APPENDIX

I

Terrestrial and Aquatic Ecology

Part 2 of 4

GOWRIE TO HELIDON ENVIRONMENTAL IMPACT STATEMENT

IR_1536

The Australian Government is delivering Inland Rail through the Australian Rail Track Corporation (ARTC), in partnership with the private sector.

APPENDIX

I

Terrestrial and Aquatic Ecology

Appendix D Database search results

GOWRIE TO HELIDON ENVIRONMENTAL IMPACT STATEMENT

EPBC Act Protected Matters Report

This report provides general guidance on matters of national environmental significance and other matters protected by the EPBC Act in the area you have selected.

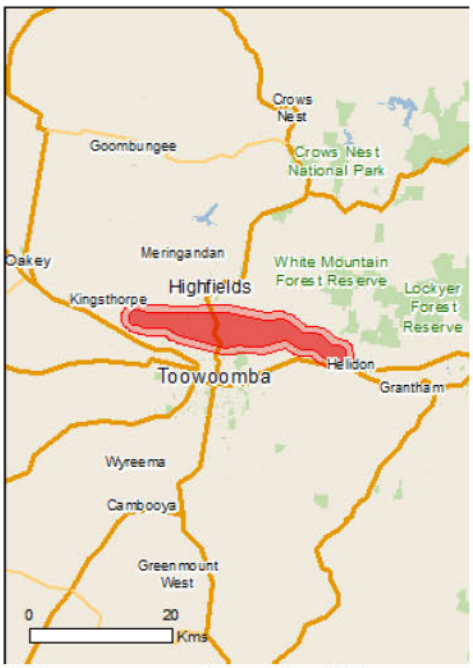
Information on the coverage of this report and qualifications on data supporting this report are contained in the caveat at the end of the report.

Information is available about Environment Assessments and the EPBC Act including significance guidelines, forms and application process details.

Report created: 25/03/20 14:18:11

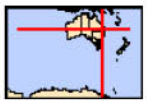
Summary
Details
- Matters of NES
- Other Matters Protected by the EPBC Act
- Extra Information

Caveat
Acknowledgements



This map may contain data which are ©Commonwealth of Australia (Geoscience Australia), ©PSMA 2010

Coordinates
Buffer: 1.0Km



Summary

Matters of National Environmental Significance

This part of the report summarises the matters of national environmental significance that may occur in, or may relate to, the area you nominated. Further information is available in the detail part of the report, which can be accessed by scrolling or following the links below. If you are proposing to undertake an activity that may have a significant impact on one or more matters of national environmental significance then you should consider the Administrative Guidelines on Significance.

World Heritage Properties:	None
National Heritage Places:	None
Wetlands of International Importance:	5
Great Barrier Reef Marine Park:	None
Commonwealth Marine Area:	None
Listed Threatened Ecological Communities:	7
Listed Threatened Species:	47
Listed Migratory Species:	16

Other Matters Protected by the EPBC Act

This part of the report summarises other matters protected under the Act that may relate to the area you nominated. Approval may be required for a proposed activity that significantly affects the environment on Commonwealth land, when the action is outside the Commonwealth land, or the environment anywhere when the action is taken on Commonwealth land. Approval may also be required for the Commonwealth or Commonwealth agencies proposing to take an action that is likely to have a significant impact on the environment anywhere.

The EPBC Act protects the environment on Commonwealth land, the environment from the actions taken on Commonwealth land, and the environment from actions taken by Commonwealth agencies. As heritage values of a place are part of the 'environment', these aspects of the EPBC Act protect the Commonwealth Heritage values of a Commonwealth Heritage place. Information on the new heritage laws can be found at http://www.environment.gov.au/heritage

A permit may be required for activities in or on a Commonwealth area that may affect a member of a listed threatened species or ecological community, a member of a listed migratory species, whales and other cetaceans, or a member of a listed marine species.

Commonwealth Land:	1
Commonwealth Heritage Places:	None
Listed Marine Species:	23
Whales and Other Cetaceans:	None
Critical Habitats:	None
Commonwealth Reserves Terrestrial:	None
Australian Marine Parks:	None

Extra Information

This part of the report provides information that may also be relevant to the area you have nominated.

State and Territory Reserves:	None
Regional Forest Agreements:	None
Invasive Species:	40
Nationally Important Wetlands:	None
Key Ecological Features (Marine)	None

Details

Matters of National Environmental Significance

Wetlands of International Importance (Ramsar)	[Resource Information]
Name	Proximity
Banrock station wetland complex	1300 - 1400km
Moreton bay	50 - 100km upstream
Narran lake nature reserve	400 - 500km upstream
Riverland	1200 - 1300km
The coorong, and lakes alexandrina and albert wetland	1400 - 1500km

Listed Threatened Ecological Communities		[Resource Information]
For threatened ecological communities where the distribution is well known, maps are derived from recovery plans, State vegetation maps, remote sensing imagery and other sources. Where threatened ecological community distributions are less well known, existing vegetation maps and point location data are used to produce indicative distribution maps.		
Name	Status	Type of Presence
Coolibah - Black Box Woodlands of the Darling Riverine Plains and the Brigalow Belt South Bioregions	Endangered	Community may occur within area
Lowland Rainforest of Subtropical Australia	Critically Endangered	Community may occur within area
Natural grasslands on basalt and fine-textured alluvial plains of northern New South Wales and southern Queensland	Critically Endangered	Community likely to occur within area
Poplar Box Grassy Woodland on Alluvial Plains	Endangered	Community may occur within area
Semi-evergreen vine thickets of the Brigalow Belt (North and South) and Nandewar Bioregions	Endangered	Community likely to occur within area
Weeping Myall Woodlands	Endangered	Community may occur within area
White Box-Yellow Box-Blakely's Red Gum Grassy Woodland and Derived Native Grassland	Critically Endangered	Community likely to occur within area

Listed Threatened Species		[Resource Information]
Name	Status	Type of Presence
Birds		
Anthochaera phrygia Regent Honeyeater [82338]	Critically Endangered	Foraging, feeding or related behaviour may occur within area
Botaurus poiciloptilus Australasian Bittern [1001]	Endangered	Species or species habitat may occur within area
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat may occur within area
Cyclopsitta diophthalma_coxeni Coxen's Fig-Parrot [59714]	Endangered	Species or species habitat may occur within area
Erythrotriorchis radiatus Red Goshawk [942]	Vulnerable	Species or species habitat known to occur within area
Geophaps scripta_scripta Squatter Pigeon (southern) [64440]	Vulnerable	Species or species

Name	Status	Type of Presence
		habitat known to occur within area
Grantiella picta Painted Honeyeater [470]	Vulnerable	Species or species habitat known to occur within area
Hirundapus caudacutus White-throated Needletail [682]	Vulnerable	Species or species habitat known to occur within area
Lathamus discolor Swift Parrot [744]	Critically Endangered	Species or species habitat known to occur within area
Numenius madagascariensis Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat may occur within area
Rostratula australis Australian Painted Snipe [77037]	Endangered	Species or species habitat known to occur within area
Turnix melanogaster Black-breasted Button-quail [923]	Vulnerable	Species or species habitat known to occur within area
Mammals		
Chalinolobus dwyeri Large-eared Pied Bat, Large Pied Bat [183]	Vulnerable	Species or species habitat likely to occur within area
Dasyurus hallucatus Northern Quoll, Digul [Gogo-Yimidir], Wijingadda [Dambimangari], Wiminji [Martu] [331]	Endangered	Species or species habitat likely to occur within area
Dasyurus maculatus maculatus (SE mainland population) Spot-tailed Quoll, Spotted-tail Quoll, Tiger Quoll (southeastern mainland population) [75184]	Endangered	Species or species habitat likely to occur within area
Nyctophilus corbeni Corben's Long-eared Bat, South-eastern Long-eared Bat [83395]	Vulnerable	Species or species habitat may occur within area
Petauroides volans Greater Glider [254]	Vulnerable	Species or species habitat known to occur within area
Petrogale penicillata Brush-tailed Rock-wallaby [225]	Vulnerable	Species or species habitat likely to occur within area
Phascolarctos cinereus (combined populations of Qld, NSW and the ACT) Koala (combined populations of Queensland, New South Wales and the Australian Capital Territory) [85104]	Vulnerable	Species or species habitat known to occur within area
Potorous tridactylus tridactylus Long-nosed Potoroo (SE Mainland) [66645]	Vulnerable	Species or species habitat may occur within area
Pseudomys novaehollandiae New Holland Mouse, Pookila [96]	Vulnerable	Species or species habitat likely to occur within area
Pteropus poliocephalus Grey-headed Flying-fox [186]	Vulnerable	Foraging, feeding or related behaviour known to occur within area
Plants		
Arthraxon hispidus Hairy-joint Grass [9338]	Vulnerable	Species or species habitat may occur within area

