimelea curviflora	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pimelea linifolia subsp. *linifolia*	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pimelea strigosa	SG	0	0	0	0	0.1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	1	0	0
Plantago debilis	FG	0	0	0.2	100	0	0	0	0	0	0	0	0	0.1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plantago lanceolata	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	20	0	0	0	0	0	0	0	0
Plantago varia	FG	0	0	0	0	0	0	0	0	0	0	0.2	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poa annua	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poa labillardierei	GG	0	0	0.5	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poa sieberiana	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poa sieberiana var. *sieberiana*	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poa spp.	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Podolepis neglecta	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Polygonum arenastrum	EX	0	0	0	0	1	5	0	0	0	0	0.1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Polygonum aviculare	EX	0	0	0	0	0	0	0.1	10	0	0	0	0	0	0	0	0	0.1	10	0	0	0	0	0	0	0	0	0	0
Polymeria calycina	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pomax umbellata	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poranthera microphylla	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Portulaca oleracea	FG	0	0	0	0	0.2	5	0.1	20	0	0	0.1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pratia concolor	FG	0	0	0	0	0.2	50	10	500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pratia purpurascens	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pteridium esculentum	EG	0	0	0.5	70	0	0	0	0	0.5	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pterostylis spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pultenaea daphnoides	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pultenaea rosmarinifolia	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pultenaea spp.	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ranunculus sessiliflorus	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rosa rubiginosa	HT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rubus anglocandicans	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rubus fruticosus	HT	0.3	2	0.1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rumex acetosella	FG	0	0	0.2	300	0	0	0	0	0.2	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rumex brownii	FG	0.1	5	0.1	20	0	0	10	100	0	0	3	200	0.1	20	0	0	0.1	10	0.1	10	0.1	10	0.1	20	0	0	0.1	10
Rumex crispus	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rytidosperma bipartitum	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rytidosperma caespitosum	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rytidosperma carphoides	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rytidosperma monticola	GG	0	0	0	0	0	0	0	0	0	0	0	0	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rytidosperma penicillatum	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rytidosperma pilosum	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rytidosperma racemosum	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	10	2	500	0	0	0	0	1	500	0	0
Rytidosperma racemosum var. *racemosum*	GG	0	0	0	0	0.1	100	0	0	0	0	0.2	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

		P_4859a_015		P_4859a_016		P_4859a_017		P_4859a_018		P_4859a_019		P_4859a_020		P_4859a_021		P_4859a_022		P_4859a_023		P_4859a_024		P_4859a_025		P_4859a_026		P_4859a_027		P_4859a_028	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Rytidosperma setaceum	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	3	0	0
Rytidosperma spp.	GG	0	0	0	0	10	1000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Salvia reflexa	EX	0	0	0	0	0	0	0	0	0	0	3	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Salvia verbenaca	EX	0	0	0	0	0.1	4	0	0	0	0	5	500	0	0	0	0	0	0	0.1	20	0.1	20	0	0	0	0	0	0
Schenkia australis	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Schkuhria pinnata	EX	0	0	0	0	0	0	0	0	0	0	0	0	0.2	100	0.1	20	0.1	20	0.1	50	0	0	0.1	10	0.2	100	0	0
Schoenus apogon	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Schoenus ericetorum	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Scleranthus annuus	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Senecio bathurstianus	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Senecio madagascariensis	HT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Senecio microbasis	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Senecio quadridentatus	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Senecio spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Setaria parviflora	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sida corrugata	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sida rhombifolia	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sida spinosa	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sida subspicata	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sigesbeckia australiensis	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sigesbeckia orientalis	FG	0	0	0	0	0	0	0.1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Silene gallica	EX	0	0	0	0	0	0	0	0	0	0	0	0	0.1	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Silybum marianum	EX	0.2	20	0	0	0	0	0	0	0.1	1	0.5	50	0.1	25	5	50	2	100	0.2	50	0.2	100	0.2	20	0	0	0	0
Sisymbrium irio	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sisymbrium officinale	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Solanum chenopodioides	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Solanum cinereum	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Solanum nigrum	EX	0.1	20	0	0	0	0	0.1	1	0.5	5	0	0	0	0	0.1	1	0	0	0.1	4	0.1	10	0	0	0	0	0	0
Solanum prinophyllum	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Solanum pseudocapsicum	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Solanum seaforthianum	HT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Solanum sisymbriifolium	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Solanum stelligerum	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Solenogyne bellioides	FG	0	0	0	0	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Solenogyne dominii	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Soliva sessilis	EX	0	0	0	0	0	0	0	0	0	0	0	0	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sonchus oleraceus	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	5	0.1	10	0	0	0	0	0	0	0	0
Sonchus spp.	FG	0	0	0	0	0	0	0.1	50	0.3	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sorghum leiocladum	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sporobolus creber	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	20	0	0	0	0	0	0	0	0	0	0
Stellaria angustifolia	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

		P_4859a_015		P_4859a_016		P_4859a_017		P_4859a_018		P_4859a_019		P_4859a_020		P_4859a_021		P_4859a_022		P_4859a_023		P_4859a_024		P_4859a_025		P_4859a_026		P_4859a_027		P_4859a_028	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Stellaria media	EX	30	1000	2	1000	0.2	5	0.2	200	15	0	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	0.2	200	0	0
Stenotaphrum secundatum	HT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stuartina muelleri	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Styphelia triflora	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	200	0	0
Styphelia tubiflora	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Swainsona galegifolia	FG	0	0	0	0	0.1	1	0	0	0.1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Swainsona spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tagetes minuta	EX	0	0	0	0	0	0	0.1	1	0	0	0	0	0	0	0	0	0	0	0.2	500	0.2	50	0	0	0	0	0	0
Taraxacum officinale	EX	0.2	25	0.1	20	0.1	5	0	0	0.1	2	0.2	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Teucrium betchei	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thelymitra spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Themeda triandra	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tragus australianus	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tribulus terrestris	EX	0	0	0	0	0	0	0	0	0	0	0.1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tricoryne elatior	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	5	0	0
Trifolium angustifolium	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trifolium arvense	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trifolium campestre	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trifolium globosum	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trifolium glomeratum	EX	0	0	0.5	1000	1	50	0	0	0	0	5	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trifolium repens	EX	0.1	20	2	1000	5	500	10	200	1	1000	2	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trifolium spp.	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trifolium subterraneum	EX	0	0	0	0	0.1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Urochloa panicoides	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Urtica dioica	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Urtica incisa	FG	20	500	3	509	0	0	0.2	50	30	0	5	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Urtica urens	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2	0	0	0.1	5
Verbascum thapsus	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Verbena bonariensis	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Veronica plebeia	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vicia hirsuta	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vicia sativa	EX	0.1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Viola betonicifolia	FG	0.1	1	0	0	0	0	0	0	0.1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Viola spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vittadinia cuneata	FG	0	0	0	0	0.1	3	0	0	0	0	0	0	0.1	20	0.1	10	0	0	0	0	0	0	0	0	0.1	5	0	0
Vittadinia gracilis	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vittadinia muelleri	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vittadinia pterochaeta	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vittadinia sulcata	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wahlenbergia communis	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wahlenbergia gracilis	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

		P_4859a_015		P_4859a_016		P_4859a_017		P_4859a_018		P_4859a_019		P_4859a_020		P_4859a_021		P_4859a_022		P_4859a_023		P_4859a_024		P_4859a_025		P_4859a_026		P_4859a_027		P_4859a_028	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Wahlenbergia luteola	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wahlenbergia spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wahlenbergia stricta	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wahlenbergia stricta subsp. *stricta*	FG	0	0	0	0	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wurmbea biglandulosa	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wurmbea dioica	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Xanthium occidentale	EX	0	0	0	0	0	0	0	0	0	0	0.5	20	0.1	20	0.1	20	0.1	50	0	0	0	0	0	0	0	0	0	0
Xanthium spinosum	HT	0	0	0	0	0.1	2	0.1	10	0.1	3	2	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Xanthorrhoea glauca	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Zornia dyctiocarpa	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

		P_4859a_029		P_4859a_030		P_4859a_031		P_4859a_032		P_4859a_033		P_4859a_034		P_4859a_035		P_4859a_036		P_4859a_037		P_4859a_038		P_4859a_039		P_4859a_040		P_4859a_041		P_4859a_042	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Acacia buxifolia	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia conferta	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia crassa subsp. *crassa*	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia decora	SG	0	0	0	0	0	0	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia doratoxylon	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia implexa	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia leucoclada	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	50
Acacia leucolobia	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia linearifolia	TG	0	0	0	0	0	0	0.1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia longifolia	SG	0	0	0	0	0	0	0.1	1	0.1	3	0.1	1	0	0	0.1	2	0.1	2	0	0	0	0	0	0	0	0	0	0
Acacia paradoxa	SG	0	0	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	4	0	0	0	0	0	0
Acacia penninervis	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia spectabilis	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia spp.	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	1	0	0	0	0	0	0
Acacia stenophylla	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acaena agnipila	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	20	0	0	0	0
Acaena echinata	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acaena novae-zelandiae	FG	0	0	0	0	0.1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acaena spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acetosella vulgaris	HT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Adiantum aethiopicum	EG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Agrostis venusta	GG	0	0	0.1	10	0	0	0	0	0.2	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aira cupaniana	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ajuga australis	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

		P_4859a_029		P_4859a_030		P_4859a_031		P_4859a_032		P_4859a_033		P_4859a_034		P_4859a_035		P_4859a_036		P_4859a_037		P_4859a_038		P_4859a_039		P_4859a_040		P_4859a_041		P_4859a_042	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Allocasuarina gymnanthera	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allocasuarina littoralis	TG	0	0	0	0	0	0	0	0	0.2	15	0	0	0	0	0.2	20	0.5	1	0	0	0	0	0	0	0	0	0	0
Allocasuarina nana	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Alternanthera pungens	HT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Amaranthus hybridus	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Amaranthus spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ammi majus	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	25	0.8	500
Amyema miquelii	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.4	5	0	0	0	0	0	0	0	0
Amyema spp.	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	2	0	0	0	0	0	0
Anagallis arvensis	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Angophora floribunda	TG	0	0	0	0	0	0	0	0	0	0	0	0	10	5	0	0	5	1	0	0	0	0	0	0	0	0	0	0
Anthosachne scabra	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arctotheca calendula	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Argemone ochroleuca	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aristida personata	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	200	0	0	0	0	0	0	0	0
Aristida platychaeta	GG	0	0	0	0	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aristida ramosa	GG	0	0	5	2000	25	1000	0.1	10	0	0	0	0	0.2	200	0	0	0.2	200	0	0	0	0	0	0	0	0	0	0
Aristida spp.	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aristida vagans	GG	0	0	0	0	0.2	200	0.1	50	5	1000	5	1000	0	0	0	0	0.1	10	0	0	15	0	40	0	0	0	0	0
Arthropodium fimbriatum	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arthropodium milleflorum	FG	0	0	0.1	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arthropodium sp. B	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arthropodium spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arundinella nepalensis	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Asperula conferta	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.4	200	0	0	2	200	0.1	10	0.2	20
Aster subulatus	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Astroloma humifusum	SG	0	0	0.1	2	0	0	0.1	5	0.1	10	0	0	0	0	0	0	0.1	10	0	0	0	0	0	0	0	0	0	0
Atriplex semibaccata	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Austrostipa aristiglumis	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Austrostipa bigeniculata	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Austrostipa densiflora	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Austrostipa ramosissima	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	50	0	0
Austrostipa scabra	GG	10	500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	50	0	0	0	0	30	1000
Austrostipa scabra subsp. *scabra*	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Austrostipa spp.	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	100	0	0	0	0
Austrostipa verticillata	GG	70	3000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35	1000	0	0	0	0	0	0	20	1000
Avena fatua	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Baeckea brevifolia	SG	0	0	0	0	0	0	0.1	10	0.2	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Baeckea diosmifolia	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bidens pilosa	HT	0.1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	20	0	0	0	0
Bidens subalternans	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

		P_4859a_029		P_4859a_030		P_4859a_031		P_4859a_032		P_4859a_033		P_4859a_034		P_4859a_035		P_4859a_036		P_4859a_037		P_4859a_038		P_4859a_039		P_4859a_040		P_4859a_041		P_4859a_042	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Billardiera scandens	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Boerhavia dominii	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.3	30	0	0	0	0	0.1	10	0	0
Bossiaea rhombifolia	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bothriochloa macra	GG	0	0	0.1	10	10	500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brachychiton populneus	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	1	0	0	3	5
Brachyloma daphnoides	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brachyscome sieberi	FG	0	0	0.5	1000	0.1	5	0.1	5	0.2	100	0.1	10	0	0	0.5	500	0.3	200	0	0	0	0	0	0	0	0	0	0
Brassica fruticulosa	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brassica juncea	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brassica napus	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brassica nigra	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brassica rapa	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brassica spp.	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2	0	0	0	0	0	0
Bromus catharticus	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bromus diandrus	HT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bromus hordeaceus	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bursaria spinosa	SG	0	0	0.1	10	0	0	0.1	1	0.1	4	0.1	1	0	0	0	0	0.1	1	0	0	0	0	0	0	0	0	0	0
Caladenia spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	50	0	0	0	0	0	0
Callistemon sieberi	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Callitris endlicheri	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	20	0	0	0	0	5	2	0	0	0	0	0	0
Callitris glaucophylla	TG	0	0	0	0	0	0	0.1	1	2	1	0	0	2	4	0	0	10	2	0	0	0	0	0	0	0	0	0	0
Calochilus robertsonii	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Calotis cuneifolia	FG	0	0	0	0	0	0	0	0	0.2	100	0	0	0	0	0	0	0.1	10	7	1000	0	0	0	0	0	0	0	0
Calotis lappulacea	FG	0	0	0.1	10	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	2	200	1.1	25	0	0	0.2	16	3	500
Calystegia spp.	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Capsella bursa-pastoris	EX	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	20	0	0	0	0	0	0
Carduus pycnocephalus	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carex appressa	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carex inversa	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	50	0	0	0	0
Carthamus lanatus	HT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carthamus spp.	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	30	0	0	0	0
Cassinia aculeata	SG	0	0	0	0	0	0	0	0	0	0	30	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cassinia arcuata	SG	0	0	50	100	0.2	20	1	10	60	200	0	0	20	25	0	0	0	0	0	0	5	20	0	0	0	0	10	30
Cassinia cunninghamii	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cassinia quinquefaria	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2	0	0	0	0	0	0	0	0	0	0
Cassytha glabella	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Casuarina cunninghamiana	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Centaurea calcitrapa	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Centaurea solstitialis	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35	1000	0	0
Centaurium tenuiflorum	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cheilanthes distans	EG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

		P_4859a_029		P_4859a_030		P_4859a_031		P_4859a_032		P_4859a_033		P_4859a_034		P_4859a_035		P_4859a_036		P_4859a_037		P_4859a_038		P_4859a_039		P_4859a_040		P_4859a_041		P_4859a_042	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Cheilanthes sieberi	EG	0	0	5	2000	0.1	20	0.1	20	5	2000	0.2	200	0.1	20	0.2	500	0.5	200	2	1000	0.5	50	1	50	0	0	0	0
Cheilanthes sieberi subsp. *sieberi*	EG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chenopodium album	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	500
Chenopodium glaucum	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chenopodium pumilio	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chloris truncata	GG	0	0	0	0	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chloris ventricosa	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	1000
Chondrilla juncea	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chrysocephalum apiculatum	FG	0	0	0	0	0	0	0	0	0.1	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chrysocephalum semipapposum	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	500	0	0	0	0	0	0	0	0	0	0
Cineraria lyratiformis	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cirsium vulgare	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	20	0.2	10
Clematis aristata	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Convolvulus erubescens	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	100	0.1	200
Conyza bonariensis	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	1000	0	0	0	0	0	0	3	1000
Conyza sumatrensis	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotula australis	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crassula sieberiana	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	200	0	0	0	0
Cryptandra spp.	SG	0	0	0	0	0	0	0	0	0	0	0.1	2	0	0	0	0	0.1	5	0	0	0	0	0	0	0	0	0	0
Cucumis myriocarpus	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cullen tenax	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyclospermum leptophyllum	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	400	0	0
Cymbonotus lawsonianus	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	100	1	20	0	0	0	0
Cymbopogon refractus	GG	0	0	0.1	20	0	0	0.1	5	0	0	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	200
Cynodon dactylon	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	200	0	0	0	0	0	0	0	0
Cynoglossum australe	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyperus aggregatus	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyperus gracilis	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	200	0	0	0	0	0	0	0	0
Cyperus lhotskyanus	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyperus spp.	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dactylis glomerata	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daucus carota	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daucus glochidiatus	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Desmodium rhytidophyllum	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Desmodium varians	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.3	200	0	0	0	0	0	0	0.1	20
Dianella caerulea	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dianella longifolia	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dianella revoluta	FG	0	0	0.1	20	0	0	0.1	10	0	0	0.1	3	0.1	10	0.1	5	0	0	0	0	0	0	0	0	0	0	0	0
Dichanthium sericeum	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	30	0.2	100
Dichelachne micrantha	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	5	0	0	0	0
Dichelachne spp.	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

		P_4859a_029		P_4859a_030		P_4859a_031		P_4859a_032		P_4859a_033		P_4859a_034		P_4859a_035		P_4859a_036		P_4859a_037		P_4859a_038		P_4859a_039		P_4859a_040		P_4859a_041		P_4859a_042	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Dichondra repens	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1000	0.5	50	0.2	30	0	0	0	0
Dichopogon fimbriatus	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	500
Digitaria brownii	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Digitaria diffusa	GG	0	0	0	0	0	0	0.1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Digitaria ramularis	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Digitaria sanguinalis	EX	0	0	0	0	15	1000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dillwynia retorta	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	3	2	50	0	0	0	0	0	0	0	0	0	0
Dodonaea viscosa	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drosera peltata	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drosera spp.	FG	0	0	0	0	0	0	0	0	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Echinochloa crus-galli	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Echinopogon caespitosus	GG	0	0	0	0	0	0	0	0	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Echinopogon ovatus	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2	0	0	0	0	0	0
Echium plantagineum	EX	0	0	0	0	0.2	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ehrharta erecta	HT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Einadia hastata	FG	0.1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	1	0	0	0	0	0	0
Einadia nutans	FG	0	0	0.1	20	0.1	20	0	0	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	50
Einadia trigonos	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.1	1001	0	0	0	0	0	0	5	1000
Eleusine tristachya	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Elymus scaber	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.3	100
Entolasia marginata	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Epaltes australis	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0
Eragrostis brownii	GG	0	0	0.1	20	0	0	0	0	0.5	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eragrostis cilianensis	EX	10	500	0	0	5	500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eragrostis curvula	HT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	15	15	1000
Eragrostis leptostachya	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eriochloa pseudoacrotricha	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.3	200
Erodium cicutarium	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Erodium crinitum	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Erodium moschatum	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus albens	TG	0	0	0.5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0	10	1	0	0	0	0
Eucalyptus blakelyi	TG	0	0	25	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus crebra	TG	0	0	1	1	0	0	5	2	30	15	30	14	0	0	0	0	15	17	0	0	15	0	0	0	0	0	0	0
Eucalyptus dalrympleana	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus fibrosa	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus laevopinea	TG	0	0	0	0	0	0	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus macrorhyncha	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus mannifera	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus melliodora	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	3	0	0	0	0	0	0	40	20
Eucalyptus microcarpa	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0
Eucalyptus moluccana	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

		P_4859a_029		P_4859a_030		P_4859a_031		P_4859a_032		P_4859a_033		P_4859a_034		P_4859a_035		P_4859a_036		P_4859a_037		P_4859a_038		P_4859a_039		P_4859a_040		P_4859a_041		P_4859a_042	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Eucalyptus nortonii	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus nubila	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	6	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus praecox	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus punctata	TG	0	0	0	0	0	0	0	0	0	0	0	0	30	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus rossii	TG	0	0	0	0	0	0	30	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus sideroxylon	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus sparsifolia	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Euchiton involucratus	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	5	0	0	0	0	0	0	0.9	100
Euchiton sphaericus	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	100	0	0
Euphorbia drummondii	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eustrephus latifolius	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fimbristylis dichotoma	GG	0	0	0.1	20	0	0	0.1	10	0	0	0	0	0	0	0	0	0.1	3	0	0	0	0	0	0	0	0	0	0
Foeniculum vulgare	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.3	500
Gahnia aspera	GG	0	0	10	50	0.1	1	0.1	2	0.1	10	0.1	1	0	0	0	0	0.1	3	0	0	0.1	1	0	0	0	0	0	0
Galium aparine	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Galium australe	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Galium ciliare	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Galium leptogonium	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Galium spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2	0	0	0	0	0	0	0	0	0	0
Geranium homeanum	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	1000	0	0	0	0	0	0	0	0
Geranium molle subsp. molle	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geranium retrorsum	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geranium solanderi	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	1000	0	0	0	0	0.2	100	0	0
Geranium spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	40	0	0	0	0
Glossodia major	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Glycine clandestina	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	10
Glycine latifolia	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Glycine tabacina	OG	0	0	0	0	0	0	0	0	0.1	1	0	0	0	0	0	0	0	0	0.2	1000	0	0	0	0	0	0	0	0
Gomphocarpus fruticosus	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gomphrena celosioides	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	10	0	0	0	0
Gonocarpus teucrioides	FG	0	0	0	0	0	0	0.1	10	0.1	20	0	0	0	0	0.1	10	0.2	100	0	0	0	0	0	0	0	0	0	0
Goodenia bellidifolia	FG	0	0	0	0	0	0	0.1	10	0.1	50	0.2	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Goodenia hederacea	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Goodenia hederacea subsp. *hederacaea*	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Goodenia paniculata	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grevillea spp.	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grevillea triternata	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2	0	0	0	0	0	0	0	0	0	0
Haloragis aspera	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Haloragis heterophylla	FG	0	0	0.1	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hardenbergia violacea	OG	0	0	0	0	0	0	0.1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hibbertia acicularis	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

		P_4859a_029		P_4859a_030		P_4859a_031		P_4859a_032		P_4859a_033		P_4859a_034		P_4859a_035		P_4859a_036		P_4859a_037		P_4859a_038		P_4859a_039		P_4859a_040		P_4859a_041		P_4859a_042	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Hibbertia fasciculata	SG	0	0	0	0	0	0	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hibbertia linearis	SG	0	0	0	0	0	0	0.1	20	0.1	10	0.1	10	0.1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hibbertia obtusifolia	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	2	0	0	0	0	0	0
Hirschfeldia incana	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Holcus lanatus	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hordeum leporinum	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hovea linearis	FG	0	0	0	0	0	0	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydrocotyle laxiflora	FG	0	0	0.1	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	1000	1	100	10	0	0	0	0	0
Hydrocotyle tripartita	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	100	0	0	0	0	0	0
Hypericum gramineum	FG	0	0	0	0	0	0	0	0	0.1	5	0	0	0	0	0	0	0	0	0	0	0	0	0.1	1	0	0	0	0
Hypericum perforatum	HT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hypochaeris radicata	EX	0	0	0.1	20	0.2	100	0.1	10	0	0	0	0	0	0	0.1	20	0	0	0	0	10	0	0	0	0	0	0	0
Isolepis spp.	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	100	2	100	0	0	0	0
Joycea pallida	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Juncus spp.	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Juncus usitatus	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kunzea capitata	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lachnagrostis filiformis	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lactuca serriola	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	3	0	0
Lagenophora stipitata	FG	0	0	0.5	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lambertia formosa	SG	0	0	0	0	0	0	0	0	0.1	1	0	0	0.1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Laxmannia gracilis	FG	0	0	0	0	0	0	0.2	200	0.1	20	0	0	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lepidium africanum	EX	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	200	0	0	0	0	0	0	0.1	1
Lepidosperma laterale	GG	0	0	0	0	0	0	0	0	0.2	50	0	0	0.1	10	0.1	5	0.1	20	0	0	0	0	0	0	0	0	0	0
Leptospermum polygalifolium	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leucopogon ericoides	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leucopogon juniperinus	SG	0	0	0	0	0	0	0	0	0.1	20	0.1	10	5	50	0.1	2	0	0	0	0	0	0	0	0	0	0	0	0
Leucopogon lanceolatus	SG	0	0	0	0	0	0	0.1	2	0.1	5	0	0	10	50	0.1	10	0.1	1	0	0	0	0	0	0	0	0	0	0
Leucopogon microphyllus	SG	0	0	0	0	0	0	0	0	0	0	0	0	3	100	0.1	1	0.1	3	0	0	0	0	0	0	0	0	0	0
Leucopogon microphyllus var. *microphyllus*	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leucopogon muticus	SG	0	0	0.1	1	0	0	1	50	0	0	0.1	3	0	0	0	0	0.2	100	0	0	0	0	0	0	0	0	0	0
Lobelia purpurascens	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lolium perenne	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lomandra filiformis	GG	0	0	0.1	10	0	0	1	200	0	0	1	200	0.1	20	0.1	20	0	0	0	0	0	0	0	0	0	0	0	0
Lomandra glauca	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lomandra longifolia	GG	0	0	0.1	10	0	0	0	0	0.2	100	0	0	0	0	0.1	5	0	0	0	0	0	0	0	0	0	0	0	0
Lomandra multiflora	GG	0	0	0	0	0	0	0.2	50	2	2000	0.2	100	0.2	50	0	0	0.1	20	0	0	0.1	5	0	0	0	0	0	0
Lomandra multiflora subsp. *multiflora*	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10.1	1	0	0	0	0
Lomandra spp.	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	5	0	0	0	0	0	0
Lomatia spp.	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lotus spp.	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	1	0	0	0	0

		P_4859a_029		P_4859a_030		P_4859a_031		P_4859a_032		P_4859a_033		P_4859a_034		P_4859a_035		P_4859a_036		P_4859a_037		P_4859a_038		P_4859a_039		P_4859a_040		P_4859a_041		P_4859a_042	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Macrozamia communis	OG	0	0	0	0	0	0	0	0	0	0	0	0	0.1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Macrozamia spp.	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2	0.1	3	0	0	0	0	0	0	0	0	0	0
Malva parviflora	EX	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Marrubium vulgare	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	20	0	0	0	0	0	0	0	0
Medicago arabica	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicago spp.	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	10	0	0	0	0	0	0
Melia azedarach	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Melichrus urceolatus	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Melicytus dentatus	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mentha diemenica	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	100	0	0	0	0
Mentha satureioides	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	50	0	0
Microlaena stipoides	GG	0	0	0.1	20	0.2	100	5	1000	20	1000	5	1000	0.2	200	0.1	20	0.2	500	0	0	30	0	0	0	0	0	0	0
Microlaena stipoides var. *stipoides*	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Microtis spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Modiola caroliniana	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Monotoca elliptica	SG	0	0	0	0	0	0	0.1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nassella trichotoma	HT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Neptunia gracilis	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Notelaea microcarpa	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oenothera indecora	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.4	15	0	0	0	0	0	0	0	0
Olearia elliptica	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Olearia viscosa	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Onopordum acanthium subsp. *acanthium*	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Opercularia diphylla	FG	0	0	0	0	0	0	0.1	10	0.5	500	0.1	10	0.1	5	0	0	0.1	5	0	0	0	0	0	0	0	0	0	0
Opuntia stricta	EX	0	0	0.1	1	0.1	1	0.1	1	0.1	1	0.1	1	0	0	0	0	0	0	0	0	0.2	1	0.2	1	0	0	0	0
Opuntia stricta var. *stricta*	HT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	5	0	0	0	0	0	0	0	0
Oxalis exilis	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	20	0	0	0	0	0	0
Oxalis perennans	FG	0	0	0.1	20	0	0	0	0	0.1	10	0.1	10	0	0	0	0	0	0	1.5	1200	0	0	0	0	0	0	0.1	100
Oxalis pes-caprae	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxytes brachypoda	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ozothamnus spp.	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pandorea pandorana	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Panicum effusum	GG	0	0	0	0	10	500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Panicum simile	GG	0	0	0.1	10	0	0	0	0	0.1	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Panicum spp.	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paronychia brasiliana	EX	0	0	0	0	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paspalidium distans	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paspalidium gracile	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	10	0	0	0	0	0	0	0	0
Paspalum dilatatum	HT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	800	0	0
Patersonia sericea	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Patersonia spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0.1	10	0	0	0.1	1	0	0	0	0	0	0	0	0	0	0

		P_4859a_029		P_4859a_030		P_4859a_031		P_4859a_032		P_4859a_033		P_4859a_034		P_4859a_035		P_4859a_036		P_4859a_037		P_4859a_038		P_4859a_039		P_4859a_040		P_4859a_041		P_4859a_042	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Pellaea calidirupium	EG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Persoonia curvifolia	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Persoonia linearis	SG	0	0	0	0	0	0	0.1	1	0.1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Petrorhagia nanteuilii	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	500	0	0	0	0	0	0	2	1000
Phalaris aquatica	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phebalium obcordatum	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phyllanthus hirtellus	SG	0	0	0	0	0	0	0.2	100	0.2	200	0.1	10	0	0	0	0	0.1	20	0	0	0	0	0	0	0	0	0	0
Physalis ixocarpa	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phytolacca octandra	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pimelea curviflora	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pimelea linifolia subsp. *linifolia*	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pimelea strigosa	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plantago debilis	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	20	0.1	10	0	0	0	0	0	0	0	0	0.7	20
Plantago lanceolata	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	1000	3	500
Plantago varia	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poa annua	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poa labillardierei	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poa sieberiana	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poa sieberiana var. *sieberiana*	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poa spp.	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Podolepis neglecta	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Polygonum arenastrum	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Polygonum aviculare	EX	0.1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	10	0	0
Polymeria calycina	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pomax umbellata	FG	0	0	0	0	0	0	0.2	200	0.5	1000	0.2	100	0.1	50	35	3000	15	3000	0	0	0	0	0	0	0	0	0	0
Poranthera microphylla	FG	0	0	0.1	10	0	0	0.1	10	0.1	20	0.1	10	0	0	0.3	500	0.3	1000	0	0	0.1	20	0	0	0	0	0	0
Portulaca oleracea	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pratia concolor	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pratia purpurascens	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pteridium esculentum	EG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pterostylis spp.	FG	0	0	0.2	11	0	0	0.1	10	0	0	0	0	0.1	20	0	0	0.1	50	0	0	0.1	1	0	0	0	0	0	0
Pultenaea daphnoides	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2	0	0	0	0	0	0	0	0	0	0
Pultenaea rosmarinifolia	SG	0	0	0	0	0	0	0	0	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pultenaea spp.	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ranunculus sessiliflorus	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	100	0	0	0	0	0	0
Rosa rubiginosa	HT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rubus anglocandicans	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rubus fruticosus	HT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rumex acetosella	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rumex brownii	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	20	0	0	0	0	0.1	10	0	0
Rumex crispus	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	1	0	0	0.1	10	0	0

		P_4859a_029		P_4859a_030		P_4859a_031		P_4859a_032		P_4859a_033		P_4859a_034		P_4859a_035		P_4859a_036		P_4859a_037		P_4859a_038		P_4859a_039		P_4859a_040		P_4859a_041		P_4859a_042	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Rytidosperma bipartitum	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	100
Rytidosperma caespitosum	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rytidosperma carphoides	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rytidosperma monticola	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rytidosperma penicillatum	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rytidosperma pilosum	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rytidosperma racemosum	GG	0	0	0.1	20	0	0	0	0	0.3	200	2	200	0.1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rytidosperma racemosum var. *racemosum*	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rytidosperma setaceum	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rytidosperma spp.	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	100	0	0	0	0
Salvia reflexa	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Salvia verbenaca	EX	0.1	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Schenkia australis	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	10	0	0	0	0	0	0	0	0
Schkuhria pinnata	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Schoenus apogon	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Schoenus ericetorum	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Scleranthus annuus	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Senecio bathurstianus	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Senecio madagascariensis	HT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	20	0	0	0	0	0	0
Senecio microbasis	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Senecio quadridentatus	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Senecio spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Setaria parviflora	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	30
Sida corrugata	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.3	100	0	0	0	0	0	0	0	0
Sida rhombifolia	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	20	0	0
Sida spinosa	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	50	0	0
Sida subspicata	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	20	0	0	0	0	0	0	0	0
Sigesbeckia australiensis	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sigesbeckia orientalis	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Silene gallica	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Silybum marianum	EX	0	0	0.1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	10	0	0	0	0
Sisymbrium irio	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sisymbrium officinale	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Solanum chenopodioides	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Solanum cinereum	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	3	0	0	0	0	0	0
Solanum nigrum	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	500	0	0	0	0	0	0	1	200
Solanum prinophyllum	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Solanum pseudocapsicum	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Solanum seaforthianum	HT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.3	300	0.4	200
Solanum sisymbriifolium	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	100	0	0	0	0	0	0	0	0
Solanum stelligerum	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

		P_4859a_029		P_4859a_030		P_4859a_031		P_4859a_032		P_4859a_033		P_4859a_034		P_4859a_035		P_4859a_036		P_4859a_037		P_4859a_038		P_4859a_039		P_4859a_040		P_4859a_041		P_4859a_042	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Solenogyne bellioides	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Solenogyne dominii	FG	0	0	0.5	1000	0	0	0.2	200	0.1	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Soliva sessilis	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sonchus oleraceus	EX	0	0	0.1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	5	0.1	10	0	0	0	0
Sonchus spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sorghum leiocladum	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sporobolus creber	GG	0	0	0.1	2	25	1000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	200
Stellaria angustifolia	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	200	0	0	0	0	0	0
Stellaria media	EX	0	0	0.1	10	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stenotaphrum secundatum	HT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	200	0	0	0	0	0	0	0	0
Stuartina muelleri	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	200	0	0	0	0	0	0
Styphelia triflora	SG	0	0	0.1	2	0	0	1	10	0.1	5	0.1	2	0.1	5	0	0	1	20	0	0	0	0	0	0	0	0	0	0
Styphelia tubiflora	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Swainsona galegifolia	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	10	0	0	0	0
Swainsona spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tagetes minuta	EX	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Taraxacum officinale	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	10	0	0	0	0	0	0	0	0
Teucrium betchei	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thelymitra spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Themeda triandra	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tragus australianus	GG	0	0	0	0	0.2	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tribulus terrestris	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tricoryne elatior	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trifolium angustifolium	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	100	0	0	0	0
Trifolium arvense	EX	0.2	1000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.4	50	0	0
Trifolium campestre	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trifolium globosum	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trifolium glomeratum	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trifolium repens	EX	0	0	0	0	0.1	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	40	5	100	0.2	20	0	0
Trifolium spp.	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trifolium subterraneum	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Urochloa panicoides	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Urtica dioica	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Urtica incisa	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	100	0	0	0	0	0	0	0	0
Urtica urens	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Verbascum thapsus	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Verbena bonariensis	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2
Veronica plebeia	FG	0	0	0.2	100	0	0	0.1	10	0	0	0	0	0	0	0	0	0.1	10	0	0	0	0	0	0	0	0	0	0
Vicia hirsuta	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vicia sativa	EX	0.1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Viola betonicifolia	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

		P_4859a_029		P_4859a_030		P_4859a_031		P_4859a_032		P_4859a_033		P_4859a_034		P_4859a_035		P_4859a_036		P_4859a_037		P_4859a_038		P_4859a_039		P_4859a_040		P_4859a_041		P_4859a_042	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Viola spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vittadinia cuneata	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vittadinia gracilis	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vittadinia muelleri	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vittadinia pterochaeta	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vittadinia sulcata	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	20
Wahlenbergia communis	FG	0	0	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wahlenbergia gracilis	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	50
Wahlenbergia luteola	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wahlenbergia spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	1	0	0	0	0	0	0
Wahlenbergia stricta	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wahlenbergia stricta subsp. *stricta*	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wurmbea biglandulosa	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	30	0	0	0	0
Wurmbea dioica	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Xanthium occidentale	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Xanthium spinosum	HT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Xanthorrhoea glauca	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Zornia dyctiocarpa	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

		P_4859a_043		P_4859a_044		P_4859a_045		P_4859a_046		P_4859a_047		P_4859a_048		P_4859a_049		P_4859a_050		P_4859a_051		P_4859a_052		P_4859a_053		P_4859a_054		P_4859a_055		P_4859a_056	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Acacia buxifolia	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia conferta	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia crassa subsp. *crassa*	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia decora	SG	0	0	0	0	0	0	0.1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia doratoxylon	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia implexa	SG	0	0	0	0	0	0	0.4	5	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia leucoclada	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia leucolobia	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia linearifolia	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia longifolia	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia paradoxa	SG	0	0	0	0	0	0	0.1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia penninervis	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia spectabilis	SG	0	0	0	0	0	0	0	0	0	0	0.1	10	0.2	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia spp.	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia stenophylla	TG	0	0	0	0	0	0	0	0	0.4	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	1	0.5	1
Acaena agnipila	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	250	0	0	0	0	0	0	0	0	0	0	0	0
Acaena echinata	FG	0	0	0	0	0	0	0	0	3	10000	0	0	0	0	0	0	0.1	10	0	0	0	0	0	0	0.1	50	0.2	200
Acaena novae-zelandiae	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	10	0	0	0	0
Acaena spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	50	0	0	0	0	0	0	0	0
Acetosella vulgaris	HT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

		P_4859a_043		P_4859a_044		P_4859a_045		P_4859a_046		P_4859a_047		P_4859a_048		P_4859a_049		P_4859a_050		P_4859a_051		P_4859a_052		P_4859a_053		P_4859a_054		P_4859a_055		P_4859a_056	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Adiantum aethiopicum	EG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Agrostis venusta	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aira cupaniana	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ajuga australis	FG	0	0	0.1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allocasuarina gymnanthera	SG	0	0	0	0	0	0	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allocasuarina littoralis	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allocasuarina nana	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Alternanthera pungens	HT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	400	0	0	0	0	0	0
Amaranthus hybridus	EX	0.1	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Amaranthus spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ammi majus	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Amyema miquelii	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Amyema spp.	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anagallis arvensis	EX	0.2	50	0	0	0	0	0	0	0	0	0	0	0	0	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0
Angophora floribunda	TG	0	0	0	0	5	1	0	0	0	0	0	0	3	1	0	0	15	1	0	0	0	0	0	0	20	8	0	0
Anthosachne scabra	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1000	0	0	0	0	0	0	0	0	0	0	0	0
Arctotheca calendula	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Argemone ochroleuca	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aristida personata	GG	0	0	35	1000	7	2000	0.1	50	3	1000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aristida platychaeta	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aristida ramosa	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aristida spp.	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aristida vagans	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arthropodium fimbriatum	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	20	0	0	0	0
Arthropodium milleflorum	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arthropodium sp. B	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	1	0	0	2	50	0	0	0	0	0.1	10	0.3	100
Arthropodium spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2	0	0	0	0	0	0	0	0	0	0	0	0
Arundinella nepalensis	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Asperula conferta	FG	0	0	0	0	2	1000	0	0	0	0	0	0	0	0	0.5	100	0	0	0.5	50	5	1000	0.5	200	0.1	50	0.6	50
Aster subulatus	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Astroloma humifusum	SG	0	0	0.1	1	0	0	0	0	0.5	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Atriplex semibaccata	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Austrostipa aristiglumis	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Austrostipa bigeniculata	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Austrostipa densiflora	GG	0	0	0	0	0	0	0	0	0	0	0	0	0.3	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Austrostipa ramosissima	GG	0	0	0	0	0	0	1	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Austrostipa scabra	GG	0	0	10	500	20	2000	0	0	10	1000	0.2	50	1	1000	0	0	0	0	25	2000	15	2000	5	500	0	0	0	0
Austrostipa scabra subsp. *scabra*	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Austrostipa spp.	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Austrostipa verticillata	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Avena fatua	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Baeckea brevifolia	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Baeckea diosmifolia	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bidens pilosa	HT	0.1	20	0	0	0	0	0	0	0	0	0	0	0	0	0.2	100	0.1	20	0.1	10	0	0	25	500	1	300	5	200
Bidens subalternans	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Billardiera scandens	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Boerhavia dominii	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	700	0	0	0	0	0	0
Bossiaea rhombifolia	SG	0	0	0	0	0	0	0	0	0.2	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bothriochloa macra	GG	0	0	0	0	0.5	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brachychiton populneus	TG	0	0	0	0	0	0	5	3	0	0	0	0	0	0	0.1	1	0	0	0.1	10	0	0	0	0	0	0	0.1	1

		P_4859a_043		P_4859a_044		P_4859a_045		P_4859a_046		P_4859a_047		P_4859a_048		P_4859a_049		P_4859a_050		P_4859a_051		P_4859a_052		P_4859a_053		P_4859a_054		P_4859a_055		P_4859a_056	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Brachyloma daphnoides	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brachyscome sieberi	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brassica fruticulosa	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brassica juncea	EX	0	0	0	0	0	0	0	0	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brassica napus	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brassica nigra	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brassica rapa	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brassica spp.	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bromus catharticus	EX	10	300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	50
Bromus diandrus	HT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	200	0	0	1	200	0	0	0	0	0	0	0	0
Bromus hordeaceus	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	2000	0	0	0	0	0	0	0	0
Bursaria spinosa	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caladenia spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Callistemon sieberi	SG	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Callitris endlicheri	TG	0	0	0	0	0	0	0	0	0	0	40	50	35	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Callitris glaucophylla	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Calochilus robertsonii	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Calotis cuneifolia	FG	0	0	0.2	200	5	1000	0	0	0.2	100	0.2	50	0	0	0	0	0	0	0.1	2	0	0	0	0	0	0	0	0
Calotis lappulacea	FG	0	0	3	50	6	500	4	100	0	0	0	0	0	0	0	0	0	0	0	0	0.1	1	1	50	0	0	0	0
Calystegia spp.	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Capsella bursa-pastoris	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carduus pycnocephalus	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carex appressa	GG	0	0	0	0	0.2	500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carex inversa	GG	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	500	0	0	0	0	0.2	50	0	0
Carthamus lanatus	HT	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	0.2	5	10	200	0.4	20	3	200	0	0	1	50	0.1	10
Carthamus spp.	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cassinia aculeata	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cassinia arcuata	SG	0	0	0.1	10	0	0	0.2	30	10	50	1	30	1	300	0	0	0	0	0	0	0	0	0	0	0.2	1	2	5
Cassinia cunninghamii	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	5	0	0
Cassinia quinquefaria	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cassytha glabella	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Casuarina cunninghamiana	TG	35	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Centaurea calcitrapa	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	1	0	0	0	0	0	0	0	0	0	0	0	0
Centaurea solstitialis	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Centaurium tenuiflorum	EX	0	0	0	0	0.1	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cheilanthes distans	EG	0	0	0	0	0.2	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	50	0	0
Cheilanthes sieberi	EG	0	0	0.1	200	2	500	0	0	1	1000	0.1	10	0.4	500	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cheilanthes sieberi subsp. *sieberi*	EG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chenopodium album	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chenopodium glaucum	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chenopodium pumilio	FG	0	0	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	0.1	30	0	0	0.5	50	0	0	0	0	0	0
Chloris truncata	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chloris ventricosa	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chondrilla juncea	EX	0	0	0	0	0.2	200	0	0	0	0	0	0	0	0	0	0	0.1	1	0	0	0	0	0	0	0	0	0	0
Chrysocephalum apiculatum	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chrysocephalum semipapposum	FG	0	0	0.3	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cineraria lyratiformis	EX	0	0	0.1	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cirsium vulgare	EX	0.5	30	0	0	0	0	0.1	1	0	0	0	0	0	0	0.3	25	0.2	20	0.2	20	0	0	0.2	10	0.1	5	0.1	10
Clematis aristata	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2	0	0	0	0	0	0	0	0
Convolvulus erubescens	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

		P_4859a_043		P_4859a_044		P_4859a_045		P_4859a_046		P_4859a_047		P_4859a_048		P_4859a_049		P_4859a_050		P_4859a_051		P_4859a_052		P_4859a_053		P_4859a_054		P_4859a_055		P_4859a_056	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Conyza bonariensis	EX	0.2	30	5	50	3.1	2020	0	0	0.1	10	0	0	0.3	70	0	0	0.1	5	0.1	20	0	0	0.1	200	0.1	20	0.2	20
Conyza sumatrensis	EX	0	0	1	100	0.5	15	0.1	20	0.1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotula australis	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crassula sieberiana	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cryptandra spp.	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cucumis myriocarpus	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cullen tenax	FG	0	0	0	0	0.1	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyclospermum leptophyllum	EX	0.1	30	0.1	10	2	500	0	0	0	0	0	0	0	0	0.4	100	0	0	0.1	20	0	0	0	0	0	0	0	0
Cymbonotus lawsonianus	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cymbopogon refractus	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	300	0.2	200
Cynodon dactylon	GG	0.3	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	200	0	0	0	0	0	0
Cynoglossum australe	FG	0	0	0.1	10	0	0	0	20	0	0	0	0	0	0	0	0	0.1	10	0.1	10	0	0	0	0	0.1	10	0.1	10
Cyperus aggregatus	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyperus gracilis	GG	0	0	0.1	10	0.3	200	0.1	5	0	0	0	0	0	0	0.5	200	0	0	0	0	10	2000	0.5	20	0	0	1	200
Cyperus lhotskyanus	GG	0	0	0	0	0.2	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyperus spp.	GG	0	0	0	0	0.1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dactylis glomerata	EX	10	100	0	0	0	0	0	0	0	0	0	0	0	0	2.4	700	0	0	0	0	0	0	0	0	0	0	0	0
Daucus carota	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daucus glochidiatus	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Desmodium rhytidophyllum	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Desmodium varians	OG	0	0	0	0	0	0	0	0	0.5	1000	0	0	0	0	0	0	0.1	10	0	0	0	0	0	0	0	0	0	0
Dianella caerulea	FG	0	0	0	0	0	0	0	0	7	500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dianella longifolia	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dianella revoluta	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dichanthium sericeum	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	100	0	0	3	700	1	50	0.2	50
Dichelachne micrantha	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dichelachne spp.	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dichondra repens	FG	0.1	100	0.2	500	0	0	1	500	2	1000	0	0	0	0	0	0	0.3	500	0	0	0	0	0.5	200	0.1	100	1	300
Dichopogon fimbriatus	FG	0	0	0.1	100	2	2000	0.1	20	0	0	0	0	0	0	0.1	1	0	0	0	0	0	0	0	0	0	0	0	0
Digitaria brownii	GG	0	0	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Digitaria diffusa	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Digitaria ramularis	GG	0	0	0	0	0	0	0	0	0	0	0	0	0.9	600	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Digitaria sanguinalis	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dillwynia retorta	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dodonaea viscosa	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	20	0.5	4
Drosera peltata	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drosera spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Echinochloa crus-galli	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Echinopogon caespitosus	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Echinopogon ovatus	GG	0	0	0	0	0.1	10	0	0	0	0	0	0	3	500	0	0	0	0	3	250	0	0	0	0	0.2	30	0	0
Echium plantagineum	EX	0.1	10	0	0	0.3	50	0	0	0	0	0	0	0	0	0.1	10	0.1	10	0.5	10	3	75	0	0	0	0	0	0
Ehrharta erecta	HT	40	800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Einadia hastata	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Einadia nutans	FG	0	0	0.1	10	0	0	0.1	10	0	0	0	0	0	0	0.1	50	0	0	0.1	20	0.2	200	0.3	200	0	0	0	0
Einadia trigonos	FG	0.1	15	0.1	10	0	0	0.3	30	0	0	0	0	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eleusine tristachya	EX	0.1	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	5	20	2000	0	0	0	0	0	0
Elymus scaber	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	15	0	0	0	0	0	0	0	0	0	0
Entolasia marginata	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Epaltes australis	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eragrostis brownii	GG	0	0	0.3	200	4	5000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.3	200	0	0	0	0	0	0

		P_4859a_043		P_4859a_044		P_4859a_045		P_4859a_046		P_4859a_047		P_4859a_048		P_4859a_049		P_4859a_050		P_4859a_051		P_4859a_052		P_4859a_053		P_4859a_054		P_4859a_055		P_4859a_056	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Eragrostis cilianensis	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	500	0	0	0	0	0	0
Eragrostis curvula	HT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	30	0	0
Eragrostis leptostachya	GG	0	0	0	0	6	1000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eriochloa pseudoacrotricha	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Erodium cicutarium	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Erodium crinitum	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Erodium moschatum	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus albens	TG	0	0	0	0	0	0	15	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	70	20	0	0	0	0
Eucalyptus blakelyi	TG	0	0	0.2	1	3	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus crebra	TG	0	0	0	0	0	0	0	0	0	0	20	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus dalrympleana	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus fibrosa	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus laevopinea	TG	0	0	0	0	0	0	0	0	0	0	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus macrorhyncha	TG	0	0	0	0	0	0	0	0	10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus mannifera	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus melliodora	TG	0	0	0.5	3	0.2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus microcarpa	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus moluccana	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus nortonii	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45	3	0	0	50	10	0	0	0	0	0	0	55	15
Eucalyptus nubila	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus praecox	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus punctata	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus rossii	TG	0	0	0	0	0	0	0	0	0	0	0	0	15	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus sideroxylon	TG	0	0	0	0	0	0	0	0	5	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus sparsifolia	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Euchiton involucratus	FG	0	0	0	0	1	500	0	0	0.1	10	0	0	0	0	0.2	100	0	0	0.1	10	0	0	0.4	50	0	0	0.2	40
Euchiton sphaericus	FG	0	0	0.1	20	0	0	0.1	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	15	0	0
Euphorbia drummondii	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	5	0	0	0	0	0	0	0.1	20	0	0
Eustrephus latifolius	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fimbristylis dichotoma	GG	0	0	0.1	10	0.9	500	0	0	0	0	2	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Foeniculum vulgare	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gahnia aspera	GG	0	0	0	0	1	1000	0	0	0	0	0	0	15	1000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Galium aparine	EX	0.1	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Galium australe	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Galium ciliare	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Galium leptogonium	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Galium spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geranium homeanum	FG	0	0	0	0	0.4	500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geranium molle subsp. molle	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geranium retrorsum	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geranium solanderi	FG	0.3	50	0.1	30	0.4	500	0.1	10	0	0	0	0	0	0	3	500	0.8	100	30	2000	0	0	15	2000	1	50	4	500
Geranium spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Glossodia major	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Glycine clandestina	OG	0	0	0.1	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Glycine latifolia	OG	0	0	0.1	5	0	0	0.5	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Glycine tabacina	OG	0.1	10	0.1	100	0.8	200	0.2	100	0	0	0	0	0	0	0	0	0	0	0.1	10	0	0	0.1	20	0.1	100	0.1	50
Gomphocarpus fruticosus	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	10	0	0
Gomphrena celosioides	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gonocarpus teucrioides	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Goodenia bellidifolia	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