Name	Status	Type of Presence
Bothriochloa bunyensis Satin-top Grass [15961]	Vulnerable	Species or species habitat known to occur within area
Bulbophyllum globuliforme Miniature Moss-orchid, Hoop Pine Orchid [6649]	Vulnerable	Species or species habitat likely to occur within area
Cadellia pentastylis Ooline [9828]	Vulnerable	Species or species habitat likely to occur within area
Clematis fawcettii Stream Clematis [4311]	Vulnerable	Species or species habitat likely to occur within area
Dichanthium queenslandicum King Blue-grass [5481]	Endangered	Species or species habitat may occur within area
Dichanthium setosum bluegrass [14159]	Vulnerable	Species or species habitat likely to occur within area
Grevillea quadricauda [64651]	Vulnerable	Species or species habitat known to occur within area
Haloragis exalata subsp. velutina Tall Velvet Sea-berry [16839]	Vulnerable	Species or species habitat may occur within area
Lepidium peregrinum Wandering Pepper-cress [14035]	Endangered	Species or species habitat known to occur within area
Macadamia integrifolia Macadamia Nut, Queensland Nut Tree, Smooth-shelled Macadamia, Bush Nut, Nut Oak [7326]	Vulnerable	Species or species habitat may occur within area
Paspalidium grandispiculatum a grass [10838]	Vulnerable	Species or species habitat likely to occur within area
Phebalium distans Mt Berryman Phebalium [81869]	Critically Endangered	Species or species habitat likely to occur within area
Picris evae Hawkweed [10839]	Vulnerable	Species or species habitat likely to occur within area
Rhaponticum australe Austral Cornflower, Native Thistle [22647]	Vulnerable	Species or species habitat likely to occur within area
Samadera bidwillii Quassia [29708]	Vulnerable	Species or species habitat may occur within area
Sarcochilus hartmannii Waxy Sarcochilus, Blue Knob Orchid [4124]	Vulnerable	Species or species habitat likely to occur within area
Sarcochilus weinthalii Blotched Sarcochilus, Weinthals Sarcanth [12673]	Vulnerable	Species or species habitat likely to occur within area
Sophora fraseri [8836]	Vulnerable	Species or species habitat known to occur within area

Name	Status	Type of Presence
Thesium australe Austral Toadflax, Toadflax [15202]	Vulnerable	Species or species habitat likely to occur within area
Reptiles		
Anomalopus mackayi Five-clawed Worm-skink, Long-legged Worm-skink [25934]	Vulnerable	Species or species habitat known to occur within area
Delma torquata Adorned Delma, Collared Delma [1656]	Vulnerable	Species or species habitat known to occur within area
Egernia rugosa Yakka Skink [1420]	Vulnerable	Species or species habitat may occur within area
Furina dunmalli Dunmall's Snake [59254]	Vulnerable	Species or species habitat may occur within area
Tympanocryptis condaminensis Condamine Earless Dragon [87888]	Endangered	Species or species habitat likely to occur within area

Listed Migratory Species

[Resource Information]

* Species is listed under a different scientific name on the EPBC Act - Threatened Species list.

Name	Threatened	Type of Presence
Migratory Marine Birds		
Apus pacificus Fork-tailed Swift [678]		Species or species habitat likely to occur within area
Migratory Terrestrial Species		
Cuculus optatus Oriental Cuckoo, Horsfield's Cuckoo [86651]		Species or species habitat may occur within area
Hirundapus caudacutus White-throated Needletail [682]	Vulnerable	Species or species habitat known to occur within area
Monarcha melanopsis Black-faced Monarch [609]		Species or species habitat known to occur within area
Monarcha trivirgatus Spectacled Monarch [610]		Species or species habitat known to occur within area
Motacilla flava Yellow Wagtail [644]		Species or species habitat may occur within area
Myiagra cyanoleuca Satin Flycatcher [612]		Species or species habitat known to occur within area
Rhipidura rufifrons Rufous Fantail [592]		Species or species habitat known to occur within area
Migratory Wetlands Species		
Actitis hypoleucos Common Sandpiper [59309]		Species or species habitat may occur within area
Calidris acuminata Sharp-tailed Sandpiper [874]		Species or species habitat may occur within area

Name	Threatened	Type of Presence
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat may occur within area
Calidris melanotos Pectoral Sandpiper [858]		Species or species habitat may occur within area
Gallinago hardwickii Latham's Snipe, Japanese Snipe [863]		Species or species habitat may occur within area
Numenius madagascariensis Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat may occur within area
Pandion haliaetus Osprey [952]		Species or species habitat known to occur within area
Tringa nebularia Common Greenshank, Greenshank [832]		Species or species habitat likely to occur within area

Other Matters Protected by the EPBC Act

Commonwealth Land [Resource Information]

The Commonwealth area listed below may indicate the presence of Commonwealth land in this vicinity. Due to the unreliability of the data source, all proposals should be checked as to whether it impacts on a Commonwealth area, before making a definitive decision. Contact the State or Territory government land department for further information.

Name
Defence - TOOWOOMBA RIFLE RANGE

Listed Marine Species [Resource Information]

* Species is listed under a different scientific name on the EPBC Act - Threatened Species list.

Name	Threatened	Type of Presence
Birds		
Actitis hypoleucos Common Sandpiper [59309]		Species or species habitat may occur within area
Anseranas semipalmata Magpie Goose [978]		Species or species habitat may occur within area
Apus pacificus Fork-tailed Swift [678]		Species or species habitat likely to occur within area
Ardea alba Great Egret, White Egret [59541]		Breeding known to occur within area
Ardea ibis Cattle Egret [59542]		Species or species habitat may occur within area
Calidris acuminata Sharp-tailed Sandpiper [874]		Species or species habitat may occur within area
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Species or species habitat may occur within area
Calidris melanotos Pectoral Sandpiper [858]		Species or species habitat may occur within

Name	Threatened	Type of Presence
		area
Chrysococcyx osculans Black-eared Cuckoo [705]		Species or species habitat likely to occur within area
Gallinago hardwickii Latham's Snipe, Japanese Snipe [863]		Species or species habitat may occur within area
Haliaeetus leucogaster White-bellied Sea-Eagle [943]		Species or species habitat known to occur within area
Hirundapus caudacutus White-throated Needletail [682]	Vulnerable	Species or species habitat known to occur within area
Lathamus discolor Swift Parrot [744]	Critically Endangered	Species or species habitat known to occur within area
Merops ornatus Rainbow Bee-eater [670]		Species or species habitat may occur within area
Monarcha melanopsis Black-faced Monarch [609]		Species or species habitat known to occur within area
Monarcha trivirgatus Spectacled Monarch [610]		Species or species habitat known to occur within area
Motacilla flava Yellow Wagtail [644]		Species or species habitat may occur within area
Myiagra cyanoleuca Satin Flycatcher [612]		Species or species habitat known to occur within area
Numenius madagascariensis Eastern Curlew, Far Eastern Curlew [847]	Critically Endangered	Species or species habitat may occur within area
Pandion haliaetus Osprey [952]		Species or species habitat known to occur within area
Rhipidura rufifrons Rufous Fantail [592]		Species or species habitat known to occur within area
Rostratula benghalensis (sensu lato) Painted Snipe [889]	Endangered*	Species or species habitat known to occur within area
Tringa nebularia Common Greenshank, Greenshank [832]		Species or species habitat likely to occur within area

Extra Information

Invasive Species [Resource Information]

Weeds reported here are the 20 species of national significance (WoNS), along with other introduced plants that are considered by the States and Territories to pose a particularly significant threat to biodiversity. The following feral animals are reported: Goat, Red Fox, Cat, Rabbit, Pig, Water Buffalo and Cane Toad. Maps from Landscape Health Project, National Land and Water Resouces Audit, 2001.