		P_4859a_043		P_4859a_044		P_4859a_045		P_4859a_046		P_4859a_047		P_4859a_048		P_4859a_049		P_4859a_050		P_4859a_051		P_4859a_052		P_4859a_053		P_4859a_054		P_4859a_055		P_4859a_056	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Goodenia hederacea	FG	0	0	0.1	100	0	0	0.2	300	0.8	200	0	0	0.2	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Goodenia hederacea subsp. *hederacaea*	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Goodenia paniculata	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grevillea spp.	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grevillea triternata	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Haloragis aspera	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Haloragis heterophylla	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hardenbergia violacea	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hibbertia acicularis	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hibbertia fasciculata	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hibbertia linearis	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hibbertia obtusifolia	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hirschfeldia incana	EX	0	0	0	0	0.3	300	0	0	0	0	0	0	0	0	0	0	0.1	10	0	0	0	0	0	0	0.1	2	0	0
Holcus lanatus	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hordeum leporinum	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hovea linearis	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydrocotyle laxiflora	FG	0	0	0.2	13	0.5	500	0.3	200	0.2	159	0	0	0	0	0.2	50	0	0	0.5	100	0	0	0	0	0.1	50	3.4	1200
Hydrocotyle tripartita	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hypericum gramineum	FG	0.1	10	0	0	0	0	0	0	0.3	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hypericum perforatum	HT	0.1	15	0.4	110	8.1	1003	0	0	0	0	0	0	0	0	0.5	500	0.2	120	1	200	0	0	5	100	0.2	60	1	100
Hypochaeris radicata	EX	0	0	0.1	1	0.2	200	0.1	5	0	0	0	0	0.2	30	0.2	200	0	0	0	0	0	0	0	0	0	0	0	0	0
Isolepis spp.	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Joycea pallida	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Juncus spp.	GG	0	0	0	0	3	500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Juncus usitatus	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kunzea capitata	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lachnagrostis filiformis	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	500	0	0	0	0	0	0	5	2000
Lactuca serriola	EX	0	0	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lagenophora stipitata	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lambertia formosa	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Laxmannia gracilis	FG	0	0	0.1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lepidium africanum	EX	0	0	0.1	10	0	0	0.2	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	100	0	0	0	0
Lepidosperma laterale	GG	0	0	0	0	0	0	0	0	0	0	0	0	3	1000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leptospermum polygalifolium	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leucopogon ericoides	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leucopogon juniperinus	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leucopogon lanceolatus	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leucopogon microphyllus	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leucopogon microphyllus var. *microphyllus*	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leucopogon muticus	SG	0	0	0	0	0	0	0	0	0.1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lobelia purpurascens	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.9	200	0.1	200	0.3	50	0	0	0	0	0.2	110	0.3	300
Lolium perenne	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	10	0.1	20	1	200	0	0	0.5	20	0	0	0	0
Lomandra filiformis	GG	0	0	0	0	0	0	0	0	2	1000	0.1	20	1	1000	10	500	0	0	0	0	0	0	0	0	5	100	2	500
Lomandra glauca	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lomandra longifolia	GG	0	0	0	0	4.5	1050	0	0	2	1000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	50
Lomandra multiflora	GG	0	0	0.2	20	0	0	0.2	10	15	10000	0.1	10	1	50	20	2000	2	50	0	0	0	0	0	0	0	0	0.5	150
Lomandra multiflora subsp. *multiflora*	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lomandra spp.	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	50	0	0	0	0	0.1	5	0	0
Lomatia spp.	SG	0	0	0	0	0	0	0	0	0.1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lotus spp.	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

		P_4859a_043		P_4859a_044		P_4859a_045		P_4859a_046		P_4859a_047		P_4859a_048		P_4859a_049		P_4859a_050		P_4859a_051		P_4859a_052		P_4859a_053		P_4859a_054		P_4859a_055		P_4859a_056	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Macrozamia communis	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Macrozamia spp.	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Malva parviflora	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	500	0	0	0	0	0	0
Marrubium vulgare	EX	0.1	20	0	0	0	0	3	50	0	0	0	0	0	0	2	100	0.2	80	0.1	10	0	0	1	100	0.2	50	2	200
Medicago arabica	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	50	0.1	20	0	0	0	0	0	0	0	0	0	0
Medicago spp.	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Melia azedarach	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Melichrus urceolatus	SG	0	0	0	0	0	0	0	0	0.8	1000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Melicytus dentatus	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mentha diemenica	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mentha satureioides	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	500	0	0	0	0	0	0	2	400	2	500	3	1000
Microlaena stipoides	GG	10	100	0	0	0	0	40	1000	9	1000	5	200	3	500	15	500	20	500	5	1000	0	0	0	0	0	0	2	200
Microlaena stipoides var. *stipoides*	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Microtis spp.	FG	0	0	0	0	0.1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Modiola caroliniana	EX	0.1	30	0	0	0	0	0	0	0	0	0	0	0	0	0.2	100	0.1	10	0.5	50	0.5	200	0.5	50	0	0	0.1	10
Monotoca elliptica	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nassella trichotoma	HT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Neptunia gracilis	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Notelaea microcarpa	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oenothera indecora	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Olearia elliptica	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Olearia viscosa	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Onopordum acanthium subsp. *acanthium*	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Opercularia diphylla	FG	0	0	0	0	0	0	0	0	0.1	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Opuntia stricta	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Opuntia stricta var. *stricta*	HT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxalis exilis	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxalis perennans	FG	0.1	30	0.1	30	1.2	1500	0	0	0.1	50	0.1	30	0.1	100	0.4	100	5	800	0.1	20	0.4	200	0.1	20	0.2	100	0.4	200
Oxalis pes-caprae	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxytes brachypoda	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ozothamnus spp.	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pandorea pandorana	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	10	0	0	0	0	0	0	0	0	0	0
Panicum effusum	GG	0	0	0	0	3	1000	0	0	8	1000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Panicum simile	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Panicum spp.	GG	0	0	0	0	0	0	0	0	4	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paronychia brasiliana	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paspalidium distans	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paspalidium gracile	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paspalum dilatatum	HT	0.3	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Patersonia sericea	FG	0	0	0	0	0	0	0	0	10	2000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Patersonia spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pellaea calidirupium	EG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Persoonia curvifolia	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Persoonia linearis	SG	0	0	0	0	0	0	0	0	0	0	1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Petrorhagia nanteuilii	EX	0	0	0.2	200	0.7	500	0.1	20	0	0	0	0	0	0	0.5	200	0.1	10	0.6	50	0	0	0.2	50	0.1	50	0.1	50
Phalaris aquatica	EX	20	300	0	0	0	0	0	0	0	0	0	0	0	0	1	500	0	0	0	0	0	0	0	0	0	0	0	0
Phebalium obcordatum	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phyllanthus hirtellus	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Physalis ixocarpa	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phytolacca octandra	EX	0	0	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

		P_4859a_043		P_4859a_044		P_4859a_045		P_4859a_046		P_4859a_047		P_4859a_048		P_4859a_049		P_4859a_050		P_4859a_051		P_4859a_052		P_4859a_053		P_4859a_054		P_4859a_055		P_4859a_056	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Pimelea curviflora	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pimelea linifolia subsp. *linifolia*	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pimelea strigosa	SG	0	0	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plantago debilis	FG	0	0	1	150	0.1	100	0.1	30	0	0	0	0	0	0	0.1	50	0	0	2	250	0.5	250	0.5	250	0.1	50	0.5	100
Plantago lanceolata	EX	0	0	0.1	10	0.5	500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plantago varia	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poa annua	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poa labillardierei	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poa sieberiana	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	1000	0	0	0	0	0	0	0	0	0	0	15	2000
Poa sieberiana var. *sieberiana*	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poa spp.	GG	0	0	0	0	0	0	0	0	1	1000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	200	0	0
Podolepis neglecta	FG	0	0	0.2	101	0.1	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Polygonum arenastrum	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Polygonum aviculare	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.3	60	0	0	0	0	0.1	10	0	0	0	0
Polymeria calycina	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pomax umbellata	FG	0	0	0	0	0	0	0	0	0.2	50	40	0	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poranthera microphylla	FG	0	0	0	0	0	0	0	0	0	0	5	300	2	1000	0	0	0.1	10	0	0	0	0	0	0	0	0	0	0
Portulaca oleracea	FG	0.1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.3	40	0.3	200	0	0	0	0	0.1	10
Pratia concolor	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	20	0	0	0	0
Pratia purpurascens	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pteridium esculentum	EG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pterostylis spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pultenaea daphnoides	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pultenaea rosmarinifolia	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pultenaea spp.	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ranunculus sessiliflorus	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rosa rubiginosa	HT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	1	0	0	0	0	0	0	0	0
Rubus anglocandicans	EX	0.1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rubus fruticosus	HT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rumex acetosella	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rumex brownii	FG	0.1	30	0.1	5	0	0	0.1	10	0	0	0	0	0	0	0.2	50	0.1	100	0.3	50	0	0	0.4	50	0	0	0.3	75
Rumex crispus	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	1	0	0	0	0	0	0	0	0
Rytidosperma bipartitum	GG	0	0	0	0	0	0	0	0	5	1000	0	0	0	0	0	0	10	300	0	0	0	0	6	1000	5	150	2	200
Rytidosperma caespitosum	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rytidosperma carphoides	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rytidosperma monticola	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rytidosperma penicillatum	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	100	0	0	0	0	0	0	0	0
Rytidosperma pilosum	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rytidosperma racemosum	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rytidosperma racemosum var. *racemosum*	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rytidosperma setaceum	GG	0	0	8	600	0	0	0	0	0	0	5	100	1	500	5	1000	0	0	0	0	0	0	0	0	0	0	0	0
Rytidosperma spp.	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Salvia reflexa	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Salvia verbenaca	EX	0.1	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	100	0	0	0	0	0.5	50
Schenkia australis	FG	0	0	0.1	100	1	2000	0.1	10	0.1	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Schkuhria pinnata	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Schoenus apogon	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Schoenus ericetorum	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Scleranthus annuus	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Senecio bathurstianus	FG	0	0	0	0	2	200	0.1	1	0	0	0	0	0	0	0.5	50	0	0	0	0	0	0	0	0	0	0	0	0

		P_4859a_043		P_4859a_044		P_4859a_045		P_4859a_046		P_4859a_047		P_4859a_048		P_4859a_049		P_4859a_050		P_4859a_051		P_4859a_052		P_4859a_053		P_4859a_054		P_4859a_055		P_4859a_056	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Senecio madagascariensis	HT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	50	0	0	0	0	0	0	0	0
Senecio microbasis	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Senecio quadridentatus	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Senecio spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	10	0.1	5
Setaria parviflora	EX	0	0	0.1	5	0.3	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sida corrugata	FG	0	0	0.1	10	0	0	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sida rhombifolia	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sida spinosa	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sida subspicata	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sigesbeckia australiensis	FG	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	2	100	0.1	15	0.4	50	0	0	3	50	50	100	40	2000
Sigesbeckia orientalis	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Silene gallica	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Silybum marianum	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	20	0	0	0	0	0.1	10
Sisymbrium irio	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sisymbrium officinale	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Solanum chenopodioides	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Solanum cinereum	SG	0	0	0	0	0	0	0.2	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Solanum nigrum	EX	0.1	100	0.1	20	0.1	3	0.1	15	0	0	0.1	15	0	0	0.2	30	0.1	20	1	30	0	0	5	200	2	100	1	200
Solanum prinophyllum	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Solanum pseudocapsicum	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.3	10	0	0
Solanum seaforthianum	HT	0.1	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	10	0.4	300
Solanum sisymbriifolium	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Solanum stelligerum	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Solenogyne bellioides	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Solenogyne dominii	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Soliva sessilis	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sonchus oleraceus	EX	0	0	0	0	0	0	0	0	0.1	1	0	0	0	0	0.1	500	0	0	0	0	0	0	0	0	0	0	0	0
Sonchus spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sorghum leiocladum	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	10	0	0
Sporobolus creber	GG	0	0	0.2	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stellaria angustifolia	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stellaria media	EX	0.1	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	100	0	0	0	0	0	0	0.3	100	0	0
Stenotaphrum secundatum	HT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stuartina muelleri	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Styphelia triflora	SG	0	0	0	0	0	0	0	0	0	0	0.1	5	0.5	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Styphelia tubiflora	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Swainsona galegifolia	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	10	0	0	0	0	0	0	0	0
Swainsona spp.	FG	0	0	0	0	0	0	0.1	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	10	0	0	0	0
Tagetes minuta	EX	0	0	0.1	1	0	0	0	0	0	0	0	0	0	0	0.1	5	0	0	0	0	0.1	5	0.1	1	0	0	0	0
Taraxacum officinale	EX	0.1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Teucrium betchei	FG	0	0	0	0	0	0	30	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thelymitra spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Themeda triandra	GG	0	0	5	200	3	200	0	0	0.5	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tragus australianus	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tribulus terrestris	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	200	0	0	0	0	0	0
Tricoryne elatior	FG	0	0	0	0	0	0	0	0	0	0	0.1	10	0.4	1000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trifolium angustifolium	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trifolium arvense	EX	0	0	0.1	10	0	0	0	0	0	0	0	0	0	0	0.1	5	0	0	0.1	5	0	0	0.1	1	0	0	0	0
Trifolium campestre	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trifolium globosum	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	200

		P_4859a_043		P_4859a_044		P_4859a_045		P_4859a_046		P_4859a_047		P_4859a_048		P_4859a_049		P_4859a_050		P_4859a_051		P_4859a_052		P_4859a_053		P_4859a_054		P_4859a_055		P_4859a_056	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Trifolium glomeratum	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	500	0	0	0	0	0	0
Trifolium repens	EX	0.1	50	0	0	0	0	0	0	0	0	0	0	0	0	2	500	0	0	3	250	0	0	0	0	0	0	0	0
Trifolium spp.	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2	0	0
Trifolium subterraneum	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Urochloa panicoides	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Urtica dioica	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Urtica incisa	FG	0.4	200	0	0	0	0	0	0	0	0	0	0	0	0	0.1	1	2	200	0	0	2	500	3	200	5	50	0.2	50
Urtica urens	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Verbascum thapsus	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	50	0	0	0	0	0	0
Verbena bonariensis	EX	0	0	0.1	10	10	1000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Veronica plebeia	FG	0	0	0	0	0	0	0.2	20	0	0	0.1	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vicia hirsuta	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vicia sativa	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Viola betonicifolia	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Viola spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	5	0	0
Vittadinia cuneata	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vittadinia gracilis	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vittadinia muelleri	FG	0	0	0	0	0	0	8	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	1	0	0	0	0
Vittadinia pterochaeta	FG	0	0	0	0	0	0	0.1	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	200	0.1	50	0.2	50
Vittadinia sulcata	FG	0	0	0	0	0	0	0	0	5	1000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wahlenbergia communis	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wahlenbergia gracilis	FG	0	0	0	0	0	0	0	0	0	0	0.1	30	0.3	500	0	0	0	0	3	1000	0	0	0.2	50	0	0	0.1	20
Wahlenbergia luteola	FG	0	0	0	0	0	0	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	50	0	0
Wahlenbergia spp.	FG	0	0	0.1	50	0	0	0	0	0.5	1010	0	0	0	0	0.3	200	0	0	0	0	0	0	0	0	0	0	0	0
Wahlenbergia stricta	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wahlenbergia stricta subsp. *stricta*	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wurmbea biglandulosa	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wurmbea dioica	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Xanthium occidentale	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Xanthium spinosum	HT	0.1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.3	250	0.5	200	0	0	0	0
Xanthorrhoea glauca	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Zornia dyctiocarpa	FG	0	0	0.1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

		P_4859a_057		P_4859a_058		P_4859a_059		P_4859a_060		P_4859a_061		P_4859a_062		P_4859a_063		P_4859a_064		P_4859a_065		P_4859a_066		P_4859a_067		P_4859a_068		P_4859a_069		P_4859a_070	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Acacia buxifolia	SG	0	0	0	0	0	0	0	0	0	0	0	0	0.1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia conferta	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia crassa subsp. *crassa*	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia decora	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia doratoxylon	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia implexa	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia leucoclada	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

		P_4859a_057		P_4859a_058		P_4859a_059		P_4859a_060		P_4859a_061		P_4859a_062		P_4859a_063		P_4859a_064		P_4859a_065		P_4859a_066		P_4859a_067		P_4859a_068		P_4859a_069		P_4859a_070	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Acacia leucolobia	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia linearifolia	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia longifolia	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia paradoxa	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia penninervis	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia spectabilis	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia spp.	SG	0	0	0	0	0	0	0	0	0	0	0	0	0.1	1	0.1	2	0.1	1	0	0	0	0	0	0	0	0	0	0
Acacia stenophylla	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acaena agnipila	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acaena echinata	FG	0.1	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acaena novae-zelandiae	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	5	0.1	10	10	2000	0	0
Acaena spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acetosella vulgaris	HT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Adiantum aethiopicum	EG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Agrostis venusta	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aira cupaniana	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ajuga australis	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allocasuarina gymnanthera	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allocasuarina littoralis	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allocasuarina nana	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Alternanthera pungens	HT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Amaranthus hybridus	EX	0	0	0	0	0.1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Amaranthus spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ammi majus	EX	0	0	0	0	0	0	0.3	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Amyema miquelii	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Amyema spp.	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anagallis arvensis	EX	0	0	2	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Angophora floribunda	TG	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	25	30	0	0	0	0	0	0	0	0	0	0
Anthosachne scabra	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arctotheca calendula	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Argemone ochroleuca	EX	0	0	0.2	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aristida personata	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aristida platychaeta	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aristida ramosa	GG	0	0	0	0	0	0	0	0	0	0	0	0	0.1	50	0	0	1	100	0	0	0	0	0	0	0	0	0	0
Aristida spp.	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aristida vagans	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	20	0	0	0	0	0	0	0	0	0	0	0	0
Arthropodium fimbriatum	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arthropodium milleflorum	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2	0	0	0	0	0	0
Arthropodium sp. B	FG	0	0	0	0	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arthropodium spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arundinella nepalensis	GG	0	0	0.4	20	0	0	0	0	0	0	0	0	0	0	1	50	1	100	0	0	0	0	0	0	0	0	0	0

		P_4859a_057		P_4859a_058		P_4859a_059		P_4859a_060		P_4859a_061		P_4859a_062		P_4859a_063		P_4859a_064		P_4859a_065		P_4859a_066		P_4859a_067		P_4859a_068		P_4859a_069		P_4859a_070	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Asperula conferta	FG	0.1	5	0	0	0	0	3	300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aster subulatus	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Astroloma humifusum	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	100	1	50	0	0	0	0	0	0	0	0	0	0
Atriplex semibaccata	SG	0	0	0	0	0	0	0	0	0	0	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Austrostipa aristiglumis	GG	0	0	0	0	0	0	10	500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Austrostipa bigeniculata	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Austrostipa densiflora	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Austrostipa ramosissima	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Austrostipa scabra	GG	0	0	0	0	1	20	0	0	0	0	1	50	0	0	0	0	0	0	0	0	15	200	25	1000	0	0	0	0
Austrostipa scabra subsp. *scabra*	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Austrostipa spp.	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Austrostipa verticillata	GG	0	0	0	0	0	0	0	0	25	1000	80	3000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Avena fatua	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Baeckea brevifolia	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Baeckea diosmifolia	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	10	0	0	0	0	0	0	0	0	0	0
Bidens pilosa	HT	0.1	5	0.3	30	0.1	15	0	0	70	3000	0.1	10	0	0	0	0	0	0	0.1	10	1	50	0.1	5	0	0	0	0
Bidens subalternans	EX	0	0	0	0	0.2	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Billardiera scandens	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	5
Boerhavia dominii	FG	0	0	0	0	0.1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bossiaea rhombifolia	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bothriochloa macra	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	100	2	200	0	0	15	1000
Brachychiton populneus	TG	0	0	0	0	2	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
Brachyloma daphnoides	SG	0	0	0	0	0	0	0	0	0	0	0	0	15	50	0	0	1	10	0	0	0	0	0	0	0	0	0	0
Brachyscome sieberi	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brassica fruticulosa	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brassica juncea	EX	0.1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brassica napus	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brassica nigra	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brassica rapa	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brassica spp.	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bromus catharticus	EX	25	0	8	500	10	1000	0	0	1	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bromus diandrus	HT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bromus hordeaceus	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bursaria spinosa	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caladenia spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Callistemon sieberi	SG	0	0	25	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Callitris endlicheri	TG	0	0	0	0	0	0	0	0	0	0	0	0	10	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Callitris glaucophylla	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Calochilus robertsonii	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Calotis cuneifolia	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	20	0	0	0	0	0	0	0	0	0	0
Calotis lappulacea	FG	0	0	0.5	50	0	0	0	0	0	0	0.1	10	0	0	0	0	0	0	0	0	0.1	5	0	0	0	0	0	0

		P_4859a_057		P_4859a_058		P_4859a_059		P_4859a_060		P_4859a_061		P_4859a_062		P_4859a_063		P_4859a_064		P_4859a_065		P_4859a_066		P_4859a_067		P_4859a_068		P_4859a_069		P_4859a_070	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Calystegia spp.	EX	0	0	0.1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Capsella bursa-pastoris	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carduus pycnocephalus	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carex appressa	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carex inversa	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carthamus lanatus	HT	0.1	3	0.5	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carthamus spp.	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cassinia aculeata	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cassinia arcuata	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	50	0	0	0	0
Cassinia cunninghamii	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cassinia quinquefaria	SG	0	0	0	0	0	0	0	0	0	0	0	0	10	50	30	100	25	50	0	0	0	0	0	0	0	0	0	0	0	0
Cassytha glabella	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Casuarina cunninghamiana	TG	0	0	20	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Centaurea calcitrapa	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Centaurea solstitialis	EX	0	0	0	0	0	0	40	300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Centaurium tenuiflorum	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cheilanthes distans	EG	0	0	0	0	0.1	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cheilanthes sieberi	EG	0	0	0	0	0	0	0	0	0	0	0	0	0.1	20	0.1	20	0.1	50	0	0	0.1	5	0	0	0	0	0	0	0	0
Cheilanthes sieberi subsp. *sieberi*	EG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chenopodium album	EX	0.1	5	0.4	30	0.1	20	0	0	0.1	10	0.1	20	0	0	0	0	0	0	0.1	5	0	0	0	0	0	0	0	0	0	0
Chenopodium glaucum	FG	0.4	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chenopodium pumilio	FG	0.1	40	0	0	0	0	0	0	0	0	0.1	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chloris truncata	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chloris ventricosa	GG	0	0	0	0	1	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chondrilla juncea	EX	0	0	0	0	0.1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chrysocephalum apiculatum	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chrysocephalum semipapposum	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cineraria lyratiformis	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cirsium vulgare	EX	0	0	0.5	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clematis aristata	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Convolvulus erubescens	OG	0	0	0	0	0	0	0.2	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Conyza bonariensis	EX	0	0	0.4	50	0.1	5	0.2	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Conyza sumatrensis	EX	0.1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotula australis	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crassula sieberiana	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cryptandra spp.	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cucumis myriocarpus	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cullen tenax	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyclospermum leptophyllum	EX	0	0	1	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cymbonotus lawsonianus	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cymbopogon refractus	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0

		P_4859a_057		P_4859a_058		P_4859a_059		P_4859a_060		P_4859a_061		P_4859a_062		P_4859a_063		P_4859a_064		P_4859a_065		P_4859a_066		P_4859a_067		P_4859a_068		P_4859a_069		P_4859a_070	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Cynodon dactylon	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cynoglossum australe	FG	0	0	0	0	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	5	0	0
Cyperus aggregatus	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyperus gracilis	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	200	0	0	0	0	0	0	0	0
Cyperus lhotskyanus	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyperus spp.	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dactylis glomerata	EX	5	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daucus carota	EX	0	0	0	0	0	0	0	0	0	0	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daucus glochidiatus	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Desmodium rhytidophyllum	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Desmodium varians	OG	0	0	0	0	0.1	10	0	0	0	0	0	0	0	0	0.1	5	0	0	0	0	0.1	5	0.1	10	0.1	10	0.1	10
Dianella caerulea	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dianella longifolia	FG	0	0	0	0	0	0	0	0	0	0	0	0	1	50	0.1	5	0.1	2	0	0	0	0	0	0	0	0	0	0
Dianella revoluta	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dichanthium sericeum	GG	0	0	0	0	0	0	5	250	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dichelachne micrantha	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dichelachne spp.	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dichondra repens	FG	0.1	50	0	0	0.2	100	0	0	0	0	0.1	20	0	0	0	0	0	0	0.1	10	0.1	10	0.1	20	0.1	50	0	0
Dichopogon fimbriatus	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Digitaria brownii	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Digitaria diffusa	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Digitaria ramularis	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Digitaria sanguinalis	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dillwynia retorta	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dodonaea viscosa	SG	0	0	0	0	0	0	0	0	0	0	0	0	0.1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drosera peltata	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drosera spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Echinochloa crus-galli	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Echinopogon caespitosus	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	10	1	100	0	0	0	0	5	500	5	1000	0.2	50
Echinopogon ovatus	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Echium plantagineum	EX	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	10	0	0	0	0	0	0
Ehrharta erecta	HT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Einadia hastata	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Einadia nutans	FG	0	0	0.1	10	2	100	0.1	20	0.1	10	1	100	0	0	0	0	0	0	0	0	1	100	0.1	5	0	0	0	0
Einadia trigonos	FG	0.1	5	0.3	100	0	0	0.2	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eleusine tristachya	EX	0.2	30	0.3	20	0	0	0.3	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Elymus scaber	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	1000	15	200	30	1000	0	0	25	3000
Entolasia marginata	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	20	0	0	0	0	0	0	0	0	0	0	0	0
Epaltes australis	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eragrostis brownii	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	20	0	0	0	0	0	0	0	0	0	0	0	0
Eragrostis cilianensis	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

		P_4859a_057		P_4859a_058		P_4859a_059		P_4859a_060		P_4859a_061		P_4859a_062		P_4859a_063		P_4859a_064		P_4859a_065		P_4859a_066		P_4859a_067		P_4859a_068		P_4859a_069		P_4859a_070	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Eragrostis curvula	HT	0	0	0	0	0	0	2	250	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eragrostis leptostachya	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eriochloa pseudoacrotricha	GG	0	0	0	0	0	0	1	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Erodium cicutarium	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Erodium crinitum	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Erodium moschatum	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus albens	TG	0	0	0	0	0	0	0	0	0	0	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus blakelyi	TG	0	0	0	0	30	5	0	0	0	0	0	0	0	0	15	7	1	1	0	0	0	0	0	0	0	0	0	0
Eucalyptus crebra	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	4	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus dalrympleana	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	6	0	0
Eucalyptus fibrosa	TG	0	0	0	0	0	0	0	0	0	0	0	0	25	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus laevopinea	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	1	0	0	0	0	5	2	0	0
Eucalyptus macrorhyncha	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus mannifera	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus melliodora	TG	0	0	0	0	0	0	0	0	20	2	25	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus microcarpa	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus moluccana	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus nortonii	TG	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	4	25	2	20	2	0	0	30	10
Eucalyptus nubila	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus praecox	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	1	0	0	0	0	0	0	0	0
Eucalyptus punctata	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus rossii	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus sideroxylon	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus sparsifolia	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	1	0	0	0	0	0	0	0	0	0	0	0	0
Euchiton involucratus	FG	0	0	0.3	200	0	0	0.4	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Euchiton sphaericus	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	10	0	0	0.1	20
Euphorbia drummondii	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1000	0.1	20
Eustrephus latifolius	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fimbristylis dichotoma	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Foeniculum vulgare	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gahnia aspera	GG	0	0	0	0	0	0	0	0	0	0	0	0	0.1	1	0.1	2	0.1	2	0	0	0	0	0	0	0	0	0	0
Galium aparine	EX	0	0	0.1	20	0.1	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Galium australe	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	20	1	500	1	3000
Galium ciliare	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Galium leptogonium	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Galium spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geranium homeanum	FG	0	0	0	0	0	0	0	0	0	0	0.1	10	0	0	0	0	0	0	0	0	0	0	1	500	0	0	0	0
Geranium molle subsp. molle	EX	0	0	0	0	0	0	0	0	0	0	0.1	10	0	0	0	0	0	0	1	200	0.1	10	0	0	0	0	0	0
Geranium retrorsum	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geranium solanderi	FG	10	500	1	200	0.2	50	2	500	0	0	0	0	0	0	0	0	0	0	65	3000	2	500	0	0	65	3000	5	3000
Geranium spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

		P_4859a_057		P_4859a_058		P_4859a_059		P_4859a_060		P_4859a_061		P_4859a_062		P_4859a_063		P_4859a_064		P_4859a_065		P_4859a_066		P_4859a_067		P_4859a_068		P_4859a_069		P_4859a_070	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Glossodia major	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Glycine clandestina	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	10	0	0	0	0	0.1	10	0.1	10	0.1	10	0.1	10
Glycine latifolia	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Glycine tabacina	OG	0	0	0	0	0.1	50	0	0	0	0	0.1	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gomphocarpus fruticosus	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gomphrena celosioides	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gonocarpus teucrioides	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Goodenia bellidifolia	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Goodenia hederacea	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Goodenia hederacea subsp. *hederacaea*	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Goodenia paniculata	FG	0	0	0	0	0	0	0	0	0	0	0	0	0.1	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grevillea spp.	SG	0	0	0	0	0	0	0	0	0	0	0	0	0.1	10	0.1	1	0	0	0	0	0	0	0	0	0	0	0	0
Grevillea triternata	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	1	0	0	0	0	0	0	0	0	0	0
Haloragis aspera	FG	0	0	0	0	0	0	0	0	0	0	0	0	0.2	100	1	100	0	0	0	0	0	0	0	0	0	0	0	0
Haloragis heterophylla	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	3000	0	0	0	0	0	0	0	0	0	0	0	0
Hardenbergia violacea	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hibbertia acicularis	SG	0	0	0	0	0	0	0	0	0	0	0	0	0.1	20	1	200	1	100	0	0	0	0	0	0	0	0	0	0
Hibbertia fasciculata	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hibbertia linearis	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	10	0	0	0	0	0	0	0	0	0	0
Hibbertia obtusifolia	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hirschfeldia incana	EX	0	0	0	0	0	0	10	400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Holcus lanatus	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hordeum leporinum	EX	0.1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hovea linearis	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydrocotyle laxiflora	FG	0	0	0	0	0.1	30	0	0	0	0	0	0	0	0	0.1	20	0	0	0	0	0	0	0.1	20	1	500	5	3000
Hydrocotyle tripartita	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hypericum gramineum	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	20	0	0	0	0	0	0	0	0	0	0	0	0
Hypericum perforatum	HT	0	0	5	500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	20	0.1	5	5	100	0.1	5
Hypochaeris radicata	EX	0	0	0.2	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Isolepis spp.	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Joycea pallida	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Juncus spp.	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Juncus usitatus	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kunzea capitata	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lachnagrostis filiformis	GG	0	0	0.1	2	0	0	0.5	300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lactuca serriola	EX	0	0	0	0	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lagenophora stipitata	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lambertia formosa	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Laxmannia gracilis	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lepidium africanum	EX	0	0	3	250	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lepidosperma laterale	GG	0	0	0	0	0	0	0.5	50	0	0	0	0	0.1	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0

		P_4859a_057		P_4859a_058		P_4859a_059		P_4859a_060		P_4859a_061		P_4859a_062		P_4859a_063		P_4859a_064		P_4859a_065		P_4859a_066		P_4859a_067		P_4859a_068		P_4859a_069		P_4859a_070	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Leptospermum polygalifolium	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leucopogon ericoides	SG	0	0	0	0	0	0	0	0	0	0	0	0	0.1	10	0.1	5	0	0	0	0	0	0	0	0	0	0	0	0
Leucopogon juniperinus	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leucopogon lanceolatus	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leucopogon microphyllus	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leucopogon microphyllus var. *microphyllus*	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leucopogon muticus	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lobelia purpurascens	FG	0.2	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lolium perenne	EX	10	500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	10	0	0	0	0	0	0	0	0
Lomandra filiformis	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	10	0	0	0	0	0	0	0	0	5	1000
Lomandra glauca	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lomandra longifolia	GG	0	0	0	0	0.4	50	0	0	0	0	0	0	0	0	0.1	5	0.1	10	0	0	0.1	2	0	0	0	0	0	0
Lomandra multiflora	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	5	0	0	0.1	10	15	500	0.1	10	0.1	5	0	0
Lomandra multiflora subsp. *multiflora*	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lomandra spp.	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lomatia spp.	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lotus spp.	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Macrozamia communis	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Macrozamia spp.	OG	0	0	0	0	0	0	0	0	0	0	0	0	0.1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Malva parviflora	EX	0.2	50	0	0	0	0	0	0	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Marrubium vulgare	EX	0.2	20	0	0	0.1	10	0	0	0.1	20	1	50	0	0	0	0	0	0	0.1	5	0.1	10	0	0	0	0	0.2	50
Medicago arabica	EX	0	0	0	0	0	0	0	0	0.1	10	0.1	20	0	0	0	0	0	0	3	1000	0.1	20	0	0	0	0	0.1	50
Medicago spp.	EX	0	0	0	0	0	0	15	250	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Melia azedarach	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Melichrus urceolatus	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Melicytus dentatus	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	1	0	0
Mentha diemenica	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mentha satureioides	FG	2	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	100	0	0	2	1000
Microlaena stipoides	GG	2	50	0	0	0.1	5	0	0	0.2	100	0.1	20	0.1	20	1	200	25	3000	0.2	50	0	0	2	200	1	1000	10	3000
Microlaena stipoides var. *stipoides*	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Microtis spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Modiola caroliniana	EX	0.2	100	0.5	200	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	0.1	20	0.1	5	0	0	0	0	0	0
Monotoca elliptica	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nassella trichotoma	HT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Neptunia gracilis	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Notelaea microcarpa	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	1	0	0	0	0	0	0	0	0
Oenothera indecora	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Olearia elliptica	SG	0	0	0.1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Olearia viscosa	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	1	0	0	0	0	0	0	0	0
Onopordum acanthium subsp. *acanthium*	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	1	0.1	2
Opercularia diphylla	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	5	0	0	0	0	0	0	0	0	0	0

		P_4859a_057		P_4859a_058		P_4859a_059		P_4859a_060		P_4859a_061		P_4859a_062		P_4859a_063		P_4859a_064		P_4859a_065		P_4859a_066		P_4859a_067		P_4859a_068		P_4859a_069		P_4859a_070	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Opuntia stricta	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Opuntia stricta var. *stricta*	HT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxalis exilis	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxalis perennans	FG	0	0	0.2	50	0.1	20	0	0	0.1	20	0.1	20	0	0	0	0	0	0	0	0	0.1	20	0	0	0	0	0	0
Oxalis pes-caprae	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxytes brachypoda	EX	0	0	0	0	0.1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ozothamnus spp.	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pandorea pandorana	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Panicum effusum	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Panicum simile	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Panicum spp.	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paronychia brasiliana	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	10	0	0	0	0	0	0
Paspalidium distans	GG	0	0	0	0	0	0	4	500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paspalidium gracile	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paspalum dilatatum	HT	0	0	2	250	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	20	0	0	0	0
Patersonia sericea	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Patersonia spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pellaea calidirupium	EG	0	0	0	0	0.1	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Persoonia curvifolia	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Persoonia linearis	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Petrorhagia nanteuilii	EX	0	0	0.1	50	0	0	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phalaris aquatica	EX	35	1000	35	2000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	5	0	0	0.1	5	0	0	0	0
Phebalium obcordatum	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phyllanthus hirtellus	SG	0	0	0	0	0	0	0	0	0	0	0	0	0.1	10	0	0	0.1	10	0	0	0	0	0	0	0	0	0	0
Physalis ixocarpa	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phytolacca octandra	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pimelea curviflora	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2	0.1	10	0	0	0.1	2
Pimelea linifolia subsp. *linifolia*	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pimelea strigosa	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plantago debilis	FG	0	0	0.3	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	10	0	0	0	0	0	0	0.1	20
Plantago lanceolata	EX	0	0	0	0	0	0	2	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plantago varia	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poa annua	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poa labillardierei	GG	0	0	0	0	0.2	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	1000	0.1	10	5	500
Poa sieberiana	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poa sieberiana var. *sieberiana*	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poa spp.	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	5	0	0	0	0	0	0	0	0	0	0	0	0
Podolepis neglecta	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Polygonum arenastrum	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Polygonum aviculare	EX	0.2	20	2	500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Polymeria calycina	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

		P_4859a_057		P_4859a_058		P_4859a_059		P_4859a_060		P_4859a_061		P_4859a_062		P_4859a_063		P_4859a_064		P_4859a_065		P_4859a_066		P_4859a_067		P_4859a_068		P_4859a_069		P_4859a_070	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Pomax umbellata	FG	0	0	0	0	0	0	0	0	0	0	0	0	70	3000	1	100	2	500	0	0	0	0	0	0	0	0	0	0
Poranthera microphylla	FG	0	0	0	0	0	0	0	0	0	0	0	0	0.1	20	0	0	0.1	20	0	0	0	0	0	0	0	0	0	0
Portulaca oleracea	FG	0.2	20	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pratia concolor	FG	0	0	0	0	0	0	0	0	0	0	0.1	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pratia purpurascens	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	50
Pteridium esculentum	EG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pterostylis spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	5	0	0	0	0	0	0	0	0	0	0
Pultenaea daphnoides	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pultenaea rosmarinifolia	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pultenaea spp.	SG	0	0	0	0	0	0	0	0	0	0	0	0	0.1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ranunculus sessiliflorus	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rosa rubiginosa	HT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	1	0.1	1	0	0
Rubus anglocandicans	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rubus fruticosus	HT	0	0	2	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rumex acetosella	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rumex brownii	FG	0.1	20	2	20	0.1	10	0	0	0.1	10	0	0	0	0	0	0	0	0	0.1	10	0.1	5	0	0	0.1	5	0.1	20
Rumex crispus	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rytidosperma bipartitum	GG	0	0	0	0	5	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rytidosperma caespitosum	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rytidosperma carphoides	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rytidosperma monticola	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rytidosperma penicillatum	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rytidosperma pilosum	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rytidosperma racemosum	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rytidosperma racemosum var. *racemosum*	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rytidosperma setaceum	GG	1	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rytidosperma spp.	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Salvia reflexa	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Salvia verbenaca	EX	0	0	2	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Schenkia australis	FG	0	0	0.2	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Schkuhria pinnata	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	20	0	0	0	0	0	0
Schoenus apogon	GG	0	0	0	0	0	0	0	0	0	0	0	0	0.1	50	15	1000	0	0	0	0	0	0	0	0	0	0	0	0
Schoenus ericetorum	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Scleranthus annuus	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Senecio bathurstianus	FG	0	0	3	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Senecio madagascariensis	HT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Senecio microbasis	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Senecio quadridentatus	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	10	0	0	0	0
Senecio spp.	FG	0	0	0.2	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Setaria parviflora	EX	0	0	0.1	20	0	0	1	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sida corrugata	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

		P_4859a_057		P_4859a_058		P_4859a_059		P_4859a_060		P_4859a_061		P_4859a_062		P_4859a_063		P_4859a_064		P_4859a_065		P_4859a_066		P_4859a_067		P_4859a_068		P_4859a_069		P_4859a_070	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Sida rhombifolia	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sida spinosa	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sida subspicata	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sigesbeckia australiensis	FG	0.1	5	2	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	10	0.1	10	5	100	0	0	0.1	5
Sigesbeckia orientalis	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Silene gallica	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Silybum marianum	EX	0	0	0	0	0	0	0	0	0.5	50	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sisymbrium irio	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sisymbrium officinale	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Solanum chenopodioides	EX	0	0	1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Solanum cinereum	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Solanum nigrum	EX	0.1	10	0.2	20	0.1	50	0	0	0.1	5	0.1	10	0	0	0	0	0	0	0.1	10	0.1	5	0.1	5	0	0	0	0
Solanum prinophyllum	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Solanum pseudocapsicum	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Solanum seaforthianum	HT	0	0	3	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Solanum sisymbriifolium	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Solanum stelligerum	SG	0	0	0	0	0	0	0	0	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Solenogyne bellioides	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Solenogyne dominii	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Soliva sessilis	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sonchus oleraceus	EX	0.1	5	0	0	0.1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sonchus spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sorghum leiocladum	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sporobolus creber	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stellaria angustifolia	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stellaria media	EX	0.1	50	0	0	0	0	0	0	0.1	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stenotaphrum secundatum	HT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stuartina muelleri	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Styphelia triflora	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Styphelia tubiflora	SG	0	0	0	0	0	0	0	0	0	0	0	0	0.1	5	0.1	2	0.1	3	0	0	0	0	0	0	0	0	0	0
Swainsona galegifolia	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	1	0.1	5	0.1	2	0.1	1	0.2	50
Swainsona spp.	FG	0	0	0	0	1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tagetes minuta	EX	0	0	0.1	10	0.1	5	0	0	0.2	20	1	50	0	0	0	0	0	0	0.1	10	1	50	0	0	0	0	0	0
Taraxacum officinale	EX	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	10
Teucrium betchei	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thelymitra spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Themeda triandra	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	20	0	0	0	0
Tragus australianus	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tribulus terrestris	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tricoryne elatior	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trifolium angustifolium	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

		P_4859a_057		P_4859a_058		P_4859a_059		P_4859a_060		P_4859a_061		P_4859a_062		P_4859a_063		P_4859a_064		P_4859a_065		P_4859a_066		P_4859a_067		P_4859a_068		P_4859a_069		P_4859a_070	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Trifolium arvense	EX	0	0	0.1	3	0	0	0.5	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trifolium campestre	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trifolium globosum	EX	0	0	0.3	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trifolium glomeratum	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trifolium repens	EX	4	500	1	100	0	0	0.3	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trifolium spp.	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trifolium subterraneum	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Urochloa panicoides	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Urtica dioica	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Urtica incisa	FG	2	50	10	500	4	200	0	0	0.1	10	1	100	0	0	0	0	0	0	0	0	0.1	10	0	0	0	0	0.1	5
Urtica urens	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	10	0	0
Verbascum thapsus	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Verbena bonariensis	EX	0	0	0.4	30	0	0	0.1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Veronica plebeia	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0
Vicia hirsuta	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vicia sativa	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Viola betonicifolia	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Viola spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vittadinia cuneata	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	10	0	0	0	0
Vittadinia gracilis	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vittadinia muelleri	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vittadinia pterochaeta	FG	0	0	0.1	1	0	0	0.1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vittadinia sulcata	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wahlenbergia communis	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wahlenbergia gracilis	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wahlenbergia luteola	FG	0	0	0	0	0.1	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wahlenbergia spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0.2	70	0.1	10	0	0	0	0	0	0	0.1	10	0	0	0	0
Wahlenbergia stricta	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wahlenbergia stricta subsp. *stricta*	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wurmbea biglandulosa	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wurmbea dioica	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Xanthium occidentale	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Xanthium spinosum	HT	0	0	0.5	30	0	0	0	0	0.2	100	0.1	10	0	0	0	0	0	0	0.1	5	0.1	5	0	0	0	0	0	0
Xanthorrhoea glauca	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Zornia dyctiocarpa	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

		P_4859a_071		P_4859a_072		P_4859a_073		P_4859a_074		P_4859a_075		P_4859a_076		P_4859a_077		P_4859a_078		P_4859a_079		P_4859a_080		P_4859a_081		P_4859a_082		P_4859a_083		P_4859a_084		P_4859a_085	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Acacia buxifolia	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia conferta	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia crassa subsp. *crassa*	SG	0	0	0	0	0	0	0	0	0.5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia decora	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia doratoxylon	TG	0	0	0	0	0	0	0	0	0	0	2	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia implexa	SG	0	0	0	0	0.2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia leucoclada	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia leucolobia	SG	0	0	0	0	0	0	10	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia linearifolia	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia longifolia	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia paradoxa	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia penninervis	SG	0	0	0	0	0	0	1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia spectabilis	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia spp.	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acacia stenophylla	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acaena agnipila	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acaena echinata	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2	0	0	0	0	0	0	0	0	0	0	0	0
Acaena novae-zelandiae	FG	0.1	20	0.5	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acaena spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acetosella vulgaris	HT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	100	0.8	50	0.2	5	0.2	10	1	80	0	0
Adiantum aethiopicum	EG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Agrostis venusta	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aira cupaniana	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	100	0	0
Ajuga australis	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	1	0	0	0	0	0	0	0	0	0	0
Allocasuarina gymnanthera	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allocasuarina littoralis	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allocasuarina nana	SG	0	0	0	0	0	0	0.5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Alternanthera pungens	HT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Amaranthus hybridus	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Amaranthus spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ammi majus	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Amyema miquelii	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Amyema spp.	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anagallis arvensis	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	500	1	200	0	0	0	0	5	200	3	50	0	0	0	0
Angophora floribunda	TG	0	0	0	0	20	2	0	0	0	0	0.1	1	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0
Anthosachne scabra	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arctotheca calendula	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	50	2	50	0	0	0	0	0	0	0	0	0	0	0	0
Argemone ochroleuca	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aristida personata	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aristida platychaeta	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aristida ramosa	GG	0	0	0	0	0	0	0	0	3	80	10	100	0	0	7	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aristida spp.	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

		P_4859a_071		P_4859a_072		P_4859a_073		P_4859a_074		P_4859a_075		P_4859a_076		P_4859a_077		P_4859a_078		P_4859a_079		P_4859a_080		P_4859a_081		P_4859a_082		P_4859a_083		P_4859a_084		P_4859a_085	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Aristida vagans	GG	0	0	0	0	0	0	5	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arthropodium fimbriatum	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arthropodium milleflorum	FG	0.1	10	0.1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arthropodium sp. B	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arthropodium spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arundinella nepalensis	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Asperula conferta	FG	0	0	0.1	200	0	0	0	0	0	0	0	0	0	0	0	0	0.4	50	0	0	0	0	0	0	0	0	0	0	0	0
Aster subulatus	EX	0	0	0	0	0	0	0	0	0.2	3	0	0	0.1	1	0	0	0.6	30	0	0	0	0	0	0	0	0	0	0	0	0
Astroloma humifusum	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Atriplex semibaccata	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Austrostipa aristiglumis	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Austrostipa bigeniculata	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	80	3	15	0	0	0	0	0	0	0	0	0	0
Austrostipa densiflora	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Austrostipa ramosissima	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Austrostipa scabra	GG	5	1000	0	0	0	0	0	0	0	0	0	0	0	0	15	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Austrostipa scabra subsp. *scabra*	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Austrostipa spp.	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Austrostipa verticillata	GG	0	0	0	0	0	0	0	0	1	15	0	0	2	20	4	10	2	30	0	0	0	0	0	0	0	0	0	0	0	0
Avena fatua	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Baeckea brevifolia	SG	0	0	0	0	0	0	5	70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Baeckea diosmifolia	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bidens pilosa	HT	0	0	0.2	50	0.2	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	10
Bidens subalternans	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Billardiera scandens	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Boerhavia dominii	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bossiaea rhombifolia	SG	0	0	0	0	0	0	8	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bothriochloa macra	GG	15	2000	0	0	0.5	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brachychiton populneus	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brachyloma daphnoides	SG	0	0	0	0	0	0	0.6	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brachyscome sieberi	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brassica fruticulosa	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	100
Brassica juncea	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brassica napus	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	20	0.6	10	0	0	0.1	3	0	0	0.1	3	0.1	3	30	200
Brassica nigra	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brassica rapa	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brassica spp.	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bromus catharticus	EX	0	0	1	300	3	2000	0	0	0	0	0	0	1	10	0	0	5	30	4	50	15	100	15	100	7	50	4	40	30	1000
Bromus diandrus	HT	0	0	0	0	0	0	0	0	0	0	0	0	2	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bromus hordeaceus	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bursaria spinosa	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caladenia spp.	FG	0	0	0	0	0	0	0	0	0	0	0.1	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Callistemon sieberi	SG	0	0	0	0	50	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

		P_4859a_071		P_4859a_072		P_4859a_073		P_4859a_074		P_4859a_075		P_4859a_076		P_4859a_077		P_4859a_078		P_4859a_079		P_4859a_080		P_4859a_081		P_4859a_082		P_4859a_083		P_4859a_084		P_4859a_085	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Callitris endlicheri	TG	0	0	0	0	0	0	20	13	0	0	7	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Callitris glaucophylla	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Calochilus robertsonii	FG	0	0	0	0	0	0	0	0	0.1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Calotis cuneifolia	FG	0	0	0	0	0	0	0	0	0	0	0.3	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Calotis lappulacea	FG	0	0	0	0	0	0	0	0	0	0	0	0	0.4	10	1	50	1	50	0	0	0	0	0	0	0	0	0	0	0	0
Calystegia spp.	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Capsella bursa-pastoris	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carduus pycnocephalus	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carex appressa	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carex inversa	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carthamus lanatus	HT	0	0	0	0	0	0	0	0	0	0	0	0	0.1	1	1	40	3	50	0	0	0.3	10	0.3	4	2	50	0	0	0	0
Carthamus spp.	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cassinia aculeata	SG	0	0	0	0	0	0	0	0	1	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cassinia arcuata	SG	0	0	0	0	0	0	0.1	1	30	500	30	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cassinia cunninghamii	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cassinia quinquefaria	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cassytha glabella	OG	0	0	0	0	0	0	0.1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Casuarina cunninghamiana	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Centaurea calcitrapa	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Centaurea solstitialis	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Centaurium tenuiflorum	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cheilanthes distans	EG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cheilanthes sieberi	EG	0	0	0	0	0	0	0	0	0	0	1	200	0	0	0.3	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cheilanthes sieberi subsp. *sieberi*	EG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chenopodium album	EX	0	0	0.1	20	0	0	0	0	0	0	0	0	0.6	15	0	0	1	30	0	0	0	0	0	0	0	0	0	0	0	0
Chenopodium glaucum	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chenopodium pumilio	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chloris truncata	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chloris ventricosa	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chondrilla juncea	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chrysocephalum apiculatum	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chrysocephalum semipapposum	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cineraria lyratiformis	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cirsium vulgare	EX	0	0	0	0	0	0	0	0	0	0	0	0	0.3	10	1	50	3	50	1	20	1	30	0	0	0.3	20	0	0	0.1	10
Clematis aristata	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Convolvulus erubescens	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	20
Conyza bonariensis	EX	0	0	0.1	20	0.2	40	0	0	1	25	0	0	0	0	3	50	2	50	0	0	0	0	0	0	0	0	0	0	0	0
Conyza sumatrensis	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cotula australis	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crassula sieberiana	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cryptandra spp.	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cucumis myriocarpus	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

		P_4859a_071		P_4859a_072		P_4859a_073		P_4859a_074		P_4859a_075		P_4859a_076		P_4859a_077		P_4859a_078		P_4859a_079		P_4859a_080		P_4859a_081		P_4859a_082		P_4859a_083		P_4859a_084		P_4859a_085	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Cullen tenax	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyclospermum leptophyllum	EX	0	0	0	0	0.1	10	0	0	0	0	0	0	0	0	0	0	2	200	0	0	0	0	0	0	0	0	0	0	0	0
Cymbonotus lawsonianus	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cymbopogon refractus	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cynodon dactylon	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cynoglossum australe	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyperus aggregatus	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyperus gracilis	GG	0	0	0.6	300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	20	0	0	0	0
Cyperus lhotskyanus	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyperus spp.	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dactylis glomerata	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	40	0	0	3	30	2	20	0	0	0	0
Daucus carota	EX	0	0	1	500	0.5	500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Daucus glochidiatus	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Desmodium rhytidophyllum	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Desmodium varians	OG	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dianella caerulea	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dianella longifolia	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dianella revoluta	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dichanthium sericeum	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dichelachne micrantha	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dichelachne spp.	GG	0.5	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dichondra repens	FG	0.1	50	1	500	1	500	0	0	0	0	0	0	0	0	5	100	0.5	40	4	500	0	0	0	0	0	0	0	0	0	0
Dichopogon fimbriatus	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Digitaria brownii	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Digitaria diffusa	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Digitaria ramularis	GG	0	0	0	0	0	0	0	0	1.4	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Digitaria sanguinalis	EX	0	0	0	0	0	0	0	0	0	0	0	0	0.1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dillwynia retorta	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dodonaea viscosa	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drosera peltata	FG	0	0	0	0	0	0	0	0	0	0	0.1	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Drosera spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Echinochloa crus-galli	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Echinopogon caespitosus	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Echinopogon ovatus	GG	0	0	0	0	0	0	0	0	0	0	3	20	0	0	0	0	0	0	1	20	0	0	0	0	0	0	0	0	0	0
Echium plantagineum	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	50
Ehrharta erecta	HT	0	0	0	0	20	5000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Einadia hastata	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Einadia nutans	FG	0	0	0	0	0	0	0	0	0	0	0	0	0.1	1	0.3	10	0.3	10	0	0	0	0	0	0	0	0	0	0	0.5	20
Einadia trigonos	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eleusine tristachya	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	50	0	0	0	0	0	0	0	0
Elymus scaber	GG	25	3000	0	0	5	2000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Entolasia marginata	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