Name	Status	Type of Presence
Birds		
Acridotheres tristis Common Myna, Indian Myna [387]		Species or species habitat likely to occur within area
Anas platyrhynchos Mallard [974]		Species or species habitat likely to occur within area
Columba livia Rock Pigeon, Rock Dove, Domestic Pigeon [803]		Species or species habitat likely to occur within area
Lonchura punctulata Nutmeg Mannikin [399]		Species or species habitat likely to occur within area
Passer domesticus House Sparrow [405]		Species or species habitat likely to occur within area
Streptopelia chinensis Spotted Turtle-Dove [780]		Species or species habitat likely to occur within area
Sturnus vulgaris Common Starling [389]		Species or species habitat likely to occur within area
Turdus merula Common Blackbird, Eurasian Blackbird [596]		Species or species habitat likely to occur within area
Frogs		
Rhinella marina Cane Toad [83218]		Species or species habitat known to occur within area
Mammals		
Bos taurus Domestic Cattle [16]		Species or species habitat likely to occur within area
Canis lupus familiaris Domestic Dog [82654]		Species or species habitat likely to occur within area
Capra hircus Goat [2]		Species or species habitat likely to occur within area
Felis catus Cat, House Cat, Domestic Cat [19]		Species or species habitat likely to occur within area
Lepus capensis Brown Hare [127]		Species or species habitat likely to occur within area

Name	Status	Type of Presence
Mus musculus House Mouse [120]		Species or species habitat likely to occur within area
Oryctolagus cuniculus Rabbit, European Rabbit [128]		Species or species habitat likely to occur within area
Rattus norvegicus Brown Rat, Norway Rat [83]		Species or species habitat likely to occur within area
Rattus rattus Black Rat, Ship Rat [84]		Species or species habitat likely to occur within area
Sus scrofa Pig [6]		Species or species habitat likely to occur within area
Vulpes vulpes Red Fox, Fox [18]		Species or species habitat likely to occur within area
Plants		
Anredera cordifolia Madeira Vine, Jalap, Lamb's-tail, Mignonette Vine, Anredera, Gulf Madeiravine, Heartleaf Madeiravine, Potato Vine [2643]		Species or species habitat likely to occur within area
Asparagus africanus Climbing Asparagus, Climbing Asparagus Fern [66907]		Species or species habitat likely to occur within area
Asparagus asparagoides Bridal Creeper, Bridal Veil Creeper, Smilax, Florist's Smilax, Smilax Asparagus [22473]		Species or species habitat likely to occur within area
Chrysanthemoides monilifera Bitou Bush, Boneseed [18983]		Species or species habitat may occur within area
Cryptostegia grandiflora Rubber Vine, Rubbervine, India Rubber Vine, India Rubbervine, Palay Rubbervine, Purple Allamanda [18913]		Species or species habitat likely to occur within area
Dolichandra unguis-cati Cat's Claw Vine, Yellow Trumpet Vine, Cat's Claw Creeper, Funnel Creeper [85119]		Species or species habitat likely to occur within area
Genista monspessulana Montpellier Broom, Cape Broom, Canary Broom, Common Broom, French Broom, Soft Broom [20126]		Species or species habitat likely to occur within area
Lantana camara Lantana, Common Lantana, Kamara Lantana, Large-leaf Lantana, Pink Flowered Lantana, Red Flowered Lantana, Red-Flowered Sage, White Sage, Wild Sage [10892]		Species or species habitat likely to occur within area
Lycium ferocissimum African Boxthorn, Boxthorn [19235]		Species or species habitat likely to occur within area
Nassella neesiana Chilean Needle grass [67699]		Species or species habitat likely to occur within area
Opuntia spp. Prickly Pears [82753]		Species or species habitat likely to occur within area
Parkinsonia aculeata Parkinsonia, Jerusalem Thorn, Jelly Bean Tree, Horse Bean [12301]		Species or species habitat likely to occur

Name	Status	Type of Presence
		within area
Parthenium hysterophorus Parthenium Weed, Bitter Weed, Carrot Grass, False Ragweed [19566]		Species or species habitat likely to occur within area
Prosopis spp. Mesquite, Algaroba [68407]		Species or species habitat likely to occur within area
Rubus fruticosus aggregate Blackberry, European Blackberry [68406]		Species or species habitat likely to occur within area
Salix spp. except S.babylonica, S.x calodendron & S.x reichardtii Willows except Weeping Willow, Pussy Willow and Sterile Pussy Willow [68497]		Species or species habitat likely to occur within area
Salvinia molesta Salvinia, Giant Salvinia, Aquarium Watermoss, Kariba Weed [13665]		Species or species habitat likely to occur within area
Senecio madagascariensis Fireweed, Madagascar Ragwort, Madagascar Groundsel [2624]		Species or species habitat likely to occur within area
Solanum elaeagnifolium Silver Nightshade, Silver-leaved Nightshade, White Horse Nettle, Silver-leaf Nightshade, Tomato Weed, White Nightshade, Bull-nettle, Prairie-berry, Satansbos, Silver-leaf Bitter-apple, Silverleaf-nettle, Trompillo [12323]		Species or species habitat likely to occur within area
Reptiles		
Hemidactylus frenatus Asian House Gecko [1708]		Species or species habitat likely to occur within area

Caveat

The information presented in this report has been provided by a range of data sources as acknowledged at the end of the report.

This report is designed to assist in identifying the locations of places which may be relevant in determining obligations under the Environment Protection and Biodiversity Conservation Act 1999. It holds mapped locations of World and National Heritage properties, Wetlands of International and National Importance, Commonwealth and State/Territory reserves, listed threatened, migratory and marine species and listed threatened ecological communities. Mapping of Commonwealth land is not complete at this stage. Maps have been collated from a range of sources at various resolutions.

Not all species listed under the EPBC Act have been mapped (see below) and therefore a report is a general guide only. Where available data supports mapping, the type of presence that can be determined from the data is indicated in general terms. People using this information in making a referral may need to consider the qualifications below and may need to seek and consider other information sources.

For threatened ecological communities where the distribution is well known, maps are derived from recovery plans, State vegetation maps, remote sensing imagery and other sources. Where threatened ecological community distributions are less well known, existing vegetation maps and point location data are used to produce indicative distribution maps.

Threatened, migratory and marine species distributions have been derived through a variety of methods. Where distributions are well known and if time permits, maps are derived using either thematic spatial data (i.e. vegetation, soils, geology, elevation, aspect, terrain, etc) together with point locations and described habitat; or environmental modelling (MAXENT or BIOCLIM habitat modelling) using point locations and environmental data layers.

Where very little information is available for species or large number of maps are required in a short time-frame, maps are derived either from 0.04 or 0.02 decimal degree cells; by an automated process using polygon capture techniques (static two kilometre grid cells, alpha-hull and convex hull); or captured manually or by using topographic features (national park boundaries, islands, etc). In the early stages of the distribution mapping process (1999-early 2000s) distributions were defined by degree blocks, 100K or 250K map sheets to rapidly create distribution maps. More reliable distribution mapping methods are used to update these distributions as time permits.

Only selected species covered by the following provisions of the EPBC Act have been mapped:

- migratory and
- marine

The following species and ecological communities have not been mapped and do not appear in reports produced from this database:

- threatened species listed as extinct or considered as vagrants
- some species and ecological communities that have only recently been listed
- some terrestrial species that overfly the Commonwealth marine area
- migratory species that are very widespread, vagrant, or only occur in small numbers

The following groups have been mapped, but may not cover the complete distribution of the species:

- non-threatened seabirds which have only been mapped for recorded breeding sites
- seals which have only been mapped for breeding sites near the Australian continent

Such breeding sites may be important for the protection of the Commonwealth Marine environment.

Coordinates

-27.50424 151.85356,-27.50328 151.84913,-27.50164 151.84626,-27.49936 151.84435,-27.49686 151.84333,-27.49288 151.84393,-27.49006 151.84542,-27.48789 151.84848,-27.48693 151.85201,-27.48699 151.85482,-27.48911 151.86392,-27.49028 151.87098,-27.48947 151.88524,-27.48979 151.89146,-27.49048 151.89529,-27.49106 151.89774,-27.48959 151.9673,-27.49853 152.01622,-27.49823 152.02481,-27.49678 152.03073,-27.49716 152.03682,-27.49937 152.04403,-27.50119 152.0473,-27.51178 152.06154,-27.51284 152.06455,-27.51315 152.0691,-27.51299 152.07588,-27.51497 152.08523,-27.51878 152.09244,-27.52417 152.09869,-27.52577 152.10195,-27.52706 152.10719,-27.52874 152.11388,-27.53102 152.11646,-27.53848 152.11809,-27.54312 152.11508,-27.54502 152.11079,-27.5454 152.10779,-27.54312 152.0956,-27.53863 152.08659,-27.53323 152.08015,-27.53148 152.07637,-27.53094 152.07277,-27.53117 152.06281,-27.52874 152.05363,-27.52128 152.04247,-27.52201 152.03895,-27.52863 152.01149,-27.52779 152.00179,-27.52779 151.99209,-27.5268 151.98471,-27.52886 151.97527,-27.52931 151.96548,-27.51645 151.90815,-27.51339 151.90162,-27.51339 151.89862,-27.51141 151.89828,-27.50943 151.89553,-27.50753 151.88841,-27.50742 151.8852,-27.50826 151.87112,-27.50719 151.86159,-27.50559 151.85885,-27.50415 151.85344,-27.50424 151.85356