		P_4859a_071		P_4859a_072		P_4859a_073		P_4859a_074		P_4859a_075		P_4859a_076		P_4859a_077		P_4859a_078		P_4859a_079		P_4859a_080		P_4859a_081		P_4859a_082		P_4859a_083		P_4859a_084		P_4859a_085	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Epaltes australis	FG	0	0	0	0	0	0	0	0	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eragrostis brownii	GG	0	0	0	0	0.2	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eragrostis cilianensis	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eragrostis curvula	HT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eragrostis leptostachya	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eriochloa pseudoacrotricha	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Erodium cicutarium	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.6	10	3	200	20	500	2	100	3	40	0	0
Erodium crinitum	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Erodium moschatum	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus albens	TG	0	0	0	0	0	0	0	0	0	0	0	0	10	1	10	3	15	1	0	0	0	0	0	0	0	0	0	0	15	2
Eucalyptus blakelyi	TG	0	0	0	0	0	0	10	7	0	0	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus crebra	TG	0	0	0	0	0	0	0	0	4	5	15	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus dalrympleana	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	10	0	0	0	0	0	0	0	0	0	0
Eucalyptus fibrosa	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus laevopinea	TG	5	1	30	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	3	0	0	0	0	0	0	0	0	0	0
Eucalyptus macrorhyncha	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus mannifera	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus melliodora	TG	15	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus microcarpa	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus moluccana	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus nortonii	TG	15	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus nubila	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus praecox	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus punctata	TG	0	0	0	0	0	0	0	0	20	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus rossii	TG	0	0	0	0	0	0	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus sideroxylon	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eucalyptus sparsifolia	TG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Euchiton involucratus	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Euchiton sphaericus	FG	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Euphorbia drummondii	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eustrephus latifolius	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fimbristylis dichotoma	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Foeniculum vulgare	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gahnia aspera	GG	0	0	0	0	0	0	0	0	0	0	4	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Galium aparine	EX	0	0	0	0	2	500	0	0	0	0	0	0	0	0	0	0	0	0	30	1000	0	0	0	0	0	0	0	0	0	0
Galium australe	FG	0.1	20	0.2	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Galium ciliare	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.4	50	0	0	0	0	0	0	0	0	0	0
Galium leptogonium	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Galium spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geranium homeanum	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	500	0	0	0	0	0	0	0	0	0	0
Geranium molle subsp. molle	EX	0	0	0	0	0.1	50	0	0	0	0	0	0	0	0	3	50	0	0	0	0	0	0	0	0	3	40	2	40	0	0
Geranium retrorsum	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	30	0	0	0	0	0	0	0	0	0	0	0	0

		P_4859a_071		P_4859a_072		P_4859a_073		P_4859a_074		P_4859a_075		P_4859a_076		P_4859a_077		P_4859a_078		P_4859a_079		P_4859a_080		P_4859a_081		P_4859a_082		P_4859a_083		P_4859a_084		P_4859a_085	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Geranium solanderi	FG	1	1000	10	2000	2	500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Geranium spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Glossodia major	FG	0	0	0	0	0	0	0.1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Glycine clandestina	OG	0.2	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Glycine latifolia	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Glycine tabacina	OG	0	0	0	0	0.2	20	0	0	0	0	0	0	0	0	0	0	0	0	0.1	3	0	0	0	0	0	0	0	0	0	0	0
Gomphocarpus fruticosus	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gomphrena celosioides	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gonocarpus teucrioides	FG	0	0	0	0	0	0	0	0	0.5	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Goodenia bellidifolia	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Goodenia hederacea	FG	0	0	0	0	0	0	0	0	0	0	0.5	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Goodenia hederacea subsp. *hederacaea*	FG	0	0	0	0	0	0	2	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Goodenia paniculata	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grevillea spp.	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grevillea triternata	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Haloragis aspera	FG	0	0	0	0	0	0	0	0	0.5	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Haloragis heterophylla	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hardenbergia violacea	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hibbertia acicularis	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hibbertia fasciculata	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hibbertia linearis	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hibbertia obtusifolia	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hirschfeldia incana	EX	0	0	0.1	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Holcus lanatus	EX	0	0	0	0	2	500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hordeum leporinum	EX	0	0	0	0	0	0	0	0	0	0	0	0	5	30	10	100	0	0	0	0	25	100	0	0	0	0	0	0	0.1	30
Hovea linearis	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydrocotyle laxiflora	FG	1	1000	0	0	0	0	0	0	0.5	100	0	0	0	0	5	500	0	0	10	500	0	0	0	0	0.3	40	0	0	0	0	0	0
Hydrocotyle tripartita	FG	0	0	0	0	0.2	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hypericum gramineum	FG	0	0	0	0	0	0	0	0	0.1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	20
Hypericum perforatum	HT	0	0	0	0	0.2	50	0	0	0	0	0.5	20	0	0	0	0	0	0	0	0	0.4	10	0	0	0.6	20	0	0	0	0	0	0
Hypochaeris radicata	EX	0	0	0	0	0	0	0	0	2	100	0	0	0	0	0	0	2	50	0	0	3	80	1	20	2	30	1	20	0	0	0	0
Isolepis spp.	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Joycea pallida	GG	0	0	0	0	0	0	0	0	0.3	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Juncus spp.	GG	0	0	0	0	0.1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Juncus usitatus	GG	0	0	0	0	0	0	0	0	10	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2	0.8	4	0	0	0	0
Kunzea capitata	SG	0	0	0	0	0	0	0.5	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lachnagrostis filiformis	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lactuca serriola	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lagenophora stipitata	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lambertia formosa	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Laxmannia gracilis	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lepidium africanum	EX	0	0	0	0	0	0	0	0	0	0	0	0	0.1	10	0	0	0.5	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0

		P_4859a_071		P_4859a_072		P_4859a_073		P_4859a_074		P_4859a_075		P_4859a_076		P_4859a_077		P_4859a_078		P_4859a_079		P_4859a_080		P_4859a_081		P_4859a_082		P_4859a_083		P_4859a_084		P_4859a_085	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Lepidosperma laterale	GG	0	0	0	0	0	0	0	0	1	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leptospermum polygalifolium	SG	0	0	0	0	0	0	0	0	15	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leucopogon ericoides	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leucopogon juniperinus	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leucopogon lanceolatus	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leucopogon microphyllus	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leucopogon microphyllus var. *microphyllus*	SG	0	0	0	0	0	0	0.3	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leucopogon muticus	SG	0	0	0	0	0	0	1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lobelia purpurascens	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lolium perenne	EX	0	0	35	5000	5	2000	0	0	0	0	0	0	5	50	0	0	10	100	0	0	0	0	0	0	0	0	0.4	5	5	200
Lomandra filiformis	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lomandra glauca	GG	0	0	0	0	0	0	2	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lomandra longifolia	GG	0	0	0	0	0	0	0	0	1	20	0	0	0	0	0	0	0	0	0.5	10	0	0	0	0	0	0	0	0	0	0
Lomandra multiflora	GG	0	0	0	0	0	0	2	50	0	0	4	50	0	0	0	0	0	0	0	0	0	0	0	0	0.2	5	1	30	0	0
Lomandra multiflora subsp. *multiflora*	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lomandra spp.	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lomatia spp.	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lotus spp.	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Macrozamia communis	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Macrozamia spp.	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Malva parviflora	EX	0	0	0	0	0	0	0	0	0	0	0	0	1	10	0	0	1	20	0	0	0.8	20	0	0	0	0	0	0	0.5	50
Marrubium vulgare	EX	0.1	5	0.5	500	0	0	0	0	0	0	0	0	5	40	1	20	2	50	0.2	4	1	20	0.5	4	1	20	0.7	10	1	60
Medicago arabica	EX	0	0	0.5	250	0.4	200	0	0	0	0	0	0	3	50	0	0	0.5	20	0	0	3	50	0	0	3	200	0	0	0	0
Medicago spp.	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Melia azedarach	TG	0	0	0	0	0.1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Melichrus urceolatus	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Melicytus dentatus	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mentha diemenica	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mentha satureioides	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Microlaena stipoides	GG	10	1000	30	1000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Microlaena stipoides var. *stipoides*	GG	0	0	0	0	0	0	0.1	5	10	100	10	200	0	0	0	0	2	30	2	20	0	0	0	0	0	0	0	0	0	0
Microtis spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Modiola caroliniana	EX	0	0	0.2	500	0.2	20	0	0	0	0	0	0	0	0	0.5	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Monotoca elliptica	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nassella trichotoma	HT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.9	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Neptunia gracilis	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Notelaea microcarpa	TG	0	0	0	0	0.1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oenothera indecora	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Olearia elliptica	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Olearia viscosa	SG	0.1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Onopordum acanthium subsp. *acanthium*	EX	0.1	2	0.3	50	1	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Opercularia diphylla	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

		P_4859a_071		P_4859a_072		P_4859a_073		P_4859a_074		P_4859a_075		P_4859a_076		P_4859a_077		P_4859a_078		P_4859a_079		P_4859a_080		P_4859a_081		P_4859a_082		P_4859a_083		P_4859a_084		P_4859a_085	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Opuntia stricta	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Opuntia stricta var. *stricta*	HT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxalis exilis	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oxalis perennans	FG	0.2	40	0	0	0	0	0	0	0	0	0	0	0	0	0.1	10	1	100	0	0	0	0	0	0	0	0	0	0	0.1	50
Oxalis pes-caprae	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	50	0	0
Oxytes brachypoda	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ozothamnus spp.	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pandorea pandorana	OG	0	0	0	0	2	300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Panicum effusum	GG	0	0	0	0	0.1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Panicum simile	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Panicum spp.	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paronychia brasiliana	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paspalidium distans	GG	0	0	0	0	0	0	1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paspalidium gracile	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paspalum dilatatum	HT	0	0	0	0	0	0	0	0	0	0	0	0	1	5	0	0	0	0	0	0	0	0	0	0	0	0	1	10	0	0
Patersonia sericea	FG	0	0	0	0	0	0	1	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Patersonia spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pellaea calidirupium	EG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Persoonia curvifolia	SG	0	0	0	0	0	0	0.3	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Persoonia linearis	SG	0	0	0	0	0	0	0	0	0	0	1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Petrorhagia nanteuilii	EX	0	0	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phalaris aquatica	EX	0	0	0.5	200	1	20	0	0	0	0	0	0	30	200	0	0	0	0	0	0	35	100	35	200	45	200	20	50	0	0
Phebalium obcordatum	SG	0	0	0	0	0	0	0	0	0	0	0.6	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phyllanthus hirtellus	SG	0	0	0	0	0	0	0	0	0.2	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Physalis ixocarpa	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phytolacca octandra	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pimelea curviflora	SG	0.1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pimelea linifolia subsp. *linifolia*	SG	0	0	0	0	0	0	0	0	0	0	0.1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pimelea strigosa	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plantago debilis	FG	0.1	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plantago lanceolata	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	50	0	0	0	0	0.1	2	0	0	0	0	0	0
Plantago varia	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poa annua	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	500	0	0
Poa labillardierei	GG	5	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	50	0	0	0	0	0	0	3	30	0	0
Poa sieberiana	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poa sieberiana var. *sieberiana*	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poa spp.	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Podolepis neglecta	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Polygonum arenastrum	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Polygonum aviculare	EX	0	0	0	0	0.1	50	0	0	0	0	0	0	0	0	0	0	3	200	0	0	1	50	0	0	3	50	0	0	0.2	50
Polymeria calycina	OG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pomax umbellata	FG	0	0	0	0	0	0	40	500	25	400	30	500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

		P_4859a_071		P_4859a_072		P_4859a_073		P_4859a_074		P_4859a_075		P_4859a_076		P_4859a_077		P_4859a_078		P_4859a_079		P_4859a_080		P_4859a_081		P_4859a_082		P_4859a_083		P_4859a_084		P_4859a_085	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Poranthera microphylla	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Portulaca oleracea	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pratia concolor	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pratia purpurascens	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pteridium esculentum	EG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pterostylis spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pultenaea daphnoides	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pultenaea rosmarinifolia	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pultenaea spp.	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ranunculus sessiliflorus	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rosa rubiginosa	HT	0	0	0	0	0.1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rubus anglocandicans	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rubus fruticosus	HT	0	0	0	0	0.5	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rumex acetosella	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rumex brownii	FG	0.1	10	0.1	10	4	50	0	0	0	0	0	0	0	0	0.1	1	0.7	10	0.2	6	0.2	20	1	20	0.3	20	0.1	7	0	0
Rumex crispus	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rytidosperma bipartitum	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rytidosperma caespitosum	GG	0	0	0.5	500	0.4	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rytidosperma carphoides	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	50	0	0	0	0	0	0	0	0	0	0
Rytidosperma monticola	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rytidosperma penicillatum	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rytidosperma pilosum	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rytidosperma racemosum	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	200
Rytidosperma racemosum var. *racemosum*	GG	0	0	0	0	0	0	0.1	1	0	0	0	0	0	0	0	0	0	0	4	50	0	0	0	0	0	0	0	0	0	0
Rytidosperma setaceum	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	50	5	50	0	0
Rytidosperma spp.	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Salvia reflexa	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Salvia verbenaca	EX	0	0	0.6	60	0	0	0	0	0	0	0	0	0	0	7	100	1	40	0	0	0	0	0	0	0	0	0	0	0	0
Schenkia australis	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Schkuhria pinnata	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Schoenus apogon	GG	0	0	0	0	0	0	0	0	1	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Schoenus ericetorum	GG	0	0	0	0	0	0	2	30	0	0	8	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Scleranthus annuus	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Senecio bathurstianus	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Senecio madagascariensis	HT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Senecio microbasis	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Senecio quadridentatus	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Senecio spp.	FG	0.1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Setaria parviflora	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sida corrugata	FG	0	0	0	0	0	0	0	0	0.2	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sida rhombifolia	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sida spinosa	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

		P_4859a_071		P_4859a_072		P_4859a_073		P_4859a_074		P_4859a_075		P_4859a_076		P_4859a_077		P_4859a_078		P_4859a_079		P_4859a_080		P_4859a_081		P_4859a_082		P_4859a_083		P_4859a_084		P_4859a_085	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Sida subspicata	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sigesbeckia australiensis	FG	0	0	0.2	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sigesbeckia orientalis	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Silene gallica	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Silybum marianum	EX	0	0	0.1	10	0.2	30	0	0	0	0	0	0	0	0	0	0	1	30	0	0	0	0	0.3	2	0	0	0	0	1	20
Sisymbrium irio	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sisymbrium officinale	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Solanum chenopodioides	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Solanum cinereum	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Solanum nigrum	EX	0.1	5	0.2	20	1	50	0	0	0	0	0	0	0	0	0	0	0	0	0.1	2	0	0	0	0	0	0	0	0	0	0
Solanum prinophyllum	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Solanum pseudocapsicum	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Solanum seaforthianum	HT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Solanum sisymbriifolium	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Solanum stelligerum	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Solenogyne bellioides	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Solenogyne dominii	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Soliva sessilis	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sonchus oleraceus	EX	0	0	0	0	0.1	30	0	0	0	0	0	0	0.5	7	0.8	20	0.8	50	0.2	5	0.5	40	0	0	0	0	0	0	0.5	20
Sonchus spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sorghum leiocladum	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sporobolus creber	GG	0	0	0	0	0	0	2	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stellaria angustifolia	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stellaria media	EX	0	0	5	1000	3	700	0	0	0	0	0	0	0.1	5	0.3	20	0.1	5	3	200	2	200	15	1000	15	500	2	50	0.5	200
Stenotaphrum secundatum	HT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stuartina muelleri	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Styphelia triflora	SG	0	0	0	0	0	0	1	10	0	0	1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Styphelia tubiflora	SG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Swainsona galegifolia	FG	0.1	5	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.8	4	0	0	0	0	0	0	0	0	0	0
Swainsona spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tagetes minuta	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	50	1	30	0	0	0.5	20	0	0	0.2	6	0	0	0	0
Taraxacum officinale	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Teucrium betchei	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thelymitra spp.	FG	0	0	0	0	0	0	0.1	1	0.1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Themeda triandra	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tragus australianus	GG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tribulus terrestris	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tricoryne elatior	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trifolium angustifolium	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	5	0	0	0	0	0	0	0	0	0	0	0	0
Trifolium arvense	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trifolium campestre	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	50	0	0
Trifolium globosum	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

		P_4859a_071		P_4859a_072		P_4859a_073		P_4859a_074		P_4859a_075		P_4859a_076		P_4859a_077		P_4859a_078		P_4859a_079		P_4859a_080		P_4859a_081		P_4859a_082		P_4859a_083		P_4859a_084		P_4859a_085	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Trifolium glomeratum	EX	0	0	0	0	0	0	0	0	0	0	0	0	1	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trifolium repens	EX	0	0	1	500	0.1	50	0	0	0	0	0	0	6	100	1	100	5	100	5	300	15	500	10	1000	15	500	20	500	0	0
Trifolium spp.	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trifolium subterraneum	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Urochloa panicoides	EX	0	0	0.5	200	5	2000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Urtica dioica	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	100	0	0	0	0	0.1	3	0	0	0	0
Urtica incisa	FG	0.1	3	0.2	75	2	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Urtica urens	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Verbascum thapsus	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Verbena bonariensis	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Veronica plebeia	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vicia hirsuta	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	100	1	20	0	0	0	0	0	0	0	0	0	0
Vicia sativa	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Viola betonicifolia	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Viola spp.	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vittadinia cuneata	FG	0	0	0.1	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vittadinia gracilis	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	5	0	0	0	0	0	0	0	0	0	0	0	0
Vittadinia muelleri	FG	0	0	0	0	0	0	0.3	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vittadinia pterochaeta	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vittadinia sulcata	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wahlenbergia communis	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wahlenbergia gracilis	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wahlenbergia luteola	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wahlenbergia spp.	FG	0.1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wahlenbergia stricta	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wahlenbergia stricta subsp. *stricta*	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wurmbea biglandulosa	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wurmbea dioica	FG	0	0	0	0	0	0	0	0	0	0	1	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Xanthium occidentale	EX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Xanthium spinosum	HT	0	0	0.1	200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	10	0	0	0	0	0	0	0.1	5
Xanthorrhoea glauca	OG	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Zornia dyctiocarpa	FG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 2 BAM Vegetation Integrity Plots Undertaken 2023

		P_4859_086		P_4859_087		P_4859_088		P_4859_089		P_4859_090		P_4859_091		P_4859_092		P_4859_093		P_4859_094		P_4859_095		P_4859_096		P_4859_097		P_4859_098		P_4859_099	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Acacia buxifolia	SG																												
Acacia buxifolia subsp. *buxifolia*	SG																												
Acacia decora	SG																												
Acacia falciformis	SG																												
Acacia gladiiformis	SG																												
Acacia linearifolia	TG																												
Acacia spp.	SG																												
Acacia uncinata	SG																												
Acaena novae-zelandiae	FG															0	0			5	100								
Acaena spp.	FG					2	500			0.5	100																		
Acetosella vulgaris	HT	0.2	50	0.2	20																								
Acrotriche rigida	SG																												
Allocasuarina littoralis	TG																												
Alternanthera denticulata	FG																							0.1	2				
Alternanthera nana	FG											0.2	5																
Alternanthera pungens	HT																												
Angophora floribunda	TG																												
Anthosachne scabra	GG					0.2	10	1	50									5	100	1	50							5	100
Aristida personata	GG																												
Aristida ramosa	GG																							20	100	40	500	30	1000
Aristida spp.	GG																												
Aristida vagans	GG																												
Arthropodium spp.	FG													0.1	1														
Arundinella nepalensis	GG																												
Asperula conferta	FG															0.2	50			0.3	100								
Astroloma humifusum	SG																												
Austrostipa aristiglumis	GG	60	500	15	100	5	50	1	20	30	500	50	500																
Austrostipa densiflora	GG																												
Austrostipa scabra	GG					10	500	1	50															0.5	50	0.3	10		
Austrostipa spp.	GG																			0.5	50								
Austrostipa verticillata	GG																									0.1	1	0.1	1
Avena spp.	EX																	35	1000										
Bidens pilosa	HT													0.1	2					0.2	10								
Bidens subalternans	HT																							0.2	50			0.1	10
Billardiera scandens	OG																												
Boerhavia dominii	FG	0.2	10																										
Boronia glabra	SG																												
Bossiaea concolor	SG																												
Bossiaea obcordata	SG																												

		P_4859_086		P_4859_087		P_4859_088		P_4859_089		P_4859_090		P_4859_091		P_4859_092		P_4859_093		P_4859_094		P_4859_095		P_4859_096		P_4859_097		P_4859_098		P_4859_099	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Bossiaea spp.	SG																												
Bothriochloa decipiens var. *decipiens*	GG					3	100	3	100	1	50													10	500	5	100		
Bothriochloa macra	GG			1	100															0.3	50							10	500
Brachychiton populneus	TG																												
Brachyloma daphnoides	SG																												
Brassicaceae indeterminate	EX	1	100	1	100			1	100					0.1	3					2	100	1	100						
Briza subaristata	HT																												
Bromus catharticus	EX													25	1000			20	1000	10	100	0.5	50						
Bromus diandrus	HT																	0.2	5										
Bromus molliformis	EX																												
Callistemon sieberi	SG																					30	50						
Callitris endlicheri	TG																												
Calotis cuneifolia	FG																												
Calotis lappulacea	FG																											1	50
Calotis spp.	FG			0.1	2																								
Capsella bursa-pastoris	EX									0.3	50																		
Carex appressa	GG																							0.1	1	0.1	1	0.1	1
Carex incomitata	GG																												
Carex inversa	GG			1	500	0.2	100											5	1000					0.5	100	0.5	100	5	1000
Carthamus lanatus	HT																												
Cassinia laevis	SG																												
Cassinia quinquefaria	SG																												
Cassinia sifton	SG																											0.1	1
Cassytha pubescens	OG																												
Casuarina cunninghamiana subsp. *cunninghamiana*	TG																					40	4						
Cenchrus clandestinus	HT																												
Chamaesyce drummondii	FG																												
Cheilanthes sieberi	EG																							0.2	50	0.3	100		
Chenopodium spp.	SG																												
Chloris truncata	GG			5	500					1	100	3	100																
Chloris ventricosa	GG																							20	500	1	50	0.5	50
Chloris virgata	EX																												
Chondrilla juncea	EX					0.1	3	0.1	2																	0.3	10	2	50
Chrysocephalum apiculatum	FG																							1	100				
Cirsium vulgare	EX	0.2	50	0.2	20	10	100	3	100	0.3	20	3	50	0.3	20	1	50	1	50	0.3	20	0.3	3			0.1	3	0.1	3
Clematis glycinoides	OG													0.2	5														
Conyza bonariensis	EX			0.1	5																								
Conyza spp.	EX					0.3	100			0.1	10	0.3	20											0.1	3				
Correa reflexa	SG																												
Cotula australis	FG																											0.1	3

		P_4859_086		P_4859_087		P_4859_088		P_4859_089		P_4859_090		P_4859_091		P_4859_092		P_4859_093		P_4859_094		P_4859_095		P_4859_096		P_4859_097		P_4859_098		P_4859_099	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Cyclospermum leptophyllum	EX											1	100																
Cymbonotus lawsonianus	FG																												
Cymbopogon refractus	GG																							0.2	20				
Cynodon dactylon	GG	5	100	5	500	50	1000			10	100											5	50	2	50				
Cyperaceae indeterminate	EX											10	1000																
Cyperus eragrostis	HT																					0.2	2						
Cyperus gracilis	GG																							1	500	1	100	5	1000
Dactylis glomerata	EX																					0.5	50						
Dampiera stricta	FG																												
Daucus carota	EX																												
Daucus glochidiatus	FG							0.1	10							0.1	1			0.1	10	0.1	10						
Daviesia genistifolia	SG																												
Desmodium varians	OG																			0.1	1								
Dianella caerulea	FG																												
Dianella longifolia	FG																												
Dianella revoluta	FG																												
Dichanthium sericeum	GG											0.2	10																
Dichelachne micrantha	GG																												
Dichondra repens	FG	0.1	1	0.1	2			0.3	20	0.4	100	2	100							0.2	20	0.1	3	0.3	50			0.2	10
Digitaria brownii	GG																									0.3	50		
Digitaria diffusa	GG																												
Digitaria divaricatissima	GG																							0.3	20				
Digitaria parviflora	GG																												
Digitaria ramularis	GG																												
Digitaria spp.	GG																												
Dodonaea viscosa	SG																												
Dysphania cristata	FG													0.1	2														
Echinopogon caespitosus	GG																												
Echium plantagineum	EX																												
Ehrharta erecta	HT																					30	500						
Einadia hastata	FG																							0.2	10			0.3	50
Einadia nutans	FG							0.1	3					0.2	10	0.2	20			0.2	20			0.3	20	0.1	3	0.2	20
Eleusine tristachya	EX			0.1	10							0.2	20																
Elymus repens	EX																												
Entolasia stricta	GG																												
Eragrostis brownii	GG																												
Eragrostis curvula	HT																												
Eragrostis leptostachya	GG																							10	500				
Eragrostis spp.	GG																												
Eriochloa pseudoacrotricha	GG																							1	100	1	100		

		P_4859_086		P_4859_087		P_4859_088		P_4859_089		P_4859_090		P_4859_091		P_4859_092		P_4859_093		P_4859_094		P_4859_095		P_4859_096		P_4859_097		P_4859_098		P_4859_099	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Erodium cicutarium	EX																												
Erodium crinitum	FG									0.1	2																		
Eucalyptus albens	TG																												
Eucalyptus albens <--> moluccana	TG																												
Eucalyptus blakelyi	TG																												
Eucalyptus crebra	TG																							30	2				
Eucalyptus fibrosa	TG																												
Eucalyptus laevopinea	TG													15	2														
Eucalyptus macrorhyncha	TG																												
Eucalyptus melliodora	TG			20	1			30	2					20	6														
Eucalyptus nortonii	TG															30	10			30	2								
Eucalyptus punctata	TG																												
Eucalyptus rossii	TG																												
Eucalyptus sparsifolia	TG																												
Euchiton spp.	FG											0.2	10																
Fimbristylis dichotoma	GG																							0.1	10	0.3	100		
Gahnia aspera	GG																												
Galium aparine	EX																			0.1	3	0.1	3						
Galium leiocarpum	FG																			0.2	20								
Galium spp.	FG													0.3	100	0.3	50												
Gamochaeta calviceps	EX																												
Geitonoplesium cymosum	OG													0.2	4														
Geranium homeanum	FG																												
Geranium retrorsum	FG																			0.2	50								
Geranium solanderi	FG							0.4	50					0.3	50	0.5	100					0.2	10			0.1	5	2	100
Geranium spp.	FG																												
Glycine clandestina	OG																												
Glycine spp.	OG			0.1	2																								
Glycine tabacina	OG							0.2	20											0.1	10			0.1	5				
Gomphocarpus fruticosus	EX																							0.1	2				
Gompholobium huegelii	SG																												
Gonocarpus tetragynus	FG																												
Goodenia hederacea	FG																												
Grevillea ramosissima subsp. *ramosissima*	SG																												
Grevillea sericea subsp. *sericea*	SG																												
Haloragis heterophylla	FG																											0.2	50
Hardenbergia violacea	OG																												
Hibbertia fasciculata	SG																												
Hibbertia obtusifolia	SG																												
Hovea lanceolata	SG																												

		P_4859_086		P_4859_087		P_4859_088		P_4859_089		P_4859_090		P_4859_091		P_4859_092		P_4859_093		P_4859_094		P_4859_095		P_4859_096		P_4859_097		P_4859_098		P_4859_099	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Hydrocotyle laxiflora	FG																												
Hydrocotyle spp.	FG															0.1	10												
Hypericum gramineum	FG																												
Hypericum perforatum	HT	0.1	10					15	100							0.2	10	0.2	20	0.2	20								
Hypochaeris glabra	EX																												
Hypochaeris radicata	EX													0.1	5	0.1	3	3	100									0.3	100
Juncus australis	GG											1	20																
Juncus continuus	GG																												
Juncus filicaulis	GG	0.1	1	0.1	2											0.1	1	0.1	2										
Juncus homalocaulis	GG																									0.1	3		
Juncus spp.	GG																												
Juncus subsecundus	GG																												
Juncus usitatus	GG																							0.5	20	3	50	0.6	10
Lachnagrostis spp.	GG																					0.3	10						
Lamiaceae indeterminate	EX																												
Lamium amplexicaule	EX																					0.1	2						
Laxmannia gracilis	FG																												
Lepidium africanum	EX											0.3	20											0.2	20				
Lepidosperma gunnii	GG																												
Lepidosperma laterale	GG																												
Leptospermum polygalifolium	SG																												
Leucopogon muticus	SG																												
Lobelia concolor	FG															0.1	20												
Lobelia purpurascens	FG																												
Lolium spp.	EX																	10	500										
Lomandra confertifolia	GG																												
Lomandra filiformis	GG																							0.2	20	0.3	20		
Lomandra filiformis subsp. *coriacea*	GG																												
Lomandra glauca	GG																												
Lomandra longifolia	GG																												
Lomandra multiflora subsp. *multiflora*	GG															1	20			0.5	10								
Lomandra spp.	GG																												
Lysimachia arvensis	EX																					0.1	1			0.1	3	0.3	50
Macrozamia spp.	OG																												
Malva parviflora	EX	0.1	1			5	500			10	1000									0.2	50								
Marrubium vulgare	EX							0.3	20					2	50					0.2	10							0.1	3
Medicago spp.	EX	1	500			5	500	5	500	7	500					0.2	50			0.3	50					0.2	50	0.5	100
Melaleuca thymifolia	SG																												
Melichrus erubescens	SG																												
Melicytus dentatus	SG																												

		P_4859_086		P_4859_087		P_4859_088		P_4859_089		P_4859_090		P_4859_091		P_4859_092		P_4859_093		P_4859_094		P_4859_095		P_4859_096		P_4859_097		P_4859_098		P_4859_099	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Mentha satureioides	FG									0.1	5	1	100							10	1000								
Mentha spp.	FG															0.1	10												
Microlaena stipoides	GG			1	100	1	500	10	500					40	100	40	1000	30	1000	25	1000	30	0	10	500				
Microlaena stipoides var. stipoides	GG																												
Modiola caroliniana	EX			0.2	20			0.1	10					0.3	50	0.3	100			0.2	10							0.3	20
Myoporum montanum	SG																											0.1	1
Oenothera indecora subsp. *bonariensis*	EX											0.1	3																
Oenothera stricta	EX							0.1	5																				
Opercularia diphylla	FG																												
Opuntia stricta	EX																							0.1	3	1	2		
Oxalis perennans	FG					0.2	100			0.3	100	0.3	50	0.1	10			0.1	3	0.1	3			0.1	10	0.1	10	2	500
Oxytes brachypoda	FG																												
Panicum simile	GG																							1	50				
Panicum spp.	GG											0.5	100																
Paronychia brasiliana	EX					1	500													0.1	4					0.1	2		
Paspalidium distans	GG																												
Paspalidium spp.	GG									5	500	1	100																
Paspalum dilatatum	HT																												
Persoonia linearis	SG																												
Phalaris aquatica	EX			20	100			15	500					1	50	1	50	0.2	3										
Phyllanthus hirtellus	SG																												
Phyllanthus virgatus	FG																												
Phytolacca octandra	EX													0.2	1														
Pimelea curviflora	SG							0.1	4																				
Pimelea curvifolia	SG																			0.1	1								
Plantago debilis	FG																												
Plantago lanceolata	EX																							0.2	20			0.1	10
Plantago spp.	FG							0.1	10																				
Platysace ericoides	SG																												
Poa labillardierei var. *labillardierei*	GG																					0.4	4						
Poa spp.	GG																			1	20								
Podolobium ilicifolium	SG																												
Polygonum arenastrum	EX																												
Polygonum aviculare	EX	0.3	100							0.1	10	7	1000																
Polygonum spp.	FG			0.1	5																								
Pomax umbellata	FG																												
Poranthera microphylla	FG																												
Portulaca oleracea	FG									0.1	3																		
Pteridium esculentum	EG																												
Pultenaea cinerascens	SG																												

Species Name	GF	P_4859_086		P_4859_087		P_4859_088		P_4859_089		P_4859_090		P_4859_091		P_4859_092		P_4859_093		P_4859_094		P_4859_095		P_4859_096		P_4859_097		P_4859_098		P_4859_099	
		C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A
Pultenaea microphylla	SG																												
Rapistrum rugosum	EX											1	50																
Richardia stellaris	EX																												
Rosa rubiginosa	HT													0.1	3	0.1	2												
Rubus anglocandicans	EX													0.2	2	0.5	10					0.3	1						
Rumex brownii	FG															0.2	50	0.2	10	0.3	50	0.1	4	0.2	20	0.3	30	0.3	20
Rumex crispus	EX											0.1	1																
Rumex spp.	FG	0.1	3	0.1	10	0.1	10			0.2	20	1	100	0.2	10														
Rytidosperma bipartitum	GG									5	500																		
Rytidosperma bipartitum	GG																												
Rytidosperma erianthum	GG			1	100			0.5	100			5	500			1	100												
Rytidosperma monticola	GG																												
Rytidosperma setaceum	GG																												
Rytidosperma sp.	GG					3	100																						
Rytidosperma spp.	GG	0.5	100			0.3	50							0.5	50					0.4	50								
Salvia verbenaca	EX							3	100	0.2	10									1	100							0.2	20
Sannantha cunninghamii	SG																												
Schkuhria pinnata	EX																												
Sclerolaena muricata	SG											0.1	1																
Senecio bathurstianus	FG																												
Senecio madagascariensis	HT																												
Senecio quadridentatus	FG							0.1	1																				
Senecio spp.	FG																					0.1	4						
Setaria parviflora	EX																							5	100			10	500
Sida corrugata	FG							0.1	4															0.2	20	0.1	5	0.1	5
Sida rhombifolia	EX																							0.1	3				
Sida spp.	FG																												
Silybum marianum	EX	0.1	3									10	500							0.1	3	0.2	2						
Solanum campanulatum	SG																												
Solanum nigrum	EX							0.2	10					0.1	3	0.1	5			0.1	2	0.1	3			0.2	6	0.1	1
Solanum prinophyllum	FG																												
Solanum spp.	FG																											0.6	20
Solenogyne bellioides	FG																												
Sonchus oleraceus	EX	0.1	5	0.1	4									0.1	2							0.1	3						
Sporobolus creber	GG																							20	500	30	500	10	500
Stachys arvensis	EX	0.1	30									10	1000																
Stellaria media	EX																					0.2	20						
Stypandra glauca	FG																												
Styphelia spp.	SG																												
Styphelia triflora	SG																												

		P_4859_086		P_4859_087		P_4859_088		P_4859_089		P_4859_090		P_4859_091		P_4859_092		P_4859_093		P_4859_094		P_4859_095		P_4859_096		P_4859_097		P_4859_098		P_4859_099	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Swainsona spp.	FG																			0.1	4								
Tagetes minuta	EX													0.1	3					0.1	2			0.1	1				
Taraxacum officinale	EX			0.1	3	0.3	50	0.2	20	0.2	50	0.3	30	0.1	1	0.5	100			0.4	50	0.3	50					0.2	20
Teucrium betchei	FG																												
Themeda triandra	GG																												
Trifolium repens	EX			0.1	5	0.1	10			0.2	20			0.2	20	0.2	20	2	100	0.4	50	5	500					0.2	20
Urochloa panicoides	EX	1	100	0.2	50					1	100											0.1	5					0.1	3
Urtica incisa	FG					2	100	0.3	20																			0.2	3
Urtica urens	EX													0.3	500	0.3	30	0.1	5	1	100	10	500						
Verbena bonariensis	EX	0.1	1	0.2	20			0.2	20			0.2	4											0.2	10	0.2	10	0.2	20
Veronica calycina	FG																												
Veronica plebeia	FG																												
Vittadinia cuneata	FG																												
Vittadinia muelleri	FG																												
Vittadinia spp.	FG					0.1	2																						
Wahlenbergia spp.	FG																			0.1	5								
Xanthium spinosum	HT					0.2	5			0.1	4	0.1	1			0.1	1					0.2	5						
Xanthorrhoea spp.	OG																												
Zieria aspalathoides	SG																												

		4859_100		4859_101		P_4859_102		P_4859_103		P_4859_104		P_4859_105		P_4859_106		P_4859_107		P_4859_108		P_4859_109		P_4859_110		P_4859_111		P_4859_112		P_4859_113	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Acacia buxifolia	SG																	0.2	4										
Acacia buxifolia subsp. *buxifolia*	SG													2	50														
Acacia decora	SG									0.2	5																		
Acacia falciformis	SG																			0.1	1								
Acacia gladiiformis	SG																			2	50								
Acacia linearifolia	TG	10	40							2	10							3	10										
Acacia spp.	SG															0.1	4					0.1	1			0.1	2		
Acacia uncinata	SG																			0.2	3								
Acaena novae-zelandiae	FG																												
Acaena spp.	FG																												
Acetosella vulgaris	HT																									0.1	1		
Acrotriche rigida	SG																												
Allocasuarina littoralis	TG											0.1	1																
Alternanthera denticulata	FG																												

		4859_100		4859_101		P_4859_102		P_4859_103		P_4859_104		P_4859_105		P_4859_106		P_4859_107		P_4859_108		P_4859_109		P_4859_110		P_4859_111		P_4859_112		P_4859_113	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Alternanthera nana	FG																												
Alternanthera pungens	HT							0.2	20																				
Angophora floribunda	TG									30	20	0.1	1	3	5	40	20			10	0			1	50	3	0		
Anthosachne scabra	GG																					0.2	20						
Aristida personata	GG																					35	500					0.2	5
Aristida ramosa	GG					1	20	1	20															5	100	30	0	45	1000
Aristida spp.	GG													15	100					5	100								
Aristida vagans	GG									5	100	15	100					15	500										
Arthropodium spp.	FG																												
Arundinella nepalensis	GG																			5	50								
Asperula conferta	FG																					0.1	5						
Astroloma humifusum	SG	0.5	5							0.5	20													0.2	10	2	50	2	50
Austrostipa aristiglumis	GG					70	0	40	0																				
Austrostipa densiflora	GG																												
Austrostipa scabra	GG							10	100			0.1	2																
Austrostipa spp.	GG									0.5	20			0.2	3														
Austrostipa verticillata	GG							2	50																				
Avena spp.	EX																												
Bidens pilosa	HT																												
Bidens subalternans	HT																												
Billardiera scandens	OG																			0.1	3								
Boerhavia dominii	FG																												
Boronia glabra	SG																												
Bossiaea concolor	SG													0.1	2														
Bossiaea obcordata	SG																			0.1	4								
Bossiaea spp.	SG									0.1	2																		
Bothriochloa decipiens var. *decipiens*	GG									0.3	50	0.2	20									1	50			0.3	20		
Bothriochloa macra	GG							5	100																				
Brachychiton populneus	TG	0.1	1																										
Brachyloma daphnoides	SG																			0.2	10								
Brassicaceae indeterminate	EX					0.5	100																						
Briza subaristata	HT									0.1	5																		
Bromus catharticus	EX																												
Bromus diandrus	HT																												
Bromus molliformis	EX																												
Callistemon sieberi	SG																												
Callitris endlicheri	TG													2	1			3	3										
Calotis cuneifolia	FG									0.2	20											0.2	20			0.2	20		
Calotis lappulacea	FG																					5	100			0.4	50		
Calotis spp.	FG																												

		4859_100		4859_101		P_4859_102		P_4859_103		P_4859_104		P_4859_105		P_4859_106		P_4859_107		P_4859_108		P_4859_109		P_4859_110		P_4859_111		P_4859_112		P_4859_113	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Capsella bursa-pastoris	EX																												
Carex appressa	GG																												
Carex incomitata	GG															10	50												
Carex inversa	GG																												
Carthamus lanatus	HT							0.2	4																				
Cassinia laevis	SG	2	10																										
Cassinia quinquefaria	SG																	0.2	3										
Cassinia sifton	SG	30	100							30	100	5	50	0.4	20	0.1	2	15	100	1	20	30	100	0.3	50	30	100	45	100
Cassytha pubescens	OG													0.2	10					0.2	50								
Casuarina cunninghamiana subsp. *cunninghamiana*	TG																												
Cenchrus clandestinus	HT																												
Chamaesyce drummondii	FG																					0.1	5						
Cheilanthes sieberi	EG	0.1	10							0.2	10	0.2	20	0.2	20			0.3	100			0.1	10	0.4	100	0.1	10	0.2	20
Chenopodium spp.	SG																												
Chloris truncata	GG					10	500	5	100																				
Chloris ventricosa	GG							3	100			0.2	20																
Chloris virgata	EX																												
Chondrilla juncea	EX																												
Chrysocephalum apiculatum	FG											0.2	5													0.1	5		
Cirsium vulgare	EX					0.2	20	0.2	10			0.1	3									0.2	20						
Clematis glycinoides	OG																												
Conyza bonariensis	EX	0.1	5																			0.4	50						
Conyza spp.	EX					0.1	3	0.1	5			0.1	4													0.2	20		
Correa reflexa	SG													0.2	20														
Cotula australis	FG																												
Cyclospermum leptophyllum	EX																												
Cymbonotus lawsonianus	FG							0.1	10																				
Cymbopogon refractus	GG									1	50													1	20	0.2	20	5	50
Cynodon dactylon	GG							5	50																				
Cyperaceae indeterminate	EX																												
Cyperus eragrostis	HT																												
Cyperus gracilis	GG																												
Dactylis glomerata	EX																												
Dampiera stricta	FG																			0.5	100								
Daucus carota	EX							0.2	50																				
Daucus glochidiatus	FG																												
Daviesia genistifolia	SG									0.1	1																		
Desmodium varians	OG									0.1	10											0.3	50						
Dianella caerulea	FG	1	20																										
Dianella longifolia	FG											0.1	1									0.1	1	0.1	2				

		4859_100		4859_101		P_4859_102		P_4859_103		P_4859_104		P_4859_105		P_4859_106		P_4859_107		P_4859_108		P_4859_109		P_4859_110		P_4859_111		P_4859_112		P_4859_113	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Dianella revoluta	FG											0.1	1	0.2	10			0.2	20	1	100			0.1	2	0.4	20		
Dichanthium sericeum	GG							0.2	10																				
Dichelachne micrantha	GG	1	40							2	100	10	100	0.2	10					0.1	2	3	50	50	500	5	100	3	100
Dichondra repens	FG	0.5	20			0.1	10	5	500	0.2	20											0.3	50						
Digitaria brownii	GG																												
Digitaria diffusa	GG															0.2	10					0.2	20						
Digitaria divaricatissima	GG																												
Digitaria parviflora	GG																											0.2	10
Digitaria ramularis	GG																												
Digitaria spp.	GG													0.2	10			0.2	10	0.3	50								
Dodonaea viscosa	SG																												
Dysphania cristata	FG																												
Echinopogon caespitosus	GG	1	50							5	100			10	100			8	500					0.5	20	0.5	100		
Echium plantagineum	EX																												
Ehrharta erecta	HT																												
Einadia hastata	FG																												
Einadia nutans	FG									0.1	3																		
Eleusine tristachya	EX																												
Elymus repens	EX																												
Entolasia stricta	GG													1	50														
Eragrostis brownii	GG											0.2	20															25	500
Eragrostis curvula	HT																												
Eragrostis leptostachya	GG											0.3	20									1	50			1	100		
Eragrostis spp.	GG									0.3	30																		
Eriochloa pseudoacrotricha	GG																												
Erodium cicutarium	EX							0.1	5																				
Erodium crinitum	FG																												
Eucalyptus albens	TG																												
Eucalyptus albens <--> moluccana	TG							0	0													10	2						
Eucalyptus blakelyi	TG											20	20							1	1			10	3	1	0	30	5
Eucalyptus crebra	TG	5	15																					0.1	3				
Eucalyptus fibrosa	TG			20	10																								
Eucalyptus laevopinea	TG																												
Eucalyptus macrorhyncha	TG																									25	30		
Eucalyptus melliodora	TG											2	2									10	4						
Eucalyptus nortonii	TG																												
Eucalyptus punctata	TG																					2	1						
Eucalyptus rossii	TG													30	10			15	6	5	1								
Eucalyptus sparsifolia	TG	15	8																										
Euchiton spp.	FG																												

		4859_100		4859_101		P_4859_102		P_4859_103		P_4859_104		P_4859_105		P_4859_106		P_4859_107		P_4859_108		P_4859_109		P_4859_110		P_4859_111		P_4859_112		P_4859_113	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Fimbristylis dichotoma	GG											0.5	100													0.1	2		
Gahnia aspera	GG	0.1	2							1	20	0.2	10	2	20			7	50			0.3	10	0.2	3	0.2	3	1	20
Galium aparine	EX																												
Galium leiocarpum	FG																												
Galium spp.	FG																												
Gamochaeta calviceps	EX																												
Geitonoplesium cymosum	OG																												
Geranium homeanum	FG																												
Geranium retrorsum	FG																												
Geranium solanderi	FG							0.1	4			0.1	5			0.3	50					0.2	20						
Geranium spp.	FG																												
Glycine clandestina	OG	0.1	5																							0.1	3		
Glycine spp.	OG																												
Glycine tabacina	OG									0.2	20	0.3	50			0.2	20					0.2	50						
Gomphocarpus fruticosus	EX					0.1	1																						
Gompholobium huegelii	SG													0.5	20														
Gonocarpus tetragynus	FG	0.1	1																										
Goodenia hederacea	FG									0.1	10	0.1	2	0.4	50			0.2	50	0.2	20								
Grevillea ramosissima subsp. *ramosissima*	SG																	0.1	1										
Grevillea sericea subsp. *sericea*	SG																			0.2	4								
Haloragis heterophylla	FG									0.1	3																	0.5	100
Hardenbergia violacea	OG																			0.2	2					0.1	1		
Hibbertia fasciculata	SG																			1	50								
Hibbertia obtusifolia	SG																			1	50								
Hovea lanceolata	SG																												
Hydrocotyle laxiflora	FG	1	50									0.1	5									0.5	100	0.2	50	0.2	20		
Hydrocotyle spp.	FG																												
Hypericum gramineum	FG																											0.1	2
Hypericum perforatum	HT											0.1	3									0.1	2			0.3	20	0.3	10
Hypochaeris glabra	EX	0.2	200																										
Hypochaeris radicata	EX					0.4	100	2	500	0.1	10	0.2	20					0.1	3			0.2	20	0.3	100	0.1	5	0.1	5
Juncus australis	GG																												
Juncus continuus	GG															0.2	10												
Juncus filicaulis	GG																												
Juncus homalocaulis	GG																												
Juncus spp.	GG																												
Juncus subsecundus	GG									0.2	5	0.1	4													0.3	10		
Juncus usitatus	GG																							0.2	20			2	50
Lachnagrostis spp.	GG																												
Lamiaceae indeterminate	EX					5	1000	2	1000																				

		4859_100		4859_101		P_4859_102		P_4859_103		P_4859_104		P_4859_105		P_4859_106		P_4859_107		P_4859_108		P_4859_109		P_4859_110		P_4859_111		P_4859_112		P_4859_113	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Lamium amplexicaule	EX																												
Laxmannia gracilis	FG											0.5	100					0.1	5					0.1	5			0.1	4
Lepidium africanum	EX							0.1	5																				
Lepidosperma gunnii	GG													0.1	1														
Lepidosperma laterale	GG									0.2	3									0.1	2								
Leptospermum polygalifolium	SG																			0.5	3								
Leucopogon muticus	SG									0.2	3			8	100			15	0	2	20								
Lobelia concolor	FG																												
Lobelia purpurascens	FG																												
Lolium spp.	EX																												
Lomandra confertifolia	GG																			10	100								
Lomandra filiformis	GG																												
Lomandra filiformis subsp. *coriacea*	GG																												
Lomandra glauca	GG													1	100			0.2	50	0.5	100			1	100	2	10		
Lomandra longifolia	GG																												
Lomandra multiflora subsp. *multiflora*	GG	0.1	2							0.4	20	0.2	4	1	10			0.3	20	0.3	10							0.1	1
Lomandra spp.	GG							0.1	2																				
Lysimachia arvensis	EX											0.1	3									0.1	3						
Macrozamia spp.	OG																			0.1	1								
Malva parviflora	EX					0.1	20																						
Marrubium vulgare	EX							0.1	3																				
Medicago spp.	EX					0.5	100	1	100																				
Melaleuca thymifolia	SG																							0.3	10				
Melichrus erubescens	SG																												
Melicytus dentatus	SG															25	20												
Mentha satureioides	FG							0.1	20													0.2	50						
Mentha spp.	FG																												
Microlaena stipoides	GG									5	100	10	500	10	500	70	1000	10	500	0.5	50	30	0	1	100	5	100		
Microlaena stipoides var. stipoides	GG	20	400																										
Modiola caroliniana	EX																												
Myoporum montanum	SG																												
Oenothera indecora subsp. *bonariensis*	EX																												
Oenothera stricta	EX																												
Opercularia diphylla	FG													0.1	2														
Opuntia stricta	EX									0.1	1															0.1	2	0.1	1
Oxalis perennans	FG					0.1	10	0.3	100																				
Oxytes brachypoda	FG																					1	50						
Panicum simile	GG											0.3	20															0.5	50
Panicum spp.	GG																												
Paronychia brasiliana	EX							0.1	10																				

		4859_100		4859_101		P_4859_102		P_4859_103		P_4859_104		P_4859_105		P_4859_106		P_4859_107		P_4859_108		P_4859_109		P_4859_110		P_4859_111		P_4859_112		P_4859_113	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Paspalidium distans	GG																												
Paspalidium spp.	GG																												
Paspalum dilatatum	HT																												
Persoonia linearis	SG									0.2	4			1	5					1	5					0.2	3		
Phalaris aquatica	EX																												
Phyllanthus hirtellus	SG	0.1	15																	0.2	50								
Phyllanthus virgatus	FG											0.1	5																
Phytolacca octandra	EX																												
Pimelea curviflora	SG																												
Pimelea curvifolia	SG																												
Plantago debilis	FG							0.1	4													0.3	50						
Plantago lanceolata	EX									0.2	20	0.2	50																
Plantago spp.	FG																												
Platysace ericoides	SG													5	100					15	100								
Poa labillardierei var. *labillardierei*	GG																												
Poa spp.	GG											15	100																
Podolobium ilicifolium	SG																												
Polygonum arenastrum	EX																												
Polygonum aviculare	EX																												
Polygonum spp.	FG																												
Pomax umbellata	FG									0.1	10			0.2	50			0.2	20	5	500					0.1	5		
Poranthera microphylla	FG																												
Portulaca oleracea	FG																												
Pteridium esculentum	EG															0.2	4												
Pultenaea cinerascens	SG																												
Pultenaea microphylla	SG									0.1	1																		
Rapistrum rugosum	EX																												
Richardia stellaris	EX																							0.1	1				
Rosa rubiginosa	HT																												
Rubus anglocandicans	EX											0.1	1																
Rumex brownii	FG					0.3	50									0.2	50												
Rumex crispus	EX																												
Rumex spp.	FG																												
Rytidosperma bipartitum	GG																												
Rytidosperma bipartitum	GG																												
Rytidosperma erianthum	GG							5	100																				
Rytidosperma monticola	GG													0.1	10														
Rytidosperma setaceum	GG																												
Rytidosperma sp.	GG																												
Rytidosperma spp.	GG																							1	50				

		4859_100		4859_101		P_4859_102		P_4859_103		P_4859_104		P_4859_105		P_4859_106		P_4859_107		P_4859_108		P_4859_109		P_4859_110		P_4859_111		P_4859_112		P_4859_113	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Salvia verbenaca	EX							0.1	3																				
Sannantha cunninghamii	SG																	0.1	3										
Schkuhria pinnata	EX																												
Sclerolaena muricata	SG					0.2	4																						
Senecio bathurstianus	FG											0.1	5																
Senecio madagascariensis	HT																							0.1	2				
Senecio quadridentatus	FG																												
Senecio spp.	FG																												
Setaria parviflora	EX											1	50																
Sida corrugata	FG											0.1	1																
Sida rhombifolia	EX																												
Sida spp.	FG																												
Silybum marianum	EX					0.3	20	0.1	3																				
Solanum campanulatum	SG	0.5	4																										
Solanum nigrum	EX																												
Solanum prinophyllum	FG																					0.2	4						
Solanum spp.	FG																												
Solenogyne bellioides	FG																					0.1	10						
Sonchus oleraceus	EX																												
Sporobolus creber	GG									3	100	5	100									0.5	50	5	100	0.5	50	5	100
Stachys arvensis	EX																												
Stellaria media	EX															0.3	50												
Stypandra glauca	FG																												
Styphelia spp.	SG																											0.1	1
Styphelia triflora	SG	0.2	5											0.1	2			0.2	10	2	30					1	20		
Swainsona spp.	FG																												
Tagetes minuta	EX																												
Taraxacum officinale	EX																												
Teucrium betchei	FG	2	15																			1	50						
Themeda triandra	GG											30	500							0.1	2								
Trifolium repens	EX																												
Urochloa panicoides	EX																												
Urtica incisa	FG																												
Urtica urens	EX															0.2	20												
Verbena bonariensis	EX											0.2	50			0.1	4									0.2	20		
Veronica calycina	FG																									0.1	3		
Veronica plebeia	FG													0.1	3	0.1	5					0.1	10						
Vittadinia cuneata	FG							0.1	4																				
Vittadinia muelleri	FG									0.1	5																		
Vittadinia spp.	FG																					0.2	10						

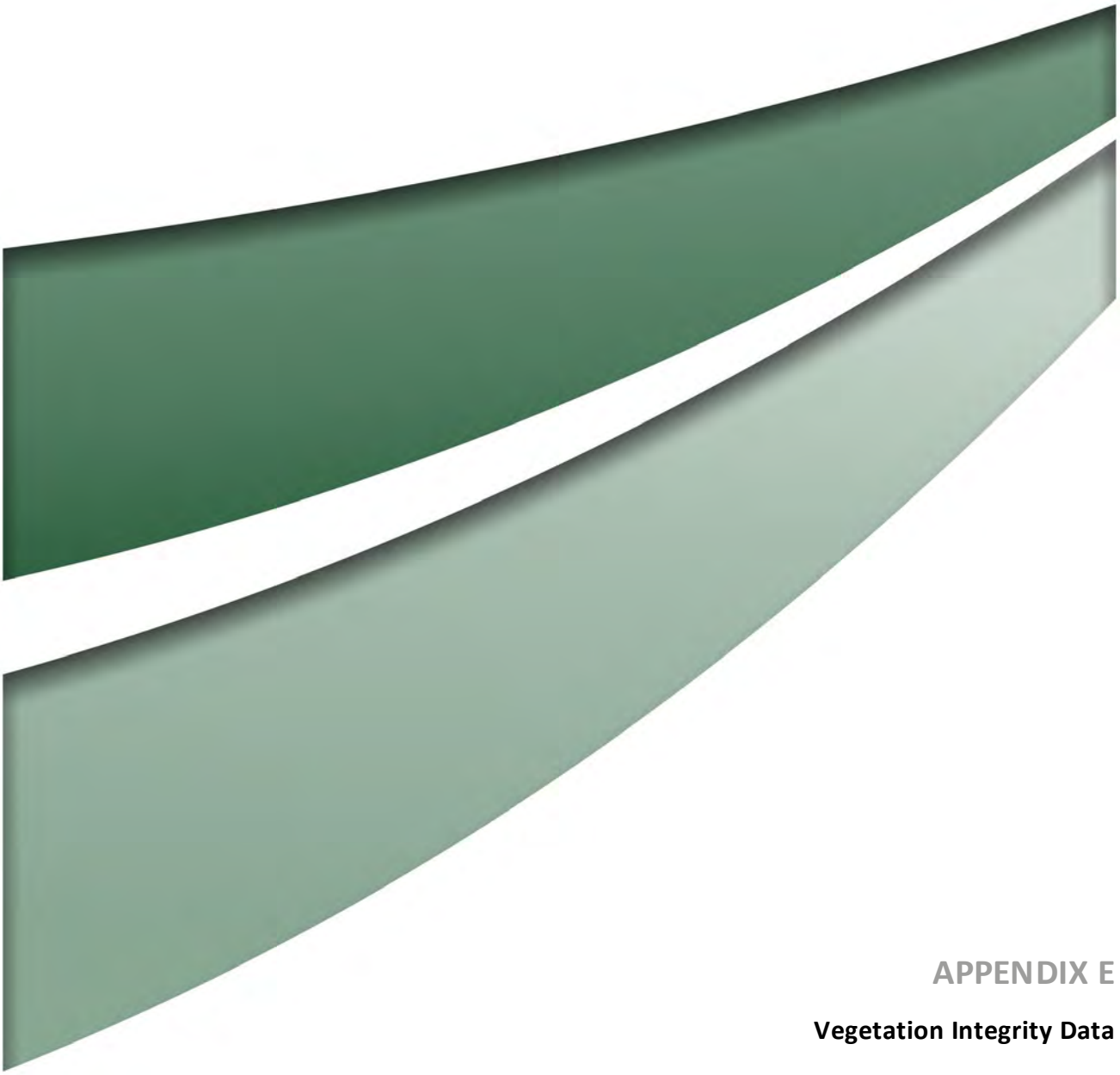
Species Name	GF	4859_100		4859_101		P_4859_102		P_4859_103		P_4859_104		P_4859_105		P_4859_106		P_4859_107		P_4859_108		P_4859_109		P_4859_110		P_4859_111		P_4859_112		P_4859_113	
		C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A
Wahlenbergia spp.	FG									0.1	10	0.1	10							0.2	100	0.1	10						
Xanthium spinosum	HT																												
Xanthorrhoea spp.	OG													0.2	1			0.1	1										
Zieria aspalathoides	SG													0.1	1														

Species Name	GF	P_4859_114		P_4859_115		P_4859_116		P_4859_117		P_4859_118		P_4859a_120		P_4859a_121		P_4859a_122		P_4859a_123		P_4859a_124		P_4859a_125		P_4859a_126		P_4859a_127	
		C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A	C	A
Acacia buxifolia	SG																										
Acacia buxifolia subsp. *buxifolia*	SG																										
Acacia decora	SG																										
Acacia falciformis	SG																										
Acacia gladiiformis	SG																										
Acacia linearifolia	TG							1	4	5	20																
Acacia spp.	SG																										
Acacia uncinata	SG																										
Acaena novae-zelandiae	FG																										
Acaena spp.	FG																										
Acetosella vulgaris	HT																										
Acrotriche rigida	SG							0.2	2																		
Allocasuarina littoralis	TG							0.2	3																		
Alternanthera denticulata	FG																										
Alternanthera nana	FG																										
Alternanthera pungens	HT																										
Angophora floribunda	TG																										
Anthosachne scabra	GG					10	100																				
Aristida personata	GG																										
Aristida ramosa	GG			0.5	50			5	100	2	50																
Aristida spp.	GG																										
Aristida vagans	GG																										
Arthropodium spp.	FG																										
Arundinella nepalensis	GG																										
Asperula conferta	FG					20	500																				
Astroloma humifusum	SG									0.3	4																
Austrostipa aristiglumis	GG	1	50	35	500	50	500					5	1000			10	1000										
Austrostipa densiflora	GG									0.5	20																
Austrostipa scabra	GG																										

		P_4859_114		P_4859_115		P_4859_116		P_4859_117		P_4859_118		P_4859a_120		P_4859a_121		P_4859a_122		P_4859a_123		P_4859a_124		P_4859a_125		P_4859a_126		P_4859a_127	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Chloris ventricosa	GG																										
Chloris virgata	EX															0.1	5										
Chondrilla juncea	EX																										
Chrysocephalum apiculatum	FG																										
Cirsium vulgare	EX	0.1	3	0.3	30	0.2	5									1	30							5	100		
Clematis glycinoides	OG																										
Conyza bonariensis	EX																										
Conyza spp.	EX	0.1	10	0.3	50	0.1	5			0.1	3																
Correa reflexa	SG																										
Cotula australis	FG																										
Cyclospermum leptophyllum	EX																										
Cymbonotus lawsonianus	FG																										
Cymbopogon refractus	GG																										
Cynodon dactylon	GG			5	100											40	1000										
Cyperaceae indeterminate	EX																										
Cyperus eragrostis	HT																										
Cyperus gracilis	GG																										
Dactylis glomerata	EX	40	100	30	500																						
Dampiera stricta	FG							0.1	5																		
Daucus carota	EX																										
Daucus glochidiatus	FG																										
Daviesia genistifolia	SG																										
Desmodium varians	OG																										
Dianella caerulea	FG																										
Dianella longifolia	FG																										
Dianella revoluta	FG																										
Dichanthium sericeum	GG					0.3	20																				
Dichelachne micrantha	GG																										
Dichondra repens	FG			0.1	5	0.3	20																				
Digitaria brownii	GG																										
Digitaria diffusa	GG							0.2	10																		
Digitaria divaricatissima	GG																										
Digitaria parviflora	GG																										
Digitaria ramularis	GG									0.5	50																
Digitaria spp.	GG																										
Dodonaea viscosa	SG							0.1	3																		
Dysphania cristata	FG																										
Echinopogon caespitosus	GG																										
Echium plantagineum	EX																					1	60	0.1	1		
Ehrharta erecta	HT																										

		P_4859_114		P_4859_115		P_4859_116		P_4859_117		P_4859_118		P_4859a_120		P_4859a_121		P_4859a_122		P_4859a_123		P_4859a_124		P_4859a_125		P_4859a_126		P_4859a_127	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Gompholobium huegelii	SG																										
Gonocarpus tetragynus	FG																										
Goodenia hederacea	FG							3	100																		
Grevillea ramosissima subsp. *ramosissima*	SG																										
Grevillea sericea subsp. *sericea*	SG																										
Haloragis heterophylla	FG																										
Hardenbergia violacea	OG																										
Hibbertia fasciculata	SG																										
Hibbertia obtusifolia	SG							0.1	10	0.3	20																
Hovea lanceolata	SG									0.1	1																
Hydrocotyle laxiflora	FG					0.1	3																				
Hydrocotyle spp.	FG																										
Hypericum gramineum	FG																										
Hypericum perforatum	HT	0.2	10			1	20																				
Hypochaeris glabra	EX																										
Hypochaeris radicata	EX					0.1	10																	0.1	2		
Juncus australis	GG																										
Juncus continuus	GG																										
Juncus filicaulis	GG																										
Juncus homalocaulis	GG																										
Juncus spp.	GG																							0.1	20		
Juncus subsecundus	GG																										
Juncus usitatus	GG																										
Lachnagrostis spp.	GG																										
Lamiaceae indeterminate	EX																										
Lamium amplexicaule	EX																										
Laxmannia gracilis	FG																										
Lepidium africanum	EX																										
Lepidosperma gunnii	GG																										
Lepidosperma laterale	GG									1	20																
Leptospermum polygalifolium	SG																										
Leucopogon muticus	SG							1	20																		
Lobelia concolor	FG																										
Lobelia purpurascens	FG					0.1	3																				
Lolium spp.	EX																										
Lomandra confertifolia	GG							2	20	0.3	20																
Lomandra filiformis	GG																							5	1000		
Lomandra filiformis subsp. *coriacea*	GG							0.1	3																		
Lomandra glauca	GG									0.5	30																
Lomandra longifolia	GG															1	1000										

		P_4859_114		P_4859_115		P_4859_116		P_4859_117		P_4859_118		P_4859a_120		P_4859a_121		P_4859a_122		P_4859a_123		P_4859a_124		P_4859a_125		P_4859a_126		P_4859a_127	
Species Name	**GF**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**	**C**	**A**
Poa spp.	GG																										
Podolobium ilicifolium	SG							2	20																		
Polygonum arenastrum	EX															0.1	4							0.1	5		
Polygonum aviculare	EX	0.1	3	0.1	2																						
Polygonum spp.	FG																										
Pomax umbellata	FG							10	500																		
Poranthera microphylla	FG									0.1	5																
Portulaca oleracea	FG																										
Pteridium esculentum	EG																										
Pultenaea cinerascens	SG							0.3	20																		
Pultenaea microphylla	SG																										
Rapistrum rugosum	EX																										
Richardia stellaris	EX																										
Rosa rubiginosa	HT																										
Rubus anglocandicans	EX																										
Rumex brownii	FG	0.1	2	0.2	20	0.1	4																	0.2	40		
Rumex crispus	EX																										
Rumex spp.	FG																										
Rytidosperma bipartitum	GG																										
Rytidosperma bipartitum	GG					5	100																				
Rytidosperma erianthum	GG																										
Rytidosperma monticola	GG																										
Rytidosperma setaceum	GG																							0.5	100		
Rytidosperma sp.	GG																										
Rytidosperma spp.	GG	0.5	50	5	100			0.2	20																		
Salvia verbenaca	EX																										
Sannantha cunninghamii	SG																										
Schkuhria pinnata	EX																							0.1	5		
Sclerolaena muricata	SG																										
Senecio bathurstianus	FG																										
Senecio madagascariensis	HT																							0.1	5		
Senecio quadridentatus	FG																										
Senecio spp.	FG																										
Setaria parviflora	EX																										
Sida corrugata	FG			0.1	3																						
Sida rhombifolia	EX																										
Sida spp.	FG					0.1	5																				
Silybum marianum	EX			0.1	3											0.5	20							1	50		
Solanum campanulatum	SG																										
Solanum nigrum	EX																										

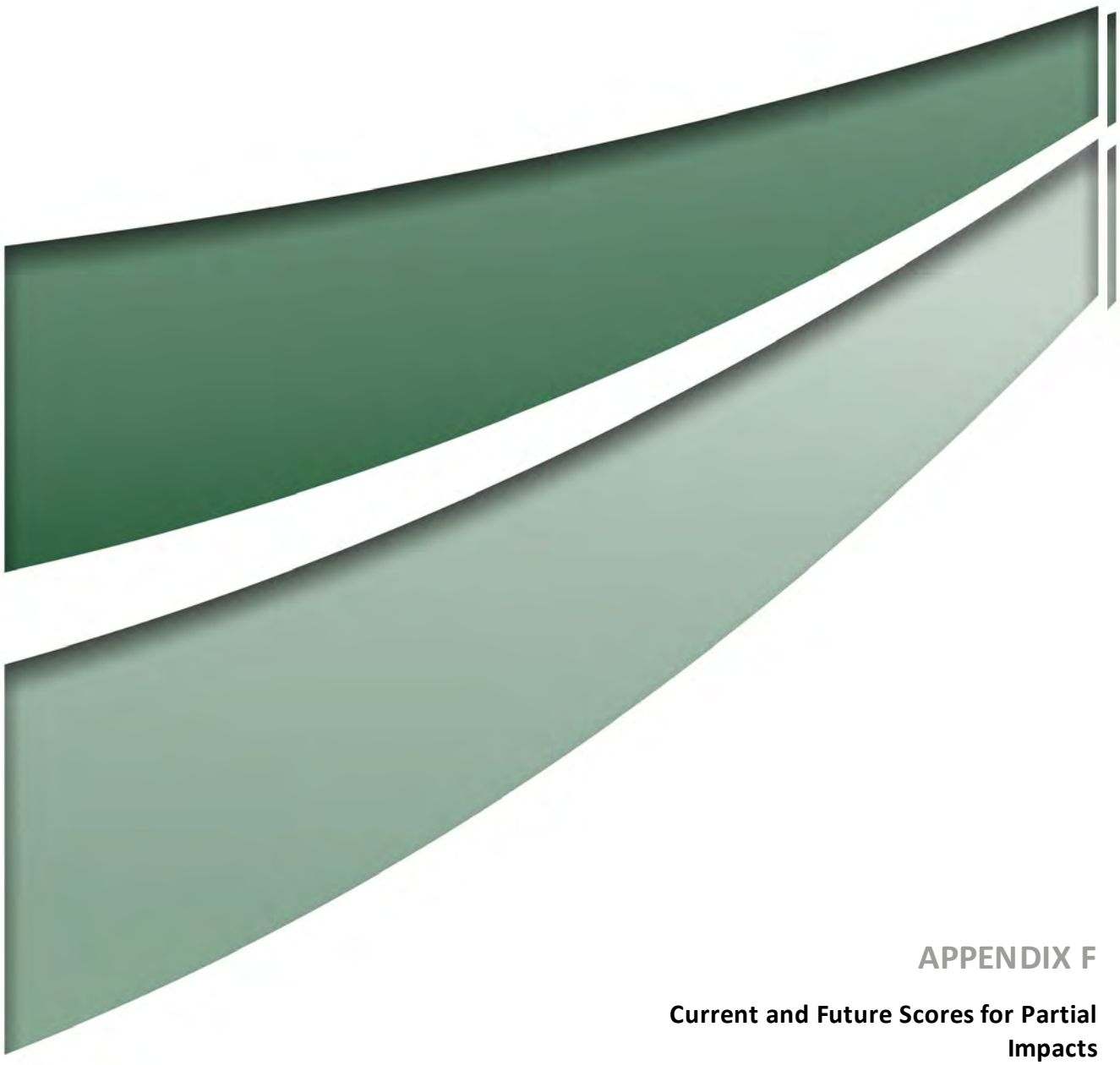


APPENDIX E

Vegetation Integrity Data

BAM-CC Assessment	Plot IBRA Subregion Location	plot usage	S123_BAMPlot	pct	area	patchsize	conditionclass	zone	easting	northing	bearing	compTree	compShrub	compGrass	compForbs	compFerns	compOther	strucTree	strucShrub	strucGrass	strucForbs	strucFerns	strucOther	funLargeTrees	funHollowtrees	funLitterCover	funLenFallenLogs	funTreeStem5to9	funTreeStem10to19	funTreeStem20to29	funTreeStem30to49	funTreeStem50to79	funTreeRegen	funHighThreatExotic
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_043	84	6.5	101	VZ1-ModGood	55	774519	6485646	21	1	1	3	9	0	1	35	10	10.4	1.4	0	0.1	2	2	3.2	21	0	1	0	0	1	1	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859_096	84	6.5	101	VZ1-ModGood	55	774774.6352	6486823.8	7	1	1	4	5	0	0	40	30	35.7	0.6	0	0	5	5	31	35.5	0	0	1	1	1	0	30.4
Liverpool Range	Pilliga	Replicated Plot Requirement	P_4859a_020	84	6.5	101	VZ1-ModGood	55	774054	6476582	180	1	1	5	8	0	0	15	1	8	12.2	0	0	1	1	2.4	1.5	0	0	0	1	1	0	0
Liverpool Range	Pilliga	Replicated Plot Requirement	P_4859a_058	84	6.5	101	VZ1-ModGood	55	779263	6473836	295	1	2	2	15	0	1	20	25.1	0.5	20.3	0	0.1	1	0	4	4	1	1	1	0	1	0	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859_089	281	0.7	101	VZ2-ModGood	55	780218.7649	6471053.435	328	1	1	6	8	0	1	30	0.1	16.5	1.5	0	0.2	0	0	81.6	38	0	0	1	1	0	0	15
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_022	483	15.6	101	VZ6-ModGood	55	777547	6461013	200	1	0	2	4	0	0	25	0	27	0.5	0	0	0	8	0.8	25	0	1	1	1	0	0	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_062	483	15.6	101	VZ6-ModGood	55	776464	6462698	78	2	1	3	8	0	1	30	0.1	81.1	2.6	0	0.1	2	6	8	21	1	1	1	1	1	0	0
Liverpool Range	Pilliga	Replicated Plot Requirement	P_4859a_002	483	15.6	101	VZ6-ModGood	55	764610	6485180	235	2	0	5	14	0	2	30	0	7.4	8.5	0	0.3	1	7	20.4	35	1	1	1	1	1	0	0
Liverpool Range	Pilliga	Replicated Plot Requirement	P_4859a_042	483	15.6	101	VZ6-ModGood	55	759706	6473847	124	2	2	9	10	0	3	43	30	57.1	12.5	0	0.3	2	0	32.6	16	1	1	1	1	1	1	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_005	483	187.7	101	VZ7-Low	55	765757	6476114	180	1	1	1	10	0	0	5	2	0.2	16.1	0	0	2	1	8.4	21	0	0	1	0	1	0	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_006	483	187.7	101	VZ7-Low	55	765191	6476210	295	1	1	0	12	0	0	15	10	0	2.2	0	0	0	3	6.6	35	0	1	1	1	0	0	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_012	483	187.7	101	VZ7-Low	55	771943	6477079	70	1	0	1	13	0	1	40	0	0.5	16.6	0	0.1	3	3	9	0	0	1	1	1	1	0	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_024	483	187.7	101	VZ7-Low	55	780528	6461822	315	1	0	3	6	0	0	10	0	67.1	0.6	0	0	2	0	0	0.5	0	0	0	0	1	0	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_025	483	187.7	101	VZ7-Low	55	781010	6463135	180	1	0	2	2	0	1	5	0	10.1	0.2	0	0.1	1	0	11.4	0	0	0	0	0	1	0	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_027	483	187.7	101	VZ7-Low	55	783556	6468416	44	2	3	8	5	0	0	60	0.4	7.7	0.5	0	0	0	0	2.6	10	1	1	1	0	0	0	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_028	483	187.7	101	VZ7-Low	55	781639	6469273	330	0	0	3	4	0	0	0	0	70	0.4	0	0	0	0	27.4	20	0	0	0	0	0	0	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_061	483	187.7	101	VZ7-Low	55	776560	6463284	280	1	1	2	4	0	0	20	0.1	25.2	0.4	0	0	1	2	2	6	0	0	1	0	0	0	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_079	483	187.7	101	VZ7-Low	55	777132	6457633	220	1	0	3	9	0	0	15	0	24	6.2	0	0	2	2	47	20	0	0	0	0	1	0	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_007	483	270	101	VZ8-Low-DNG	55	764943	6476811	300	0	0	4	5	0	0	0	0	17	22.4	0	0	0	0	5.6	48	0	0	0	0	0	0	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_026	483	270	101	VZ8-Low-DNG	55	778368	6458738	290	0	0	1	5	0	0	0	0	5	15.3	0	0	0	0	14	0	0	0	0	0	0	0	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_041	483	270	101	VZ8-Low-DNG	55	775270	6457072	91	0	0	2	7	0	1	0	0	0.6	0.9	0	0.2	0	0	2	0	0	0	0	0	0	0	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_060	483	270	101	VZ8-Low-DNG	55	768459	6465813	268	0	0	6	6	0	1	0	0	21	5.8	0	0.2	0	0	17	0	0	0	0	0	0	0	0
Liverpool Range	Pilliga	Replicated Plot Requirement	P_4859a_077	483	270	101	VZ8-Low-DNG	55	775480	6445375	27	1	0	1	2	0	0	10	0	2	0.5	0	0	0	0	42	0	0	0	0	1	0	0	0
Liverpool Range	Pilliga	Replicated Plot Requirement	P_4859_086	483	270	101	VZ8-Low-DNG	55	779279.5	6472553.879	253	0	0	4	3	0	0	0	0	65.6	0.4	0	0	0	0	72	0	0	0	0	0	0	0	0.3
Liverpool Range	Pilliga	Replicated Plot Requirement	P_4859_114	483	270	101	VZ8-Low-DNG	55	771040.9292	6473589.866	70	0	0	7	3	0	0	0	0	46.6	0.5	0	0	0	0	40	0	0	0	0	0	0	0	0.3
Liverpool Range	Pilliga	Replicated Plot Requirement	P_4859_116	483	270	101	VZ8-Low-DNG	55	774935.8837	6469702.102	287	0	0	7	9	0	1	0	0	71.6	30.9	0	0.3	0	0	27.4	0	0	0	0	0	0	0	1
Liverpool Range	Pilliga	Replicated Plot Requirement	P_4859a_123	483	270	101	VZ8-Low-DNG	55	765234.2142	6484337.468	327	0	0	1	1	0	0	0	0	10	0.1	0	0	0	0	8	2	0	0	0	0	0	0	0
Liverpool Range	Pilliga	Replicated Plot Requirement	P_4859a_125	483	270	101	VZ8-Low-DNG	55	766926.3501	6482649.055	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6.2	3	0	0	0	0	0	0	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_013	488	56.9	101	VZ9-ModGood	55	774230	6489338	270	3	2	7	15	1	3	21.1	10.1	31.2	31.8	0.1	0.4	10	5	65	62	1	1	1	1	1	0	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_052	488	56.9	101	VZ9-ModGood	55	773367	6489106	38	2	0	8	17	0	2	50.1	0	44	40.4	0	0.2	2	6	4	39	0	1	1	1	1	0	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_066	488	56.9	101	VZ9-ModGood	55	767781	6490860	212	4	1	4	6	0	0	30.1	0.1	5.8	65.5	0	0	4	1	3.4	2	1	1	1	1	1	1	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_068	488	56.9	101	VZ9-ModGood	55	782225	6487286	334	1	2	8	13	0	2	20	30.1	89.2	7.2	0	0.2	2	1	34	23	1	1	1	0	0	1	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_070	488	56.9	101	VZ9-ModGood	55	778543	6478980	338	1	1	6	12	0	3	30	0.1	60.2	13.9	0	0.3	0	1	15	28.5	1	1	1	1	0	1	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_071	488	56.9	101	VZ9-ModGood	55	778227	6478477	242	3	2	6	14	0	2	35	0.2	60.5	3.3	0	0.3	2	0	36	39	1	1	1	1	1	1	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_013	488	2	101	VZ9-ModGood-CEEC	55	774230	6489338	270	3	2	7	15	1	3	21.1	10.1	31.2	31.8	0.1	0.4	10	5	65	62	1	1	1	1	1	0	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_052	488	2	101	VZ9-ModGood-CEEC	55	773367	6489106	38	2	0	8	17	0	2	50.1	0	44	40.4	0	0.2	2	6	4	39	0	1	1	1	1	0	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_066	488	2	101	VZ9-ModGood-CEEC	55	767781	6490860	212	4	1	4	6	0	0	30.1	0.1	5.8	65.5	0	0	4	1	3.4	2	1	1	1	1	1	1	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_068	488	2	101	VZ9-ModGood-CEEC	55	782225	6487286	334	1	2	8	13	0	2	20	30.1	89.2	7.2	0	0.2	2	1	34	23	1	1	1	0	0	1	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_070	488	2	101	VZ9-ModGood-CEEC	55	778543	6478980	338	1	1	6	12	0	3	30	0.1	60.2	13.9	0	0.3	0	1	15	28.5	1	1	1	1	0	1	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_071	488	2	101	VZ9-ModGood-CEEC	55	778227	6478477	242	3	2	6	14	0	2	35	0.2	60.5	3.3	0	0.3	2	0	36	39	1	1	1	1	1	1	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_055	488	0.5	101	VZ10-ModGood-Shrub	55	770776	6487913	180	2	3	8	19	1	1	20.1	50.3	21.6	59.7	0.1	0.1	1	2	21	0	1	1	1	1	1	1	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_056	488	0.5	101	VZ10-ModGood-Shrub	55	770628	6487624	143	3	2	9	19	0	1	55.6	2.5	26.9	55	0	0.1	2	0	13.6	20	1	1	1	1	1	1	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_001	488	197.1	101	VZ11-Low	55	765899	6487383	200	1	0	0	7	0	0	30	0	0	6.7	0	0	0	0	7.5	30	0	1	1	1	0	0	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_009	488	197.1	101	VZ11-Low	55	772462	6480363	60	1	0	1	12	0	1	15	0	0.1	2.1	0	0.1	0	0	7.8	14	1	1	1	1	0	0	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_011	488	197.1	101	VZ11-Low	55	772401	6479475	0	2	0	6	16	0	0	30	0	35.4	16.7	0	0	2	1	21.4	41	0	1	1	1	1	0	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_017	488	197.1	101	VZ11-Low	55	780158	6484762	330	0	1	10	12	1	0	0	0.1	94.2	2.2	0.1	0	0	0	2.2	5	0	0	0	0	0	0	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_018	488	197.1	101	VZ11-Low	55	780485	6484768	240	1	0	6	9	0	0	30	0	2.9	23	0	0	3	2	5.8	2	0	0	0	0	1	0	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_050	488	197.1	101	VZ11-Low	55	768018	6490028	286	2	0	7	18	0	0	45.1	0	63.5	11.8	0	0	2	0	4.2	0	0	0	0	1	1	0	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_051	488	197.1	101	VZ11-Low	55	773445	6487418	245	1	0	3	12	0	2	15	0	22.1	8.9	0	5.1	1	1	25	14	0	0	0	0	0	0	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_054	488	197.1	101	VZ11-Low	55	774919	6482406	202	1	0	3	19	0	1	70	0	8.5	28.7	0	0.1	2	0	12.4	35	0	1	1	1	1	0	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_057	488	197.1	101	VZ11-Low	55	777671	6487378	300	0	0	2	13	0	0	0	0	3	15.5	0	0	0	0	1	5	0	0	1	0	0	0	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_067	488	197.1	101	VZ11-Low	55	766633	6490260	234	2	1	5	11	1	2	26	0.1	70.1	3.9	0.1	0.2	5	1	19	20	0	0	0	0	1	1	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_072	488	197.1	101	VZ11-Low	55	773460	6485721	358	1	0	3	11	0	0	30	0	31.1	12.6	0	0	2	0	5.8	82	0	1	1	1	1	0	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_073	488	197.1	101	VZ11-Low	55	773401	6484679	327	3	2	6	5	0	2	20.2	50.2	6.3	9.2	0	2.2	1	0	2.8	87	1	1	1	1	1	1	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859_092	488	197.1	101	VZ11-Low	55	779678.635	6481878.022	67	2	0	2	6	0	2	35	0	40.5	1.2	0	0.4	2	2	77.2	60	1	1	1	1	1	0	0.2
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859_093	488	197.1	101	VZ11-Low	55	780025.6481	6481332.66	180	1	0	4	9	0	0	30	0	42.1	1.8	0	0	1	0	76.6	110.5	1	1	1	1	1	0	0.4
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859_095	488	197.1	101	VZ11-Low	55	778127.935	6483904.651	240	1	0	7	12	0	2	30	0	28.7	16.8	0	0.2	1	1	36.4	47.5	0	0	0	1	0	0	0.4
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_121	488	197.1	101	VZ11-Low	55	766084.3543	6486948.255	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	63	0	0	0	0	0	0	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_001	488	2.1	101	VZ11-Low-CEEC	55	765899	6487383	200	1	0	0	7	0	0	30	0	0	6.7	0	0	0	0	7.5	30	0	1	1	1	0	0	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_009	488	2.1	101	VZ11-Low-CEEC	55	772462	6480363	60	1	0	1	12	0	1	15	0	0.1	2.1	0	0.1	0	0	7.8	14	1	1	1	1	0	0	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_011	488	2.1	101	VZ11-Low-CEEC	55	772401	6479475	0	2	0	6	16	0	0	30	0	35.4	16.7	0	0	2	1	21.4	41	0	1	1	1	1	0	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_017	488	2.1	101	VZ11-Low-CEEC	55	780158	6484762	330	0	1	10	12	1	0	0	0.1	94.2	2.2	0.1	0	0	0	2.2	5	0	0	0	0	0	0	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_018	488	2.1	101	VZ11-Low-CEEC	55	780485	6484768	240	1	0	6	9	0	0	30	0	2.9	23	0	0	3	2	5.8	2	0	0	0	0	1	0	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_050	488	2.1	101	VZ11-Low-CEEC	55	768018	6490028	286	2	0	7	18	0	0	45.1	0	63.5	11.8	0	0	2	0	4.2	0	0	0	0	1	1	0	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_051	488	2.1	101	VZ11-Low-CEEC	55	773445	6487418	245	1	0	3	12	0	2	15	0	22.1	8.9	0	5.1	1	1	25	14	0	0	0	0	0	0	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_054	488	2.1	101	VZ11-Low-CEEC	55	774919	6482406	202	1	0	3	19	0	1	70	0	8.5	28.7	0	0.1	2	0	12.4	35	0	1	1	1	1	0	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_057	488	2.1	101	VZ11-Low-CEEC	55	777671	6487378	300	0	0	2	13	0	0	0	0	3	15.5	0	0	0	0	1	5	0	0	1	0	0	0	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_067	488	2.1	101	VZ11-Low-CEEC	55	766633	6490260	234	2	1	5	11	1	2	26	0.1	70.1	3.9	0.1	0.2	5	1	19	20	0	0	0	0	1	1	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_072	488	2.1	101	VZ11-Low-CEEC	55	773460	6485721	358	1	0	3	11	0	0	30	0	31.1	12.6	0	0	2	0	5.8	82	0	1	1	1	1	0	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_073	488	2.1	101	VZ11-Low-CEEC	55	773401	6484679	327	3	2	6	5	0	2	20.2	50.2	6.3	9.2	0	2.2	1	0	2.8	87	1	1	1	1	1	1	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859_092	488	2.1	101	VZ11-Low-CEEC	55	779678.635	6481878.022	67	2	0	2	6	0	2	35	0	40.5	1.2	0	0.4	2	2	77.2	60	1	1	1	1	1	0	0.2
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859_093	488	2.1	101	VZ11-Low-CEEC	55	780025.6481	6481332.66	180	1	0	4	9	0	0	30	0	42.1	1.8	0	0	1	0	76.6	110.5	1	1	1	1	1	0	0.4
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859_095	488	2.1	101	VZ11-Low-CEEC	55	778127.935	6483904.651	240	1	0	7	12	0	2	30	0	28.7	16.8	0	0.2	1	1	36.4	47.5	0	0	0	1	0	0	0.4
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_121	488	2.1	101	VZ11-Low-CEEC	55	766084.3543	6486948.255	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	63	0	0	0	0	0	0	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_008	488	366.2	101	VZ12-Exotic	55	772203	6480693	275	0	0	7	12	0	2	0	0	77.3	7.1	0	0.4	0	0	0.6	0	0	0	0	0	0	0	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_010	488	366.2	101	VZ12-Exotic	55	772937	6478963	5	0	0	5	5	0	0	0	0	10.5	3.6	0	0	0	0	1.4	5	0	0	0	0	0	0	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_053	488	366.2	101	VZ12-Exotic	55	775271	6477651	7	0	0	4	9	0	0	0	0	30.3	13	0	0	0	0	20.8	0	0	0	0	0	0	0	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_081	488	366.2	101	VZ12-Exotic	55	776490	6482883	330	0	0	0	1	0	0	0	0	0	0.2	0	0	0	0	9	0	0	0	0	0	0	0	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_082	488	366.2	101	VZ12-Exotic	55	775655	6488268	180	0	0	0	1	0	0	0	0	0	1	0	0	0	0	6	0	0	0	0	0	0	0	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_083	488	366.2	101	VZ12-Exotic	55	767151	6490692	12	0	0	4	2	0	0	0	0	6.3	0.6	0	0	0	0	13	5	0	0	0	1	0	0	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_084	488	366.2	101	VZ12-Exotic	55	769741	6491150	5	0	0	4	1	0	0	0	0	9.8	0.1	0	0	0	0	12	0	0	0	0	0	0	0	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859_094	488	366.2	101	VZ12-Exotic	55	780383.6532	6481872.144	263	0	0	4	2	0	0	0	0	40.1	0.3	0	0	0	0	22.4	0	0	0	0	0	0	0	0.4
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_014	490	15.2	101	VZ13-ModGood	55	778808	6487741	330	2	1	5	11	1	3	40	0.1	30.4	3.1	0.5	0.5	2	7	79.8	80	1	1	1	1	1	0	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_019	490	15.2	101	VZ13-ModGood	55	779927	6486497	330	3	0	2	14	1	2	30	0	5.2	35.4	0.5	0.2	8	0	32.2	32	0	1	1	1	1	0	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_080	490	15.2	101	VZ13-ModGood	55	780687	6484667	135	3	0	7	7	0	1	37	0	22.5	35.5	0	0.1	1	7	62	70	1	1	1	1	1	1	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_015	495	23.7	101	VZ14-ModGood	55	779472	6487632	300	3	2	1	8	0	1	27	0.8	5	25.9	0	0.1	5	2	61	37	0	1	1	1	1	0	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_016	495	23.7	101	VZ14-ModGood	55	779837	6487617	120	3	0	5	11	2	1	31	0	20.9	7.5	0.7	0.1	5	4	5.4	24	0	0	1	0	1	0	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_069	495	23.7	101	VZ14-ModGood	55	781729	6488282	308	2	1	4	9	0	2	35	0.1	6.2	78.4	0	0.2	4	3	25	0	1	1	1	1	1	0	0
Liverpool Range	Liverpool Range	Replicated Plot Requirement	P_4859a_015	495	23.7	101	VZ14-ModGood	55	779472	6487632	300	3	2	1	8	0	1	27	0.8	5	25.9	0	0.1	5	2	61	37	0	1	1	1	1	0	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_021	483	104.2	101	VZ17-DNG	55	777410	6461148	30	0	0	5	6	0	0	0	0	25.5	0.8	0	0	0	0	3.6	0	0	0	0	0	0	0	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_023	483	104.2	101	VZ17-DNG	55	780588	6463953	290	0	0	3	2	0	1	0	0	65.2	0.2	0	0.1	0	0	18	0	0	0	0	0	0	0	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859a_029	483	104.2	101	VZ17-DNG	55	780649	6467588	15	0	0	2	1	0	0	0	0	80	0.1	0	0	0	0	62	3	0	0	0	0	0	0	0
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859_088	483	104.2	101	VZ17-DNG	55	780062.5847	6471627.426	349	0	0	8	5	0	0	0	0	69.7	4.4	0	0	0	0	38.4	0	0	0	0	0	0	0	0.2
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859_090	483	104.2	101	VZ17-DNG	55	778797.3093	6466430.869	11	0	0	5	7	0	0	0	0	47	1.7	0	0	0	0	70.6	0	0	0	0	0	0	0	0.1
Liverpool Range	Liverpool Range	Minimum Plot Requirement	P_4859_102	483	104.2	101	VZ17-DNG	55	778159.9051	6453206.652	192	0	1	3	3	0	0	0	0.2	81	0.5	0	0	0	0	9	0	0	0	0	0	0	0	0
Pilliga	Pilliga	Minimum Plot Requirement	P_4859a_020	84	3	101	VZ1-ModGood	55	774054	6476582	180	1	1	5	8	0	0	15	1	8	12.2	0	0	1	1	2.4	1.5	0	0	0	1	1	0	0
Pilliga	Pilliga	Minimum Plot Requirement	P_4859a_058	84	3	101	VZ1-ModGood	55	779263	6473836	295	1	2	2	15	0	1	20	25.1	0.5	20.3	0	0.1	1	0	4	4	1	1	1	0	1	0	0
Pilliga	Pilliga	Minimum Plot Requirement	P_4859a_127	488	2.5	101	VZ11-Low	55	769827.4262	6485298.537	185	1	0	0	0	0	0	20	0	0	0	0	0	2	0	4	76	0	0	0	1	1	1	0
Pilliga	Liverpool Range	Replicated Plot Requirement	P_4859a_001	488	2.5	101	VZ11-Low	55	765899	6487383	200	1	0	0	7	0	0	30	0	0	6.7	0	0	0	0	7.5	30	0	1	1	1	0	0	0
Pilliga	Liverpool Range	Replicated Plot Requirement	P_4859a_009	488	2.5	101	VZ11-Low	55	772462	6480363	60	1	0	1	12	0	1	15	0	0.1	2.1	0	0.1	0	0	7.8	14	1	1	1	1	0	0	0
Pilliga	Liverpool Range	Replicated Plot Requirement	P_4859a_011	488	2.5	101	VZ11-Low	55	772401	6479475	0	2	0	6	16	0	0	30	0	35.4	16.7	0	0	2	1	21.4	41	0	1	1	1	1	0	0
Pilliga	Liverpool Range	Replicated Plot Requirement	P_4859a_017	488	2.5	101	VZ11-Low	55	780158	6484762	330	0	1	10	12	1	0	0	0.1	94.2	2.2	0.1	0	0	0	2.2	5	0	0	0	0	0	0	0
Pilliga	Liverpool Range	Replicated Plot Requirement	P_4859a_018	488	2.5	101	VZ11-Low	55	780485	6484768	240	1	0	6	9	0	0	30	0	2.9	23	0	0	3	2	5.8	2	0	0	0	0	1	0	0
Pilliga	Liverpool Range	Replicated Plot Requirement	P_4859a_050	488	2.5	101	VZ11-Low	55	768018	6490028	286	2	0	7	18	0	0	45.1	0	63.5	11.8	0	0	2	0	4.2	0	0	0	0	1	1	0	0
Pilliga	Liverpool Range	Replicated Plot Requirement	P_4859a_051	488	2.5	101	VZ11-Low	55	773445	6487418	245	1	0	3	12	0	2	15	0	22.1	8.9	0	5.1	1	1	25	14	0	0	0	0	0	0	0
Pilliga	Liverpool Range	Replicated Plot Requirement	P_4859a_054	488	2.5	101	VZ11-Low	55	774919	6482406	202	1	0	3	19	0	1	70	0	8.5	28.7	0	0.1	2	0	12.4	35	0	1	1	1	1	0	0
Pilliga	Liverpool Range	Replicated Plot Requirement	P_4859a_057	488	2.5	101	VZ11-Low	55	777671	6487378	300	0	0	2	13	0	0	0	0	3	15.5	0	0	0	0	1	5	0	0	1	0	0	0	0
Pilliga	Liverpool Range	Replicated Plot Requirement	P_4859a_067	488	2.5	101	VZ11-Low	55	766633	6490260	234	2	1	5	11	1	2	26	0.1	70.1	3.9	0.1	0.2	5	1	19	20	0	0	0	0	1	1	0
Pilliga	Liverpool Range	Replicated Plot Requirement	P_4859a_072	488	2.5	101	VZ11-Low	55	773460	6485721	358	1	0	3	11	0	0	30	0	31.1	12.6	0	0	2	0	5.8	82	0	1	1	1	1	0	0
Pilliga	Liverpool Range	Replicated Plot Requirement	P_4859a_073	488	2.5	101	VZ11-Low	55	773401	6484679	327	3	2	6	5	0	2	20.2	50.2	6.3	9.2	0	2.2	1	0	2.8	87	1	1	1	1	1	1	0
Pilliga	Liverpool Range	Replicated Plot Requirement	P_4859_092	488	2.5	101	VZ11-Low	55	779678.635	6481878.022	67	2	0	2	6	0	2	35	0	40.5	1.2	0	0.4	2	2	77.2	60	1	1	1	1	1	0	0.2
Pilliga	Liverpool Range	Replicated Plot Requirement	P_4859_093	488	2.5	101	VZ11-Low	55	780025.6481	6481332.66	180	1	0	4	9	0	0	30	0	42.1	1.8	0	0	1	0	76.6	110.5	1	1	1	1	1	0	0.4
Pilliga	Liverpool Range	Replicated Plot Requirement	P_4859_095	488	2.5	101	VZ11-Low	55	778127.935	6483904.651	240	1	0	7	12	0	2	30	0	28.7	16.8	0	0.2	1	1	36.4	47.5	0	0	0	1	0	0	0.4
Pilliga	Liverpool Range	Replicated Plot Requirement	P_4859a_121	488	2.5	101	VZ11-Low	55	766084.3543	6486948.255	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	63	0	0	0	0	0	0	0