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-Office of Environment and Heritage, New South Wales
-Department of Environment and Primary Industries, Victoria
-Department of Primary Industries, Parks, Water and Environment, Tasmania
-Department of Environment, Water and Natural Resources, South Australia
-Department of Land and Resource Management, Northern Territory
-Department of Environmental and Heritage Protection, Queensland
-Department of Parks and Wildlife, Western Australia
-Environment and Planning Directorate, ACT
-Birdlife Australia
-Australian Bird and Bat Banding Scheme
-Australian National Wildlife Collection
-Natural history museums of Australia
-Museum Victoria
-Australian Museum
-South Australian Museum
-Queensland Museum
-Online Zoological Collections of Australian Museums
-Queensland Herbarium
-National Herbarium of NSW
-Royal Botanic Gardens and National Herbarium of Victoria
-Tasmanian Herbarium
-State Herbarium of South Australia
-Northern Territory Herbarium
-Western Australian Herbarium
-Australian National Herbarium, Canberra
-University of New England
-Ocean Biogeographic Information System
-Australian Government, Department of Defence
Forestry Corporation, NSW
-Geoscience Australia
-CSIRO
-Australian Tropical Herbarium, Cairns
-eBird Australia
-Australian Government – Australian Antarctic Data Centre
-Museum and Art Gallery of the Northern Territory
-Australian Government National Environmental Science Program
-Australian Institute of Marine Science
-Reef Life Survey Australia
-American Museum of Natural History
-Queen Victoria Museum and Art Gallery, Inveresk, Tasmania
-Tasmanian Museum and Art Gallery, Hobart, Tasmania
-Other groups and individuals

The Department is extremely grateful to the many organisations and individuals who provided expert advice and information on numerous draft distributions.

Please feel free to provide feedback via the Contact Us page.

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Queensland Government

Department of Environment and Science

Environmental Reports

Matters of State Environmental Significance

For the selected area of interest

Environmental Reports - General Information

The Environmental Reports portal provides for the assessment of selected matters of interest relevant to a user specified location, or area of interest (AOI). All area and derivative figures are relevant to the extent of matters of interest contained within the AOI unless otherwise stated. Please note, if a user selects an AOI via the "central coordinates" option, the resulting assessment area encompasses an area extending for a 2km radius from the point of interest.

All area and area derived figures included in this report have been calculated via reprojecting relevant spatial features to Albers equal-area conic projection (central meridian = 146, datum Geocentric Datum of Australia 1994). As a result, area figures may differ slightly if calculated for the same features using a different co-ordinate system.

Figures in tables may be affected by rounding.

The matters of interest reported on in this document are based upon available state mapped datasets. Where the report indicates that a matter of interest is not present within the AOI (e.g. where area related calculations are equal to zero, or no values are listed), this may be due either to the fact that state mapping has not been undertaken for the AOI, that state mapping is incomplete for the AOI, or that no values have been identified within the site.

The information presented in this report should be considered as a guide only and field survey may be required to validate values on the ground.

Please direct queries about these reports to: Planning.Support@des.qld.gov.au

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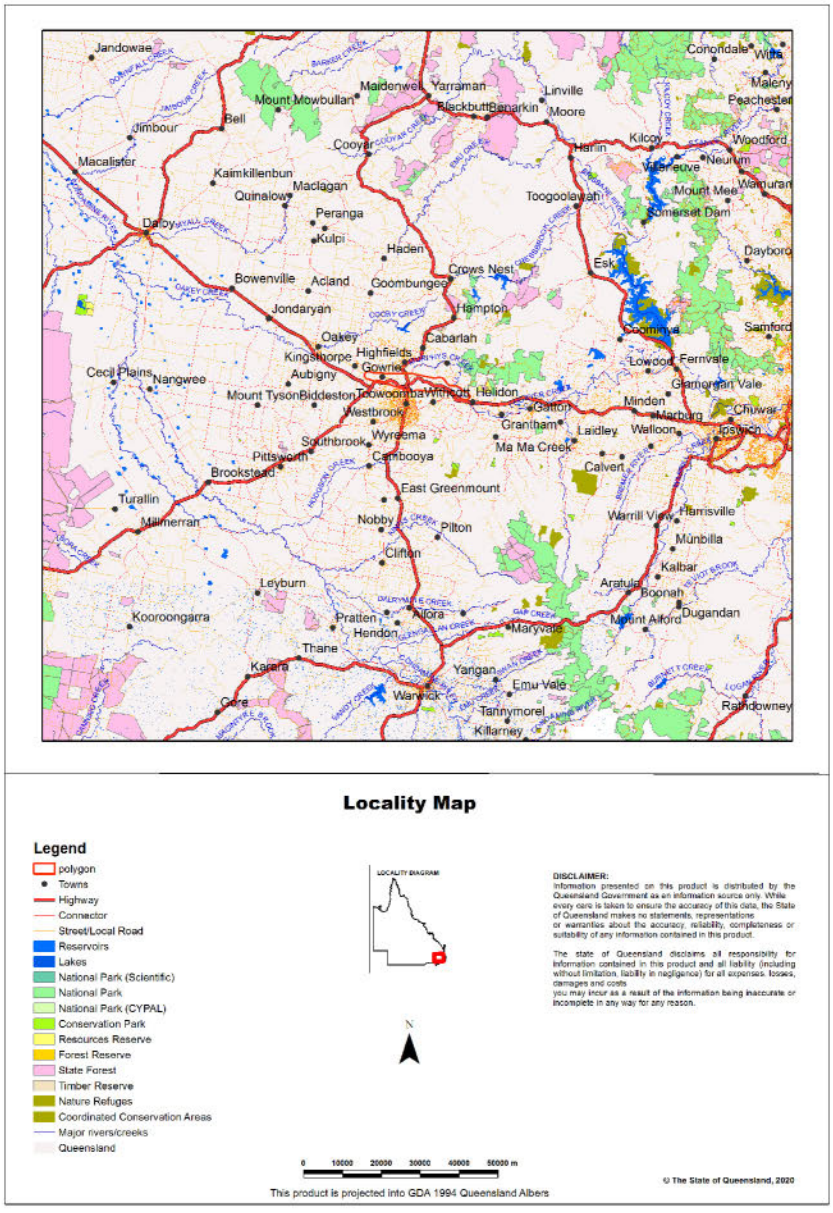
Assessment Area Details

The following table provides an overview of the area of interest (AOI) with respect to selected topographic and environmental values.

Table 1: Summary table, details for AOI

Size (ha)	7,965.7
Local Government(s)	Lockyer Valley Regional, Toowoomba Regional
Bioregion(s)	Brigalow Belt, Southeast Queensland
Subregion(s)	Moreton Basin, Eastern Darling Downs
Catchment(s)	Balonne-Condamine, Brisbane



Matters of State Environmental Significance (MSES)

MSES Categories

Queensland's State Planning Policy (SPP) includes a biodiversity State interest that states:

'The sustainable, long-term conservation of biodiversity is supported. Significant impacts on matters of national or state environmental significance are avoided, or where this cannot be reasonably achieved; impacts are minimised and residual impacts offset.'

The MSES mapping product is a guide to assist planning and development assessment decision-making. Its primary purpose is to support implementation of the SPP biodiversity policy. While it supports the SPP, the mapping does not replace the regulatory mapping or environmental values specifically called up under other laws or regulations. Similarly, the SPP biodiversity policy does not override or replace specific requirements of other Acts or regulations.

The SPP defines matters of state environmental significance as:

- Protected areas (including all classes of protected area except coordinated conservation areas) under the *Nature Conservation Act 1992* ;

- Marine parks and land within a 'marine national park', 'conservation park', 'scientific research', 'preservation' or 'buffer' zone under the *Marine Parks Act 2004* ;

- Areas within declared fish habitat areas that are management A areas or management B areas under the Fisheries Regulation 2008;

- Threatened wildlife under the *Nature Conservation Act 1992* and special least concern animals under the Nature Conservation (Wildlife) Regulation 2006;

- Regulated vegetation under the *Vegetation Management Act 1999* that is:

    • Category B areas on the regulated vegetation management map, that are 'endangered' or 'of concern' regional ecosystems;

    • Category C areas on the regulated vegetation management map that are 'endangered' or 'of concern' regional ecosystems;

    • Category R areas on the regulated vegetation management map;

    • Regional ecosystems that intersect with watercourses identified on the vegetation management watercourse and drainage feature map;

    • Regional ecosystems that intersect with wetlands identified on the vegetation management wetlands map;

- Strategic Environmental Areas under the *Regional Planning Interests Act 2014* ;

- Wetlands in a wetland protection area of wetlands of high ecological significance shown on the Map of Queensland Wetland Environmental Values under the Environment Protection Regulation 2019;

- Wetlands and watercourses in high ecological value waters defined in the Environmental Protection (Water) Policy 2009, schedule 2;

- Legally secured offset areas.