Pilliga	Pilliga	Minimum Plot Requirement	P_4859a_004	488	7.2	101	VZ12-Exotic	55	764323	6484861	240	0	0	4	5	0	2	0	0	0.4	41.4	0	0.2	0	0	0.8	2	0	0	0	0	0	0
Pilliga	Pilliga	Minimum Plot Requirement	P_4859a_120	488	7.2	101	VZ12-Exotic	55	765615.3188	6486584.47	240	0	0	1	0	0	0	0	0	5	0	0	0	0	0	64	30	0	0	0	0	0	0
Pilliga	Pilliga	Minimum Plot Requirement	P_4859a_126	488	7.2	101	VZ12-Exotic	55	769701.2536	6484976.278	175	0	0	6	2	0	0	0	0	15.9	0.4	0	0	0	0	8	17	0	0	0	0	0	20.1
Pilliga	Pilliga	Minimum Plot Requirement	P_4859a_037	1661	31.3	101	VZ15-ModGood	55	763991	6441458	345	4	13	7	12	1	1	30.5	4.2	0.9	19.5	0.5	0.1	0	0	46	21	1	1	1	1	0	1	0
Pilliga	Pilliga	Minimum Plot Requirement	P_4859a_047	1661	31.3	101	VZ15-ModGood	55	772160	6444349	180	3	6	11	15	1	1	15.4	11.7	59.5	29.6	1	0.5	3	0	20.4	39	0	1	1	1	1	1	0
Pilliga	Pilliga	Minimum Plot Requirement	P_4859a_048	1661	31.3	101	VZ15-ModGood	55	765518	6442159	70	3	6	6	7	1	0	65	7.2	12.4	45.6	0.1	0	2	2	60	46	1	1	1	1	1	1	0
Pilliga	Pilliga	Minimum Plot Requirement	P_4859_097	1661	31.3	101	VZ15-ModGood	55	778623.4601	6451499.03	169	1	0	18	8	1	1	30	0	97.4	2.4	0.2	0.1	2	2	50	4.5	1	0	0	0	1	0	0.2
Pilliga	Pilliga	Minimum Plot Requirement	4859_101	1661	31.3	101	VZ15-ModGood	55	763868.2015	6440028.701	296	1	0	0	0	0	0	20	0	0	0	0	0	1	1	40	36	1	1	1	1	1	1	0
Pilliga	Pilliga	Minimum Plot Requirement	P_4859a_049	1675	10.1	101	VZ16-ModGood	55	765729	6442184	133	3	3	10	7	1	0	53	1.7	29.2	63.1	0.4	0	4	3	33	90	1	1	1	1	1	1	0
Pilliga	Pilliga	Minimum Plot Requirement	P_4859a_076	1675	10.1	101	VZ16-ModGood	55	764921	6442212	272	5	5	6	6	1	0	28.1	32.7	39	32	1	0	0	3	70	45	1	1	1	1	0	1	0
Pilliga	Pilliga	Minimum Plot Requirement	P_4859_109	1675	10.1	101	VZ16-ModGood	55	771172.1468	6444277.167	150	3	14	10	5	0	4	16	25.5	21.9	6.9	0	0.6	3	5	25.6	23.5	0	1	1	1	1	1	0
Pilliga	Pilliga	Minimum Plot Requirement	P_4859_091	483	23.4	101	VZ17-DNG	55	774057.9895	6467312.163	150	0	1	7	6	0	0	0	0.1	60.7	4.7	0	0	0	0	70.6	0	0	0	0	0	0	0.1
Pilliga	Pilliga	Minimum Plot Requirement	P_4859a_122	483	23.4	101	VZ17-DNG	55	765480.294	6484014.699	109	0	1	6	0	0	1	0	0.5	72.1	0	0	0.1	0	0	13	0	0	0	0	0	0	5
Pilliga	Pilliga	Minimum Plot Requirement	P_4859a_124	483	23.4	101	VZ17-DNG	55	767573.7649	6482889.235	125	0	0	1	0	0	0	0	0	20	0	0	0	0	0	22	2	0	0	0	0	0	0
Pilliga	Liverpool Range	Replicated Plot Requirement	P_4859a_021	483	23.4	101	VZ17-DNG	55	777410	6461148	30	0	0	5	6	0	0	0	0	25.5	0.8	0	0	0	0	3.6	0	0	0	0	0	0	0
Pilliga	Liverpool Range	Replicated Plot Requirement	P_4859a_023	483	23.4	101	VZ17-DNG	55	780588	6463953	290	0	0	3	2	0	1	0	0	65.2	0.2	0	0.1	0	0	18	0	0	0	0	0	0	0
Pilliga	Liverpool Range	Replicated Plot Requirement	P_4859a_029	483	23.4	101	VZ17-DNG	55	780649	6467588	15	0	0	2	1	0	0	0	0	80	0.1	0	0	0	0	62	3	0	0	0	0	0	0
Pilliga	Liverpool Range	Replicated Plot Requirement	P_4859_088	483	23.4	101	VZ17-DNG	55	780062.5847	6471627.426	349	0	0	8	5	0	0	0	0	69.7	4.4	0	0	0	0	38.4	0	0	0	0	0	0	0.2
Pilliga	Liverpool Range	Replicated Plot Requirement	P_4859_090	483	23.4	101	VZ17-DNG	55	778797.3093	6466430.869	11	0	0	5	7	0	0	0	0	47	1.7	0	0	0	0	70.6	0	0	0	0	0	0	0.1
Pilliga	Liverpool Range	Replicated Plot Requirement	P_4859_102	483	23.4	101	VZ17-DNG	55	778159.9051	6453206.652	192	0	1	3	3	0	0	0	0.2	81	0.5	0	0	0	0	9	0	0	0	0	0	0	0
Pilliga	Pilliga	Minimum Plot Requirement	P_4859_098	1661	2.5	101	VZ18-DNG	55	778559.2379	6451338.03	153	0	0	15	5	1	0	0	0	83	0.7	0.3	0	0	0	15	0	0	0	0	0	1	0
Pilliga	Pilliga	Minimum Plot Requirement	P_4859_099	1661	2.5	101	VZ18-DNG	55	778350.9761	6450990.89	153	0	1	10	12	0	0	0	0.1	66.3	7.2	0	0	0	0	44.5	0	0	0	0	0	0	0.1
Pilliga	Pilliga	Minimum Plot Requirement	P_4859a_038	281	2.2	101	VZ2-ModGood	55	778705	6452001	285	2	0	5	16	1	3	23	0	39.6	34.2	2	0.9	3	1	2.6	28	0	0	0	0	0	0	0
Pilliga	Pilliga	Minimum Plot Requirement	P_4859a_059	281	2.2	101	VZ2-ModGood	55	779327	6473688	0	3	0	5	12	2	2	33	0	2.7	8.1	0.2	0.2	3	0	70	17	1	1	1	1	1	1	0
Pilliga	Pilliga	Minimum Plot Requirement	P_4859a_036	479	17.1	101	VZ4-ModGood	55	763750	6441343	210	3	5	4	7	1	1	30.2	0.5	0.4	36.2	0.2	0.1	1	3	35	30	1	1	1	0	1	1	0
Pilliga	Pilliga	Minimum Plot Requirement	P_4859a_063	479	17.1	101	VZ4-ModGood	55	763474	6441499	246	2	11	5	7	1	1	35	25.9	0.5	71.7	0.1	0.1	2	2	28	39	1	1	1	1	1	1	0
Pilliga	Pilliga	Minimum Plot Requirement	P_4859a_075	479	17.1	101	VZ4-ModGood	55	763399	6440888	175	2	5	9	9	0	0	24	46.7	28.7	27.1	0	0	1	6	70	75	1	1	1	1	1	1	0
Pilliga	Pilliga	Minimum Plot Requirement	P_4859a_035	481	10.4	101	VZ5-ModGood	55	764292	6441947	240	3	7	6	6	1	1	42	38.3	0.9	0.6	0.1	0.1	1	1	90	25	1	1	1	0	0	1	0
Pilliga	Pilliga	Minimum Plot Requirement	P_4859a_064	481	10.4	101	VZ5-ModGood	55	763650	6441710	304	3	3	7	12	8	1	2	30	32.4	17.9	52.5	0.1	0.2	0	0	53	26	1	1	1	1	0	1	0
Pilliga	Pilliga	Minimum Plot Requirement	P_4859a_065	481	10.4	101	VZ5-ModGood	55	763960	6442279	158	2	10	7	6	1	0	26	28.7	28.3	2.5	0.1	0	0	0	72	5	1	1	1	0	0	1	0
Pilliga	Pilliga	Minimum Plot Requirement	P_4859a_002	483	0.5	101	VZ6-ModGood	55	764610	6485180	235	2	0	5	14	0	2	30	0	7.4	8.5	0	0.3	1	7	20.4	35	1	1	1	1	1	0	0
Pilliga	Pilliga	Minimum Plot Requirement	P_4859a_042	483	0.5	101	VZ6-ModGood	55	759706	6473847	124	2	2	9	10	0	3	43	30	57.1	12.5	0	0.3	2	0	32.6	16	1	1	1	1	1	1	0
Pilliga	Pilliga	Minimum Plot Requirement	P_4859a_078	483	61.1	101	VZ7-Low	55	780210	6452379	90	1	0	4	6	1	0	10	0	28	11.5	0.3	0	1	2	23	8	1	0	1	0	1	0	0
Pilliga	Pilliga	Minimum Plot Requirement	P_4859a_085	483	61.1	101	VZ7-Low	55	766052	6483722	270	1	0	1	3	0	1	15	0	3	0.8	0	0.1	4	1	47	9	0	0	0	1	1	0	0
Pilliga	Pilliga	Minimum Plot Requirement	P_4859_087	483	61.1	101	VZ7-Low	55	779018.2325	6472630.619	30	1	0	8	4	0	1	20	0	29.1	0.4	0	0.1	0	0	87.4	0	0	0	0	1	0	0	0.2
Pilliga	Pilliga	Minimum Plot Requirement	P_4859_103	483	61.1	101	VZ7-Low	55	779248.225	6453682.972	307	0	0	11	7	0	0	0	0	76.3	5.8	0	0	1	0	78	30.5	1	0	0	0	0	0	0.4
Pilliga	Pilliga	Minimum Plot Requirement	P_4859_115	483	61.1	101	VZ7-Low	55	769230.6312	6471512.421	100	1	1	5	5	0	0	25	0.1	50.5	0.9	0	0	1	1	14	18.5	0	0	0	0	0	1	0.2
Pilliga	Pilliga	Minimum Plot Requirement	P_4859a_077	483	124.9	101	VZ8-Low-DNG	55	775480	6445375	27	1	0	1	2	0	0	10	0	2	0.5	0	0	0	0	42	0	0	0	0	1	0	0	0
Pilliga	Pilliga	Minimum Plot Requirement	P_4859_086	483	124.9	101	VZ8-Low-DNG	55	779279.5	6472553.879	253	0	0	4	3	0	0	0	0	65.6	0.4	0	0	0	0	72	0	0	0	0	0	0	0	0.3
Pilliga	Pilliga	Minimum Plot Requirement	P_4859_114	483	124.9	101	VZ8-Low-DNG	55	771040.9292	6473589.866	70	0	0	7	3	0	0	0	0	46.6	0.5	0	0	0	0	40	0	0	0	0	0	0	0	0.3
Pilliga	Pilliga	Minimum Plot Requirement	P_4859_116	483	124.9	101	VZ8-Low-DNG	55	774935.8837	6469702.102	287	0	0	7	9	0	1	0	0	71.6	30.9	0	0.3	0	0	27.4	0	0	0	0	0	0	0	1
Pilliga	Pilliga	Minimum Plot Requirement	P_4859a_123	483	124.9	101	VZ8-Low-DNG	55	765234.2142	6484337.468	327	0	0	1	1	0	0	0	0	10	0.1	0	0	0	0	8	2	0	0	0	0	0	0	0
Pilliga	Pilliga	Minimum Plot Requirement	P_4859a_125	483	124.9	101	VZ8-Low-DNG	55	766926.3501	6482649.055	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6.2	3	0	0	0	0	0	0	0
Pilliga	Pilliga	Minimum Plot Requirement	P_4859a_003	488	0.6	101	VZ9-ModGood	55	765016	6485384	60	3	3	3	9	0	3	40.1	1.2	0.4	8.7	0	0.3	1	2	8.4	34	0	1	1	1	1	0	0
Kerrabee	Kerrabee	Minimum Plot Requirement	P_4859_111	488	3.6	101	VZ11-Low	55	768090.0081	6442469.399	212	3	2	10	4	1	0	11.1	0.5	64.9	0.5	0.4	0	1	0	32	0	1	0	1	1	0	0	0.1
Kerrabee	Kerrabee	Minimum Plot Requirement	P_4859_112	488	3.6	101	VZ11-Low	55	767350.0438	6442382.598	95	3	4	12	7	1	2	29	3.3	45.1	1.5	0.1	0.2	1	1	32	1.5	1	1	1	1	1	0	0.4
Kerrabee	Kerrabee	Minimum Plot Requirement	P_4859a_033	1661	24	101	VZ15-ModGood	55	766917	6442132	330	3	13	11	14	1	1	32.2	61.4	28.7	2.4	5	0.1	0	1	38	50	1	1	1	1	0	1	0
Kerrabee	Kerrabee	Minimum Plot Requirement	P_4859a_034	1661	24	101	VZ15-ModGood	55	767583	6442510	60	1	9	7	7	1	0	30	30.8	13.4	0.9	0.2	0	0	1	38	30	1	1	1	1	0	1	0
Kerrabee	Kerrabee	Minimum Plot Requirement	P_4859a_039	1661	24	101	VZ15-ModGood	55	763122	6436308	210	3	5	8	14	1	1	30	6	47.7	20.3	0.5	0.5	0	0	4.4	36	1	1	1	1	0	1	0
Kerrabee	Kerrabee	Minimum Plot Requirement	P_4859_118	1661	24	101	VZ15-ModGood	55	769033.319	6443059.775	357	3	7	10	3	1	0	35	2.1	15.2	2.2	0.1	0	1	3	41	75.5	1	1	1	1	1	1	0
Kerrabee	Kerrabee	Minimum Plot Requirement	P_4859a_032	1675	21.8	101	VZ16-ModGood	55	767204	6442366	215	5	14	9	12	1	1	38.2	4.2	6.8	1.5	0.1	0.1	1	4	71	60	1	1	1	0	1	1	0
Kerrabee	Kerrabee	Minimum Plot Requirement	P_4859a_074	1675	21.8	101	VZ16-ModGood	55	762548	6433422	200	3	12	8	6	0	2	35	28.3	14.2	43.5	0	1.1	0	5	41	75	1	1	1	1	0	1	0
Kerrabee	Kerrabee	Minimum Plot Requirement	P_4859_106	1675	21.8	101	VZ16-ModGood	55	762649.1079	6432537.66	336	3	9	12	5	1	2	35	17	40.8	1	0.2	0.4	4	9	45	54	1	1	1	1	1	1	0
Kerrabee	Kerrabee	Minimum Plot Requirement	P_4859_108	1675	21.8	101	VZ16-ModGood	55	762703.5428	6433291.99	233	3	6	7	4	1	1	21	15.8	40.7	0.7	0.3	0.1	1	12	44	48.5	1	1	1	1	1	1	0
Kerrabee	Kerrabee	Minimum Plot Requirement	P_4859a_031	483	0.2	101	VZ17-DNG	55	767419	6442184	195	0	1	10	4	1	0	0	0.2	70.9	0.4	0.1	0	0	0	3.6	0	0	0	0	0	0	0	0
Kerrabee	Kerrabee	Minimum Plot Requirement	P_4859a_044	281	10.5	101	VZ2-ModGood	55	761111	6429884	314	2	3	10	23	1	3	0.7	0.3	59	6.7	0.1	0.3	2	2	30	20	1	0	0	0	1	0	1	0
Kerrabee	Kerrabee	Minimum Plot Requirement	P_4859a_045	281	10.5	101	VZ2-ModGood	55	761240	6430183	157	3	0	16	15	2	1	8.2	0	53.8	21.9	2.2	0.8	1	1	4.8	44	1	1	1	1	0	1	0	0
Kerrabee	Kerrabee	Minimum Plot Requirement	P_4859_105	281	10.5	101	VZ2-ModGood	55	760911.0251	6429275.449	335	4	0	16	11	1	1	22.2	0	87.3	1.6	0.2	0.3	2	3	81	43	1	1	1	0	1	1	0.1
Kerrabee	Kerrabee	Minimum Plot Requirement	4859_100	479	2.7	101	VZ4-ModGood	55	763828.8082	6438285.172	181	4	5	5	4	1	1	30.1	3.3	22.2	2.6	0.1	0.1	0	1	37	245	1	1	1	1	0	1	0
Kerrabee	Kerrabee	Minimum Plot Requirement	P_4859_117	479	2.7	101	VZ4-ModGood	55	768684.5923	6442822.211	345	6	11	8	5	0	0	26.4	12.6	19	13.3	0	0	1	2	21	117	1	1	1	1	1	1	0
Kerrabee	Kerrabee	Minimum Plot Requirement	P_4859_107	481	2.3	101	VZ5-ModGood	55	762657.2904	6432921.408	318	1	2	4	3	1	1	40	25.1	80.4	0.6	0.2	0.2	4	4	89.6	95	1	1	1	1	1	1	0
Kerrabee	Kerrabee	Minimum Plot Requirement	P_4859_110	481	2.3	101	VZ5-ModGood	55	768441.6551	6442488.105	266	3	1	9	15	1	2	22	0.1	71.2	7.7	0.1	0.5	1	5	53	56	1	1	0	1	1	1	0.1
Kerrabee	Kerrabee	Minimum Plot Requirement	P_4859a_030	483	0.2	101	VZ6-ModGood	55	767636	6442242	105	3	6	13	14	1	0	26.5	50.5	16.1	2.8	5	0	0	0	42	0	1	1	0	0	0	1	0
Kerrabee	Kerrabee	Minimum Plot Requirement	P_4859a_046	483	0.2	101	VZ6-ModGood	55	763901	6438072	189	2	5	5	19	0	2	20	1	41.4	15.2	0	0.7	1	9	15	50	1	1	1	1	1	1	0
Kerrabee	Kerrabee	Minimum Plot Requirement	P_4859a_040	483	18	101	VZ7-Low	55	763388	6437034	210	2	0	7	12	1	0	10.1	0	63.2	18.5	1	0	3	2	5.4	25	0	0	0	0	1	0	0
Kerrabee	Kerrabee	Minimum Plot Requirement	P_4859_104	483	18	101	VZ7-Low	55	761284.6655	6427665.012	205	2	7	13	8	1	2	32	1.4	23.9	1	0.2	0.3	1	1	66.2	20.5	1	1	1	1	0	1	0.1
Kerrabee	Kerrabee	Minimum Plot Requirement	P_4859_113	483	18	101	VZ7-Low	55	767736.0712	6442461.493	239	1	2	11	3	1	0	30	2.1	87	0.7	0.2	0	2	2	30	15	1	1	1	1	1	1	0.3
Kerrabee	Pilliga	Replicated Plot Requirement	P_4859a_077	483	0.3	101	VZ8-Low-DNG	55	775480	6445375	27	1	0	1	2	0	0	10	0	2	0.5	0	0	0	0	42	0	0	0	0	1	0	0	0
Kerrabee	Pilliga	Replicated Plot Requirement	P_4859_086	483	0.3	101	VZ8-Low-DNG	55	779279.5	6472553.879	253	0	0	4	3	0	0	0	0	65.6	0.4	0	0	0	0	72	0	0	0	0	0	0	0	0.3
Kerrabee	Pilliga	Replicated Plot Requirement	P_4859_114	483	0.3	101	VZ8-Low-DNG	55	771040.9292	6473589.866	70	0	0	7	3	0	0	0	0	46.6	0.5	0	0	0	0	40	0	0	0	0	0	0	0	0.3
Kerrabee	Pilliga	Replicated Plot Requirement	P_4859_116	483	0.3	101	VZ8-Low-DNG	55	774935.8837	6469702.102	287	0	0	7	9	0	1	0	0	71.6	30.9	0	0.3	0	0	27.4	0	0	0	0	0	0	0	1
Kerrabee	Pilliga	Replicated Plot Requirement	P_4859a_123	483	0.3	101	VZ8-Low-DNG	55	765234.2142	6484337.468	327	0	0	1	1	0	0	0	0	10	0.1	0	0	0	0	8	2	0	0	0	0	0	0	0
Kerrabee	Pilliga	Replicated Plot Requirement	P_4859a_125	483	0.3	101	VZ8-Low-DNG	55	766926.3501	6482649.055	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6.2	3	0	0	0	0	0	0	0



APPENDIX F

Current and Future Scores for Partial Impacts

Appendix F Partial Direct Impacts

Current and Future Score for Partial Impacts in Transmission Line (Brigalow Belt South – Liverpool Range)

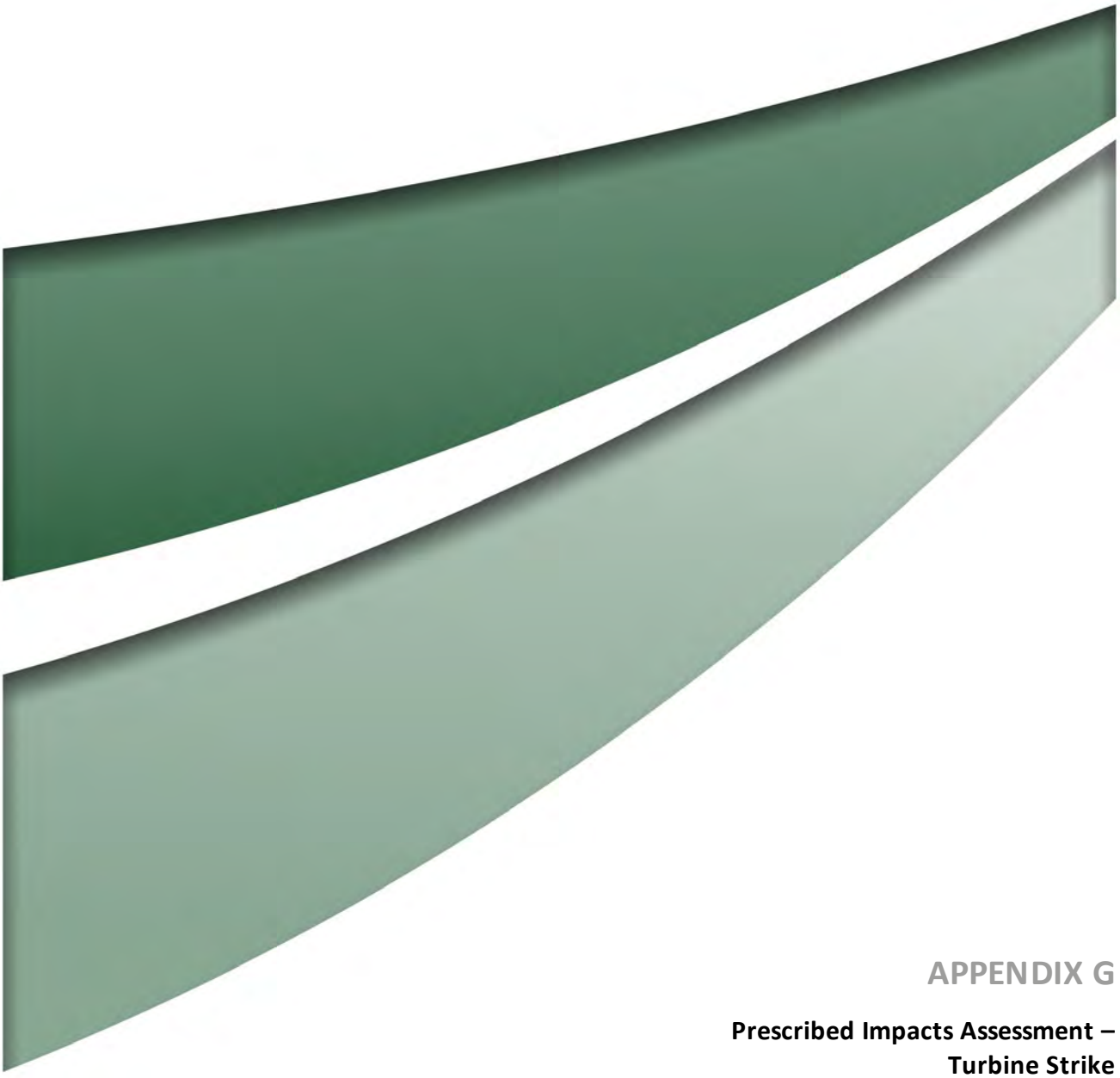
				Composition Condition Score						Structure Condition Score						Function Condition Score									
VZ	PCT	Formation		T	S	GGL	Fo	Fe	O	T	S	GGL	Fo	Fe	O	Regeneration	5-9	10-19	20-29	30-49	50-79	LOT	Litter	Logs	HTW
1	84	Forested Wetlands	Observed Mean	1	1.3	3.5	9.3	0	0.5	27.5	16.5	13.7	8.6	0	0.1	0.3	1.8					2.3	1.2	15.5	7.6
1	84	Forested Wetlands	Partial	0	1.17	3.15	8.37	0	0.45	0	13.2	13.7	8.6	0	0.1	0	0					0	0.84	10.85	0
2	281	Grassy Woodlands	Observed Mean	1	1	6	8	0	1	30	0.1	16.5	1.5	0	0.2	0	2					0	81.6	38	15
2	281	Grassy Woodlands	Partial	0	0.9	5.4	7.2	0	0.9	0	0.1	16.5	1.5	0	0.2	0	0					0	57.12	26.6	0
6	483	Grassy Woodlands	Observed Mean	1.8	0.8	4.8	9	0	1.5	32	7.5	43.2	6	0	0.2	0.3	3.8					1.3	15.5	24.3	0
6	483	Grassy Woodlands	Partial	0	0.72	4.32	8.1	0	1.35	0	7.5	43.2	6	0	0.2	0	0					0	10.85	17.01	0
7	483	Grassy Woodlands	Observed Mean	1	0.7	2.6	7.2	0	0.2	18.9	1.4	22.8	4.8	0	0	0	1.2					1.2	12.7	12.5	0
7	483	Grassy Woodlands	Partial	0	0.63	2.34	6.48	0	0.18	0	1.4	22.8	4.8	0	0	0	0					0	8.89	8.75	0
9	488	Grassy Woodlands	Observed Mean	2.3	1.3	6.5	12.8	0.2	2	31.1	6.8	48.5	27	0	0.2	0.7	3.7					3.3	26.2	32.3	0
9	488	Grassy Woodlands	Partial	0	1.17	5.85	11.52	0.18	1.8	0	6.8	48.5	27	0	0.2	0	0					0	18.34	22.61	0
10	488	Grassy Woodlands	Observed Mean	2.5	2.5	8.5	19	0.5	1	37.9	26.4	24.3	57.4	0.1	0.1	1	4					1.5	17.3	10	0
10	488	Grassy Woodlands	Partial	0	2.25	7.65	17.1	0.45	0.9	0	26.4	24.3	57.4	0.1	0.1	0	0					0	12.11	7	0
11	488	Grassy Woodlands	Observed Mean	1.2	0.3	4.1	10.8	0.1	0.8	25.4	3.2	28	10.1	0	0.5	0.1	1.9					1.4	20.1	38.5	0.1
11	488	Grassy Woodlands	Partial	0	0.27	3.69	9.72	0.09	0.72	0	3.2	28	10.1	0	0.5	0	0					0	14.07	26.95	0
14	495	Dry Sclerophyll Forests	Observed Mean	2.8	1.3	2.8	9	0.5	1.3	30	0.4	9.3	34.4	0.2	0.1	0	2.8					4.8	38.1	24.5	0
14	495	Dry Sclerophyll Forests	Partial	0	1.17	2.52	8.1	0.45	1.17	0	0.32	9.3	34.4	0.2	0.1	0	0					0	26.67	17.15	0

Current and Future Score for Partial Impacts in Transmission Line (Brigalow Belt South – Pilliga)

				Composition Condition Score						Structure Condition Score						Function Condition Score									
VZ	PCT	Formation		T	S	GGL	Fo	Fe	O	T	S	GGL	Fo	Fe	O	Regeneration	5-9	10-19	20-29	30-49	50-79	LOT	Litter	Logs	HTW
1	84	Forested Wetlands	Observed Mean	1	1.5	3.5	11.5	0	0.5	17.5	13.1	4.3	16.3	0	0.1	0	2					1	3.2	2.8	0
1	84	Forested Wetlands	Partial	0	1.35	3.15	10.35	0	0.45	0	10.48	4.3	16.3	0	0.1	0	0					0	2.24	1.96	0
2	281	Grassy Woodlands	Observed Mean	2.5	0	5	14	1.5	2.5	28	0	21.2	21.2	1.1	0.6	0.5	2					3	36.3	22.5	0
2	281	Grassy Woodlands	Partial	0	0	4.5	12.6	1.35	2.25	0	0	21.2	21.2	1.1	0.6	0	0					0	25.41	15.75	0
4	479	Dry Sclerophyll Forests	Observed Mean	2.3	7	6	7.7	0.7	0.7	29.7	24.4	9.9	45	0.1	0.1	1	3.7					1.3	44.3	48	0
4	479	Dry Sclerophyll Forests	Partial	0	6.3	5.4	6.93	0.63	0.63	0	19.52	9.9	45	0.1	0.1	0	0					0	31.01	33.6	0
5	481	Dry Sclerophyll Forests	Observed Mean	2.7	8	8.3	6.7	1	1	32.7	33.1	15.7	18.5	0.1	0.1	1	3.3					0.3	71.7	18.7	0
5	481	Dry Sclerophyll Forests	Partial	0	7.2	7.47	6.03	0.9	0.9	0	26.48	15.7	18.5	0.1	0.1	0	0					0	50.19	13.09	0
7	483	Grassy Woodlands	Observed Mean	0.8	0.2	5.8	5	0.2	0.4	14	0	37.4	3.9	0.1	0	0.2	1					1.4	49.9	13.2	0.2
7	483	Grassy Woodlands	Partial	0	0.18	5.22	4.5	0.18	0.36	0	0	37.4	3.9	0.1	0	0	0					0	34.93	9.24	0
11	488	Grassy Woodlands	Observed Mean	1.2	0.2	3.8	10.1	0.1	0.7	25.1	3	26.4	9.5	0	0.5	0.2	1.9					1.4	19.2	40.7	0.1
11	488	Grassy Woodlands	Partial	0	0.18	3.42	9.09	0.09	0.63	0	3	26.4	9.5	0	0.5	0	0					0	13.44	28.49	0
15	1661	Dry Sclerophyll Forests	Observed Mean	2.4	5	8.4	8.4	0.8	0.6	32.2	4.6	34	19.4	0.4	0.1	0.8	3.2					1.6	43.3	29.3	0
15	1661	Dry Sclerophyll Forests	Partial	0	4.5	7.56	7.56	0.72	0.54	0	3.68	34	19.4	0.4	0.1	0	0					0	30.31	20.51	0
16	1675	Dry Sclerophyll Forests	Observed Mean	3.7	7.3	8.7	6	0.7	1.3	32.4	20	30	34	0.5	0.2	1	3.7					2.3	42.9	52.8	0
16	1675	Dry Sclerophyll Forests	Partial	0	6.57	7.83	5.4	0.63	1.17	0	16	30	34	0.5	0.2	0	0					0	30.03	36.96	0

Current and Future Score for Partial Impacts in Transmission Line (Sydney Basin – Kerrabee)

				Composition						Structure						Function								
VZ	PCT	Formation		T	S	GGL	Fo	Fe	O	T	S	GGL	Fo	Fe	O	Regeneration	5-9	10-19	20-29	30-49	50-79	LOT	Litter	Logs	HTW
2	281	Grassy Woodlands	Observed Mean	3	1	14	16.3	1.3	1.7	10.4	0.1	66.7	10.1	0.8	0.5	1	2.7					1.7	38.6	35.7	0
2	281	Grassy Woodlands	Partial	0	0.9	12.6	14.67	1.17	1.53	0	0.1	66.7	10.1	0.8	0.5	0	0					0	27.02	24.99	0
4	479	Dry Sclerophyll Forests	Observed Mean	5	8	6.5	4.5	0.5	0.5	28.3	8	20.6	8	0.1	0.1	1	4					0.5	29	181	0
4	479	Dry Sclerophyll Forests	Partial	0	7.2	5.85	4.05	0.45	0.45	0	6.4	20.6	8	0.1	0.1	0	0					0	20.3	126.7	0
5	481	Dry Sclerophyll Forests	Observed Mean	2	1.5	6.5	9	1	1.5	31	12.6	75.8	4.2	0.2	0.4	1	0					2.5	71.3	75.5	0.1
5	481	Dry Sclerophyll Forests	Partial	0	1.35	5.85	8.1	0.9	1.35	0	10.08	75.8	4.2	0.2	0.4	0	0					0	49.91	52.85	0
6	483	Grassy Woodlands	Observed Mean	2.5	5.5	9	16.5	0.5	1	23.3	25.8	28.8	9	2.5	0.4	1	3					0.5	28.5	25	0
6	483	Grassy Woodlands	Partial	0	4.95	8.1	14.85	0.45	0.9	0	25.8	28.8	9	2.5	0.4	0	0					0	19.95	17.5	0
7	483	Grassy Woodlands	Observed Mean	1.7	3	10.3	7.7	1	0.7	24	1.2	58	6.7	0.5	0.1	0.7	2.7					2	33.9	20.2	0.1
7	483	Grassy Woodlands	Partial	0	2.7	9.27	6.93	0.9	0.63	0	1.2	58	6.7	0.5	0.1	0	0					0	23.73	14.14	0
11	488	Grassy Woodlands	Observed Mean	3	3	11	5.5	1	1	20.1	1.9	55	1	0.3	0.1	0.5	3.5					1	32	0.8	0.3
11	488	Grassy Woodlands	Partial	0	2.7	9.9	4.95	0.9	0.9	0	1.9	55	1	0.3	0.1	0	0					0	22.4	0.56	0
15	1661	Dry Sclerophyll Forests	Observed Mean	2.5	8.5	9	9.5	1	0.5	31.8	25.1	26.3	6.5	1.5	0.2	1	4					0.3	30.4	47.9	0
15	1661	Dry Sclerophyll Forests	Partial	0	7.65	8.1	8.55	0.9	0.45	0	20.08	26.3	6.5	1.5	0.2	0	0					0	21.28	33.53	0
16	1675	Dry Sclerophyll Forests	Observed Mean	3.5	10.3	9	6.8	0.8	1.5	32.3	16.3	25.6	11.7	0.2	0.4	1	3.8					1.5	50.3	59.4	0
16	1675	Dry Sclerophyll Forests	Partial	0	9.27	8.1	6.12	0.72	1.35	0	13.04	25.6	11.7	0.2	0.4	0	0					0	35.21	41.58	0



APPENDIX G

Prescribed Impacts Assessment – Turbine Strike

umwelt
Environmental & Social Consultants

renewables

LIVERPOOL RANGE WIND FARM

Appendix G – Turbine Strike Prescribed Impact Assessment

FINAL

August 2023

LIVERPOOL RANGE WIND FARM

Appendix G – Turbine Strike Prescribed Impact Assessment

FINAL

Prepared by
Umwelt (Australia) Pty Limited
on behalf of
Tilt Renewables

Project Director: Allison Riley
Project Manager: Bill Wallach
Report No. 4859a/R03/Appendix G
Date: August 2023

75 York Street, Teralba, NSW 2284

Acknowledgement of Country

Umwelt would like to acknowledge the traditional custodians of the country on which we work and pay respect to their cultural heritage, beliefs, and continuing relationship with the land. We pay our respect to the Elders – past, present, and future.

Document Status

Rev No.	Reviewer		Approved for Issue	
	Name	Date	Name	Date
Revised Final	Bill Wallach	28/07/2023	Allison Riley	28/07/2023

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Appendices

1.0 Introduction

1.1 Background

This document has been prepared to address Section 8.3.5 criterion 1 (a)-(c) of the 'assess prescribed biodiversity impacts' section of the Biodiversity Assessment Method (BAM) (DPIE 2020a) for the proposed modification to Development Consent SSD 6696 that was granted for the Liverpool Range Wind Farm (LRWF) project.

Umwelt has prepared this Prescribed Impact Assessment in keeping with the approach used by Umwelt to assess the prescribed impacts of turbine strikes for the Rye Park Wind Farm project located north of Yass, New South Wales (NSW), granted approval to modify the Development Consent SSD 6693 in April 2021. The approach for assessment of prescribed impacts was designed in consultation with the Queanbeyan Biodiversity Conservation and Science (BCD) Directorate. The methodology for qualitative collision risk assessment, including an explanation of the likelihood and consequence scores and overall risk rating matrix, is set out in **Section 8.0** of this Prescribed Impact Assessment**.** Aerial species considered as part of this analysis were selected based on recorded flight data collected during bird and bat utilisation surveys during 2012-2015 (NGH Environmental) and during 2020 and 2023 by Umwelt in the Project site. In keeping with the Prescribed Impact Assessment of turbine strike for the Rye Park Wind Farm, only those aerial fauna species with a distinct risk of being impacted by turbine strike from the Project were considered.

This assessment considers the utilisation of the 22 aerial fauna species across the broader Project site, which includes the extent of landholdings, as well as adjoining lands where vantage point surveys allowed for visual inspection beyond the Project site boundary. This is necessary to capture given the mobility of the species being assessed and the BAM criterion being considered (DPIE, 2020a).

In **Figure 1.1**, the RTS Indicative Development Footprints are presented, which comprise the impact areas associated with the ground disturbances of Liverpool Range Wind Farm, assessed in accordance with the BAM (DPIE, 2020a). The RTS Indicative Development Footprints includes a combination of the RTS Indicative Development Footprint – Wind Farm, RTS Indicative Development Footprint – External Transmission Line, and the RTS Indicative Development Footprint – Public Road Upgrades. A detailed tiled map set is provided for **Figure 1.1** and all other figures in this report, in **Appendix 1**.

1.2 Indicative Turbine Specifications

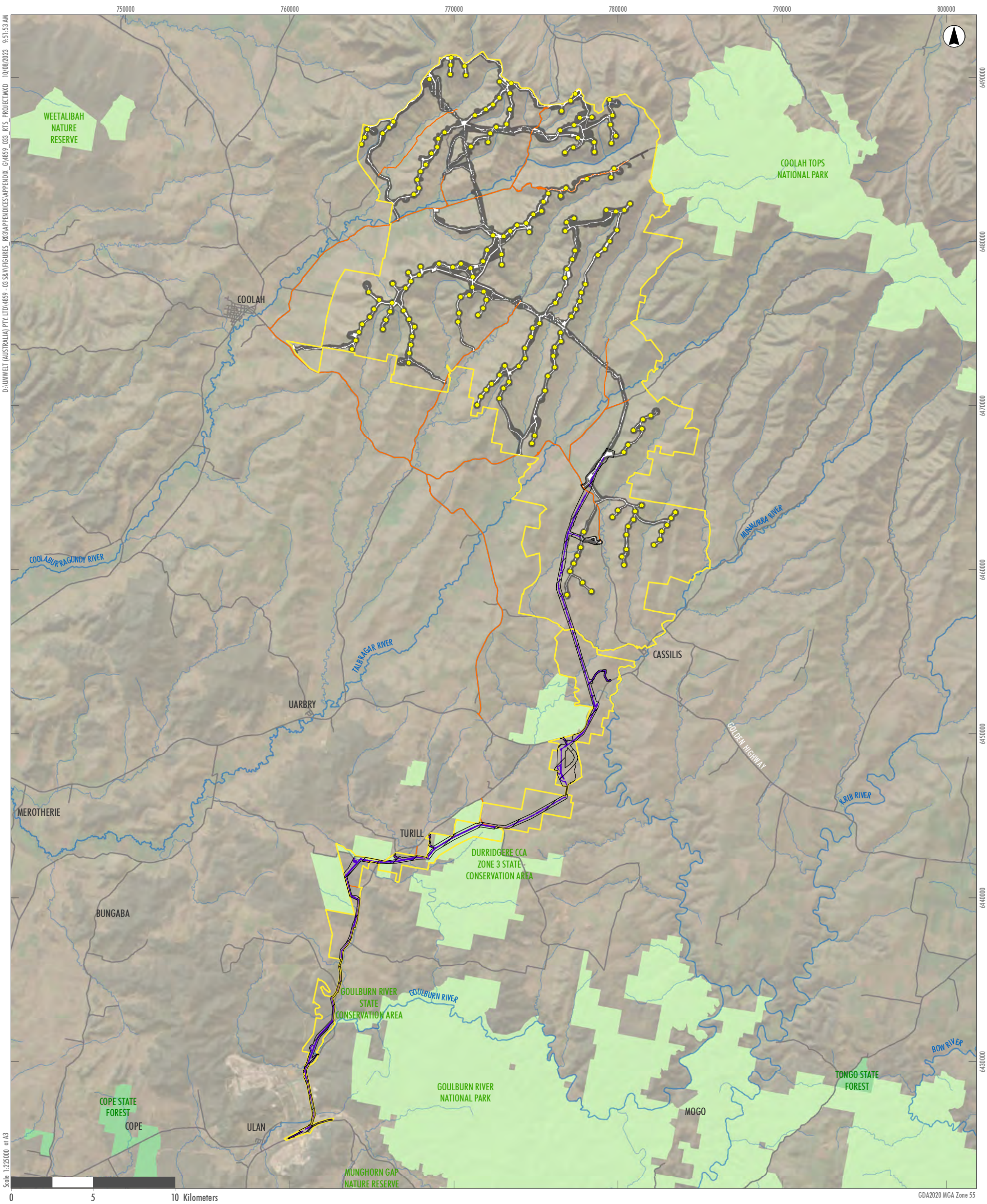
The turbine parameters used for this assessment are based on the Vestas V172 7.2 MW turbine (the preferred turbine identified by the Proponent) for the purpose of interpreting observations and species flight behaviour in relation to collision risk associated with the RTS Project. Following the public exhibition process for the Mod-1 Project that concluded in October 2022, the RTS Project proposes the several changes to the turbine parameters adopted by the Mod-1 Project (2022) and the Approved Project (2018), as summarised in **Table 1.1**.

Table 1.1 Turbine Parameters

Turbine Parameter	RTS Project (2023)	Mod-1 Project (2022)	Approved Project (2018)	Change (RTS Project vs Approved Project)
Maximum number of turbines	185	220	267	-82
Maximum blade tip height (AGL)	215 m	250 m	165 m	+50 m
Blade length	85 m	110 m	65 m	+20 m
Rotor diameter	172 m	222 m	132 m	+40 m
Indicative hub height	129 m	145 m	110 m	+19 m
Minimum ground clearance height to blade tip	40 m	40 m	35 m	+5 m
Rotor swept area (per turbine)	23,235 m^2	34,636 m^2	13,273 m^2	+9,962 m^2
Rotor swept area (all turbines)	430 ha	762 ha	354 ha	+76 ha

The rotor swept area (RSA) – the area swept by the rotating blades during turbine operation – is between 40 metres AGL (i.e., minimum ground clearance) and 215 metres AGL (i.e., maximum blade tip height), equating to an area of approximately 23,235 m^2 per turbine or approximately 430 hectares of total aerial space for the 185 proposed turbines. This presents a reduction of 11,401 m^2 per turbine (33 %) or 332 hectares (44%) of total aerial space compared to the Mod-1 Project that was exhibited.

The increased indicative blade length proposed by the RTS Project equates to an increase of 9,962 m^2 of aerial habitat per turbine or an increase of 76 hectares of aerial habitat in total, compared to the Approved Project (SSD 6696). While this presents an increased aerial impact area compared with the Approved Project, the RTS Project proposes a considerable reduction of aerial impact area compared with that proposed by the Mod-1 Project at exhibition.



Legend

RTS Project

- RTS Project Site
- RTS Wind Turbines

RTS Indicative Development Footprints

- RTS Indicative Development Footprint – Wind Farm
- RTS Indicative Development Footprint – External Transmission Line
- RTS Indicative Development Footprint – Public Road Upgrades

RTS Development Corridor

- RTS Development Corridor – Wind Farm
- RTS Development Corridor – External Transmission Line

- Road
- Drainage Line
- National Parks (NPWS Estate)
- State Forest

FIGURE 1.1

Liverpool Range Wind Farm: RTS Development Corridor and RTS Indicative Development Footprints

Image Source: ESRI Basemap (2022) Data source: NSW DSFI (2022)

2.0 Bird and Bat Utilisation Surveys

2.1 Umwelt BBUS Surveys

The BAM identifies impacts associated with a wind farm to the flyways and migration routes of bird and bat species as 'prescribed impacts' that require specific assessment in accordance with Section 6 of the BAM (DPIE 2020a). The BDAR is required to have regard to the impacts to species that may use the Project site as a flyway or migration route, including:

(a) resident threatened aerial species,

(b) resident raptor species, and

(c) nomadic and migratory species that are likely to fly over the Project site.

To facilitate addressing the requirements of Section 6 of the BAM, Umwelt completed a single comprehensive BBUS program in May 2020, as well as additional Bird Utilisation programs in August 2020 and January 2023. This survey effort was undertaken to contribute to the previous extensive BBUS programs undertaken by NGH Environmental (2013a, 2013b and 2017) as part of the Approved Project (SSD 6696), described below in **Section 2.2**.

Umwelt used vantage point surveys to assess bird and bat site utilisation and characterise flight behaviour of birds in the Project site, but the surveys were specifically undertaken within the RTS Development Corridor. Vantage points were selected to provide suitable spatial coverage, generally at elevated locations with high visibility over the surrounding area (including turbine locations).

The purpose of the BBUS was to:

- Identify 'At Risk' species, being those that are susceptible to collision-based impacts due to observed flight behaviours.
- Be undertaken in accordance with the Best Practice Guidelines for Implementation of Wind Energy projects in Australia (Clean Energy Council 2018).
- Align with industry guidelines for the assessment of impacts from wind farms on birds and bats (AusWEA, 2005).

2.1.1 Bird Utilisation

Bird utilisation was determined by recording all observed bird species and observed abundances at each vantage point. A total of seven bird utilisation sites were surveyed in May 2020, each site was surveyed over three survey periods (morning, noon and evening), twice. A total of 16 bird utilisation surveys were completed across the seven sites in May 2020. Two bird utilisation sites were surveys in August 2020, each site was surveyed twice, totaling four bird utilisation surveys. Bird utilisation surveys were completed over a one (1) hour period. A further 18 bird utilisation surveys were completed in January 2023, across three additional BBUS sites, in the northeast area of the RTS Project near the boundary of Coolah Tops National Park. Each BBUS site was surveyed twice in each of the morning, midday and afternoon time periods. An additional four opportunistic bird utilisation surveys were also undertaken during the survey.

In addition to bird species and abundances being recorded, the following bird behaviour was also collected where applicable:

- observation type (visual or aural)
- the distance and direction of the bird from the observer (to the nearest 10 metres and 10 degrees respectively)
- estimated height of flight above ground level (AGL) (to the nearest 5 metres below 30 metres and to the nearest 10 metres at and above 30 metres)
- direction of travel (to the nearest 10 degrees)
- flight pattern (not flying, local movement, directional flight, circling, stooping, varied, other)
- for birds observed not in flight, behaviour would be noted (perched, foraging, aggressive behaviour, mating etc.).

To record bird activity throughout the day, the replication of bird utilisation sites occurred at different times of the day, either:

- morning (6 am–10 am)
- midday (10 am–2 pm)
- afternoon (2 pm–6 pm).

2.1.2 Bat Utilisation

During the May 2020 survey, six bat utilisation sites were surveyed. At each site, an Anabat microbat echolocation recorder was deployed for the duration of the field survey.

Four bat utilisation sites involved the Anabat recorder being installed at or near ground height.

The remaining two bat utilisation sites had the Anabat recorder deployed at height on existing meteorological masts for the duration of the field survey. Umwelt deployed these Anabat recorder as high as possible, with the meteorological masts used, this height was approximately 35 metres AGL.

During the response to submissions phase of the Project, Umwelt surveyed an additional three bat utilisation sites in the northeast area of the Mod-1 Project near the boundary of Coolah Tops National Park. A single Anabat microbat echolocation recorder was deployed (at or near ground height) at each of the three sites, for three nights each.

This report does not include the results of the 2023 surveys due to high demand of specialist analysis at the timing of this report. The results of the 2023 microbat utilisation surveys are not considered to have a material impact on the outcomes of this report, however, will be documented as an attachment when available.

All call data was downloaded and sent to an expert for identification. The results of the call analysis are provided in **Appendix 2** of this report.

2.1.3 Northeast Forest Owl Survey and Avifauna Habitat Assessment

At the request of BCD through their formal submission on the exhibited BDAR on the Mod-1 Project, Umwelt undertook extensive avifauna surveys in the northeast of the RTS Project near the boundary of Coolah Tops National Park. The scope and methodology of this survey was prepared in consultation with BCD.

The survey comprised the additional bird and bat utilisation surveys described above, as well as targeted surveys for threatened forest owls (including active and passive survey methods) as well as habitat assessments specific for bird and bat species. Each of these components are described below.

2.1.3.1 Avifauna Targeted Survey

The avifauna targeted survey in the northeast area of the RTS Project, near the boundary of Coolah Tops National Park, included the deployment of five acoustic recorders. Specifically, SongMeter Mini units were deployed. The survey targeted threatened forest owls, threatened forest cockatoos, koala and yellow-bellied glider.

Each acoustic recorder was deployed at or near ground height, attached to the trunk of a mature tree. They were installed for four nights, totaling 20 survey nights. The units were set to turn on and commence recording from 30 minutes prior to sunset and turn off 30 minutes after sunrise.

Targeted call playback and spotlighting surveys were also undertaken at three locations within the northeast area of the RTS Project, near the boundary of Coolah Tops National Park. The three sites were replicated twice during the survey program. The target call playback species were:

- Powerful owl.
- Barking owl.
- Sooty owl.
- Masked owl.
- Koala.
- Yellow-bellied glider.

Targeted surveys were also undertaken for greater glider, while call playback is not possible for that species (as it is not vocal), spotlighting surveys were undertaken.

2.1.3.2 Avifauna Habitat Assessment

The forest owl survey in the northeast area of the RTS Project, near the boundary of Coolah Tops National Park, included a range of methodologies designed to identify and record fauna habitat specifically for bird and bat species. This included consideration of hollow bearing trees (particularly large hollows due to suitability for forest owls and cockatoos), stick nests (particularly large stick nests due to suitability for raptor species), large dead standing trees (suitable for forest owls and microbat roosting), rocky outcrops, crevices, man-made structures, cliffs…etc.

This habitat assessment was undertaken through direct survey by ecologists, as well as through the use of Drone operation.

2.2 NGH Environmental BBUS Surveys

Full detail on the extent and nature of BBUS surveys completed by NGH Environmental are provided in the Biodiversity Assessment (2013a and 2013b) and Biodiversity Assessment Addendum (2017). A brief summary is provided below:

- Between October 2012 and October 2013, 24 bird utilisation surveys were undertaken. Each survey was 30 minutes in length.
- In March 2015, four bird utilisation surveys were undertaken. Each survey was 30 minutes in length.

Bird species were recorded (by sight and vocalisations) within the search area, flying overhead and outside the search area. The following variables were also recorded:

- number of individuals
- distance from observer
- flight height AGL (0–20 metres, 21–40 metres, 41–165 metres and >165 metres)
- bird behaviour.

A total of 34 bat utilisation sites were surveyed by NGH Environmental (2017). Each site included the deployment of an Anabat recorder at or near ground level. Each site was surveyed overnight (NGH Environmental 2017).

3.0 Candidate List of Protected Animals Utilising the Development Site

The candidate list of protected animals that were considered as part of the prescribed impact assessment included:

- resident aerial species
- resident raptor species
- nomadic and migratory species that are likely to fly over the RTS Development Corridor.

Targeted surveys were undertaken to determine the list of species that could be adversely affected by the proposed development. The survey methodology and effort are described above in **Section 2.0**.

3.1 Species Recorded or Predicted to Occur and Considered in the Assessment

Table 3.1 lists species that were either recorded or are predicted to occur in the vicinity of the Liverpool Range Wind Farm based on the presence of suitable habitat and the presence of nearby records. In summary, the assessment considered 29 species, comprising 18 threatened species (13 bird and five bat species) and 11 non-threatened species (nine bird and two bat species) (refer to **Table 3.1**).

Of the 29 species, 22 species (16 birds and six bat species) were considered to have a reasonable potential of being impacted by turbine strike (refer to **Table 3.1**), based on understood flight behaviour and/or record of mortality at wind projects in NSW. The likelihood and nature of impact of wind turbine strike on these species has been considered further in **Section 8.0.**

Umwelt have undertaken a comprehensive literature review of all operational wind farms within NSW to compile a list of bird and bat species that have been recorded as being impacted by turbine strike (i.e., mortality events). The literature review searched for and considered wind farm monitoring reports from Bird and Bat Adaptive Management Plans (BBAMP) that have been made publicly available through publishing on project websites, or alternative means. In addition to these public monitoring reports, Umwelt also considered unpublished data provided by two BCD offices (being Dubbo and Queanbeyan), which merely identified species known to have been impacted. This unpublished data did not identify the particular project, number of individuals, frequency of impact, year of impact…etc. This information has been used to indicate in **Table 3.1** whether or not a particular species is known to be susceptible to turbine strike. This assessment does not mean that a species without known mortalities is not susceptible to such impacts, however it does assist with considering the potential likelihood of a species.

Table 3.1 Candidate Species List

Candidate Species	Recorded in Project site?	Threatened/Migratory Species	Known fatalities of the species from NSW wind projects	Considered Further Due to Likelihood of Impact being Moderate or Above
silvereye (*Zosterops lateralis*)	✓	×	×	×
Australian pelican (*Pelecanus conspicillatus*)	✓	×	×	×
swamp harrier (*Circus approximans*)	×	×	×	×
pied currawong (*Strepera graculina*)	✓	×	✓	×
Australian magpie (*Gymnorhina tibicen*)	✓	×	✓	×
white-throated needletail (*Hirundapus caudacutus*)	✓	✓	✓	✓
black-chinned honeyeater (*Melithreptus gularis*)	✓	✓	×	✓
painted honeyeater (*Grantiella picta*)	×	✓	×	✓
superb parrot (*Polytelis swainsonii*)	×	✓	×	✓
wedge-tailed eagle (*Aquila audax*)	✓	×	✓	✓
little eagle (*Hieraaetus morphnoides*)	×	✓	✓	✓
brown falcon (*Falco berigora*)	✓	×	✓	✓
nankeen kestrel (*Falco cenchroides*)	✓	×	✓	✓
spotted harrier (*Circus approximans*)	×	✓	✓	×
square-tailed kite (*Lophoictinia isura*)	✓	✓	×	✓
dollar bird (*Eurystomus orientalis*)	✓	×	×	✓
white-striped freetail bat (*Austronomus australis*)	✓	×	✓	✓
Gould's wattled-bat (*Chalinolobus gouldii*)	✓	×	✓	×
eastern cave bat (*Vespadelus troughtoni*)	✓	✓	×	✓
Corben's long-eared bat (*Nyctophilus corbeni*)	✓	✓	×	✓

Candidate Species	Recorded in Project site?	Threatened/Migratory Species	Known fatalities of the species from NSW wind projects	Considered Further Due to Likelihood of Impact being Moderate or Above
large bent-winged bat (*Miniopterus orianae oceanensis*)	✓	✓	×	✓
yellow-bellied sheath-tail bat (*Saccolaimus flaviventris*)	✓	✓	✓	✓
large-eared pied bat (*Chalinolobus dwyeri*)	✓	✓	×	✓
barking owl (*Ninox connivens*)	✓	✓	×	✓
powerful owl (*Ninox strenua*)	✓	✓	×	✓
masked owl (*Tyto novaehollandiae*)	✓	✓	×	✓
regent honeyeater (*Anthochaera phrygia*)	×	✓	×	✓
swift parrot (*Lathamus discolor*)	×	✓	×	✓
dusky woodswallow (*Artamus cyanopterus*)	✓	✓	×	✓

Highlighted rows identify those species that have been assessed in further detail below.

4.0 Wind Turbine Strike Impact Assessment

Criterion a (i): Predict the likelihood of impact on species living in, or likely to fly over, the proposed development site, including but not limited to bat or bird strike and barotrauma

To ascertain the likelihood and consequence of impacts on aerial species, a risk-based assessment approach has been applied. This assessment has been developed with consideration of a comprehensive report completed by the Arthur Riley Institute (Lumsden *et al.* 2019). The assessment considers the likelihood of blade strike based on recorded flight behaviour and assesses consequence using a range of measures associated with population ecology, abundance and conservation status.

A critical component in assessing wind turbine strike risk for species are the turbine specification, as described above in **Section 1.2**. The potential risk of turbine strike for a particular species is inherently associated with minimum blade tip height, maximum blade tip height, blade length and RSA. These are all the factors that are considered with regard to the known or understood flight behaviour of the bird and bat species.

The consequences of impacts on aerial species develop as monitoring for new farms commences to detect bird and bat strikes and moralities. This assessment considers the monitoring outcomes of several windfarms located throughout NSW which have readily available published reports from their BBAMP monitoring reports (**Table 4.1**).

Table 4.1 Operational Wind Farms in NSW with Published BBAMP Monitoring Reports

Project	Operator	Location	Distance from Project
Bango Wind Farm	Squadron Energy Pty Ltd	30 km north of Yass, NSW	300 km south-west of the RTS Project
Biala Wind Farm	Beijing Jingneng Clean Energy Co. Limited (BJCE)	36 km north west of Goulburn, NSW	308 km south of the RTS Project
Boco Rock Wind Farm	Squadron Energy Pty Ltd	10 km south-west of Nimmatabel, NSW	500 km south of the RTS Project
Bodangora Wind Farm	Iberdrola Australia Limited	20 km north-east of Wellington, NSW	85 km west of the RTS Project
Crudine Ridge Wind Farm	Squadron Energy Pty Ltd	40 km south of Mudgee, NSW	125 km south of the RTS Project
Cullerin Range Wind Farm	EDL	30 km south west of Goulburn, NSW	330 km south of the RTS Project
Gullen Range Wind Farm	BJCE	28 km north west of Goulburn, NSW	310 km south of the RTS Project
Sapphire Wind Farm	Squadron Energy Pty Ltd	24 km west of Glen Innes	275 km northeast of the RTS Project
Silverton Wind Farm	AGL	18 km north west of Broken Hill, NSW	810 km west of the RTS Project
White Rock Wind Farm	Goldwind	42 km east of Inverrell, NSW	280 km south west of the RTS Project

Literature considering bird and bat strike with structures (including wind turbines and their associated infrastructure) largely focusses on the consequences of strike resulting in outputs such as species mortality rates, rather than examining the cause of strikes. Furthermore, studies are commonly focused on a single piece of infrastructure or isolated site. Drewitt and Langston (2008) examined factors contributing to avian wind turbine strike such as geographic location, structural attributes and time of year, with a particular emphasis on morphology and behaviour. They noted that susceptibility to strike varies greatly between species and can be attributed to morphology and flight characteristics, vision, degree of flocking and provisioning of young. Attributes more likely to result in collision with wind turbines include:

- Migratory species that fly long distances at night, that will be disoriented by fog or flashing lights.
- Species that fly locally but further to forage, as short flights are more likely at lower altitudes.
- Species that soar, circle and thermal, such as raptors and swifts, as their vision is directed at the ground for navigation and they often do not see wind turbines in front of them.
- Species that make frequent foraging flights to feed young are believed to take greater risks to find sufficient food (Henderson et al 1996).

Causes of bat strikes with wind turbines are poorly understood, however in Europe and the United States patterns are emerging providing an indication of which species are more likely to be struck, with migratory, tree-roosting bats comprising the vast majority of mortalities. It is expected that migratory behaviour coupled with a propensity to fly at turbine rotor height results in the bulk of mortalities (Valdez and Cryan 2021).

The information described above is considered in the detailed process of assessment the likelihood of impact, consequence of impact and resulting overall risk rating for each species. These components are described in the following sections.

5.0 Rate of Impact

Criterion a (ii) Predict the rate and timing of impact per turbine per year for species likely to be affected

The rate of impact per turbine per year is not quantitatively estimated here given the lack of information on key relevant factors such as turbine avoidance. Rather, a risk-based assessment, similar to that developed by the Arthur Riley Institute (Lumsden *et al.* 2019) has been completed. The details of this assessment are included within the response to **Section 8.0**.

Where available, mortality estimates from other Australian wind farms has been considered for each aerial species within the responses below. Mortality estimates include data from two of 15 Victorian wind farms at which mortality monitoring has been undertaken and mortality rates for particular species determined (Moloney *et al.* 2019). Further, records of species mortality at the ten wind farms in NSW with readily available BBAMP monitoring reports (**Table 4.1**) have also been considered in this prescribed impact assessment.

It is emphasised that mortality rates are likely to vary considerably between wind farms, depending on a range of variables such as their proximity to key habitat features (e.g., important cave roosts), turbine size, landscape position and the inherent spatial variability in species abundance and utilisation of airspace (Richardson 2000, Drewitt and Langston 2006, Krijgsveld *et al.* 2009). For this reason, it is not advisable to extrapolate or predict mortality estimates provided in Moloney *et al.* (2019) for other wind farms such as the RTS Project. However, the consideration of available mortality data is important when estimating relative risk for a species, such as in **Section 8.3**.

6.0 Consequences of Impacts

Criterion a (iii) Predict the consequences of impacts for the persistence of bioregional populations, with reference to relevant literature and other published sources of information

The consequences of impacts for the persistence of the assessed species in the bioregion depends on a range of poorly understood or unknown factors including the following:

- the relative importance of the Project site for the long-term persistence of the greater population in the bioregion
- the degree of connectivity in regard to the movement of individuals between the Project site and surrounding areas
- whether likely mortality rates from blade strike in the Project site would exceed the rate of replacement of individuals either in situ or through dispersal from elsewhere.

Given the lack of data with which to predict estimates and the inherent high uncertainty associated with predictions if attempted, the consequence of impacts for the persistence of bioregional populations is not predicted here.

7.0 Cumulative Impacts

Criterion a (iv) Predict the cumulative impacts of the proposed development alongside existing wind farms on species mortality, movement pattern and use of adjacent habitat

In order to adequately assess cumulative impacts of the Project together with other wind farms in the region, it is first necessary for the effects of all other relevant wind farms to be quantified to a consistent standard and to be available (Moloney et al. 2019). In the absence of this information, a summary including an examination of basic factors such as species distribution relative to nearby wind farms and the total number of turbines in the region is provided below.

There are no operational wind farms within 50 km of the proposed RTS Project, the nearest being Bodangora Wind Farm approximately 71 km to the west-south-west of the proposed RTS Project **Table 7.1** summarises the wind projects within approximately 100 km of the proposed RTS Project, including their location, direction, number of wind turbines and phase. This list considers those Project identified in the formal BCS submission on the Mod-1 Project within or around the 100 km approximate radius. The closest proposed wind project to the RTS Project is Valley of the Winds, which is currently under assessment and is located just 15 km west (on the other side of Coolah, NSW).

Table 7.1 Wind Farms in the vicinity of the RTS Project

Name	Distance (km) from RTS Project	Direction from RTS Project	Turbines	Phase
Valley of the Winds (proposed)	15 (nearest location)	SW	148	Assessment
Barney's Reef Wind Farm (proposed)	47	SW	63	Assessment
Orana Wind Farm (proposed)	50	WSW	92	Assessment
Kyoto Energy Park	66	E	34	Approved
Bodangora Wind Farm	71	WSW	33	Operational
Spicers Creek Wind Farm (proposed)	73	SW	117	Assessment
Piambong Wind Farm (proposed)	80	SW	93	Assessment
Crudine Ridge Wind Farm	90	SSW	37	Operational
Uungula Wind Farm	96	SW	93	Pending Construction
Burrendong Wind Farm (proposed)	102	SW	105	Assessment
Bowmans Creek Wind Farm	104	SE	56	Assessment
Hills of Gold Wind Farm	109	NE	64	Assessment

While cumulative impacts relating to the proposed RTS Project and proposed Valley of the Winds Wind Farm are considered possible, they are not considered to pose a threat to localised populations of avifauna. The extent of these cumulative impacts is likely to be consistent with such impacts of other closely located operational wind projects in NSW, such as:

- Bango Wind Farm and Rye Park Wind Farm.
- Capital Wind Farm and Woodlawn Wind Farm.
- Collector Wind Farm and Cullerin Range Wind Farm.
- Gunning Wind Farm, Gullen Range Wind Farm, Biala Wind Farm and Crookwell Wind Farm.
- Sapphire Wind Farm and White Rock Wind Farm.

The RTS Project occurs within the Central – West Orana Renewables Energy Zone (REZ) identified by the NSW Government's Electricity Strategy and Electricity Infrastructure Roadmap. Specifically, the RTS Project occurs in the north-eastern corner of the Central – West Orana REZ. REZs will be critical in delivering affordable and reliable energy production; helping to replace the State's existing power stations as they come to their scheduled end of operational life. The NSW Government describes the REZs as modern-day power stations, combining a range of renewable energy generation (including wind), storage (including battery) and high-voltage poles and wires to connect across NSW.

The initiative to establish REZs across particular regions of NSW will inevitably encourage a substantial increase to the pipeline of large-scale renewable energy and storage projects. In turn, cumulative impacts of all Projects within the REZs need to be considered.

Cumulative impacts are more likely to be felt by nomadic or migratory populations within the Central – West Orana Renewable Energy Zone (REZ), given the potential for them to pass through multiple project turbine layouts. It is impractical to predict and manage given the large spatial range of some species (e.g., swift parrot and white-throated needletail). The extent to which these cumulative impacts are realized is not possible to assesses or determine in the absence of all projects being publicly available.

8.0 Likelihood and Nature of Impacts

Criterion a (v) likelihood and nature of impacts on aerial species living in, or likely to fly over, the proposed development site, including barriers to migratory pathways, and breeding, feeding and resting resources

8.1 Comparison to Operating Wind Farms

In the absence of multiple operating wind farms in the region of the Project, data has been sourced from wind farms in Victoria (Moloney *et al.* 2019), north-west NSW (BCD unpublished data) and south-east NSW (BCD unpublished data) where mortality monitoring has taken place. This assessment also considers the results and outcomes of post-construction monitoring undertaken at the following NSW windfarms:

- Bango Wind Farm
    - Annual EPBC Compliance Report – Bango Wind Farm (CWP 2021).
    - Annual EPBC Compliance Report – Bango Wind Farm (CWP 2022).
- Biala Wind Farm
    - Biala Wind Farm First Annual Report on the Implementation of the Bird and Bat Adaptive Management Program (Nature Advisory 2022).
- Boco Rock Wind Farm
    - Boco Rock Wind Farm Bird and Bat Monitoring Annual Report 2021 Year 7 (NGH 2022).
- Bodangora Wind Farm
    - Annual report on the implementation of the Bird and Bat Adaptive Management Plan (Nature Advisory 2020).
    - Bird and Bat Adaptive Management Plan – Second Annual Report (Nature Advisory 2021a).
- Crudine Ridge Wind Farm
    - Crudine Ridge Wind Farm Bird and Bat Adaptive Management Plan Implementation Report – Year One (Eco Logical 2022).
- Cullerin Range Wind Farm
    - Cullerin Range Wind Farm Annual Environmental Management Report (EDL 2020).
    - Cullerin Range Wind Farm Annual Environmental Management Report (EDL 2022).
- Gullen Range Wind Farm
    - Gullen Range Wind Farm Bird and Bat Adaptive Management Program, Report on Year One Implementation (Brett Lane and Associates 2016).

- Gullen Range Wind Farm Bird and Bat Adaptive Management Program, Annual Report March 2016 to February 2017 (second year of implementation) (Brett Lane and Associates 2016).

- Sapphire Wind Farm
  - Second Year Annual Report of the Implementation of the Bird and Bat Adaptive Management Plan (Nature Advisory 2021b).

- Silverton Wind Farm
  - Silverton Wind Farm Year 2 Bird and Bat Mortality Monitoring Survey, February 2021 to November 2021 (Elmoby Ecology 2021).

- White Rock Wind Farm
  - White Rock Wind Farm Bird and Bat Adaptive Monitoring Program, First Year Annual Report March 2018 - May 2019 (Brett Lane and Associates, 2019).

The following risk assessment considers species mortality from these sources, as well as ecological and biological factors, to assess turbine blade strike risk, risks relating to barotrauma, and the impact of the proposed development on migratory pathways.

8.1.1 Risk Assessment Method

The relative risk of blade strike for the 22 species assessed here was estimated using two criteria to ascribe likelihood of risk and four criteria to ascribe consequence of risk (**Table 8.1, Table 8.2**). These six criteria were employed in a study conducted with the aim of developing a science-based approach to aid decision-making regarding turbine collision risk for birds and bats in Victoria (Lumsden *et al.* 2019). The criteria used by Lumsden *et al.* (2019) to determine the relative risk for 'species of interest' were:

- Criterion A – Flight Height.
- Criterion B – Habitat Preference.
- Criterion C – Geographic Population Concentration.
- Criterion D – Demographic Resilience.
- Criterion E – Population Size.
- Criterion F – Listed Conservation Status.

Each criterion was either adopted unchanged or was adjusted for the purposes of this current assessment as appropriate to ensure the particulars of each criterion were relevant to specific aspects of the Project such as geographic location. For the purposes of this assessment, Criterion A, C and F were slightly altered, Criterion B was substantially altered and the thresholds and spatial scale for Criterion E were adjusted.

Table 8.1 Criteria used to ascribe likelihood of risk

A	B
Known or likely frequency of flights within RSA height	Status or frequency of occurrence in the **Project site**

Table 8.2 Criteria used to ascribe consequence of risk

C	D	E	F
Highly localised or concentrated population (for whole or part of lifecycle), such that siting of wind farm could have significant consequence to regional, national or international population.	Impact on population relative to demographic capacity to replace fatalities (i.e., generalised combination of dispersal capacity of potential replacements, fecundity and generation time).	Known or estimated size of national or global population.	Listed conservation status under the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act) and/or the BC Act.

Each of the 22 species was ranked either Low, Moderate or High for each criterion depending on which is most appropriate in consideration of the assessed species' ecology and observed or predicted utilisation of the Project site. Descriptions for each ranking are outlined in **Table 8.3.**

Criterion A (flight height) was assessed by identifying the frequency of flights observed between 40 metres and 215 metres above ground level (AGL) in the Project site and assessing this with consideration of observed and reported flight behaviour from elsewhere in Australia. Given that flight height data for bird and bat species in Australia is scant and observation data from pre-construction surveys at wind farms sites is largely unavailable, estimates of flight height require an adequate number of observations from the assessed site coupled with consideration of expert opinion on known flight behaviour for each species assessed. This Criterion is important as flight height is the primary variable through which a relative estimate of collision risk can be reached. Further, this Criterion also considers whether or not the species has had any mortalities recorded from other wind farms, as this indicates a susceptibility of the species to occur within rotor swept areas (noting that these will differ between projects).

Criterion B (status in Project site) was assessed by determining the status or estimating the frequency of occurrence in the Project site. This Criterion is included as it is an essential component for estimating overall blade strike risk. Data from field surveys conducted by NGH Environmental in 2012, 2013, 2015 and 2016, and by Umwelt in 2020 and 2023 were primarily used to establish the ranking for this criterion. In the absence of species observations, likelihood of occurrence was predicted based on historical and local observations, known ranges and/or presence of suitable foraging or nesting habitat.

Criterion C (geographic population concentration) was assessed by estimating the degree to which a species' population may be concentrated due to site related factors such as geographic location, habitat type, proximity to important habitat or roost locations (i.e., significant wetlands, roost caves) and how this relates to the specific landscape in which the Project site is located. Lumsden *et al*. (2019) noted that this criterion is intended to account for situations where the degree to which a taxon is geographically concentrated may influence the risk posed by the particular location of a wind farm. Where large flocks or aggregations are involved the concentration of individuals may be for short seasonal periods but may nonetheless substantially heighten risk to a large portion of a species' total population. This is particularly important if a large proportion of a species' population passes through a localised area, such as a migratory corridor, over the course of each seasonal passage.

Criterion D (demographic resilience) was assessed through consideration of known aspects of each assessed species breeding biology and, most specifically, the nature of species' life-history traits. This criterion is included in the risk assessment as it is necessary to estimate the capacity to which a species may replace individuals lost to mortality resulting from blade strike.

Criterion E (population size) is included to account for the variation in the significance of mortality of a given number of individuals between species as a result of the large variation in assessed species' national or global populations. This, when assessed in combination with Criterion D provides a measure through which the relative vulnerability of a species to loss of individuals can be estimated.

Criterion F (listed conservation status) refers to the status of bird and bat species listed under the EPBC Act and/or the BC Act. In instances where a species listing differs between Acts, for example one that is listed vulnerable under the EPBC Act and endangered under the BC Act the most threatened listing category is selected for the purposes of this assessment - the order of importance being critically endangered, endangered, and vulnerable. Species listed as migratory and/or marine under the EPBC Act are not assigned a rank for this criterion.

Table 8.3 Descriptions of each score for Criterion A–F

Likelihood/ Consequence Score	Criterion A	Criterion B	Criterion C	Criterion D	Criterion E	Criterion F
Low	Species that do not or rarely fly at RSA height.	Species that rarely occur in the Project site.	Species that are widely distributed within areas of suitable habitat and the habitat itself is relatively widely dispersed.	Species that form breeding territories and that have a reasonable proportion of the population as nonbreeding 'floaters' that can rapidly replace breeding territorial adults if lost; species that may or may not form breeding territories and that are short-lived and have high fecundity; species that have capacity for long range or widespread juvenile or sub-adult dispersal.	Total population (i.e., whether that corresponds to the national population of Australian endemics or a migrant's global population) is estimated to number more than 20,000 individuals.	Species not listed or listed as near threatened or data deficient under the EPBC Act and/or the BC Act.
Moderate	Species which regularly fly below RSA height and occasionally fly at RSA height.	Species that occasionally occur in, or occasionally move through the Project site.	Species that may be more widespread or have greater flexibility in the range of suitable habitat availability, but where a high proportion of their population is likely to be concentrated at sites where they do occur.	Species with life-history characteristics that sit between the low and high descriptions here.	Total population is estimated to number between 5,000 and 20,000 individuals.	Species listed as vulnerable under the EPBC Act and/or the BC Act
High	Species in which a high proportion of flight activity is at RSA height.	Species that regularly occur in, or regularly move through the Project site.	Bat species that have major aggregations at a few caves, or bird or bat species that have either very restricted distributions or those where a substantial proportion of a population may move through certain areas (i.e., migratory pathways).	Species that form breeding territories but where there is limited capacity for a lost breeding adult to be readily replaced; species that do not form breeding territories and that are long-lived and/or have low fecundity; species that may have short-distance juvenile or sub-adult dispersal capacity only.	Total population is estimated to number less than 5,000 individuals.	Species listed as endangered or critically endangered under the EPBC Act and/or the BC Act.

8.2 Estimating Overall Risk

Estimates of overall risk for each assessed species were determined by following an approach similar to that employed by Lumsden *et al*. (2019) with the most notable exception being the difference in spatial scale for which resulting estimates of risk are intended to be relevant to (i.e., state-wide vs site-specific). Elements of the likelihood and consequence of collision were combined to form an overall qualitative risk rating (Low/Moderate/High) specific to the Project for the likelihood of collision and the consequence of collision. Likelihood of collision questions (Criterion A and B) and consequence of collision questions (Criterion C to F) were combined in a generally additive process to determine whether the overall likelihood and consequence of collisions was Low, Moderate or High.

The following describes how the **likelihood of collision** scores were determined:

- **High**: Either criteria A or B is High and neither can be Low.
- **Moderate**: All other combinations not described in High or Low.
- **Low**: Both Criteria A and B are Low, or in cases where Criterion A is Low because the likelihood of flight at RSA is deemed extremely unlikely based on knowledge of the species' flight behaviour and/or observations from the Project site.

The following describes how the **consequence of collision** scores were determined:

- **High:** The majority of Criteria C, D, E and F are High, or the risk associated with Criterion C for localised concentration is High. It was considered that the consequences of high mortality due to wind turbine collisions for species that have a limited distribution and/or have the capacity to be highly concentrated is sufficiently large such that, if a species' risk associated with this element was High, the consequences of collision should also be set to High, irrespective of the risks of the other criteria.
- **Moderate**: The majority of Criteria C, D, E and F were Moderate.
- **Low:** The majority of Criteria C, D, E and F were Low.

Once the overall scores for the likelihood and consequence of collision specific to the Project had been assigned for a species, the results were then placed into a risk matrix to determine the overall risk rating and level of concern (refer to **Table 8.4**). Five overall risk ratings were used, namely Negligible, Minor, Moderate, High, and Severe, based on the combination of the scores for likelihood and consequence.

Table 8.4 Risk matrix

		Consequence of Collisions		
		Low	**Moderate**	**High**
Likelihood of Collisions	**Low**	Negligible	Minor	Moderate
	Moderate	Minor	Moderate	High
	High	Moderate	High	Severe

8.3 Assessment of Likelihood and Consequence of Impact

8.3.1 Barking owl

8.3.1.1 Information on barking owl from Australian wind farms

There are no published records of blade strike of barking owls in the available literature in Victoria (Moloney et al. 2019), from the publicly available wind monitoring data collated by Umwelt from 11 wind projects (NGH 2022, Nature Advisory 2020, Nature Advisory 2021a, Nature Advisory 2021b, CWP 2021, CWP 2022 and Eco Logical 2022) nor from south-east or north-west BCD (unpublished data).

8.3.1.2 Status and flight behaviour in the Project site

Barking owl were not recorded during BBUS surveys, however it was recorded during targeted surveys in the northeastern portion of the Project site (near the adjoining Coolah Tops National Park) by Umwelt in 2021. The proposed turbines that were the focus of these particular targeted surveys have been removed from the proposed turbine layout of the RTS Project (i.e., removed from the Mod-1 Project layout). These turbines were removed from the RTS Project design by the Proponent following consideration of the formal submission made by BCS seeking to have those proposed wind turbines in proximity to Coolah Tops National Park were removed in recognition of the likely foraging habitat that occurs in that area of the RTS Project Site for threatened owl species that reside in the National Park.

The Project lies within the species' known range (BCD 2021b) and there are multiple sightings in surrounding areas in all directions, specifically Coolah Tops National Park and Durridgere State Conservation Area (ALA 2021a, Eldridge *et al*. 2020). **Figure 8.1** presents BioNet records of the species in the wider locality.

8.3.1.3 Likelihood and Consequence of Impacts

The overall risk rating for barking owl is **Moderate**, based on a Moderate likelihood and Moderate consequence of collisions (**Table 8.5**). The rationale for responses to each criterion is as follows:

A) Barking owl are known to perch and hunt in large trees, as well as aerially above canopies, which may include flight within the RSA during (Marchant, Higgins and Davies 1999). No mortalities of the barking owl have been recorded from operational monitoring of wind projects in NSW, based on the publicly available reports and BCD unpublished data.

B) Barking owl are likely to occur in the Project site for foraging activity, particularly in the northeastern portion, due to its proximity to Coolah Tops National Park where breeding habitat is likely to occur (BCD 2021b, ALA 2021a). However, with 10 proposed wind turbines (C10, C19, C20, C21, D56, D60, D61, E41, E42 and 49) having been removed by the RTS Project compared with the Modified Project, the potential frequency of interaction of this species with wind turbines has been reduced. Despite the Project site being known to support suitable sized hollow bearing trees for barking owl breeding activity, no breeding has been recorded. Further, it is not considered likely the species would prioritise the use of such habitat in the Project site given the abundance of intact suitable habitat in Coolah Tops National Park.

C) Barking owl are widely distributed in NSW, but sparse in population due to habitat fragmentation (BCD 2021b).

D) The life-history characteristics of barking owl overlap with certain aspects of both the descriptions for a Low and High rating for Criterion D (Marchant, Higgins and Davies 1999).

E) The total population of barking owl is not quantified, however is thought to be above 10,000 individuals (Birdlife International 2021b).

F) Barking owl are not listed under the EPBC Act but are listed Vulnerable under the BC Act.

Table 8.5 Barking owl risk assessment

	Criterion A	Criterion B	Criterion C	Criterion D	Criterion E	Criterion F
Low						
Moderate	X	X	X	X	X	X
High						
Risk Rating						
Likelihood	Moderate	**Consequence**	Moderate	**Risk Rating**	Moderate	

8.3.2 Large bent-winged bat

8.3.2.1 Information on large bent-winged bat from Australian wind farms

Large bent-winged bat mortality has been recorded in south-east New South Wales (BCD unpublished data) but not quantified. There are eight published records of blade strike of the closely related southern bent-winged bat in the available literature in Victoria (Moloney et al. 2019). A mortality model for southern bent-winged bat generated a mortality rate estimate of 0.1 individuals per turbine per year (95% CI 0-0.5) for one particular wind farm (Moloney et al. 2019).

No fatalities in association with turbine strikes of this species have been recorded in the publicly available NSW operational monitoring reports reviewed for this assessment (NGH 2022, Nature Advisory 2020, Nature Advisory 2021a, Nature Advisory 2021b, CWP 2021, CWP 2022 and Eco Logical 2022). However, this species has been recorded post-construction bat utilisation surveys at Bodangora Wind Farm (Nature Advisory 2020 and 2021a) and at Boco Rock Wind Farm during quarterly monitoring survey (NGH 2022).

8.3.2.2 Status and flight behaviour in the Project site

Large bent-winged bat was positively identified through call detection during the 2012 field surveys (NGH Environmental 2013a, 2013b) and the 2015 surveys (NGH Environmental2015). Microbat call analysis from the 2020 bat utilisation survey conducted by Umwelt detected calls that could be from large bent-winged bat, however, were unable to confirm the species' presence from the data collected (Echo Ecology and Surveying 2021). Umwelt note that call analysis from the 2023 survey in the northeast of the RTS Project are still outstanding. **Figure 8.1** presents BioNet records of the species in Project site and the wider locality.

8.3.2.3 Likelihood and Consequence of Impacts

The overall risk rating for large bent-winged bat is **High**, based on a High likelihood and Moderate consequence of collisions (**Table 8.6**). The rationale for responses to each criterion is as follows:

A) Based on available data large bent-winged bats are likely to occasionally fly at RSA height in the Project site. This is based on mortalities of the species having been recorded on wind projects in Victoria (Moloney et al. 2019) and NSW (BCD unpublished data).

B) Large bent-winged were recorded in the Project site from multiple locations across multiple years.

C) Large bent-winged bats congregate in large numbers at caves with breeding taking place in sparse 'maternity caves' (Dwyer, Hamilton-Smith 1965). No breeding/maternity caves are known to occur in or near the Project site.

D) The life-history characteristics of the large bent-winged bat overlap with certain aspects of both the descriptions for a Low and High rating for Criterion D (Churchill 2009).

E) It is likely that the total population of large bent-winged bats is over 20,000 individuals (Churchill 1998, Pennay *et al.* 2011).

F) The large bent-winged bat is listed as vulnerable in NSW under the BC Act.

Table 8.6 Large bent-winged bat risk assessment

	Criterion A	Criterion B	Criterion C	Criterion D	Criterion E	Criterion F
Low					X	
Moderate	X		X	X		X
High		X				
Risk Rating						
Likelihood	High	**Consequence**	Moderate	**Risk Rating**	High	

8.3.3 Powerful owl

8.3.3.1 Information on powerful owl from Australian wind farms

There are no published records of blade strike of powerful owl from Victoria or from the publicly available wind monitoring data collated by Umwelt from 11 wind projects (NGH 2022, Nature Advisory 2020, Nature Advisory 2021a, Nature Advisory 2021b, CWP 2021, CWP 2022 and Eco Logical 2022).

However, there is a mortality record for the species from south-east New South Wales (BCD unpublished data).

Lumsden *et al.* (2019) assesses a Likelihood and Consequences for turbine strike on the powerful owl as Moderate, with the Moderate Likelihood and High Consequence being the lowest probability (8.7%), while High Likelihood and Moderate Consequence had the highest probability (48.8%).

8.3.3.2 Status and flight behaviour in the Project site

Powerful owl was recorded during the 2013 nocturnal surveys (NGH Environmental 2013a). Two occurrences were recorded following playback of powerful owl call; however, it was noted that the two responses may have been from the same individual. The species was not recorded by Umwelt despite extensive surveys in 2020, 2021 and 2023.

There are multiple sightings of powerful owl in surrounding areas in all directions, specifically Coolah Tops National Park and Durridgere State Conservation Area (ALA 2021b, Eldridge *et al*. 2020).

A number of wind turbines were removed from the RTS Project design by the Proponent following consideration of the formal submission made by BCS seeking to have proposed wind turbines in proximity to Coolah Tops National Park removed in recognition of the likely foraging habitat that occurs in that area of the RTS Project Site for threatened owl species that reside in the National Park.

Figure 8.1 and detailed **Figure 8.1** set provided in **Appendix 1** presents BioNet records of the species in the wider locality.

8.3.3.3 Likelihood and Consequence of Impacts

The overall risk rating for powerful owl is **Moderate**, based on a Moderate likelihood and Moderate consequence of collisions (**Table 8.7**). The rationale for responses to each criterion is as follows:

A) Powerful owl is known to perch and hunt in the canopy of tall trees, as well as aerially, which may include flight within the RSA (Marchant, Higgins and Davies 1999). As north-east BCD (unpublished data) have communicated a mortality event of this species, it confirms the species has the potential to fly within RSA.

B) Powerful owl is likely to occur in the Project site for foraging activity, particularly in the north eastern portion, due to its proximity to Coolah Tops National Park where the species breeding habitat is likely to occur (BCD 2021b, ALA 2021b). Further, it is not considered likely the species would prioritise the use of such habitat in the Project site given the abundance of intact suitable habitat in Coolah Tops National Park. With 10 proposed wind turbines (C10, C19, C20, C21, D56, D60, D61, E41, E42 and 49) having been removed by the RTS Project compared with the Mod-1 Project, the potential frequency of interaction of this species with wind turbines has been reduced. Despite the Project site being known to support suitable sized hollow bearing trees for barking owl breeding activity, no breeding has been recorded. Despite the Project site is known to support suitable sized hollow bearing trees for powerful owl breeding activity, no breeding has been recorded. Further, it is not considered likely the species would prioritise the use of such habitat in the Project site given the abundance of intact suitable habitat in Coolah Tops National Park.

C) Powerful owl is widely distributed within suitable habitat which itself is widely distributed, with a large home range (Marchant, Higgins and Davies 1999).

D) The life-history characteristics of powerful owl overlap with certain aspects of both the descriptions for a Low and High rating for Criterion D (Marchant, Higgins and Davies 1999).

E) The total population of powerful owl is estimated at between 2,200 – 2,800 individuals, however this population is considered stable (Birdlife International 2021c).

F) Powerful owl is not listed under the EPBC Act, but are listed Vulnerable under the BC Act.

Table 8.7 Powerful owl risk assessment

	Criterion A	Criterion B	Criterion C	Criterion D	Criterion E	Criterion F
Low			X			
Moderate	X	X		X		X
High					X	
Risk Rating						
Likelihood	Moderate	**Consequence**	Moderate	**Risk Rating**	Moderate	

8.3.4 Regent honeyeater

8.3.4.1 Information on regent honeyeater from Australian wind farms

There are no records of blade strike of regent honeyeater in available literature from Victoria (Moloney *et al* 2019) or New South Wales (BCD unpublished data, NGH 2022, Nature Advisory 2020, Nature Advisory 2021a, Nature Advisory 2021b, CWP 2021, CWP 2022 and Eco Logical 2022).

8.3.4.2 Status and flight behaviour in the Project site

No regent honeyeaters were recorded during field surveys; however, the Project is within the species' range, results of the desktop assessment indicate the species, or its habitat are known to occur within the Project site (DoEE 2019), and there are multiple confirmed sightings within 5-10 km of the Project's north-eastern boundary (DPIE 2021b). The likelihood of this species to occur in any given area of NSW is largely reliant on heavy flowering events of winter flowering eucalypts. Therefore, given the extent of potential suitable habiat identified in the Project site, it is possible (albeit rare) the species could occur in the Project site during a heavy flowering event. Additionally, the Project site is located in the middle of three identified breeding locations for the regent honeyeater (DoE 2016), however the Project site is not identified within the Important Area mapping for the regent honeyeater (DPIE 2021). **Figure 8.1** presents BioNet records of the species in the wider locality.

8.3.4.3 Likelihood and Consequence of Impacts

The overall risk rating for regent honeyeater is **High**, based on a Moderate likelihood and High consequence of collisions (**Table 8.8**). The rationale for responses to each criterion is as follows:

A) There is insufficient literature describing regent honeyeater flight height, however the species has the potential to fly at RSA height, especially during migration and given the minimum blade-tip clearance of 40 m. Therefore Criterion A is assigned a Moderate classification.

B) The species has not been recorded in the Project site despite targeted surveys in multiple years. However the species is known to occur in the region, the Project site supports potential foraging and breeding habitat which extends into the wider region, and the Project site is also located between breeding sites. Criterion B is Low because while this species has the potential to seasonally visit the Project site in a given year, given the surveys undertaken in the Project site and absence of the species being recorded the occurrence of the species is considered rare.

C) Regent honeyeaters congregate in and are primarily observed in foraging habitat that is highly fragmented (DoE 2016).

D) Due to the low numbers of regent honeyeaters remaining (see point e) and fidelity to breeding sites (DoE 2016), Criterion D is considered High.

E) The total population of regent honeyeater remaining was estimated at 100 breeding pairs (Crates *et al*. 2018).

F) Regent honeyeater is listed as critically endangered under both the EPBC Act and BC Act.

Table 8.8 Regent honeyeater risk assessment

	Criterion A	Criterion B	Criterion C	Criterion D	Criterion E	Criterion F
Low		X				
Moderate	X					
High			X	X	X	X
Risk Rating						
Likelihood	Moderate	**Consequence**	High	**Risk Rating**	High	

8.3.5 Swift parrot

8.3.5.1 Information on swift parrot from Australian wind farms

There are no records of blade strike of swift parrot in available literature from Victoria (Moloney *et al* 2019) or New South Wales (BCD unpublished data, NGH 2022, Nature Advisory 2020, Nature Advisory 2021a, Nature Advisory 2021b, CWP 2021, CWP 2022 and Eco Logical 2022).

8.3.5.2 Status and flight behaviour in the Project site

Swift parrot was not observed during field surveys, however given the size of the remaining population and seasonal migration of the species it is possible that the species could occur in the Project site in a particular year. The likelihood of this species to occur in any given area of NSW is largely reliant on heavy flowering events of winter flowering eucalypts. Therefore, given the extent of potential suitable habitat identified in the Project site, it is possible (albeit rare) the species could occur in the Project site during a heavy flowering event. The Project sits within 'predicted' habitat and is surrounded by 'known' habitat (BCD 2000b), however, it is not identified within the Important Area mapping for the swift parrot (DPIE 2021b). **Figure 8.1** presents BioNet records of the species in the wider locality.

8.3.5.3 Likelihood and Consequence of Impacts

The overall risk rating for swift parrot is **High**, based on a Moderate likelihood and High consequence of collisions (**Table 8.9**). The rationale for responses to each criterion is as follows:

A) No data exists to accurately describe swift parrot flight heights, however in a 2005 report on swift parrot wind farm interactions, Smales assigned 25% of a swift parrot's flight to within 30–120 m, based on known flight behaviour of other similar parrots. This flight height is within the RSA and is likely during migration as the species transits between sites.

B) The species has not been recorded in the Project site despite targeted surveys in multiple years. However the species is known to occur in the region, the Project site supports potential foraging habitat which extends into the wider region. Criterion B is Low because while this species has the potential to be an occasional seasonal visitor in the Project site in a given year, given the surveys undertaken in the Project site and absence of the species being recorded the occurrence of the species is considered rare.

C) Swift parrot is considered to be one migrating population, with a restricted range and a substantial proportion of the population may move through any given area, hence a rating of High for Criterion C is most accurate.

D) The life-history characteristics of the swift parrot overlap with certain aspects of both the descriptions for a Low and High rating for Criterion D (Higgins 1999).

E) The total population of swift parrot is estimated to be below 2,000 individuals (Garnett, Szabo & Dutson 2011) and as low as 500 (Olah *et al*. 2020).

F) Swift parrot is listed as critically endangered under the EPBC Act and endangered under the BC Act.

Table 8.9 Swift parrot risk assessment

	Criterion A	Criterion B	Criterion C	Criterion D	Criterion E	Criterion F
Low		X				
Moderate	X			X		
High			X		X	X
Risk Rating						
Likelihood	Moderate	**Consequence**	High	**Risk Rating**	High	

8.3.6 White-throated needletail

8.3.6.1 Information on white-throated needletail from Australian wind farms

The white-throated needletail is particularly vulnerable to blade strike (Hull *et al.* 2013). Five birds have been found during post-construction mortality monitoring conducted at 15 wind farms in Victoria from 2003 to 2018 (Moloney *et al.* 2019). Post-construction mortality monitoring conducted in 2015 recorded two birds at Gullen Range Wind Farm, one in summer and one in autumn (Brett Lane and Associates 2015). There are 11 records of blade strike of white-throated needletail at both Bluff Point Wind Farm and at Studland Bay Wind Farm in north-west Tasmania (Hull *et al.* 2013). White-throated needletail are known to have collided with wind turbines in south-east NSW, with much of the data collected in this region being not publicly available (BCD unpublished data). There are six records of deceased white-throated needletail at Capital Wind Farm from 2012/13 on the Atlas of Living Australia.

Annual post-construction monitoring recorded a flock of 10 birds at Bodangora Wind Farm within the range of RSA heights in 2021 (Nature Advisory 2021a). This was noted as an incidental observation and that no mortalities were recorded for this species during monitoring.

8.3.6.2 Status and flight behaviour in the Project site

White-throated needletail were not recorded during the field surveys, results from the desktop assessment indicate that the needletail or their habitat are known to occur in the Project site (DoEE 2019), and the Project sits within their known range (BCD 2019a). **Figure 8.1** and detailed **Figure 8.1** set provided in **Appendix 1** presents BioNet records of the species in the wider locality.

8.3.6.3 Likelihood and Consequence of Impacts

The overall risk rating for white-throated needletail is **High**, based on a High likelihood and Moderate consequence of collisions (**Table 8.10**). The rationale for responses to each criterion is as follows:

A) A high proportion of the white-throated needletail's flight activity is at RSA height.

B) Based on the lack of observations of this species in the Project site but known occurrence or foraging habitat presence reported in the database search, Criterion B is Moderate because this species is likely to be an occasional seasonal visitor in the Project site each year. The overall likelihood of collision is deemed High due to the High score assigned for Criterion A.

C) Although the white-throated needletail has a very large range it is noted that because a large proportion of this species' population may occur at specific preferred foraging areas or use particular migratory paths there is a high degree of variability in the likelihood of collisions between locations across its distribution in eastern Australia.

D) The life-history characteristics of the white-throated needletail overlap with certain aspects of both the descriptions for a Low and High score for Criterion D (Higgins 1999).

E) The total population of white-throated needletail has not been estimated (Birdlife International 2020). The population size of the nominate subspecies that migrates to Australia is likely to comprise approximately 10,000 individuals (DoE 2015).

F) The white-throated needletail is listed as vulnerable and migratory under the EPBC Act.

Table 8.10 White-throated needletail risk assessment

	Criterion A	Criterion B	Criterion C	Criterion D	Criterion E	Criterion F
Low						
Moderate		X	X	X	X	X
High	X					
Risk Rating						
Likelihood	High	**Consequence**	Moderate	**Risk Rating**	High	

8.3.7 Black-chinned honeyeater

8.3.7.1 Information on black-chinned honeyeater from Australian wind farms

There are no published records of blade strike of black-chinned honeyeaters in the available literature in Victoria (Moloney et al. 2019) or New South Wales (BCD unpublished data, NGH 2022, Nature Advisory 2020, Nature Advisory 2021a, Nature Advisory 2021b, CWP 2021, CWP 2022 and Eco Logical 2022).

8.3.7.2 Status and flight behaviour in the Project site

Black-chinned honeyeater were recorded once in the Project site during the 2012 field surveys (NGH Environmental 2013), at which time one individual was observed and no behaviour, flight or height data was recorded. No black-chinned honeyeater was recorded during the 2020 or 2023 bird utilisation surveys or 2021 general surveys conducted by Umwelt. **Figure 8.1** and detailed **Figure 8.1** provided in **Appendix 1** presents project and BioNet records of the species in the Project site and wider locality.

8.3.7.3 Likelihood and Consequence of Impacts

The overall risk rating for black-chinned honeyeater is **Moderate**, based on a Moderate likelihood and Moderate consequence of collisions (**Table 8.11**). The rationale for responses to each criterion is as follows:

A) Based on knowledge of this species' flight behaviour from elsewhere, black-chinned honeyeaters are likely to regularly fly below and occasionally fly at RSA height in the Project site.

B) Black-chinned honeyeater have been recorded in the Project site, but not recently despite surveys. They are considered to be resident to a locale, with no nomadism (Higgins, Peter and Steele 2001).

C) Black-chinned honeyeater are widely distributed within areas of suitable habitat across its range and the habitat itself is relatively widely dispersed, despite the habitat being niched and fragmented (SWIFFT 2021).

D) There is insufficient literature on the life history of black-chinned honeyeater, so Criterion D is conservatively assigned a Moderate rank (Higgins, Peter and Steele 2001).

E) The total population of the black-chinned honeyeater is unknown (Birdlife International (a) 2021) though it is likely to exceed 10,000 individuals.

F) Black-chinned honeyeater are not listed as threatened under the EPBC Act, however are listed as Vulnerable under the BC Act.

Table 8.11 Black-chinned honeyeater risk assessment

	Criterion A	Criterion B	Criterion C	Criterion D	Criterion E	Criterion F
Low			X			
Moderate	X	X		X		X
High					X	
Risk Rating						
Likelihood	Moderate	**Consequence**	Moderate	**Risk Rating**	Moderate	

8.3.8 Corben's long-eared bat

8.3.8.1 Information on Corben's long-eared bat from Australian wind farms

There are no published records of blade strike of Corben's long-eared bats in the available literature in Victoria (Moloney et al. 2019) or New South Wales (BCD unpublished data, NGH 2022, Nature Advisory 2020, Nature Advisory 2021a, Nature Advisory 2021b, CWP 2021, CWP 2022 and Eco Logical 2022). The majority of wind farms monitored to date in Victoria are located outside of this species' distribution.

There are published records of blade strike of the closely related lesser long-eared bat (six strikes) and Gould's long-eared bat (one strike) in the available literature in Victoria (Moloney et al. 2019). A mortality model for the lesser long-eared bat generated a mortality rate estimate of 0.1 individuals per turbine per year (95% CI 0-0.5) for one particular wind farm (Moloney et al. 2019).

8.3.8.2 Status and flight behaviour in the Project site

Corben's long-eared bat were recorded from multiple locations during the 2012 field surveys conducted by NGH Environmental. Microbat call analysis from the 2020 bat utilisation survey conducted by Umwelt detected calls that could be from Corben's long-eared bat, however, were unable to confirm the species' presence from the data collected (Echo Ecology and Surveying 2021). **Figure 8.1** and detailed **Figure 8.1** provided in **Appendix 1** presents records of the species in the Project site and wider locality.

8.3.8.3 Likelihood and Consequence of Impacts

The overall risk rating for Corben's long-eared bat is **Moderate**, based on a Moderate likelihood and Moderate consequence of collisions (**Table 8.12**). The rationale for responses to each criterion is as follows:

A) Based on available data, Corben's long-eared bat may occasionally fly at RSA height.

B) Corben's long-eared were positively identified during 2012 surveys of the Project site, but not again in 2015 and not confirmed in 2020.

C) Corben's long-eared bat have a wide but sparse distribution and are highly concentrated where located (Law *et al.* 2016).

D) The life-history characteristics of the Corben's long-eared bat overlap with certain aspects of both the descriptions for a Low and High rating for Criterion D (Churchill 2009).

E) The population of Corben's long-eared bats is not fully quantified but is likely to be between 5,000 and 20,000 individuals and therefore a Moderate score has been assigned for Criterion E (Pennay *et al.* 2011).

F) Corben's long-eared bat are listed as vulnerable under both the EPBC Act and BC Act.

Table 8.12 Corben's long-eared bat risk assessment

	Criterion A	Criterion B	Criterion C	Criterion D	Criterion E	Criterion F
Low						
Moderate	X	X	X	X	X	X
High						
Risk Rating						
Likelihood	Moderate	**Consequence**	Moderate	**Risk Rating**	Moderate	

8.3.9 Dusky woodswallow

8.3.9.1 Information on dusky woodswallow from Australian wind farms

Moloney *et al.* (2019) reported one record of blade strike of dusky woodswallow at Victorian wind farms from post-construction mortality monitoring from 2003 to 2018. Smales (2014) also reported one record of blade strike from a total of eight wind farms in south-eastern Australia (i.e., Victoria and South Australia). It is likely that these reports are referring to the same record.

There are no published records of blade strike of dusky woodswallow in the available literature in New South Wales (BCD unpublished data, NGH 2022, Nature Advisory 2020, Nature Advisory 2021a, Nature Advisory 2021b, CWP 2021, CWP 2022 and Eco Logical 2022). A total of seven individuals were recorded at a Crudine Ridge Wind Farm, where a flock of five were observed flying within the range of the RSA (maximum height of 35 metres) (Eco Logical 2022). A flock of four individuals were also recorded at Boco Rock Wind Farm, flying below RSA (approx. four metres). Neither monitoring reports from Crudine Ridge Wind Farm or Boco Rock Wind Farm identified mortalities of the species following these flocks being recorded.

8.3.9.2 Status and flight behaviour in the Project site

Dusky woodswallow were recorded during the 2020 surveys conducted by Umwelt, with two observations comprising flocks of five and six birds. **Figure 8.1** and detailed **Figure 8.1** set provided in **Appendix 1** presents records of the species in the Project site and wider locality.

8.3.9.3 Likelihood and Consequence of Impacts

The overall risk rating for dusky woodswallow is **Moderate**, based on a High likelihood and Low consequence of collisions (**Table 8.13**). The rationale for responses to each criterion is as follows:

A) A high proportion of dusky woodswallow's flight activity is at RSA height.

B) Dusky woodswallow were observed during the 2020 surveys only.

C) Dusky woodswallow are widely distributed within areas of suitable habitat across its range and the habitat itself is relatively widely dispersed.

D) Dusky woodswallow are not long-lived, has relatively high fecundity and a high capacity to replace individuals lost (Higgins et al. 2006).

E) The total population of dusky woodswallow is unknown (Birdlife International 2020d) though it is likely to exceed 20,000 individuals.

F) Dusky woodswallow are not listed under the EPBC Act, but is listed as vulnerable under the BC Act.

Table 8.13 Dusky woodswallow risk assessment

	Criterion A	Criterion B	Criterion C	Criterion D	Criterion E	Criterion F
Low			X	X	X	
Moderate		X				X
High	X					
Risk Rating						
Likelihood	High	**Consequence**	Low	**Risk Rating**	Moderate	

8.3.10 Painted honeyeater

8.3.10.1 Information on painted honeyeater from Australian wind farms

There are no published records of blade strike of painted honeyeaters in the available literature in Victoria (Moloney *et al.* 2019) or New South Wales (BCD unpublished data, NGH 2022, Nature Advisory 2020, Nature Advisory 2021a, Nature Advisory 2021b, CWP 2021, CWP 2022 and Eco Logical 2022). The majority of wind farms monitored in Victoria are on the south-western edge or outside of this species' distribution.

8.3.10.2 Status and flight behaviour in the Project site

Painted honeyeater was recorded once in the Project site during field survey conducted during October 2012 (NGH Environmental 2013) (refer to **Figure 8.1** and **Figure 8.1** in **Appendix 1**), at which time one individual was observed foraging in mistletoe and no height or flight data was recorded. **Figure 8.1** and detailed **Figure 8.1** provided in **Appendix 1** presents project and BioNet records of the species in the Project site and wider locality.

8.3.10.3 Likelihood and Consequence of Impacts

The overall risk rating for painted honeyeater is **Moderate**, based on a Moderate likelihood and Moderate consequence of collisions (**Table 8.14**). The rationale for responses to each criterion is as follows:

A) Based on knowledge of this species' flight behaviour from elsewhere, painted honeyeaters are likely to regularly fly below and occasionally fly at RSA height in the Project site.

B) Painted honeyeater is an uncommon/rare visitor, most likely to occur during spring and summer when mistletoe is flowering in the Project site. Applicable to the Project, suitable habitat for painted honeyeater is largely restricted to the transmission line south of the wind turbine layout, specifically in Durridgere State Conservation Area and Goulburn River National Park.

C) Painted honeyeater are widely distributed within areas of suitable habitat across its range and the habitat itself is relatively widely dispersed.

D) Painted honeyeater are not long-lived, have relatively high fecundity and a high capacity to replace individuals lost (Higgins et al. 2001).

E) Garnett et al. (2011) estimated a declining population of between 2,500 and 10,000 mature individuals, roughly equivalent to 3,750–15,000 individuals in total. Taking a precautionary approach, the lower estimate has been accepted and Criterion E is assigned 'High'.

F) Painted honeyeater are listed as vulnerable under the EPBC Act and the BC Act.

Table 8.14 Painted honeyeater risk assessment

	Criterion A	Criterion B	Criterion C	Criterion D	Criterion E	Criterion F
Low		X	X	X		
Moderate	X					X
High					X	
Risk Rating						
Likelihood	Moderate	**Consequence**	Moderate	**Risk Rating**	Moderate	

8.3.11 Superb parrot

8.3.11.1 Information on superb parrot from Australian wind farms

There are no records of blade strike of superb parrot in the available literature from Victoria (Moloney *et al.* 2019) which is unsurprising given the lack of wind farms in the superb parrot's range in north-eastern Victoria. Furthermore, there are no records of blade strike of superb parrot in the available data collected in south-eastern New South Wales to date (BCD unpublished data, NGH 2022, Nature Advisory 2020, Nature Advisory 2021a, Nature Advisory 2021b, CWP 2021, CWP 2022 and Eco Logical 2022). In central-eastern NSW, there are two operational wind farms which may present a risk to superb parrot, namely Bodangora and Blayney. These wind farms are located at the current eastern edge of the superb parrot's range in the Southern Tablelands region. No superb parrot mortalities have been recorded at Bodangora wind farm following two years of monitoring surveys, however bird utilisation surveys recorded a total of 21 superb parrot observations, consisting of between 2 – 10 individuals (Nature Advisory 2021a). Further, no superb parrot mortality has been recorded at Bango Wind Farm following two years of monitoring surveys at Bango Wind Farm, despite the project being located in core superb parrot range (CWP Renewables 2021 and 2022).

Research to be conducted on the movement of superb parrots in New South Wales including at the under construction Bango Wind Farm is likely to improve understanding of the susceptibility of this species to blade strike and indirect impacts resulting from the operation of turbines (Rayner 2019).

8.3.11.2 Status and flight behaviour in the Project Area

The Project is located outside the routine habitat of superb parrot, however, there have been sightings of superb parrot west of the Project in the nearby town of Coolah in 2015, and north in Tamworth in 2019 (SEED 2021). Superb parrot were not observed during the field surveys, and superb parrot foraging (black box) and nesting (river red gum) habitat was not identified on site (NGH 2013), however the species may transit through the Project site whilst migrating. It is noted however that superb parrot was recorded by Umwelt ecologists in the township of Coolah, while in the region for survey on the Project. **Figure 8.1** presents records of the species in the wider locality.

8.3.11.3 Likelihood and Consequence of Impacts

The overall risk rating for superb parrot is **Moderate**, based on a Moderate likelihood and Moderate consequence of collisions (**Table 8.15**). Rationale for responses to each criterion is as follows:

A) Superb parrots regularly fly below RSA height and occasionally flies at RSA height.

B) Superb parrot has not been recorded in the RTS Development Corridor, but have the potential to occur given records in the township of Coolah.

C) Superb parrot's distribution is relatively restricted, and the extent of its habitat has been reduced substantially since European settlement.

D) The life-history characteristics of superb parrot overlap with certain aspects of both the descriptions for a Low and High rating for Criterion D (Higgins 1999).

E) There are several estimates of total superb parrot population size. Higgins (1999) estimated that there were less than 5,000 breeding pairs, Garnett and Crowley (2000) estimated a total of 5000 adult birds, Baker-Gabb (2011) estimated a total of 5,000 to 8,000 individuals and Garnett et al. 2011 estimated there to be well over 10,000 individuals. Based on these population estimates Criterion E was assigned 'Moderate'.

F) Superb parrot is listed as vulnerable under the EPBC Act and the BC Act.

Table 8.15 Superb parrot risk assessment

	Criterion A	Criterion B	Criterion C	Criterion D	Criterion E	Criterion F
Low		X				
Moderate	X		X	X	X	X
High						
Risk Rating						
Likelihood	Moderate	**Consequence**	Moderate	**Risk Rating**	Moderate	

8.3.12 Wedge-tailed eagle

8.3.12.1 Information on wedge-tailed eagle from Australian wind farms

The wedge-tailed eagle is commonly reported during mortality monitoring events at wind farms in Australia. Moloney *et al.* (2019) report wedge-tailed eagle as the second most frequently recorded bird species found dead during monitoring from 2003 to 2018 across 15 wind farms in Victoria, with 58 carcasses detected and equating to 10% of all birds found. Using this data, Moloney *et al.* (2019) calculated mortality estimates of 0.06 (95% CI: 0.02–0.41) and 0.1 (95% CI: 0–0.2) individuals per turbine per year at two Victorian wind farms.

At two wind farms in north-western Tasmania, a total of 18 wedge-tailed eagle carcasses were recorded during monitoring conducted for three and six years at Bluff Point Wind Farm and Studland Bay Wind Farm respectively (Hull *et al.* 2013). This particular monitoring program modelled a mortality estimate of 1.5 and 1.1 collisions per annum at Bluff Point (37 turbines) and Studland Bay (25 turbines). A 95% turbine avoidance rate closely approximated the observed mean annual mortality rate of 1.6 and 1.1 individuals per annum at each wind farm respectively (Smales *et al.* 2013).

Wedge-tailed eagles are known to have collided with wind turbines in south-east NSW however the total number of fatalities detected in this region is not publicly available (BCD unpublished data). A review of publicly available post-construction monitoring reports identified the following fatalities in association with turbine strikes at nearby and regional wind farms in NSW, including:

A) A total of 13 carcasses were recorded at Bodangora Windfarm between 2019–2021 (Nature Advisory 2021a).

B) Five carcasses were recorded at Crudine Ridge Wind Farm in 2021 (Eco Logical 2022).