MSES Values Present

The MSES values that are present in the area of interest are summarised in the table below:

Table 2: Summary of MSES present within the AOI

1a Protected Areas- estates	0.0 ha	0.0 %
1b Protected Areas- nature refuges	0.0 ha	0.0 %
2 State Marine Parks- highly protected zones	0.0 ha	0.0 %
3 Fish habitat areas (A and B areas)	0.0 ha	0.0 %
4 Strategic Environmental Areas (SEA)	0.0 ha	0.0 %
5 High Ecological Significance wetlands on the map of Referable Wetlands	0.0 ha	0.0 %
6a High Ecological Value (HEV) wetlands	5.57 ha	0.1%
6b High Ecological Value (HEV) waterways **	4.5 km	Not applicable
7a Threatened (endangered or vulnerable) wildlife	2069.83 ha	26.0%
7b Special least concern animals	623.72 ha	7.8%
7c i Koala habitat area - core (SEQ)	3017.94 ha	37.9%
7c ii Koala habitat area - locally refined (SEQ)	0.0 ha	0.0 %
8a Regulated Vegetation - Endangered/Of concern in Category B (remnant)	1348.98 ha	16.9%
8b Regulated Vegetation - Endangered/Of concern in Category C (regrowth)	913.32 ha	11.5%
8c Regulated Vegetation - Category R (GBR riverine regrowth)	0.0 ha	0.0 %
8d Regulated Vegetation - Essential habitat	3371.56 ha	42.3%
8e Regulated Vegetation - intersecting a watercourse **	182.9 km	Not applicable
8f Regulated Vegetation - within 100m of a Vegetation Management Wetland	0.0 ha	0.0 %
9a Legally secured offset areas- offset register areas	0.0 ha	0.0 %
9b Legally secured offset areas- vegetation offsets through a Property Map of Assessable Vegetation	0.0 ha	0.0 %

Additional Information with Respect to MSES Values Present

MSES - State Conservation Areas

1a. Protected Areas - estates

(no results)

1b. Protected Areas - nature refuges

(no results)

2. State Marine Parks - highly protected zones

(no results)

3. Fish habitat areas (A and B areas)

(no results)

Refer to **Map 1 - MSES - State Conservation Areas** for an overview of the relevant MSES.

MSES - Wetlands and Waterways

4. Strategic Environmental Areas (SEA)

(no results)

5. High Ecological Significance wetlands on the Map of Queensland Wetland Environmental Values

(no results)

6a. Wetlands in High Ecological Value (HEV) waters

Natural wetlands that occur in HEV (maintain) freshwater and estuarine areas under the Environmental Protection (water) Policy are present.

6b. Waterways in High Ecological Value (HEV) waters

Natural waterways that occur in HEV (maintain) freshwater and estuarine areas under the Environmental Protection (water) Policy are present.

Refer to **Map 2 - MSES - Wetlands and Waterways** for an overview of the relevant MSES.

MSES - Species

7a. Threatened (endangered or vulnerable) wildlife

Values are present

7b. Special least concern animals

Values are present

7c i. Koala habitat area - core (SEQ)

Values are present

7c ii. Koala habitat area - locally refined (SEQ)

Not applicable

Threatened (endangered or vulnerable) wildlife habitat suitability models

Species	Common name	NCA status	Presence
Boronia keysii		V	None
Calyptorhynchus lathami	Glossy black cockatoo	V	Core
Casuarius casuarius johnsonii	Sthn population cassowary	E	None
Crinia tinnula	Wallum froglet	V	None
Denisonia maculata	Ornamental snake	V	None
Litoria freycineti	Wallum rocketfrog	V	None
Litoria olongburensis	Wallum sedgefrog	V	None
Melaleuca irbyana		E	None
Petaurus gracilis	Mahogany Glider	E	None
Petrogale persephone	Proserpine rock-wallaby	E	None
Phascolarctos cinereus	Koala - outside SEQ*	V	None
Pezoporus wallicus wallicus	Eastern ground parrot	V	None
Taudactylus Pleione	Kroombit tinkerfrog	E	None
Xeromys myoides	Water Mouse	V	None

**For koala model, this includes areas outside SEQ. Check 7c SEQ koala habitat for presence/absence.*

Threatened (endangered or vulnerable) wildlife species records

Scientific name	Common name	NCA status	EPBC status	Migratory status
Adelotus brevis	tusked frog	V		
Delma torquata	collared delma	V	V	
Sophora fraseri	brush sophora	V	V	
Sarcochilus weinthalii	blotched sarcochilus	E	V	
Bothriochloa bunyensis	Bunya Mountains bluegrass	V	V	
Picris evae		V	V	
Cyperus clarus		V		
Rhaponticum australe		V	V	
Grantiella picta	painted honeyeater	V	V	PM
Rostratula australis	Australian painted snipe	E	E	
Geophaps scripta scripta	squatter pigeon (southern subspecies)	V	V	
Ninox strenua	powerful owl	V		
Petrogale penicillata	brush-tailed rock-wallaby	V	V	

Scientific name	Common name	NCA status	EPBC status	Migratory status
Jalmenus eubulus	pale imperial hairstreak	V		
Grevillea quadricauda		V	V	

Special least concern animal species records

Scientific name	Common name	Migratory status
Tachyglossus aculeatus	short-beaked echidna	
Ornithorhynchus anatinus	platypus	
Gallinago hardwickii	Latham's snipe	M-J/R/B/E
Actitis hypoleucos	common sandpiper	M-C/J/R/B/E
Tringa stagnatilis	marsh sandpiper	M-C/J/R/B/E
Calidris acuminata	sharp-tailed sandpiper	M-C/J/R/B/E
Calidris ruficollis	red-necked stint	M-C/J/R/B/E
Pluvialis fulva	Pacific golden plover	M-C/J/R/B/E
Numenius phaeopus	whimbrel	M-C/J/R/B/E
Limosa limosa	black-tailed godwit	M-C/J/R/B/E
Tringa nebularia	common greenshank	M-C/J/R/B/E

**Nature Conservation Act 1992 (NCA) Status- Endangered (E), Vulnerable (V) or Special Least Concern Animal (SL). Environment Protection and Biodiversity Conservation Act 1999 (EPBC) status: Critically Endangered (CE) Endangered (E), Vulnerable (V)*

Migratory status (M) - China and Australia Migratory Bird Agreement (C), Japan and Australia Migratory Bird Agreement (J), Republic of Korea and Australia Migratory Bird Agreement (R), Bonn Migratory Convention (B), Eastern Flyway (E)

To request a species list for an area, or search for a species profile, access Wildlife Online at:
https://www.qld.gov.au/environment/plants-animals/species-list/

Refer to **Map 3a - MSES - Species - Threatened (endangered or vulnerable) wildlife and special least concern animals** and **Map 3b - MSES - Species - Koala habitat area (SEQ)** for an overview of the relevant MSES.