C) Recent monitoring has recorded two carcasses at Cullerine Range Wind Farm, a single in 2018 and another in 2020 (EDL 2020 and 2022). However, an additional two carcasses have been recorded in earlier monitoring events, being 2014/15 and 2016/2017 (EDL 2020).

D) 12 wedge-tailed eagle carcasses have been recorded under turbines at Gullen Range Wind Farm during monthly monitoring of 30-32 turbines (out of a total of 73 turbines) conducted in 2015, 2016 and 2017 (BLA, 2015 and 2017).A total of nine carcasses were recorded during 2015 monitoring, an additional two carcasses recorded during 2016 monitoring and a single carcass in 2017 monitoring.

E) A total of six carcasses were recorded at Sapphire Wind Farm between 2018 and 2020 (Nature Advisory 2021), comprising one carcass in 2018, two in 2019 and three in 2020.

F) A total of nine carcasses were recorded at Silverton Wind Farm as part of the 2020–2021 monitoring, comprising seven in 2020 and two in 2021 (Elmoby Ecology 2021).

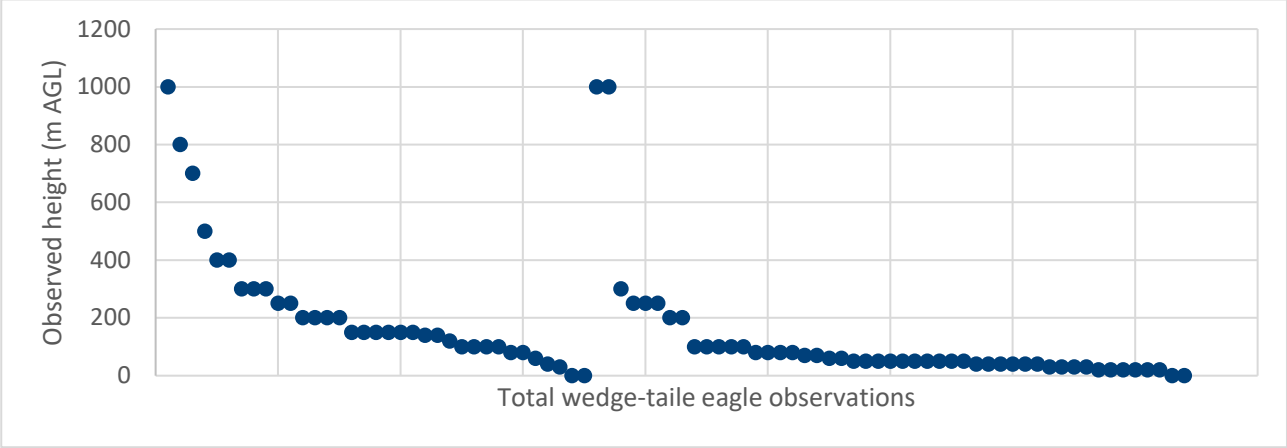
8.3.12.2 Status and flight behaviour in the Project Area

Wedge-tailed eagle were commonly observed throughout the Project site during both the 2012 surveys (27 observations) conducted by NGH and 2020 bird utilisation surveys (35 observations) conducted by Umwelt.

During the 2020 and 2023 surveys conducted by Umwelt, detailed flight and behaviour information was recorded. A summary of wedge-tailed eagle observations made during these surveys is summarised below and presented in **Graph 8.1.**

- In 2020:
    - 57% (20/35) of observations were of individuals, 37% (13/35) were of pairs, 3% (1/35) were of three birds and less than 2% (1/35) were of four birds.
    - Wedge-tailed eagles were recorded in flight on 33 occasions:
        - 68% (24/35) of observed flights involved circling or soaring behaviour, while the remaining comprised directional flight.
        - 62% (22/33) of observed flights were within range of RSA height (observed at risk height range 40 m–200 m).
- In 2023:
    - 69% (34/49) of observations were of individuals, 22% (11/49) were of pairs, and 8% (4/49) were of three birds.

- Wedge-tailed eagles were recorded in flight on 47 occasions:
  - 65% (32/49) of observed flights involved circling or soaring behaviour, while 28% (14/49) the remaining comprised directional flight, and 2% (1/49) were stooping (diving).
  - 63% (31/49) of observed flights were within range of RSA height (observed at risk height range 40 m–200 m).



Graph 8.1 Observed heights of wedge-tailed eagle flights during the 2020 (left) and 2023 (right) Umwelt bird utilisation surveys

8.3.12.3 Likelihood and Consequence of Impacts

The overall risk rating for wedge-tailed eagle is **Moderate**, based on a High likelihood and Low consequence of collisions (**Table 8.16**). The rationale for responses to each criterion is as follows:

A) A high proportion of wedge-tailed eagle flight activity is at RSA height (more than 60% of flight observations within range of RSA).

B) Wedge-tailed eagle are a common resident in the Project site.

C) Wedge-tailed eagle are widely distributed within areas of suitable habitat across its range and the habitat itself is relatively widely dispersed.

D) The life-history characteristics of the wedge-tailed eagle overlap with certain aspects of both the descriptions for a Low and High rating for Criterion D, however overall, they average out between the two and hence Criterion D is assigned Moderate (Marchant and Higgins 1993).

E) The total population of wedge-tailed eagle is described as very large by Birdlife International (2020) and given this species very large distribution (c. 10.6 million km^2) the total population is likely to exceed 20,000 individuals.

F) The subspecies of wedge-tailed eagle that occurs in the Project Area is not listed as threatened under the EPBC Act or the BC Act.

The wedge-tailed eagle's risk rating of Moderate reflects the low level of impact that a potentially high frequency of blade strike in the Project Area is likely to have on this species' total population.

Table 8.16 Wedge-tailed eagle risk assessment

	Criterion A	Criterion B	Criterion C	Criterion D	Criterion E	Criterion F
Low			X		X	X
Moderate				X		
High	X	X				
Risk Rating						
Likelihood	High	**Consequence**	Low	**Risk Rating**	Moderate	

8.3.13 Little eagle

8.3.13.1 Information on little eagle from Australian wind farms

Moloney *et al.* (2019) reported one record of blade strike of little eagle from post-construction mortality monitoring of 15 wind farms in Victoria from 2003 to 2018. Smales (2014) reported two records of blade strike of little eagle from eight wind farms in south-eastern Australia (i.e., Victoria and South Australia). It is likely that these reports are referring to the same record of blade strike in Victoria.

One carcass was recorded under turbines at Sapphire wind farm during post-construction monitoring conducted in 2015 (Nature Advisory 2021b). Although the record identifies the individual at the base of the turbine, it was not directly related to turbine strike as described in the first annual report (Nature Advisory 2021b).

NGH (2022) identified one individual alive and flying at Boco Rock wind farm during post-construction monitoring between 2015 and 2020.

8.3.13.2 Status and flight behaviour in the Project site

Little eagle was not recorded during surveys for the Project, despite extensive surveys since 2012. There are approximately 12 known records of the species within 10 km of the RTS Development Corridor (DPIE 2021). This includes in Coolah Tops National Park, in the township of Coolah and in proximity to the external transmission line south of the Golden Highway. **Figure 8.1** and detailed **Figure 8.1** set provided in **Appendix 1** presents BioNet records of the species in the wider locality.

Based on the broad habitat requirements, high mobility and wide-ranging distribution of this species, there is potential, albeit low, for this species to occur at any location within the Project site. As with other raptors, the little eagle is likely to spend a high proportion of time at RSA height whilst flying within the Project site.

8.3.13.3 Likelihood and Consequence of Impacts

The overall risk rating for little eagle is **Moderate,** based on a Moderate likelihood and Moderate consequence of collisions (**Table 8.17**). The rationale for responses to each criterion is as follows:

A) A high proportion of little eagle flight activity is likely to occur at RSA height.

B) Little eagle has not been recorded in the Project site despite extensive surveys since 2012, but the species does have the potential to occur.

C) The little eagle is widely distributed within areas of suitable habitat across its range and the habitat itself is relatively widely dispersed.

D) The life-history characteristics of the little eagle overlap with certain aspects of both the descriptions for a 'low' and 'high' rating for Criterion D (Marchant and Higgins 1993).

E) In 2009, the population of little eagle was estimated to number 10,000 to 100,000 individuals, based upon an estimate made by Ferguson and Christie (2001), although the data quality is listed as poor (Birdlife International 2020). Given the uncertainty of this estimate and the decline of little eagle in NSW (Barrett et al. 2007) and the ACT (Olsen and Fuentes 2005) Criterion E was assigned 'moderate' (based on the lower population estimate).

F) The little eagle is listed as vulnerable in NSW under the BC Act.

Table 8.17 Little eagle risk assessment

	Criterion A	Criterion B	Criterion C	Criterion D	Criterion E	Criterion F
Low		X	X			
Moderate				X	X	X
High	X					
Risk Rating						
Likelihood	Moderate	**Consequence**	Moderate	**Risk Rating**	Moderate	

8.3.14 Brown falcon

8.3.14.1 Information on brown falcon from Australian wind farms

The brown falcon is commonly reported during mortality monitoring events at wind farms in Australia. Moloney *et al.* (2019) report brown falcon as the fourth most frequently recorded bird species found dead during monitoring from 2003 to 2018 across 15 wind farms in Victoria, with 48 carcasses detected and equating to 8% of all birds found. Using this data, Moloney *et al.* (2019) calculated mortality estimates of 0.4 (95% CI: 0.1 – 0.7) and 0.6 (95% CI: 0.2 – 1.0) individuals per turbine per year at two Victorian wind farms.

Brown falcon are also known to have collided with wind turbines in south-east NSW however the total number of fatalities detected in this region is not publicly available (BCD unpublished data). A review of publicly available post-construction monitoring reports identified the following fatalities in association with turbine strikes at nearby and regional wind farms, including:

- A total of 9 carcasses were recorded at Bodangora Windfarm between 2019–2021 (Nature Advisory 2020; Nature Advisory 2021a), comprising two in 2019, one in 2020 and six in 2021.
- Two carcasses were recorded at Crudine Ridge Wind Farm in 2021 (Eco Logical 2022).
- Three carcasses have been recorded at Gullen Range Wind Farm, all recorded in 2015 (EDL 2019).
- One carcass was recorded at Boco Rock wind farm between 2015 and 2021 (NGH 2022).

8.3.14.2 Status and flight behaviour in the Project site

Brown falcon were commonly observed throughout the Project site during both the 2012 surveys (9 observations) conducted by NGH Environmental and 2020 bird utilisation surveys (1 observation) conducted by Umwelt. Of the 10 total records, seven were in flight, one was perched, and flight behaviour was not recorded on two records.

During the 2020 surveys conducted by Umwelt, detailed flight and behaviour information was recorded. Such information was not recorded during the NGH Environmental surveys (2013a, 2013b and 2017), instead only a flight range was recorded for just two of the nine records. All three records for which flight information is known are within RSA, with one at 100 metres and two with a 41-140 metre range.

With detailed flight information recorded by Umwelt at just a single record of the species, its flight behaviour has not been graphically presented.

A summary of brown falcon observations made during these surveys is presented below:

- 90% (9/10) of observations were of individuals, 10% (1/10) were of pairs.
- Brown falcon were recorded in flight on 7 occasions:
    - 43% (3/7) of observed flights involved circling or soaring behaviour.
    - 57% (4/7) comprised directional flight.

No brown falcon individuals were observed during the 2023 Umwelt BBUS surveys.

8.3.14.3 Likelihood and Consequence of Impacts

The overall risk rating for brown falcon is **Minor**, based on a High likelihood and Low consequence of collisions (**Table 8.18**). The rationale for responses to each criterion is as follows:

A) A high proportion of brown falcon flight activity was recorded at RSA height. However, the species is known to more commonly fly or hover at heights between 10 – 50 metres, therefore just within RSA (Marchant and Higgins 1993). It is acknowledged however that literature also notes the species will soar to at least 200 metres (Marchant and Higgins 1993). Records of brown falcom mortalities at four NSW wind projects also confirms the species flys within RSA.

B) Brown falcon are a common resident in the Project site.

C) Brown falcon are widely distributed within areas of suitable habitat across its range and the habitat itself is relatively widely dispersed.

D) The life-history characteristics of the brown falcon have certain aspects of the descriptions for a Low score for Criterion D. They breed across their entire range; juveniles are known to disperse and local movements by adult birds between breeding territories is also known to occur (Marchant and Higgins 1993).

E) Total population for the brown falcon is believed to be more than 225,000 pairs, despite local declines in some agricultural areas. Based on this population estimate, the species has been assigned a score of Low for Criterion E.

F) The brown falcon is not listed as threatened under the EPBC Act or the BC Act.

Table 8.18 Brown falcon risk assessment

	Criterion A	Criterion B	Criterion C	Criterion D	Criterion E	Criterion F
Low			X	X	X	X
Moderate		X				
High	X					
Risk Rating						
Likelihood	Moderate	**Consequence**	Low	**Risk Rating**	Minor	

8.3.15 Eastern cave bat

8.3.15.1 Information on eastern cave bat from Australian wind farms

There are no records of blade strike of eastern cave bat in the available literature from post-construction monitoring conducted and made publicly available (BCD unpublished data, Moloney *et al.* 2019).

The TBDC profile for the species states that "very little is known about the biology of this uncommon species" and "little is understood of its feeding or breeding requirements or behaviour" (DPIE 2021). With this level of lack of information lacking on the species, the likelihood of its flying behaviour and interaction with wind turbines is substantially restricted.

There are no records of blade strike of eastern cave bat in the available data collected in New South Wales to date (BCD unpublished data, NGH 2022, Nature Advisory 2020, Nature Advisory 2021a, Nature Advisory 2021b, CWP 2021, CWP 2022 and Eco Logical 2022).

8.3.15.2 Status and flight behaviour in the Project site

There are 14 known records of the species within 10 km of the external transmission line south of the Golden Highway (DPIE 2021). No records of the species are known in proximity to the Wind Farm component of the RTS Development Corridor.

NGH Environmental survey effort recorded this species at seven locations, spanning the north of the Project site to Durridgere State Conservation Area. It was recorded at one location. **Figure 8.1** and detailed **Figure 8.1** provided in **Appendix 1** presents BioNet records of the species in the Project site and wider locality.

8.3.15.3 Likelihood and Consequence of Impacts

The overall risk rating for eastern cave bat is **Moderate**, based on a Moderate likelihood and Moderate consequence of collisions (**Table 8.19**). The rationale for responses to each criterion is as follows:

A) Despite there being a substantial lack of information on the flying behaviour of this species, it is possible that the eastern cave bat will involve flying activity at RSA height. However, due to the lack of information it has been assigned a Moderate rating.

B) Eastern cave bat was recorded at multiple locations across the Project site.

C) Eastern cave bat is found in a broad band on both sides of the Great Dividing Range from Cape York (QLD) to Kempsey (NSW), with records from the New England Tablelands and the upper north coast of NSW. The western limit appears to be the Warrumbungle Range, approximately 80 km to the northwest, and there is a single record from southern NSW, east of the ACT (DPIE 2021).

D) There is very little known about these traits of the eastern cave bat, therefore a conservation score of Moderate has been assigned.

E) There is no available literature or information on the population of this species.

F) The subspecies of eastern cave bat is listed as Vulnerable under the BC Act but is not listed as threatened under the BC Act.

Table 8.19 Eastern cave bat risk assessment

	Criterion A	Criterion B	Criterion C	Criterion D	Criterion E	Criterion F
Low						
Moderate	X	X	X	X	X	X
High						
Risk Rating						
Likelihood	Moderate	**Consequence**	Moderate	**Risk Rating**	Moderate	

8.3.16 Square-tailed kite

8.3.16.1 Information on square-tailed kite from Australian wind farms

The are no reports of square-tailed kite being recorded during mortality monitoring events at wind farms in Australia. Lumsden *et al.* (2019) identifies the square-tailed kite as a 'species of interest'. Further, Lumsden *et al.* (2019) assesses a Likelihood and Consequences for turbine strike on the species between Moderate and High, with the Moderate Likelihood and High Consequence being the lowest probability (8.7%), while High Likelihood and Moderate Consequence had the highest probability (48.8%).

The species was not recorded during monitoring from 2003 to 2018 across 15 wind farms in Victoria (Moloney *et al.* 2019). There are no records of blade strike of square-tailed kites in the available data collected in New South Wales to date (BCD unpublished data, NGH 2022, Nature Advisory 2020, Nature Advisory 2021a, Nature Advisory 2021b, CWP 2021, CWP 2022 and Eco Logical 2022).

Square-tailed kite has been recorded at Crudine wind Farm (Ecological 2021) and Bodangora wind farm (Nature Advisory 2021a), where in both cases the species was recorded flying at RSA height.

8.3.16.2 Status and flight behaviour in the Project site

There are no known records of square-tailed kite within 10 km of the RTS Development Corridor for the wind farm (DPIE 2021). However, a breeding nest was recorded by NGH Environmental in proximity to the external transmission line easement and an associated access track. Umwelt did not record the species. **Figure 8.1** presents records of the species in the Project site and wider locality.

The species has not been recorded during any of the bird utilisation surveys, therefore no flight behaviour was observed, nor can it be analysed.

8.3.16.3 Likelihood and Consequence of Impacts

The overall risk rating for square-tailed kite is **Minor**, based on a Low likelihood and Moderate consequence of collisions (**Table 8.20**). The rationale for responses to each criterion is as follows:

A) No flight activity has been recorded for square-tailed kite in the Project site, however the species has been recorded flying at RSA height at two regional wind farms in NSW.

B) Square-tailed kite was only recorded in one location, along the transmission line. Despite extensive bird utilisation surveys since 2012, it was not recorded in the wind farm component of the Project site. It is not considered to be a resident in the Project site.

C) Square-tailed kite are widely distributed within areas of suitable habitat across its range and the habitat itself is relatively widely dispersed.

D) The life-history characteristics of the square-tailed kite is considered to align with aspects of the Low score for Criterion C. The species is highly mobile and dispersive, and it not considered likely to be susceptible to population fragmentation (TTSC 2009). However, the species is known to have breeding pairs with great site-fidelity for more than 10 years (Marchant and Higgins 1993). The species is typically solitary outside of breeding season, with pairs hardly ever seen (Marchant and Higgins 1993).

E) There have been increased records or locations being recorded for the square-tailed kites in annual reports (TSSC 2009). However, it is recognised that the species is generally considered to be data deficient (TSSC 2009). It's extent of occurrence is generally believed to occur across the extent of NSW, with the exception of driest, highest and treeless parts of the state (TSSC 2009), approximately 700,000 km^2. Even if only 10% of the extent of occurrence is occupied, its area of occupancy would still span approximately 70,000 km^2. The square-tailed kite population in Australia is estimated to be roughly 10% of the global estimate, or between 100 and 1,000 mature birds.

F) The subspecies of square-tailed kite is listed as Vulnerable under the BC Act but is not listed as threatened under the EPBC Act.

Table 8.20 Square-tailed kite risk assessment

	Criterion A	Criterion B	Criterion C	Criterion D	Criterion E	Criterion F
Low		X	X			
Moderate	X			X		X
High					X	
Risk Rating						
Likelihood	Low	**Consequence**	Moderate	**Risk Rating**	Minor	

8.3.17 Yellow-bellied sheathtail-bat

8.3.17.1 Information on yellow-bellied sheathtail bat from Australian wind farms

There are limited published records of blade strike of yellow-bellied sheathtail bats in the available literature from post-construction monitoring conducted in its range in south-eastern Australia (BCD unpublished data, Moloney *et al.* 2019, NGH 2022, Nature Advisory 2021b, CWP 2021, CWP 2022 and Eco Logical 2022).

A total of 2 mortalities were recorded in association with turbine blade strike at Bodangora Windfarm between 2020 – 2021, initiating two separate trigger investigations (Nature Advisory 2021a). In both instances, investigations concluded that the collision was deemed to be an irregular occurrence and is unlikely to be significant at a population scale (Nature Advisory 2021a).

8.3.17.2 Status and flight behaviour in the Project site

The species was recorded twice as part of surveys for the Project. Neither record occur within the RTS Development Corridor, but occur in proximity to the external transmission line component of the Project, specifically within the Durridgere State Conservation Area and on private land on the west side of Ulan Road (**Figure 8.1** and detailed **Figure 8.1** set provided in **Appendix 1**).

8.3.17.3 Likelihood and Consequence of Impacts

The overall risk rating for yellow-bellied sheathtail bat is **Moderate**, based on a Moderate likelihood and Moderate consequence of collisions (**Table 8.21**). The rationale for responses to each criterion is as follows:

A) The yellow-bellied sheathtail-bat is likely to regularly fly below RSA height and occasionally fly at RSA height. Investigations conducted at Bodangora wind farm concluded that collision at RSA was likely to be an irregular occurrence (Nature Advisory 2021a).

B) The yellow-bellied sheathtail-bat is likely to occasionally occur in or move through the Project site, based on the survey data, the species is most likely to occur in the transmission line component of the Project site rather than the wind farm component.

C) The yellow-bellied sheathtail-bat is widely distributed within areas of suitable habitat across its range and the habitat itself is relatively widely dispersed.

D) The life-history characteristics of the yellow-bellied sheathtail-bat overlap with certain aspects of both the descriptions for a ‘low’ and ‘high’ rating for Criterion D.

E) Very little is known about the ecology of the yellow-bellied sheathtail-bat though given its very large distribution (Churchill 2008) its population is likely to exceed 5,000 individuals and may possibly be over 20,000. Given the migratory nature of individuals that occur in south-eastern Australia coupled with the lack of any population estimates Criterion E is conservatively assigned ‘moderate’.

F) The yellow-bellied sheathtail-bat is listed as vulnerable in NSW under the BC Act.

The yellow-bellied sheathtail-bat’s risk rating of Moderate reflects the moderate level of impact that a potentially Moderate frequency of blade strike in the Project site is likely to have on this species’ total population.

Table 8.21 Yellow-bellied sheathtail-bat risk assessment

	Criterion A	Criterion B	Criterion C	Criterion D	Criterion E	Criterion F
Low			X			
Moderate	X	X		X	X	X
High						
Risk Rating						
Likelihood	Moderate	**Consequence**	Moderate	**Risk Rating**	Moderate	

8.3.18 Large-eared pied bat

8.3.18.1 Information on large-eared pied bat from Australian wind farms

There are no records of blade strike of large-eared pied bat in the available literature from post-construction monitoring conducted and made publicly available (BCD unpublished data, NGH 2022, Nature Advisory 2020, Nature Advisory 2021a, Nature Advisory 2021b, CWP 2021, CWP 2022 and Eco Logical 2022, Moloney *et al.* 2019).

8.3.18.2 Status and flight behaviour in the Project site

There are more than 20 known records of the species within 10 km of the external transmission line component of the RTS Development Corridor (DPIE 2021). NGH Environmental survey effort recorded the large-eared pied bat at five locations as part of the original assessment, primarily within and adjacent to the Durridgere State Conservation Area as well as one location in the wind farm component of the Project (NGH 2013a, 2013b and 2017). Umwelt survey effort did not record this species despite extensive surveys. **Figure 8.1** and detailed **Figure 8.1** set provided in **Appendix 1** presents records of the species in the Project site and wider locality.

8.3.18.3 Likelihood and Consequence of Impacts

The overall risk rating for large-eared pied bat is **Moderate**, based on a Moderate likelihood and Moderate consequence of collisions (**Table 8.22**). The rationale for responses to each criterion is as follows:

A) Despite there being a substantial lack of information on the flying behaviour of this species, it is possible that the large-eared pied bat will involve flying activity at RSA height. However, due to the lack of information it has been assigned a Moderate rating.

B) Despite extensive bat utilisation surveys since 2012, large-eared pied bat was only recorded at one location in the wind farm component of the Project site, it is unlikely the species would be a in the Project site.

C) The distribution of the large-eared pied bat is discontinuous and ranges from Shoalwater Bay in Queensland through to Ulladulla in New South Wales (DERM 2011).

D) There is very little known about these traits of the large-eared pied bat, therefore a conservation score of Moderate has been assigned.

E) The EPBC Act listing advice for large-eared pied bat states that there is no definitive data on total population numbers (TSSC 2010). However, it is presumed to have undergone large declines in numbers due to removal of suitable habitat (TSSC 2010). Therefore, conservatively it has been assigned a score of High.

F) The large-eared pied bat is listed as Vulnerable under the EPBC Act or the BC Act.

Table 8.22 Large-eared pied bat risk assessment

	Criterion A	Criterion B	Criterion C	Criterion D	Criterion E	Criterion F
Low		X				
Moderate	X		X	X		X
High					X	
Risk Rating						
Likelihood	Moderate	**Consequence**	Moderate	**Risk Rating**	Moderate	

8.3.19 Nankeen Kestrel

8.3.19.1 Information on large-eared pied bat from Australian wind farms

The nankeen kestrel is commonly reported during mortality monitoring events at wind farms in Australia. Moloney et al. (2019) report nankeen kestrel as the third most frequently recorded bird species found dead during monitoring from 2003 to 2018 across 15 wind farms in Victoria, with 54 carcasses detected and equating to 9% of all birds found. Using this data, Moloney et al. (2019) calculated mortality estimates of 0.01 (95% CI: 0.0–0.3) and 1.1 (95% CI: 0.5–1.9) individuals per turbine per year at two Victorian wind farms.

A review of publicly available post-construction monitoring reports identified the following fatalities (totaling 85 carcasses across eight wind projects) in association with turbine strikes at nearby and regional wind farms in NSW, including:

- One carcass was recorded at Bango wind farm in 2022 (CWP 2022).
- A total of two carcasses were recorded at Biala Wind Farm in 2021 (Nature Advisory 2022).
- A total of seven carcasses were recorded at Boco Rock wind farm between 2015 and 2021 (NGH 2022).
- A total of 53 carcasses were recorded at Bodangora Windfarm between 2019–2021 (Nature Advisory 2020 and 2021a). An investigation into the high mortalities rates of this species was undertaken following monitoring in autumn 2021. The investigation concluded that a high number of fatalities was directly attributed to increased breeding success following a regional mouse plague in 2020 corresponding to the large numbers of juvenile birds recorded (45 carcasses in 2021) (Nature Advisory 2021a).
- Five carcasses were recorded at Crudine Ridge Wind Farm in 2021 (Eco Logical 2022).
- 12 carcasses were recorded at Gullen Range Wind Farm, 10 recorded in 2015 and two recorded in 2017 (Brett Lane and Associates 2016 and 2017).

- A total of two carcasses were recorded at Sapphire wind farm between 2018 and 2021 (Nature Advisory 2021b).
- A total of three carcasses were record at Silverton Wind Farm, a single carcass in 2019, 2020 and 2021 (Elmoby Ecology 2021).

8.3.19.2 Status and flight behaviour in the Project site

Nankeen kestrel were commonly observed throughout the Project site during both the 2012 surveys (27 observations) conducted by NGH, as well as 2020 and 2023 bird utilisation surveys conducted by Umwelt.

During the 2020 and 2023 surveys conducted by Umwelt, detailed flight and behaviour information was recorded. A summary of nankeen kestrel observations made during these surveys is summarised below and presented in **Graph 8.1**

- In 2020:
    - 73% (16/22) of observations were of individuals, 2% (5/22) were of pairs, and 4% (1/22) were of three birds.
    - Nankeen kestrels were recorded in flight on five occasions (23%), while the remaining observations consist of perching.
- In 2023:
    - 88% (7/8) of observations were of individuals while the remaining 13% (1/8) were of pairs.
    - Nankeen kestrels were recorded in flight on 8 occasions:
        - 50% (4/8) of observed flights involved directional flight, while 25% (2/8) the remaining comprised local movements, and 25% (2/8) were perched.

8.3.19.3 Likelihood and Consequence of Impacts

The overall risk rating for wedge-tailed eagle is **Moderate**, based on a High likelihood and Low consequence of collisions (**Table 8.16**). The rationale for responses to each criterion is as follows:

A) A high proportion of nankeen kestrel flight activity is at RSA height and the species is widely susceptible to turbine strike with 85 carcasses of the species recorded from eight wind projects in NSW.

B) Nankeen kestrel are a common resident in the Project site.

C) Nankeen kestrels are widely distributed within areas of suitable habitat across its range and the habitat itself is relatively widely dispersed.

D) The life-history characteristics of the nankeen kestrel overlap with certain aspects of both the descriptions for a Low and High rating for Criterion D, however overall, they average out between the two and hence Criterion D is assigned Moderate (Marchant and Higgins 1993).

E) The total population of nankeen kestrel is described as very large by Birdlife International (2023c) and given this species very large distribution (c. 16.9 million km2) the total population is likely to exceed 20,000 individuals.

F) The nankeen kestrel is not listed as threatened under the EPBC Act or the BC Act.

G) The nankeen kestrel's risk rating of Moderate reflects the low level of impact that a potentially high frequency of blade strike in the Project Area is likely to have on this species' total population.

Table 8.23 Nankeen kestrel risk assessment

	Criterion A	Criterion B	Criterion C	Criterion D	Criterion E	Criterion F
Low			X		X	X
Moderate				X		
High	X	X				
Risk Rating						
Likelihood	High	**Consequence**	Low	**Risk Rating**	Moderate	

8.3.20 White-striped freetail bat

8.3.20.1 Information on large-eared pied bat from Australian wind farms

The white-striped freetail bat is known to spend a high proportion of flying activity (local movements and foraging) within range of or at RSA height where they will intercept prey 50 metres or more above the ground (Churchill 2008).

The white-striped freetail bat is commonly reported during mortality monitoring events at wind farms in Australia. Moloney et al. (2019) report white-striped freetail bat as the most frequently recorded bird species found dead during monitoring from 2003 to 2018 across 15 wind farms in Victoria, with 296 carcasses detected and equating to 67% of all microbats found. Using this data, Moloney et al. (2019) calculated mortality estimates of at 6.2 (95% CI 3.3–9.9) and 2.7 (95% CI: 1.2 – 4.8) individuals per turbine per year at two Victorian wind farms.

A review of publicly available post-construction monitoring reports identified the following recorded fatalities (totaling 161 carcasses across nine wind projects) in association with turbine strikes at nearby and regional wind farms in NSW, including:

- A total of four carcasses were recorded at Bango wind farm between 2021 and 2022 (CWP 2022), three in 2021 and one in 2022.
- A total of 18 carcasses were recorded at Biala Wind Farm between 2021 and 2022 (Nature Advisory 2022), comprising four in 2021 and 14 in 2022.
- A total of 56 carcasses were recorded between 2015–2021 Boco Rock Wind Farm, six of which were recorded in 2021 (NGH 2022).
- A total of 19 carcasses were recorded at Bodangora Wind Farm between 2019–2021 (Nature Advisory 2020; Nature Advisory 2021a), comprising nine in 2020 and 10 in 2021.
- A total of nine carcasses were recorded at Crudine Ridge Wind Farm (Eco Logical 2022), comprising five in 2021 and four in 2022.

- A total of two carcasses were recorded at Cullerin Range Wind Farm (EDL 2019 and 2020), comprising a single carcass in each 2018 and 2019.
- A total of 39 carcasses were recorded at Gullen Range Wind Farm between 2015 and 2017 (Brett Lane and Associates 2016 and 2017), comprising 19 carcasses in 2015 and 20 carcasses in 2017.
- A total of seven carcasses were recorded at Sapphire wind farm between 2018 and 2021 (Nature Advisory 2021b), comprising five carcasses in 2020 and two in 2021.
- A total of seven carcasses were recorded at Silverton Wind Farm in 2020 (Elmoby Ecology 2021).

8.3.20.2 Status and flight behaviour in the Project Area

This species has been commonly recorded throughout the locality with more than 240 known records of the species within 10 km of the RTS Development Corridor (DPIE 2023). The majority of records are located within and adjacent to Coolah Tops National Park and Durridgere State Conservation, as well as an area north of Ulan Coal. This species has been recorded during surveys of conducted by NGH Environmental and 2020 BBUS conducted by Umwelt.

8.3.20.3 Likelihood and Consequence of Impacts

The overall risk rating for large-eared pied bat is **Moderate**, based on a High likelihood and Low consequence of collisions (**Table 8.22**). The rationale for responses to each criterion is as follows:

A) The white-striped freetail bat spends a high proportion of its flying activity at RSA height (local movements and foraging) and the species is widely susceptible to turbine strike with 161 carcasses of the species recorded from nine wind projects in NSW.

B) The white-striped freetail bat are a common resident in the Project site.

C) The white-striped freetail bat are widely distributed within areas of suitable habitat across its range and the habitat itself is relatively widely dispersed.

D) The life-history characteristics of the white-striped freetail bat overlap with certain aspects of both the descriptions for a Low and High rating for Criterion D, however overall, they average out between the two and hence Criterion D is assigned Moderate (Marchant and Higgins 1993).

E) The total population of white-striped freetail bat is considered as very large given this species very large distribution throughout the majority of mainland Australia such that the total population is likely to exceed 20,000 individuals.

F) The white-striped freetail bat is not listed as threatened under the EPBC Act or the BC Act.

Table 8.24 White-striped freetail bat risk assessment

	Criterion A	Criterion B	Criterion C	Criterion D	Criterion E	Criterion F
Low			X		X	X
Moderate				X		
High	X	X				
Risk Rating						

	Criterion A	Criterion B	Criterion C	Criterion D	Criterion E	Criterion F
Likelihood	High	**Consequence**	Low	**Risk Rating**	Moderate	

8.3.21 Masked owl

8.3.21.1 Information on large-eared pied bat from Australian wind farms

There are no published records of blade strike of barking owls in the available literature in Victoria (Moloney et al. 2019) or south-east New South Wales (BCD unpublished data, NGH 2022, Nature Advisory 2020, Nature Advisory 2021a, Nature Advisory 2021b, CWP 2021, CWP 2022 and Eco Logical 2022).

8.3.21.2 Status and flight behaviour in the Project site

There are four known records of the species within 10 km of the RTS Development Corridor (DPIE 2023), three of which occur in Coolah Tops National Park, and one within forest adjacent to Moolarben Coal (Ulan, NSW).

The species was recorded along the transmission line as part of the original assessment (NGH 2013a, 2013b and 2017). No breeding activity has been recorded as part of the original assessment or recent surveys by Umwelt.

Figure 8.1 and detailed **Figure 8.1** set provided in **Appendix 1** presents records of the species in the Project site and wider locality.

8.3.21.3 Likelihood and Consequence of Impacts

The overall risk rating for large-eared pied bat is **Moderate**, based on a Moderate likelihood and Moderate consequence of collisions (**Table 8.22**). The rationale for responses to each criterion is as follows:

A) Masked owl is known to perch and hunt in large trees, as well as aerially above canopies, which may include flight within the RSA (Marchant, Higgins and Davies 1999).

B) Masked owl has been recorded within Project site; however, this was along the external transmission line and not within the wind project. However the species is known to occur in Coolah Tops National Park, adjoining the Project site; and the species is likely to forage within the Project site due to its proximity (BCD 2021b, ALA 2021a). No breeding activity has been recorded within the project site to date.

C) Masked Owl is widely distributed in NSW, but sparse in population due to habitat fragmentation (Marchant, Higgins and Davies 1999; BCD 2017C.

D) The life-history characteristics of barking owl overlap with certain aspects of both the descriptions for a Low and High rating for Criterion D (Marchant, Higgins and Davies 1999).

E) The total population of masked owl is not quantified, however is thought to be above 10,000 individuals (Birdlife International 2023a).

F) Masked owls are not listed under the EPBC Act but are listed Vulnerable under the BC Act.

Table 8.25 Large-eared pied bat risk assessment

	Criterion A	Criterion B	Criterion C	Criterion D	Criterion E	Criterion F
Low						
Moderate	X	X	X	X	X	X
High						
Risk Rating						
Likelihood	Moderate	**Consequence**	Moderate	**Risk Rating**	Moderate	

8.3.22 Dollar bird

8.3.22.1 Information on large-eared pied bat from Australian wind farms

There are no records of blade strike of dollar bird in the available literature from post-construction monitoring conducted and made publicly available (BCD unpublished data, NGH 2022, Nature Advisory 2020, Nature Advisory 2021a, Nature Advisory 2021b, CWP 2021, CWP 2022 and Eco Logical 2022).

8.3.22.2 Status and flight behaviour in the Project site

There are more than 30 known records of the species within 10 km of the RTS Development Corridor (DPIE 2023).

This species was recorded once during 2023 Umwelt survey where the individual was recorded at a height of five metres (below RSA height) flying throughout the locality. While this individual was not demonstrating at risk behaviour at the time of survey, the risk of turbine blade strike is likely to increase when migrating to New Guinea in March/April or returning to Australia in September.

Figure 8.1 and detailed **Figure 8.1** set provided in **Appendix 1** presents records of the species in the Project site and wider locality.

8.3.22.3 Likelihood and Consequence of Impacts

The overall risk rating for large-eared pied bat is **Moderate**, based on a Moderate likelihood and Moderate consequence of collisions (**Table 8.22**). The rationale for responses to each criterion is as follows:

A) The Dollarbird is known to spend a large proportion of flying activity within range of or at RSA height where they will intercept prey either above treetops or over water, rarely feeding close to the ground (Marchant, Higgins and Davies 1999). This species frequently uses emergent treetops and tall artificial structures to perch during the day (Marchant, Higgins and Davies 1999).

B) Dollarbird was only recorded during 2023 surveys.

C) The dollarbird are widely distributed within areas of suitable habitat across its range and the habitat itself is relatively widely dispersed.

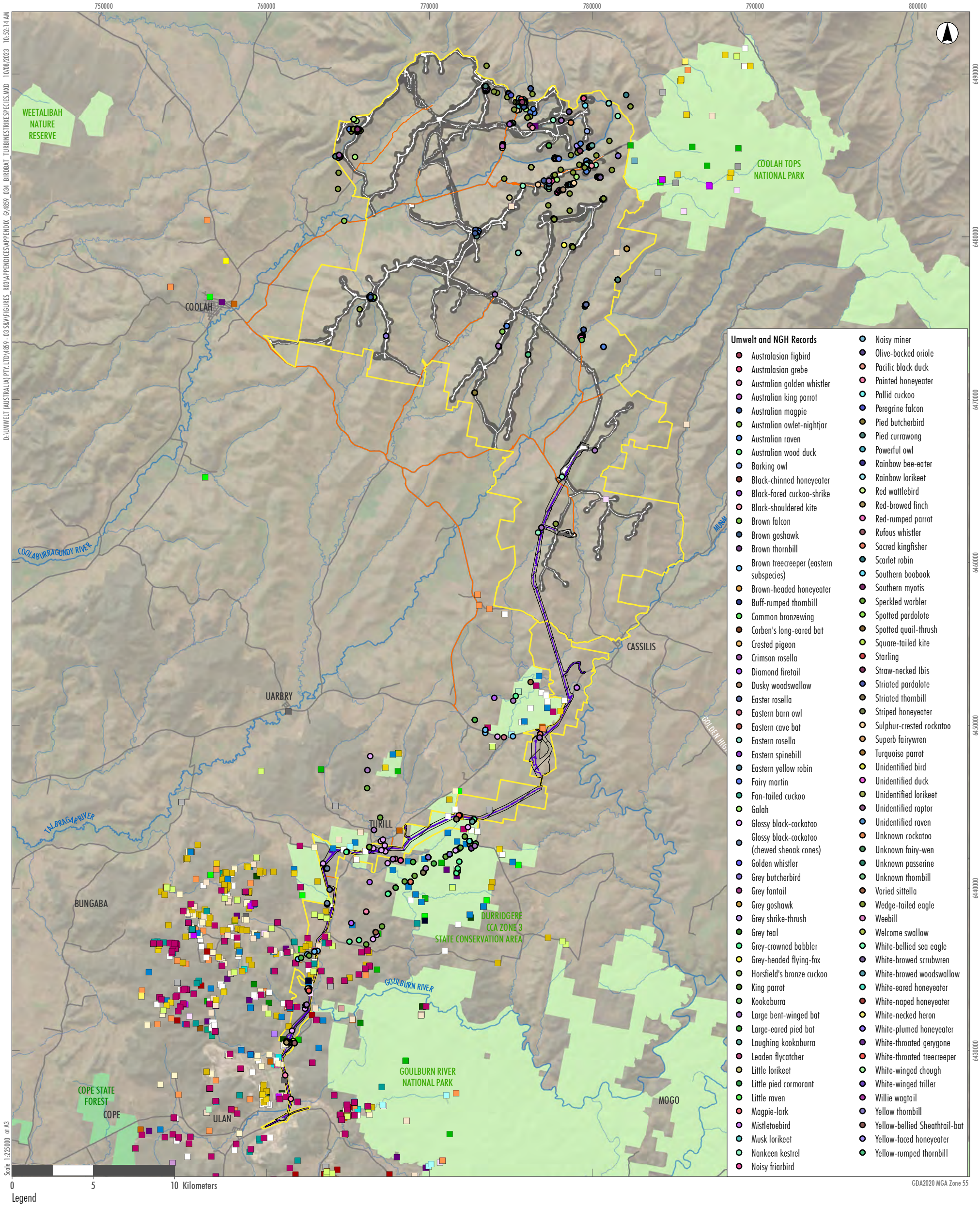
D) Poorly known but has moderately high fecundity and a high capacity to replace individuals lost (Marchant, Higgins and Davies 1999), therefore a conservative score of Moderate has been assigned.

E) The total population of dollarbird is not quantified, however is thought to be above 10,000 individuals (Birdlife International 2023b).

F) The dollarbird that occurs in the Project Area is not listed as threatened under the EPBC Act or the BC Act.

Table 8.26 Large-eared pied bat risk assessment

	Criterion A	Criterion B	Criterion C	Criterion D	Criterion E	Criterion F
Low		X	X	X	X	X
Moderate	X					
High						
Risk Rating						
Likelihood	Moderate	**Consequence**	Low	**Risk Rating**	Minor	



Legend

RTS Project

- RTS Project Site

RTS Indicative Development Footprints

- RTS Indicative Development Footprint – Wind Farm
- RTS Indicative Development Footprint – External Transmission Line
- RTS Indicative Development Footprint – Public Road Upgrades

RTS Development Corridor

- RTS Development Corridor – Wind Farm
- RTS Development Corridor – External Transmission Line

- Road
- Drainage Line
- National Parks (NPWS Estate)
- State Forest

NSW Bionet Atlas TS Records

- Barking Owl
- Black Falcon
- Black-breasted Buzzard
- Black-chinned Honeyeater (eastern subspecies)
- Brown Treecreeper (eastern subspecies)
- Caspian Tern
- Common Sandpiper
- Corben's Long-eared Bat
- Diamond Firetail
- Dusky Woodswallow
- Eastern Cave Bat
- Eastern False Pipistrelle
- Flame Robin
- Gang-gang Cockatoo
- Grey-crowned Babbler (eastern subspecies)
- Hooded Robin (south-eastern form)
- Large Bent-winged Bat
- Large-eared Pied Bat
- Latham's Snipe
- Little Eagle
- Little Lorikeet
- Malleefowl
- Masked Owl
- Painted Honeyeater
- Pilotbird
- Powerful Owl
- Regent Honeyeater
- Scarlet Robin
- South-eastern Glossy Black-Cockatoo
- Speckled Warbler
- Spotted Harrier
- Superb Parrot
- Swift Parrot
- Turquoise Parrot
- Varied Sittella
- White-bellied Sea-Eagle
- White-throated Needletail
- Yellow-bellied Sheathtail-bat

FIGURE 8.1

Liverpool Range Wind Farm
Bird and Bat Turbine Strike Species

Image Source: ESRI Basemap (2022) Data source: NSW DSFI (2022), NSW Bionet Atlas records (2023), (NGH Environmental 2013a, 2013b and 2017)

9.0 Impact of Avoidance Behaviour

Criterion a (vi) predict the impact of avoidance behaviour for migratory species relative to migration distances, and the availability of suitable habitat for breeding, feeding and resting over the migration route

Avoidance behaviour is considered as a behavioural change by a particular species whereby either specific habitat, locality or wider region is avoided. The potential indirect impacts associated with such avoidance behaviour may have on migratory or partly migratory species is difficult to predict given the lack of relevant information available. Assessment against such criterion will be only possible through the preparation (i.e., completion of baseline monitoring) and subsequent implementation (i.e., ongoing monitoring) of the Bird and Bat Adaptative Management Plan for the Project, as required under Development Consent SSD 6696.

Species for which a high proportion of their population exhibits migratory behaviour such as white-throated needletail, large bent-winged bat, superb parrot, regent honeyeater, swift parrot, dollarbird and dusky woodswallow, may be more likely to be affected by impacts (direct and indirect) than sedentary species though the magnitude and nature of such impacts on each is unknown. Mitigation measures prepared as part of the Bird and Bat Adaptative Management Plan will aim to consider potential impacts of avoidance behaviour.

10.0 Justification of Likelihood and Nature of Impact Predictions

Criterion b: Justify predictions of likelihood and nature of impact, with reference to relevant literature and other published sources of information

The nature of impacts associated to aerial fauna species from wind energy projects include direct turbine blade strike and barotrauma, the latter being injury caused by a sudden or substantial change in air pressure. While literature exists as to the nature of such impacts, the rate of occurrence and likelihood of impact is very difficult to accurately determine. A contributing factor to this difficulty is the range of environmental variables (including minimum, maximum and average wind speeds, drought conditions, frequency and intensity of storm cells, etc.) that interact with such impacts, variables which can differ within a single project at any given time as well as varying between different projects. Additionally, the wind farm industry is currently dealing with challenges relating to vast inconsistencies with the way in which baseline and ongoing monitoring surveys are being undertaken, including how and what data is being collected. Such inconsistencies either prevent or inhibit comparative analysis. State and Federal guidelines are currently being prepared to address these challenges.

The preparation (i.e., completion of baseline monitoring) and subsequent implementation (i.e., ongoing monitoring) of the Bird and Bat Adaptative Management Plan for the Project as required by Development Consent SSD 6696 will be essential in providing a framework to measure impacts on aerial fauna species by the Project. Furthermore, this plan will develop trigger levels and mitigation measures designed to manage such impacts through the operational phase of the Project.

Umwelt has prepared a turbine risk assessment for the RTS Project following consideration of recent and ongoing discussions with BCS about their expectations for potential risk ratings of proposed wind turbines. The risk rating undertaken for this project considers four risk ratings. These risk ratings provide an ecological indication of the potential risk the particular proposed wind turbine poses to susceptibility of blade strike and/or barotrauma on bird and bat species. The risk ratings are not species specific, however the consideration of proximity to potential breeding habitat for large-eared pied-bat and eastern cave-bat are built into the criteria of Very High and High. The four risk ratings are listed below with a description of the justification criteria:

- Very High
    - Proposed wind turbines within 285 m of potential breeding habitat for large-eared pied-bat and eastern cave-bat.

OR

    - Proposed wind turbines within 285 m of Coolah Tops National Park.

- High
    - Proposed wind turbines within identified 2 km buffers of potential breeding habitat for large-eared pied-bat and eastern cave-bat; AND directly adjacent to extensive/connected habitat for bird and bats AND/OR steep vegetated gullies.

    OR

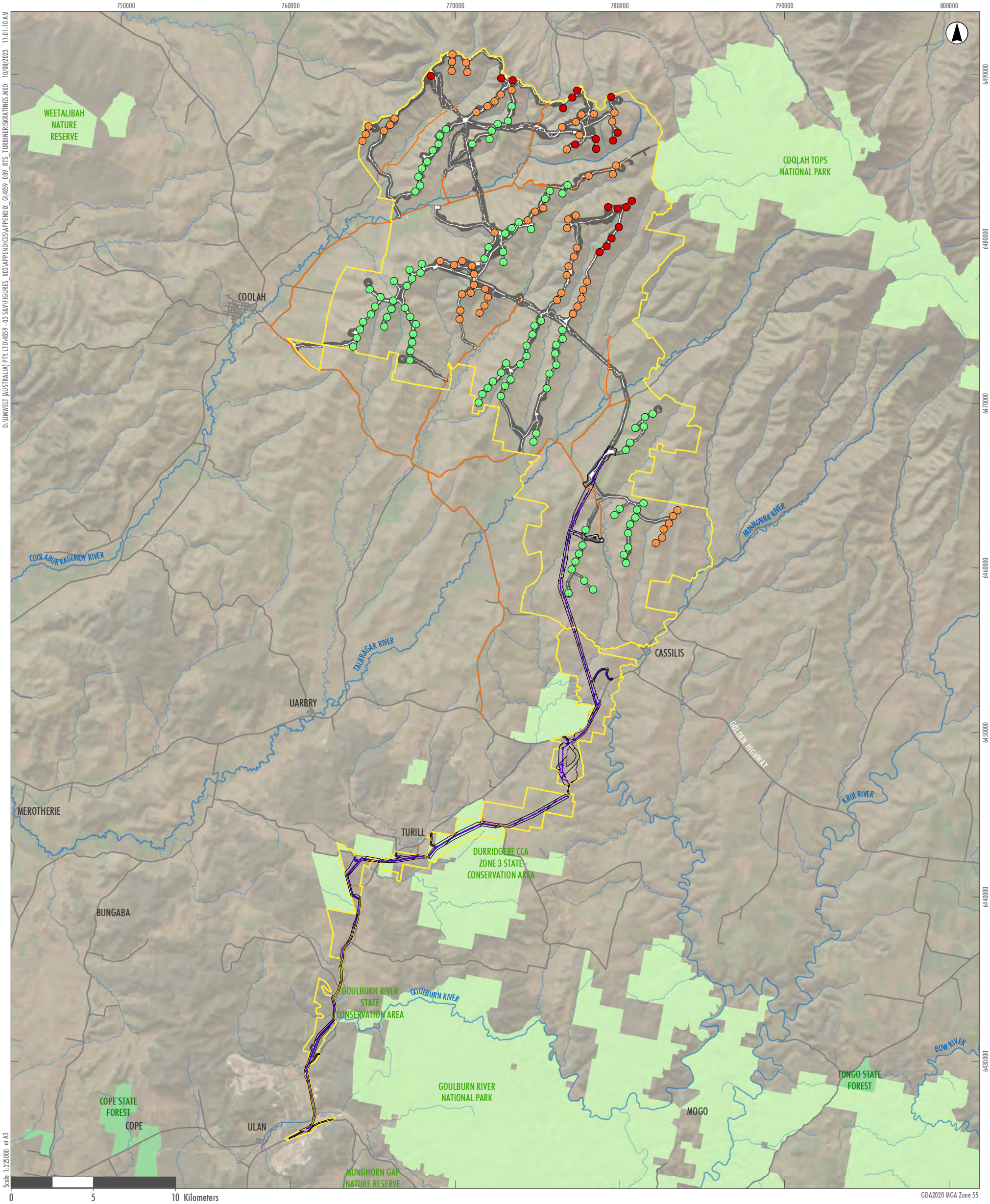
    - Proposed wind turbines in proximity to Coolah Tops National Park (due to the bird and bat habitat contained within it) AND directly adjacent to extensive/connected habitat for bird and bats AND/OR steep vegetated gullies.
- Medium
    - Proposed wind turbines within identified 2 km buffers of potential breeding habitat for large-eared pied-bat and eastern cave-bat; AND NOT directly adjacent to extensive/connected habitat for bird and bats AND/OR steep vegetated gullies.

    OR

    - Proposed wind turbines in proximity to Coolah Tops National Park (given consideration of the bird and bat habitat contained within it) AND NOT directly adjacent to extensive/connected habitat for bird and bats AND/OR steep vegetated gullies.
- Low
    - Proposed wind turbines that do not meet any of the criteria above i.e., are located within heavily disturbed landscapes where native vegetation is dominated by Low condition woodlands/forests or Derived Native Grasslands, AND not in proximity to Coolah Tops National Park or extensive/connected habitat for bird and bats OR steep vegetated gullies.