MSES - Regulated Vegetation

For further information relating to regional ecosystems in general, go to:
https://www.qld.gov.au/environment/plants-animals/plants/ecosystems/
For a more detailed description of a particular regional ecosystem, access the regional ecosystem search page at:
https://environment.ehp.qld.gov.au/regional-ecosystems/

8a. Regulated Vegetation - Endangered/Of concern in Category B (remnant)

Regional ecosystem	Vegetation management polygon	Vegetation management status
12.3.7/12.9-10.7	O-subdom	rem_oc
12.9-10.7/12.9-10.2	O-dom	rem_oc
12.9-10.7/12.9-10.3	O-dom	rem_oc
12.9-10.7	O-dom	rem_oc

Regional ecosystem	Vegetation management polygon	Vegetation management status
12.3.7/12.3.3	E-subdom	rem_end
12.9-10.2/12.9-10.3	O-subdom	rem_oc
12.8.21	E-dom	rem_end
12.9-10.15	E-dom	rem_end
12.8.21/12.8.9	E-dom	rem_end
11.3.21	E-dom	rem_end
12.9-10.7/12.9-10.15	E-subdom	rem_end
12.9-10.2/12.9-10.7	O-subdom	rem_oc
12.9-10.17a/12.9-10.7	O-subdom	rem_oc
12.9-10.15/12.9-10.7	E-dom	rem_end
12.9-10.2/12.3.3	E-subdom	rem_end
12.8.14a/12.8.24	E-subdom	rem_end
12.9-10.7/12.9-10.2/12.9-10.3	O-dom	rem_oc
12.8.9/12.8.21	E-subdom	rem_end
12.3.3/12.3.3d	E-dom	rem_end
12.9-10.15/12.3.7	E-dom	rem_end
11.8.11	O-dom	rem_oc
12.9-10.7/12.9-10.2/12.9-10.15	E-subdom	rem_end

8b. Regulated Vegetation - Endangered/Of concern in Category C (regrowth)

Regional ecosystem	Vegetation management polygon	Vegetation management status
12.9-10.7	O-dom	hvr_oc
12.3.3/12.3.7	E-dom	hvr_end
12.9-10.2/12.9-10.5a/12.9-10.7	O-subdom	hvr_oc
12.8.14a/12.8.24	E-subdom	hvr_end
12.3.3	E-dom	hvr_end
12.9-10.7/12.9-10.2	O-dom	hvr_oc
12.9-10.7/12.9-10.2/12.9-10.15	E-subdom	hvr_end
12.9-10.2/12.9-10.3	O-subdom	hvr_oc
12.8.21/12.8.9	E-dom	hvr_end
12.3.7/12.3.3	E-subdom	hvr_end
12.9-10.7/12.9-10.15	E-subdom	hvr_end
12.9-10.7/12.9-10.3	O-dom	hvr_oc
12.3.7/12.9-10.7	O-subdom	hvr_oc
12.9-10.7/12.9-10.2/12.9-10.3	O-dom	hvr_oc
12.9-10.15/12.9-10.7	E-dom	hvr_end
12.9-10.15/12.3.7	E-dom	hvr_end
12.9-10.2/12.9-10.3/12.9-10.7	O-subdom	hvr_oc
11.8.11	O-dom	hvr_oc

Regional ecosystem	Vegetation management polygon	Vegetation management status
12.5.6/12.5.6a	E-dom	hvr_end
12.9-10.2/12.9-10.7	O-subdom	hvr_oc

8c. Regulated Vegetation - Category R (GBR riverine regrowth)

Not applicable

8d. Regulated Vegetation - Essential habitat

Values are present

8e. Regulated Vegetation - intersecting a watercourse**

A vegetation management watercourse is mapped as present

8f. Regulated Vegetation - within 100m of a Vegetation Management wetland

Not applicable

Refer to **Map 4 - MSES - Regulated Vegetation** for an overview of the relevant MSES.

MSES - Offsets

9a. Legally secured offset areas - offset register areas

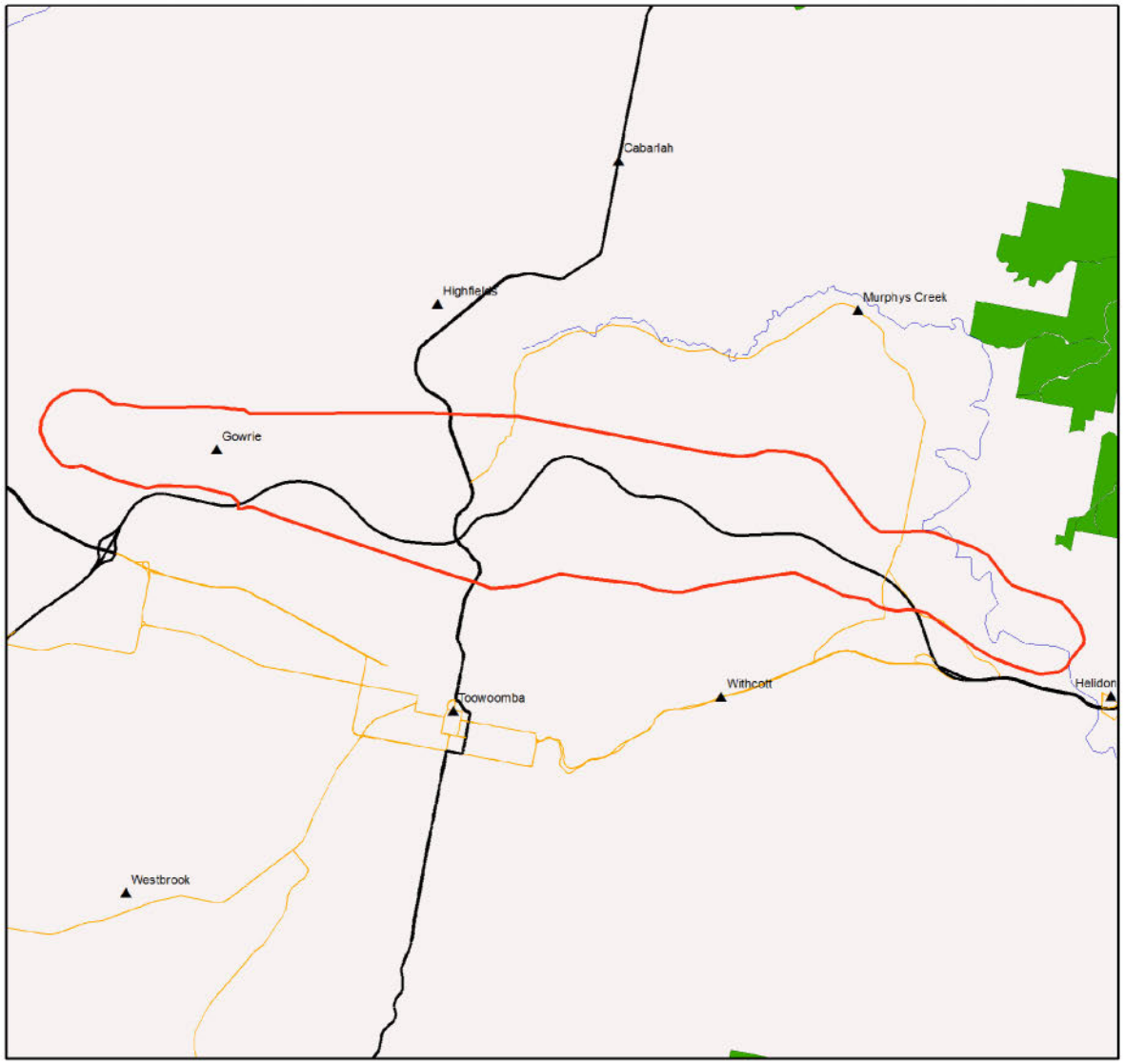
(no results)

9b. Legally secured offset areas - vegetation offsets through a Property Map of Assessable Vegetation

(no results)

Refer to **Map 5 - MSES - Offset Areas** for an overview of the relevant MSES.

Map 1 - MSES - State Conservation Areas

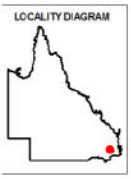


MSES - State Conservation Areas

Area of Interest

- polygon
- Towns
- Freeways/Highways
- Secondary roads
- Major rivers/creeks
- Protected area (estates)
- Declared fish habitat area (A and B areas)
- Marine park (highly protected)

LOCALITY DIAGRAM



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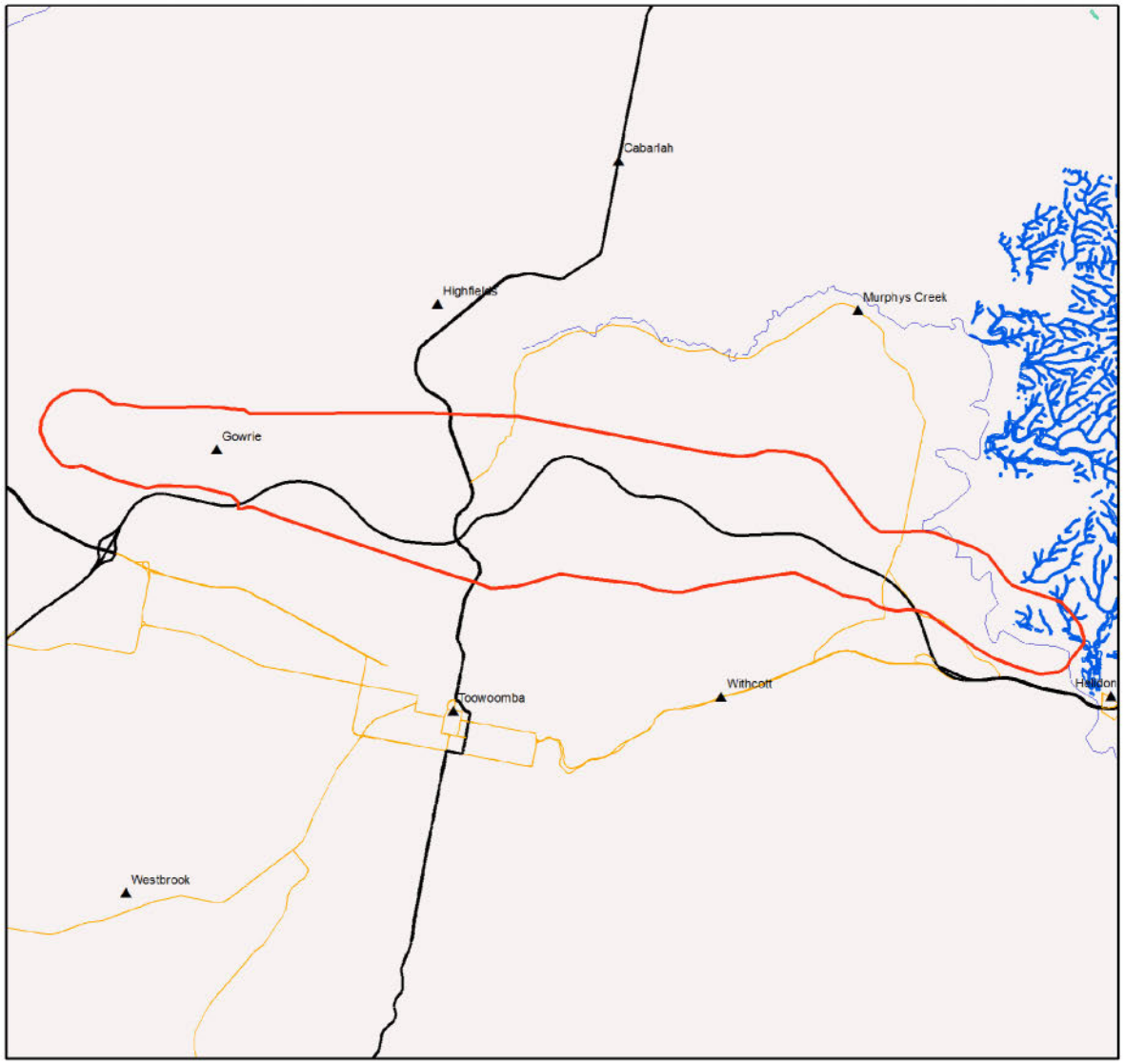
Map 2 - MSES - Wetlands and Waterways

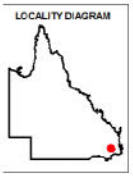


MSES - Wetlands and Waterways

Area of Interest

- polygon
- Towns
- Freeways/Highways
- Secondary roads
- Major rivers/creeks
- Declared high ecological value waters (watercourse)
- Strategic environmental area (designated precinct)
- Declared high ecological value waters (wetland)
- High ecological significance wetlands

LOCALITY DIAGRAM



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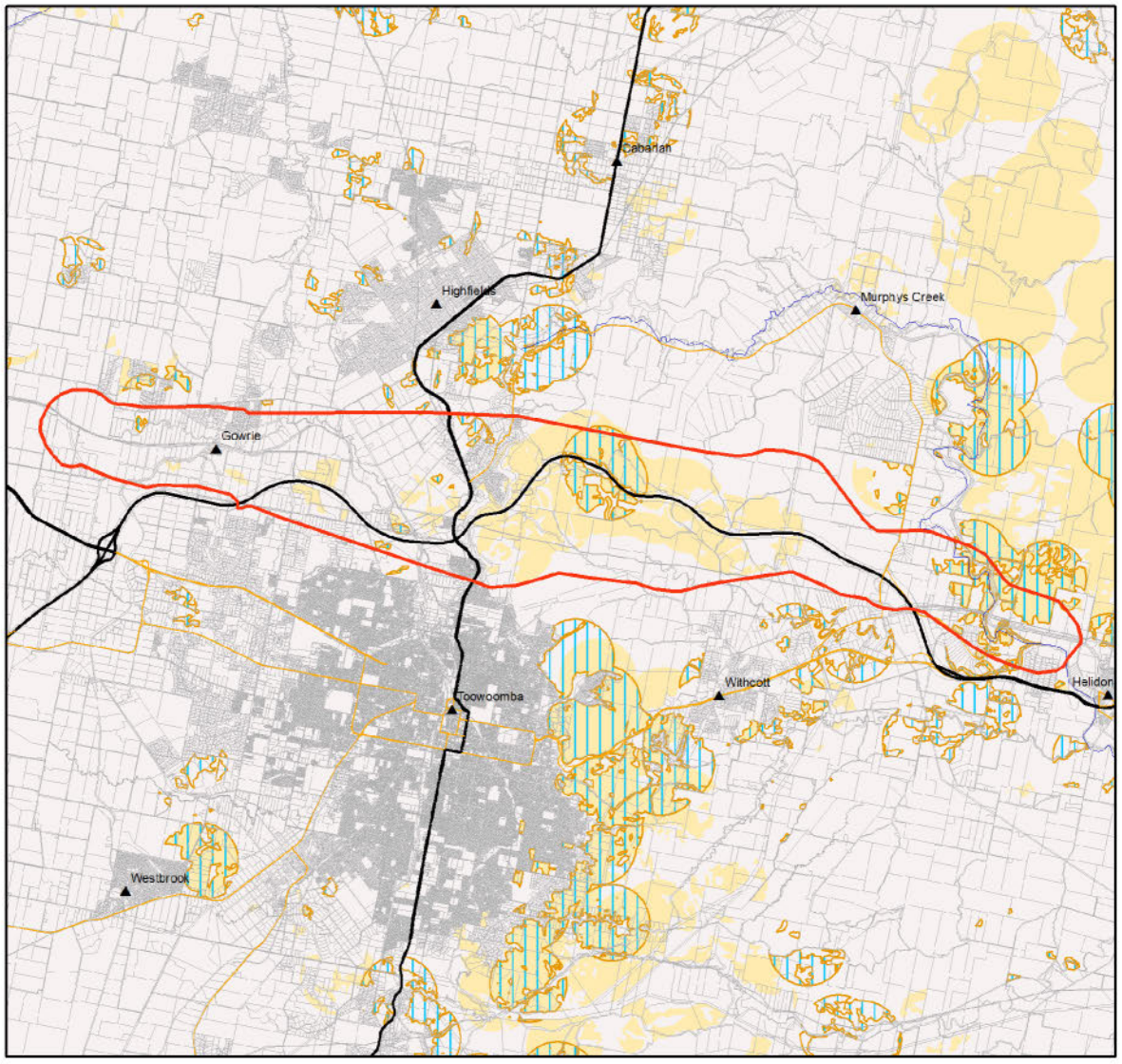
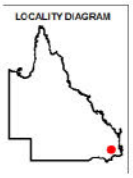
Map 3a - MSES - Species - Threatened (endangered or vulnerable) wildlife and special least concern animals



MSES - Species
Threatened (endangered or vulnerable) wildlife and special least concern animals

Area of Interest

- polygon
- Towns
- Freeways/Highways
- Secondary roads
- Major rivers/creeks
- Wildlife habitat (special least concern)
- Wildlife habitat (endangered or vulnerable)