The distance of 285 m used in the Very High-Risk criteria is based on the EUROBAT Publication article by Rodrigues et al (2015), which suggests that wind turbines should be located a minimum of 200 m away from woodlands and forests (or structures that would provide substantial habitat for microbats) to minimise potential turbine strike impacts to microbats. Importantly, the 200 m distance is to be measured from the tip of the wind turbine blade, not the wind turbine tower itself. In the case of this RTS Project, with proposed 85 m long wind turbine blades, measures 285 m from the wind turbine locations.

Of the total 185 proposed wind turbines for the RTS Project, none are identified as Very High Risk, 20 (11%) as High Risk, 65 (35%) as Medium Risk and 100 (54%) as Low Risk. The risk ratings of the proposed wind turbine layout of the RTS Project are presented in **Figure 10.1**.



Legend

RTS Project

- RTS Project Site

RTS Indicative Development Footprints

- RTS Indicative Development Footprint – Wind Farm
- RTS Indicative Development Footprint – External Transmission Line
- RTS Indicative Development Footprint – Public Road Upgrades

RTS Development Corridor

- RTS Development Corridor – Wind Farm
- RTS Development Corridor – External Transmission Line

RTS Wind Turbines - Risk Rating

- Low
- Medium
- High

- Road
- Drainage Line
- National Parks (NPWS Estate)
- State Forest

FIGURE 10.1

Liverpool Range Wind Farm: Turbine Risk Ratings

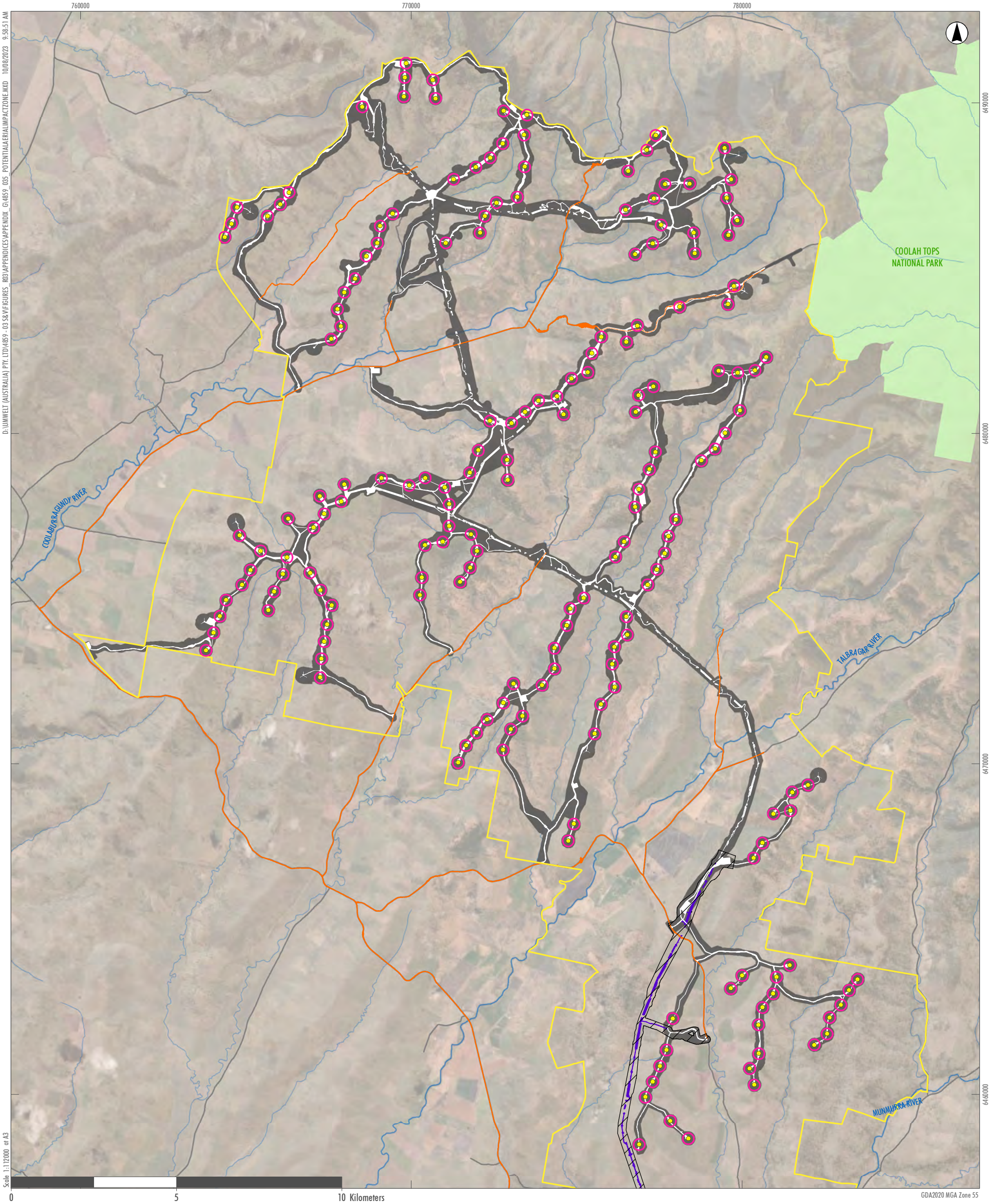
Image Source: ESRI Basemap (2022) Data source: NSW DSFI (2022)

11.0 Likely Zone of Disturbance

Criterion c: Map the disturbance zone around wind turbines, and the significant landscape and habitat features within that zone, for species likely to be affected, e.g. hollow bearing trees and important habitat for migratory species.

There is currently no information on the degree to which wind turbines disturb aerial species in Australia. For this reason, the likely zone of disturbance around wind turbines is unknown. In the absence of such information being published or formally recognised, Umwelt has buffered each of the proposed 185 wind turbines by 170 metres to indicate a potential likely zone of disturbance (**Figure 11.1** and detailed **Figure 11.1** set provided in **Appendix 1**). This 170 m buffer considers the proposed blade length of 85 metres, plus an additional 85 metres and has been applied following consideration of BCDs submission on the exhibited BDAR as part of the Mod-1 Project. This represents a total 'likely zone of disturbance' of 96,211 m^2 per turbine or approximately 1,780 ha across the RTS Project. This area represents the area of aerial indirect impact zone. It is acknowledged that this represents a potential likely zone of disturbance in plain view, i.e., view of the impact area as projected on a horizontal plane.

However, as described in **Section 1.2**, the RSA is between 40 metres AGL (i.e. ground clearance) and 215 metres AGL (i.e. maximum blade tip height), equating to an area of 23,235 m^2 per turbine or approximately 430 hectares of total aerial space for the 185 proposed turbines. This area of aerial direct impact zone represents +9,962 m^2 per turbine or +76 ha for the proposed 185 wind turbines compared to the aerial direct impact zone of the Approved Project (SSD 6696). Compared to the Mod-1 Project, the aerial impacts per turbine are -11,401 m^2 and -332 ha across the proposed 220 wind turbines of the Mod-1 Project.



Legend

RTS Project

- RTS Project Site
- RTS Wind Turbines
- Potential Aerial Impact Zone (170m radius)

RTS Indicative Development Footprints

- RTS Indicative Development Footprint – Wind Farm
- RTS Indicative Development Footprint – External Transmission Line
- RTS Indicative Development Footprint – Public Road Upgrades

RTS Development Corridor

- RTS Development Corridor – Wind Farm
- RTS Development Corridor – External Transmission Line

- Road
- Drainage Line
- National Parks (NPWS Estate)

FIGURE 11.1

Liverpool Range Wind Farm
Potential Aerial Impact Zone
(170 metre turbine buffers)

Image Source: ESRI Basemap (2022) Data source: NSW DSFI (2022)

12.0 Conclusion

Of the 22 species assessed four (4) are assigned a High risk rating, 15 are assigned a Moderate risk rating and three (3) are assigned a Minor risk rating of being impacted by the Project (**Table 12.1**). No bird or bat species were considered to result in an Extreme risk rating as a result of the RTS Project. The resultant risk rating for these species is primarily due to their relative abundance in the Project site, their predicted or observed flight behaviour in the Project site and/or their known susceptibility to blade strike at wind farms in south-east Australia. For each of the four (4) species assigned an overall risk rating of High, two (2) species were considered to have a High likelihood of collision. The two species that were considered to have a Moderate likelihood of collision were considered to have a High consequence from a potential collision.

The risk rating for powerful owl, barking owl, masked owl and large bent-winged bat reflect the likelihood of those species occurring in the Project site, their population sizes and potential to fly within the RSA. The removal of 10 proposed wind turbines (C10, C19, C20, C21, D56, D60, D61, E41, E42 and 49) by the RTS Project compared with the Mod-1 Project, is considered to have reduced the potential frequency of interaction of barking owl, powerful owl and masked owl with wind turbines has been reduced. This has been the primary consideration of the overall risk rating for these three species dropping from High to Moderate in the RTS Project compared to the Mod-1 Project. The overall risk rating of High for swift parrot and regent honeyeater reflects the very small remaining population sizes, listing status, coupled with each species' migratory nature and habitat fragmentation.

The overall risk rating of High for white-throated needletail largely reflects the High likelihood of collision of birds in the Project site given their known susceptibility to blade strike at other wind farms in Australia.

A comparison of the Likelihood, Consequence and overall Risk Rating identified for species by the Mod-1 Project and RTS Project is presented below in **Table 12.2**.

The results of this assessment have informed the identification of prescribed impacts on protected species in the BDAR and will inform the Bird and Bat Adaptive Management Plan for the project.

Table 12.1 Risk Assessment Summary

Common Name	Latin Name	Likelihood	Consequence	Risk Rating
white-throated needletail	*Hirundapus caudacutus*	High	Moderate	**High**
large bent-winged bat	*Miniopterus orianae oceanensis*	High	Moderate	**High**
regent honeyeater	*Anthochaera phrygia*	Moderate	High	**High**
swift parrot	*Lathamus discolor*	Moderate	High	**High**
barking owl	*Ninox connivens*	Moderate	Moderate	**Moderate**
powerful owl	*Ninox stenua*	Moderate	Moderate	**Moderate**
masked owl	*Tyto novaehollandiae*	Moderate	Moderate	**Moderate**
large-eared pied bat	*Chalinolobus dwyeri*	Moderate	Moderate	**Moderate**
yellow-bellied sheath-tail bat	*Saccolaimus flaviventris*	Moderate	Moderate	**Moderate**
eastern cave bat	*Vespadelus troughtoni*	Moderate	Moderate	**Moderate**

Common Name	Latin Name	Likelihood	Consequence	Risk Rating
Corben's long-eared bat	*Nyctophilus corbeni*	Moderate	Moderate	**Moderate**
dusky woodswallow	*Artamus cyanopterus*	High	Low	**Moderate**
wedge-tailed eagle	*Aquila audax*	High	Low	**Moderate**
black-chinned honeyeater	*Melithreptus gularis*	Moderate	Moderate	**Moderate**
painted honeyeater	*Grantiella picta*	Moderate	Moderate	**Moderate**
superb parrot	*Polytelis swainsonii*	Moderate	Moderate	**Moderate**
little eagle	*Hieraaetus morphnoides*	Moderate	Moderate	**Moderate**
nankeen kestrel	*Falco cenchroides*	High	Low	**Moderate**
white-striped freetail bat	*Austronomus australis*	High	Low	**Moderate**
brown falcon	*Falco berigora*	Moderate	Low	**Minor**
square-tailed kite	*Lophoictinia isura*	Low	Moderate	**Minor**
dollarbird	*Eurystomus orientalis*	Moderate	Low	**Minor**

Table 12.2 Risk Assessment Summary Comparison between Mod-1 Project and RTS Project

Common Name	Mod-1 Project Likelihood	Mod-1 Project Consequence	Mod-1 Project Risk Rating	RTS Project Likelihood	RTS Project Consequence	RTS Project Risk Rating
white-throated needletail	High	Moderate	**High**	High	Moderate	**High**
large bent-winged bat	High	Moderate	**High**	High	Moderate	**High**
regent honeyeater	Moderate	High	**High**	Moderate	High	**High**
swift parrot	Moderate	High	**High**	Moderate	High	**High**
barking owl	High	Moderate	**High**	Moderate	Moderate	**Moderate**
powerful owl	High	Moderate	**High**	Moderate	Moderate	**Moderate**
masked owl	Not Assessed	Not Assessed	**Not Assessed**	Moderate	Moderate	**Moderate**
large-eared pied bat	Moderate	Moderate	**Moderate**	Moderate	Moderate	**Moderate**
yellow-bellied sheath-tail bat	Not Assessed	Not Assessed	**Not Assessed**	Moderate	Moderate	**Moderate**
eastern cave bat	Moderate	Moderate	**Moderate**	Moderate	Moderate	**Moderate**
Corben's long-eared bat	Moderate	Moderate	**Moderate**	Moderate	Moderate	**Moderate**
dusky woodswallow	High	Low	**Moderate**	High	Low	**Moderate**
wedge-tailed eagle	High	Low	**Moderate**	High	Low	**Moderate**
black-chinned honeyeater	Moderate	Moderate	**Moderate**	Moderate	Moderate	**Moderate**

Common Name	Mod-1 Project Likelihood	Mod-1 Project Consequence	Mod-1 Project Risk Rating	RTS Project Likelihood	RTS Project Consequence	RTS Project Risk Rating
painted honeyeater	Moderate	Moderate	**Moderate**	Moderate	Moderate	**Moderate**
superb parrot	Moderate	Moderate	**Moderate**	Moderate	Moderate	**Moderate**
little eagle	Moderate	Moderate	**Moderate**	Moderate	Moderate	**Moderate**
nankeen kestrel	Not Assessed	Not Assessed	**Not Assessed**	High	Low	**Moderate**
white-striped freetail bat	Not Assessed	Not Assessed	**Not Assessed**	High	Low	**Moderate**
brown falcon	Moderate	Low	**Minor**	Moderate	Low	**Minor**
square-tailed kite	Low	Moderate	**Minor**	Low	Moderate	**Minor**
dollarbird	Not Assessed	Not Assessed	**Not Assessed**	Moderate	Low	**Minor**

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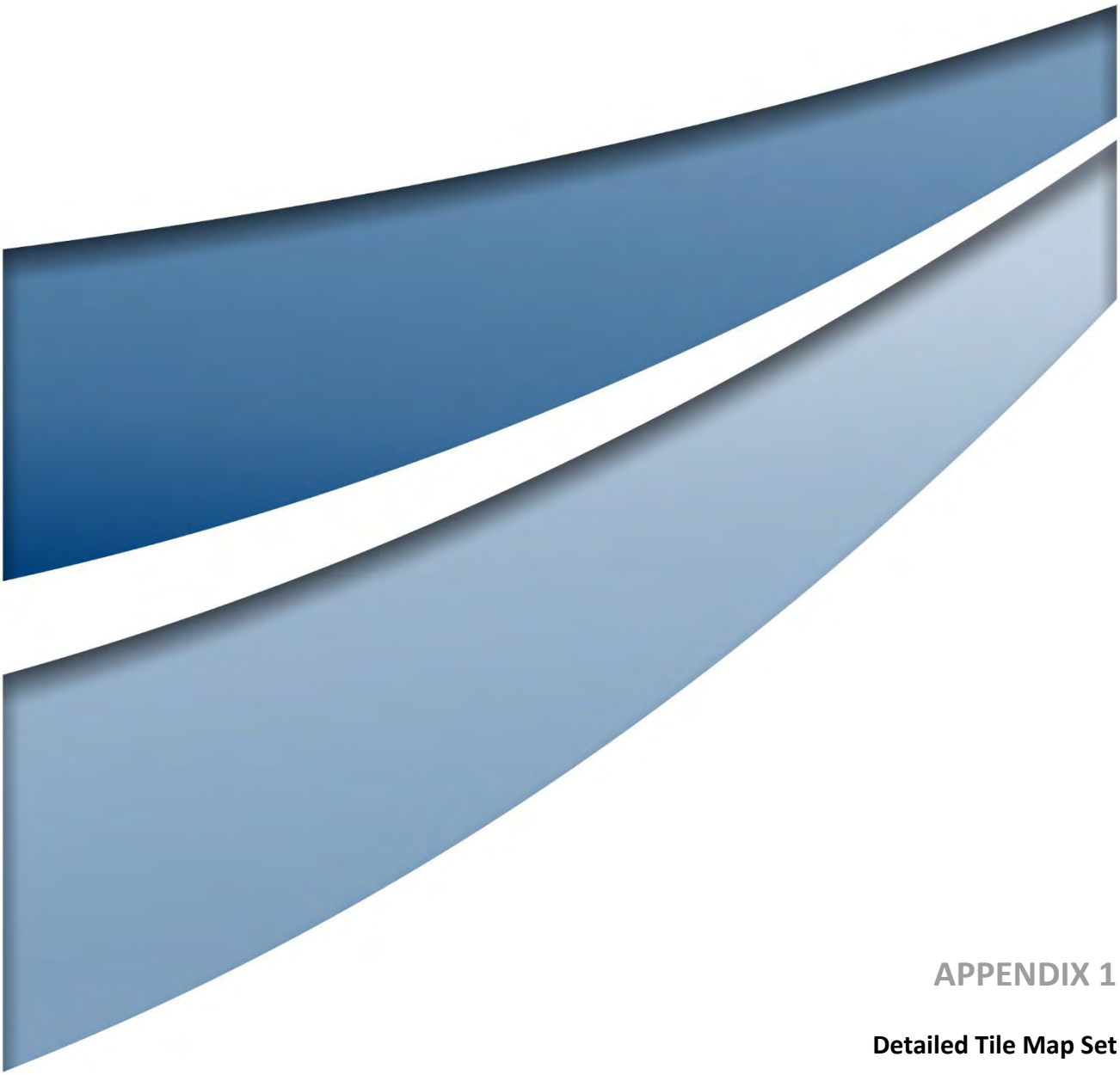

APPENDIX 1

Detailed Tile Map Set

Legend

- RTS Project Site
- RTS Development Corridor – Wind Farm
- RTS Indicative Development Footprint – Wind Farm
- RTS Wind Turbines
- Drainage Line
- Water Body
- Roads

	A2	A3	A4	A5		
	B2	B3	B4	B5		
C1	C2	C3	C4	C5		
D1	D2	D3	D4	D5	D6	
	E2	E3	E4	E5	E6	
		F3	F4	F5	F6	
		G3	G4	G5		
		H2	H3	H4		
	I1	I2	I3			
	J1	J2				
	K1					

APPENDIX 1.1 - A2

Liverpool Range Wind Farm: RTS Development Corridor and RTS Indicative Development Footprints

Image Source: ESRI Basemap (2022) Data source: NSW DSFI (2022)

769000 770000 771000 772000 773000

6493000 6492000 6491000 6490000 6489000 6488000

STONY CREEK
OAKEY CREEK
WHITBYS CREEK
BINNIA CREEK

A10 A11 A12 A13 A14 A15 A16 A17 A18
B11 B13 B18 B20 B21 B24 B25 B26

Scale 1:20000 at A3

0 500 1,000 Metres

GDA2020 MGA Zone 55

Legend

- RTS Project Site
- RTS Development Corridor – Wind Farm
- RTS Indicative Development Footprint – Wind Farm
- RTS Indicative Development Footprint – Public Road Upgrades
- RTS Wind Turbines
- Drainage Line
- Water Body

	A2	A3	A4	A5		
	B2	B3	B4	B5		
C1	C2	C3	C4	C5		
D1	D2	D3	D4	D5	D6	
	E2	E3	E4	E5	E6	
		F3	F4	F5	F6	
		G3	G4	G5		
		H2	H3	H4		
	I1	I2	I3			
	J1	J2				
	K1					

APPENDIX 1.1 - A3

Liverpool Range Wind Farm: RTS Development Corridor and RTS Indicative Development Footprints

Image Source: ESRI Basemap (2022) Data source: NSW DSFI (2022)

774000 775000 776000 777000 778000

6493000 6492000 6491000 6490000 6489000 6488000

WHITBYS CREEK
SPRING GULLY
COXS CREEK
TELARGRA ROAD
PANDORA PASS ROAD
FERNGROVE CREEK
RUSHY CREEK
GAP CREEK
DEEP GULLY

B27
B26
C07
C04
C02
C09
C11
C06

Scale 1:20000 at A3

0 500 1,000 Metres

GDA2020 MGA Zone 55

Legend

- RTS Project Site
- RTS Development Corridor – Wind Farm
- RTS Indicative Development Footprint – Wind Farm
- RTS Indicative Development Footprint – Public Road Upgrades
- RTS Wind Turbines
- Drainage Line
- Water Body
- Roads

		A2	A3	A4	A5	
		B2	B3	B4	B5	
C1	C2	C3	C4	C5		
D1	D2	D3	D4	D5	D6	
	E2	E3	E4	E5	E6	
		F3	F4	F5	F6	
		G3	G4	G5		
		H2	H3	H4		
I1	I2	I3				
J1	J2					
K1						

APPENDIX 1.1 - A4

Liverpool Range Wind Farm: RTS Development Corridor and RTS Indicative Development Footprints

Image Source: ESRI Basemap (2022) Data source: NSW DSFI (2022)

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779000 780000 781000 782000 783000

6493000 6492000 6491000 6490000 6489000 6488000

TELARGRA ROAD

COXS CREEK

ROCKY CREEK

C14

C17

C15

COOLAH TOPS NATIONAL PARK

Scale 1:20000 at A3

0 500 1,000 Metres

GDA2020 MGA Zone 55

Legend

- RTS Project Site
- RTS Development Corridor – Wind Farm
- RTS Indicative Development Footprint – Wind Farm
- RTS Wind Turbines
- Drainage Line
- Water Body
- Roads
- National Parks (NPWS Estate)

	A2	A3	A4	A5		
	B2	B3	B4	B5		
C1	C2	C3	C4	C5		
D1	D2	D3	D4	D5	D6	
	E2	E3	E4	E5	E6	
		F3	F4	F5	F6	
		G3	G4	G5		
		H2	H3	H4		
	I1	I2	I3			
	J1	J2				
	K1					

APPENDIX 1.1 - A5

Liverpool Range Wind Farm:
RTS Development Corridor and
RTS Indicative Development Footprints

Image Source: ESRI Basemap (2022) Data source: NSW DSFI (2022)

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764000 765000 766000 767000 768000

6487000 6486000 6485000 6484000 6483000 6482000 6481000

A01 A02 A03 A04 A05

B01 B02 B03 B04 B05

CATOS CREEK

GUNDARE ROAD

GUNDARE CREEK

COOLABURRAGUNDY RIVER

COOLAH CREEK ROAD

Scale 1:20000 at A3

0 500 1,000 Metres

GDA2020 MGA Zone 55

Legend

- RTS Project Site
- RTS Development Corridor – Wind Farm
- RTS Indicative Development Footprint – Wind Farm
- RTS Indicative Development Footprint – Public Road Upgrades
- RTS Wind Turbines
- Drainage Line
- Water Body
- Roads

	A2	A3	A4	A5		
	B2	B3	B4	B5		
C1	C2	C3	C4	C5		
D1	D2	D3	D4	D5	D6	
	E2	E3	E4	E5	E6	
		F3	F4	F5	F6	
		G3	G4	G5		
		H2	H3	H4		
	I1	I2	I3			
	J1	J2				
	K1					

APPENDIX 1.1 - B2

Liverpool Range Wind Farm: RTS Development Corridor and RTS Indicative Development Footprints

Image Source: ESRI Basemap (2022) Data source: NSW DSFI (2022)

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Legend

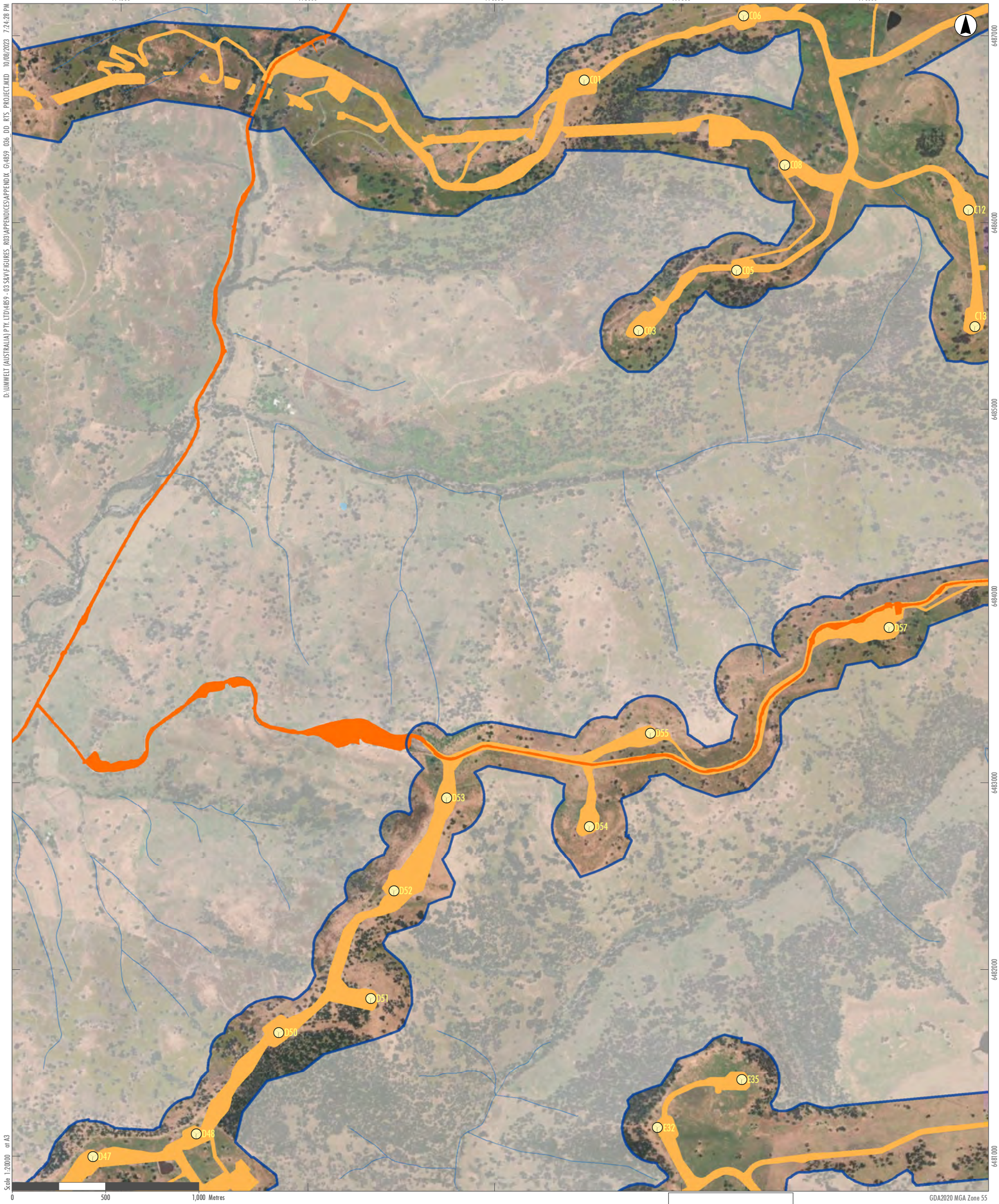
- RTS Project Site
- RTS Development Corridor – Wind Farm
- RTS Indicative Development Footprint – Wind Farm
- RTS Indicative Development Footprint – Public Road Upgrades
- RTS Wind Turbines
- Drainage Line
- Water Body
- Roads

	A2	A3	A4	A5		
	B2	B3	B4	B5		
C1	C2	C3	C4	C5		
D1	D2	D3	D4	D5	D6	
	E2	E3	E4	E5	E6	
		F3	F4	F5	F6	
		G3	G4	G5		
	H2	H3	H4			
I1	I2	I3				
J1	J2					
K1						

APPENDIX 1.1 - B3

Liverpool Range Wind Farm: RTS Development Corridor and RTS Indicative Development Footprints

Image Source: ESRI Basemap (2022) Data source: NSW DSFI (2022)



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Legend

- RTS Project Site
- RTS Development Corridor – Wind Farm
- RTS Indicative Development Footprint – Wind Farm
- RTS Indicative Development Footprint – Public Road Upgrades
- RTS Wind Turbines
- Drainage Line
- Water Body
- Roads

		A2	A3	A4	A5	
		B2	B3	B4	B5	
C1	C2	C3	C4	C5		
D1	D2	D3	D4	D5	D6	
	E2	E3	E4	E5	E6	
		F3	F4	F5	F6	
		G3	G4	G5		
	H2	H3	H4			
I1	I2	I3				
J1	J2					
K1						

APPENDIX 1.1 - B4

Liverpool Range Wind Farm: RTS Development Corridor and RTS Indicative Development Footprints

Image Source: ESRI Basemap (2022) Data source: NSW DSFI (2022)

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779000 780000 781000 782000 783000

6487000 6486000 6485000 6484000 6483000 6482000 6481000

C15 C18 C16 C13 D59 D58 E51 E45 E48 E50

COOLAH TOPS NATIONAL PARK

COOLAH CREEK

NORFOLK ISLAND CREEK

BOUNTY CREEK

Scale 1:20000 at A3

0 500 1,000 Metres

GDA2020 MGA Zone 55

Legend

- RTS Project Site
- RTS Development Corridor – Wind Farm
- RTS Indicative Development Footprint – Wind Farm
- RTS Indicative Development Footprint – Public Road Upgrades
- RTS Wind Turbines
- Drainage Line
- Water Body
- Roads
- National Parks (NPWS Estate)

	A2	A3	A4	A5		
	B2	B3	B4	B5		
C1	C2	C3	C4	C5		
D1	D2	D3	D4	D5	D6	
	E2	E3	E4	E5	E6	
		F3	F4	F5	F6	
		G3	G4	G5		
		H2	H3	H4		
I1	I2	I3				
J1	J2					
K1						

APPENDIX 1.1 - B5

Liverpool Range Wind Farm: RTS Development Corridor and RTS Indicative Development Footprints

Image Source: ESRI Basemap (2022) Data source: NSW DSFI (2022)

Legend

- RTS Project Site
- RTS Indicative Development Footprint – Public Road Upgrades
- Drainage Line
- Water Body
- Roads

	A2	A3	A4	A5	
	B2	B3	B4	B5	
C1	C2	C3	C4	C5	
D1	D2	D3	D4	D5	D6
	E2	E3	E4	E5	E6
		F3	F4	F5	F6
		G3	G4	G5	
		H2	H3	H4	
	I1	I2	I3		
	J1	J2			
	K1				

APPENDIX 1.1 - C1

Liverpool Range Wind Farm: RTS Development Corridor and RTS Indicative Development Footprints

Image Source: ESRI Basemap (2022) Data source: NSW DSFI (2022)

Legend

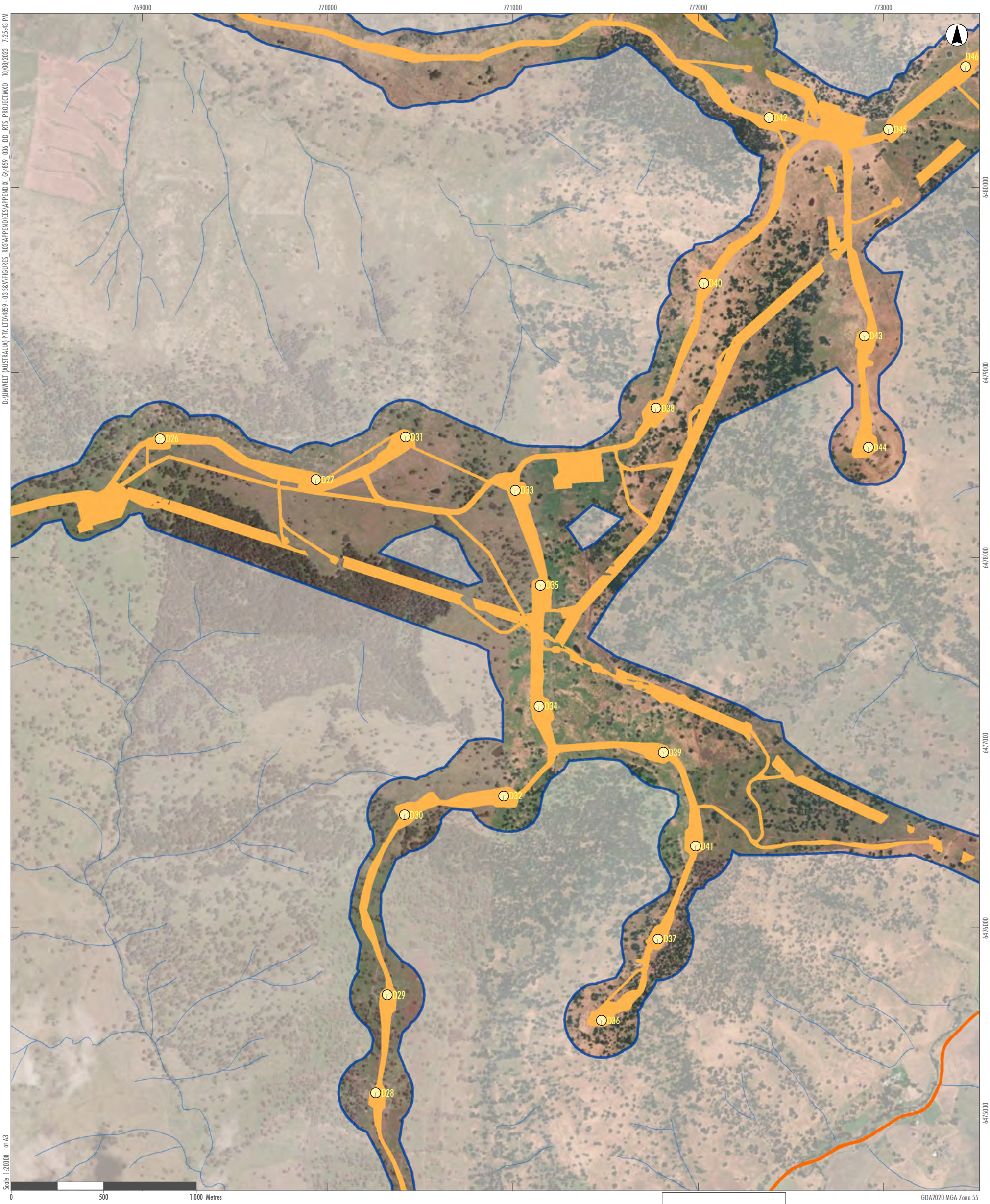
- RTS Project Site
- RTS Development Corridor – Wind Farm
- RTS Indicative Development Footprint – Wind Farm
- RTS Indicative Development Footprint – Public Road Upgrades
- RTS Wind Turbines
- Drainage Line
- Water Body
- Roads

	A2	A3	A4	A5		
	B2	B3	B4	B5		
C1	C2	C3	C4	C5		
D1	D2	D3	D4	D5	D6	
	E2	E3	E4	E5	E6	
		F3	F4	F5	F6	
		G3	G4	G5		
	H2	H3	H4			
I1	I2	I3				
J1	J2					
K1						

APPENDIX 1.1 - C2

Liverpool Range Wind Farm: RTS Development Corridor and RTS Indicative Development Footprints

Image Source: ESRI Basemap (2022) Data source: NSW DSFI (2022)



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Legend

- RTS Project Site
- RTS Development Corridor – Wind Farm
- RTS Indicative Development Footprint – Wind Farm
- RTS Indicative Development Footprint – Public Road Upgrades
- RTS Wind Turbines
- Drainage Line
- Roads

	A2	A3	A4	A5		
	B2	B3	B4	B5		
C1	C2	C3	C4	C5		
D1	D2	D3	D4	D5	D6	
	E2	E3	E4	E5	E6	
		F3	F4	F5	F6	
		G3	G4	G5		
		H2	H3	H4		
	I1	I2	I3			
	J1	J2				
	K1					

APPENDIX 1.1 - C3

Liverpool Range Wind Farm: RTS Development Corridor and RTS Indicative Development Footprints

Image Source: ESRI Basemap (2022) Data source: NSW DSFI (2022)

Legend

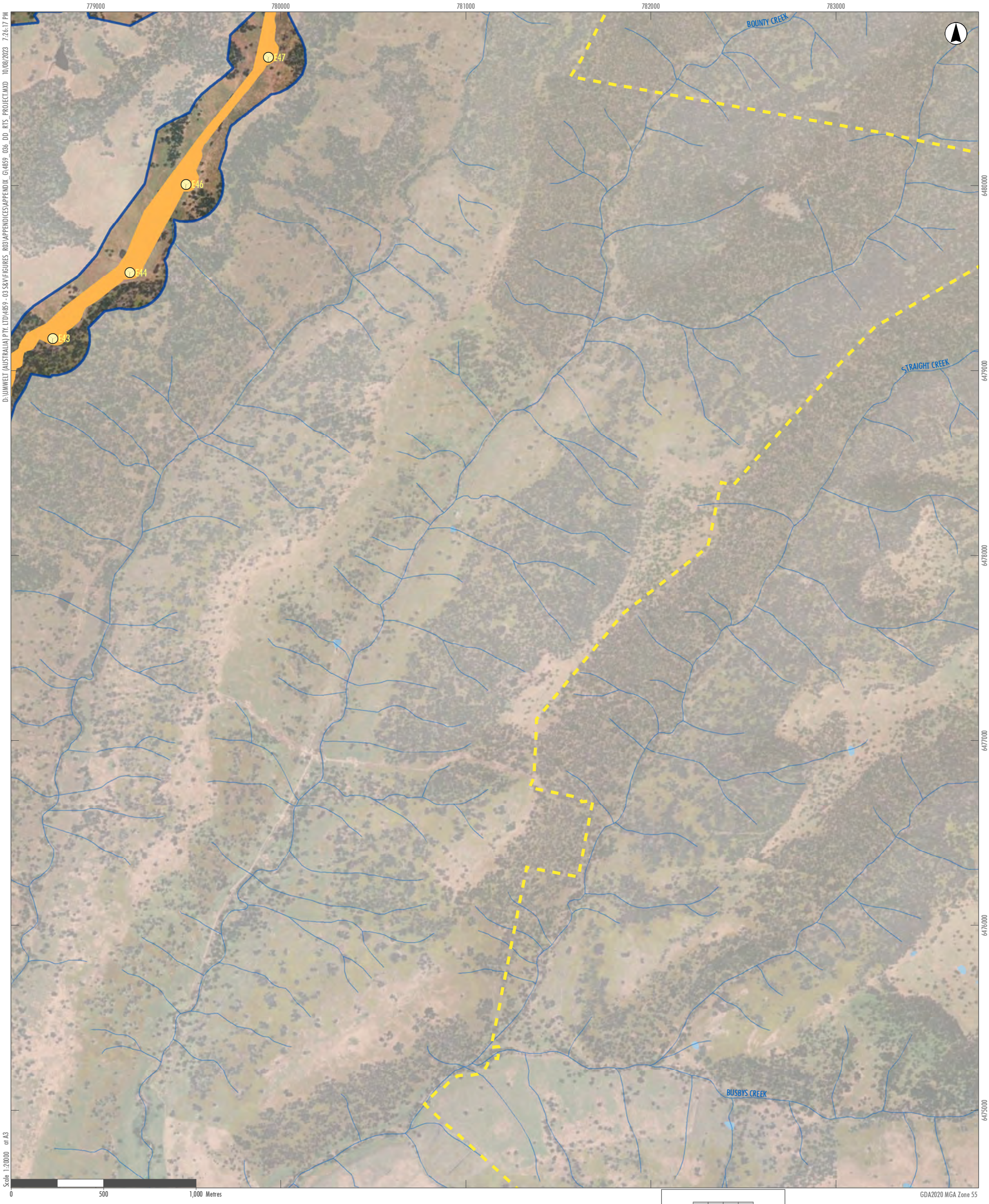
- RTS Project Site
- RTS Development Corridor – Wind Farm
- RTS Indicative Development Footprint – Wind Farm
- RTS Indicative Development Footprint – Public Road Upgrades
- RTS Wind Turbines
- Drainage Line
- Water Body
- Roads

	A2	A3	A4	A5		
	B2	B3	B4	B5		
C1	C2	C3	C4	C5		
D1	D2	D3	D4	D5	D6	
	E2	E3	E4	E5	E6	
		F3	F4	F5	F6	
		G3	G4	G5		
		H2	H3	H4		
I1	I2	I3				
J1	J2					
K1						

APPENDIX 1.1 - C4

Liverpool Range Wind Farm: RTS Development Corridor and RTS Indicative Development Footprints

Image Source: ESRI Basemap (2022) Data source: NSW DSFI (2022)



APPENDIX 1.1 - C5

Liverpool Range Wind Farm: RTS Development Corridor and RTS Indicative Development Footprints

Image Source: ESRI Basemap (2022) Data source: NSW DSFI (2022)

Legend

- RTS Project Site
- RTS Development Corridor – Wind Farm
- RTS Indicative Development Footprint – Wind Farm
- RTS Indicative Development Footprint – Public Road Upgrades
- Drainage Line
- Water Body
- Roads

	A2	A3	A4	A5		
	B2	B3	B4	B5		
C1	C2	C3	C4	C5		
D1	D2	D3	D4	D5	D6	
	E2	E3	E4	E5	E6	
		F3	F4	F5	F6	
		G3	G4	G5		
	H2	H3	H4			
I1	I2	I3				
J1	J2					
K1						

APPENDIX 1.1 - D1

Liverpool Range Wind Farm: RTS Development Corridor and RTS Indicative Development Footprints

Image Source: ESRI Basemap (2022) Data source: NSW DSFI (2022)

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764000 765000 766000 767000 768000

6474000 6473000 6472000 6471000 6470000 6469000

D09 D03 D02 D01 D22 D21 D19 D17

SPRING CREEK

CROPPY CREEK

VINEGAROY ROAD

TUREE VALE ROAD

TUREE CREEK

Scale 1:20000 at A3

0 500 1,000 Metres

GDA2020 MGA Zone 55

Legend

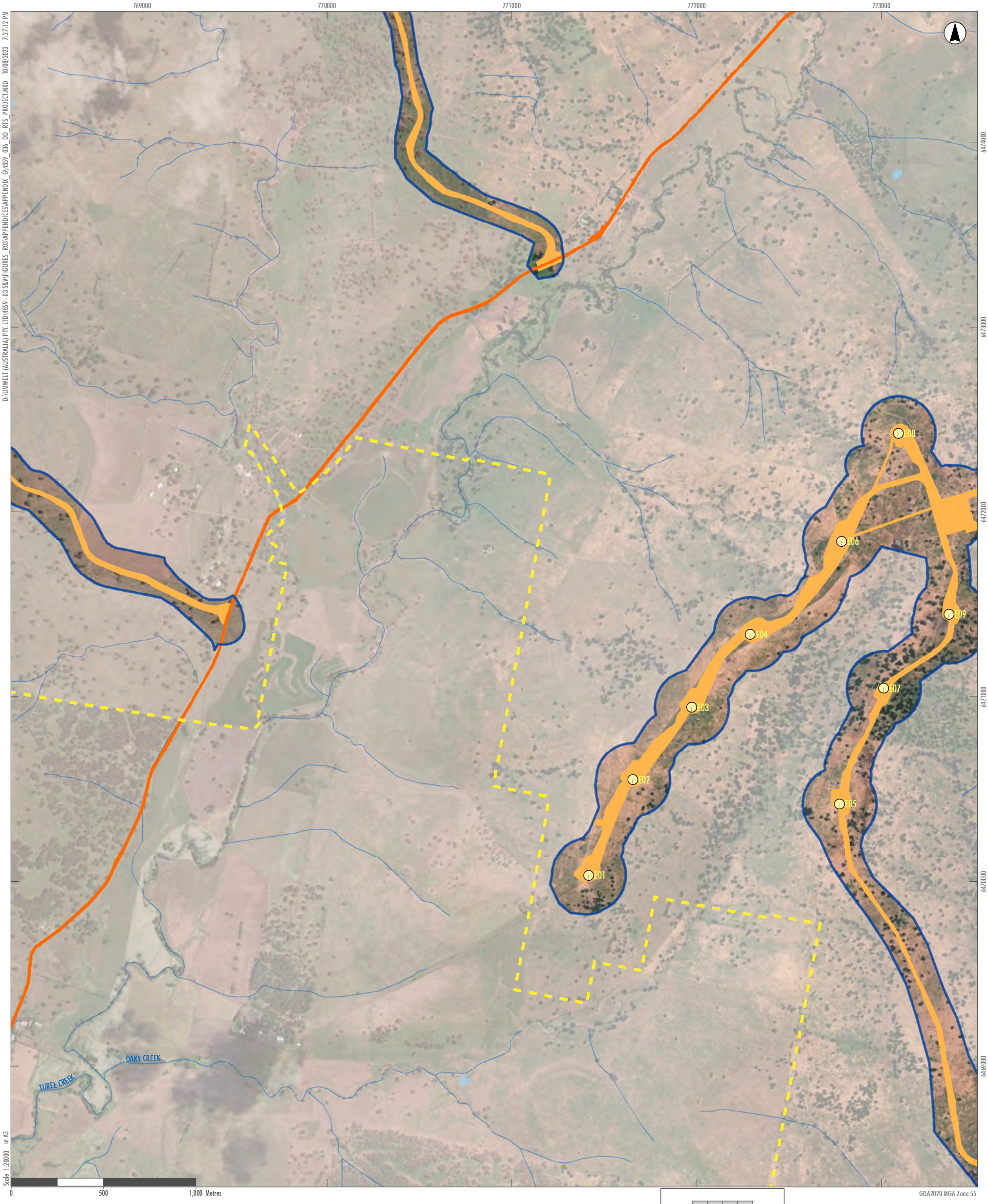
- RTS Project Site
- RTS Development Corridor – Wind Farm
- RTS Indicative Development Footprint – Wind Farm
- RTS Indicative Development Footprint – Public Road Upgrades
- RTS Wind Turbines
- Drainage Line
- Water Body
- Roads

	A2	A3	A4	A5	
	B2	B3	B4	B5	
C1	C2	C3	C4	C5	
D1	D2	D3	D4	D5	D6
	E2	E3	E4	E5	E6
		F3	F4	F5	F6
		G3	G4	G5	
	H2	H3	H4		
I1	I2	I3			
J1	J2				
K1					

APPENDIX 1.1 - D2

Liverpool Range Wind Farm: RTS Development Corridor and RTS Indicative Development Footprints

Image Source: ESRI Basemap (2022) Data source: NSW DSFI (2022)



Legend

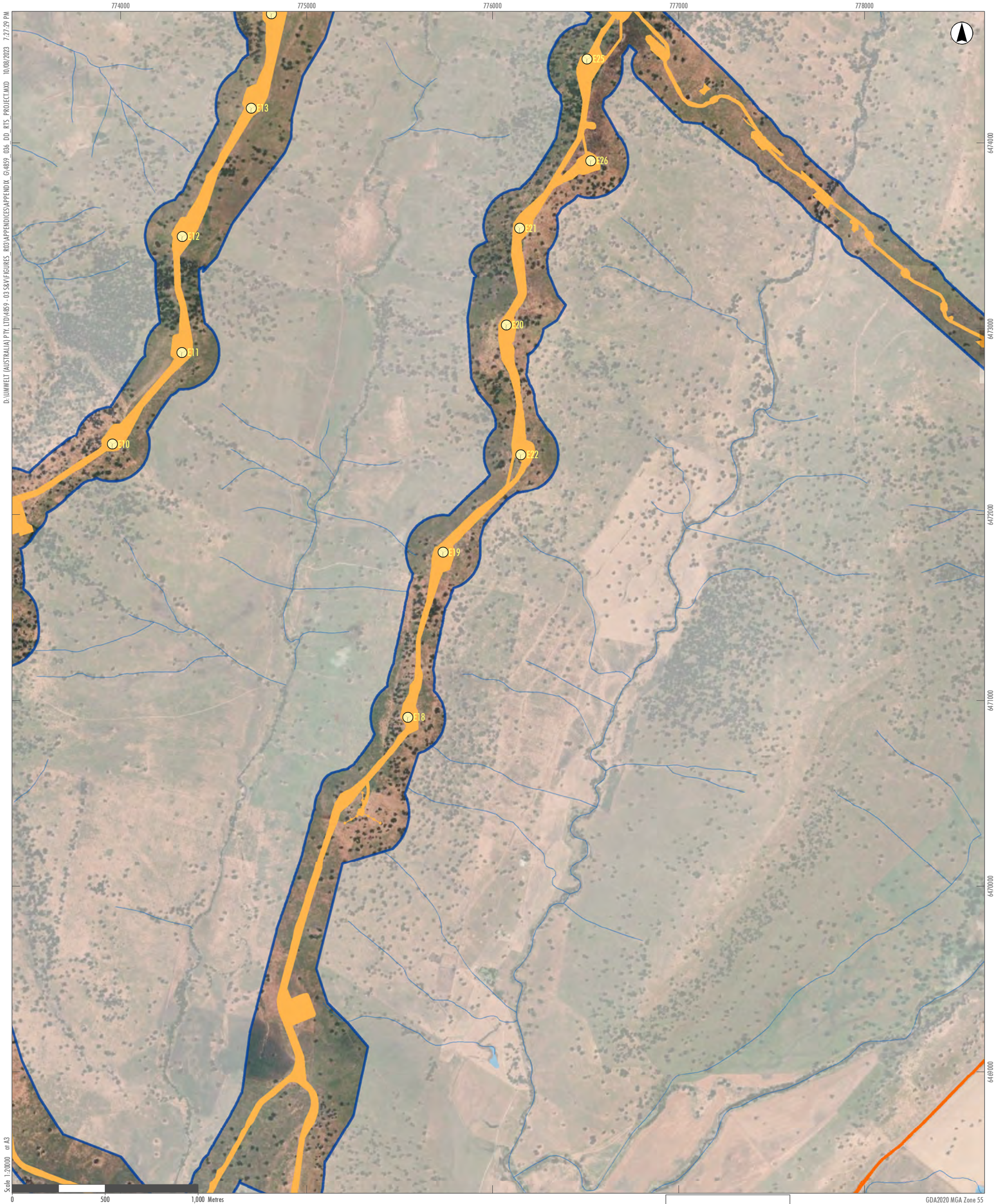
- RTS Project Site
- RTS Development Corridor – Wind Farm
- RTS Indicative Development Footprint – Wind Farm
- RTS Indicative Development Footprint – Public Road Upgrades
- RTS Wind Turbines
- Drainage Line
- Water Body
- Roads

	A2	A3	A4	A5		
	B2	B3	B4	B5		
C1	C2	C3	C4	C5		
D1	D2	D3	D4	D5	D6	
	E2	E3	E4	E5	E6	
		F3	F4	F5	F6	
		G3	G4	G5		
	H2	H3	H4			
I1	I2	I3				
J1	J2					
K1						

APPENDIX 1.1 - D3

Liverpool Range Wind Farm: RTS Development Corridor and RTS Indicative Development Footprints

Image Source: ESRI Basemap (2022) Data source: NSW DSFI (2022)



Legend

- RTS Project Site
- RTS Development Corridor – Wind Farm
- RTS Indicative Development Footprint – Wind Farm
- RTS Indicative Development Footprint – Public Road Upgrades
- RTS Wind Turbines
- Drainage Line
- Water Body
- Roads

	A2	A3	A4	A5		
	B2	B3	B4	B5		
C1	C2	C3	C4	C5		
D1	D2	D3	D4	D5	D6	
	E2	E3	E4	E5	E6	
		F3	F4	F5	F6	
		G3	G4	G5		
	H2	H3	H4			
I1	I2	I3				
J1	J2					
K1						

APPENDIX 1.1 - D4

Liverpool Range Wind Farm: RTS Development Corridor and RTS Indicative Development Footprints

Image Source: ESRI Basemap (2022) Data source: NSW DSFI (2022)