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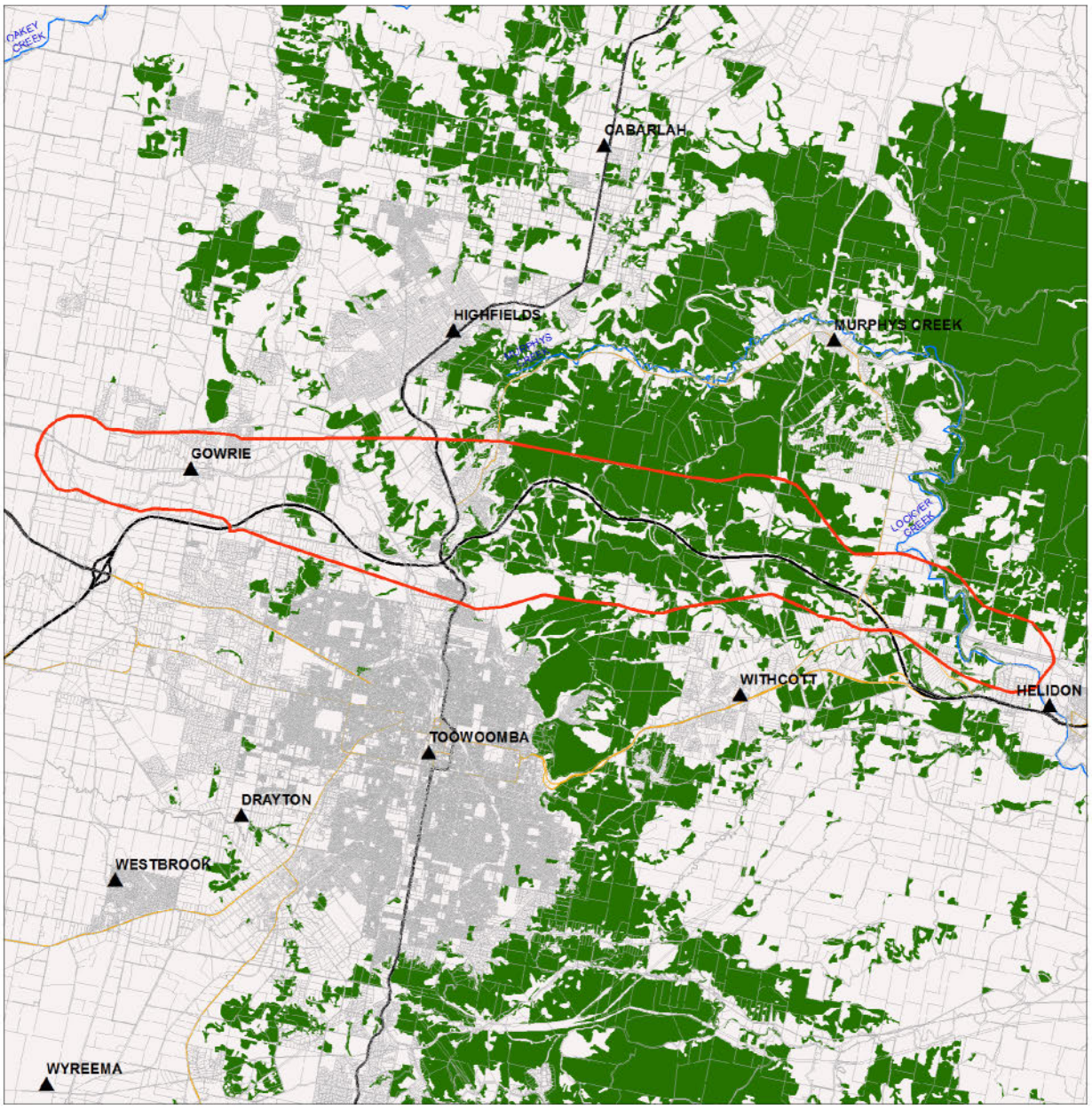
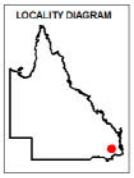
Map 3b - MSES - Species - Koala habitat area (SEQ)



MSES - Species
Koala habitat area (SEQ)

Area of Interest
- polygon
- Towns
- Freeways/Highways
- Secondary roads
- Major rivers/creeks
- Koala habitat area (core)
- Koala habitat area (locally refined)

LOCALITY DIAGRAM



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The represented layers for SEQ 'koala habitat area-core' and 'koala habitat area- locally refined' in MSES are sourced directly from the regulatory mapping under the Nature Conservation (Koala) Conservation Plan 2017. Whilst every effort is made to ensure the information remains current, there may be delays between updating versions. Please refer to the original mapping for the most recent version. See https://environment.des.qld.gov.au/wildlife/animals/living-with/koalas/mapping

The koala habitat mapping within South East Queensland uses regional ecosystem linework compiled at a scale varying from 1:25,000 to 1:100,000. Linework should be used as a guide only. The positional accuracy of regional ecosystem data mapped at a scale of 1:100,000 is +/- 100 metres.

0 1,500 3,000 4,500 6,000 7,500 m

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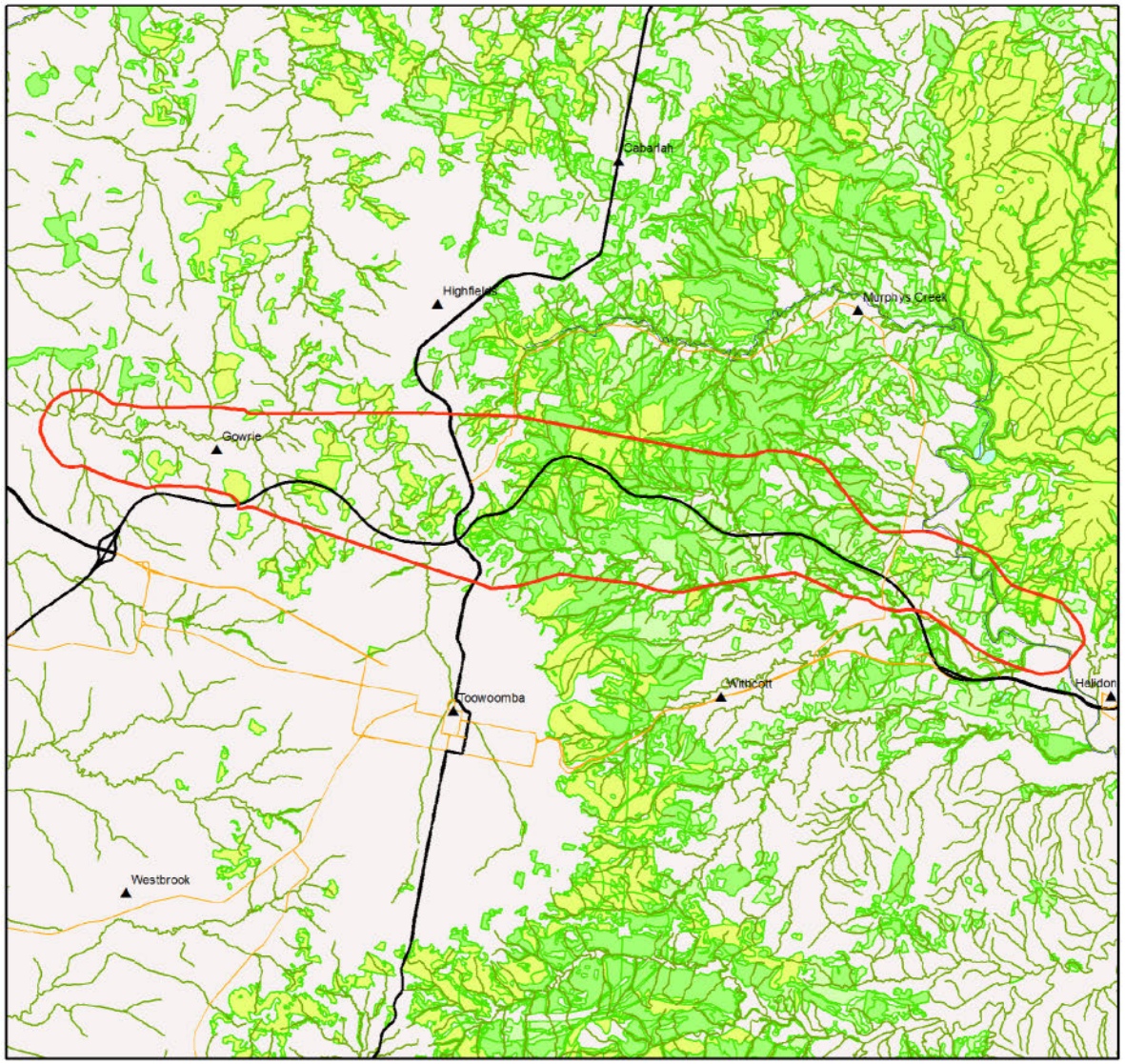
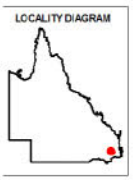
Map 4 - MSES - Regulated Vegetation



MSES - Regulated Vegetation

Area of Interest
- polygon
- Towns
- Freeways/Highways
- Secondary roads
- Major rivers/creeks
- Regulated vegetation (intersecting a watercourse)
- Regulated vegetation (100m from wetland)
- Regulated vegetation (category B - endangered or of concern)
- Regulated vegetation (category C - endangered or of concern)
- Regulated vegetation (category R - GBR riverine)
- Regulated vegetation (essential habitat)

LOCALITY DIAGRAM



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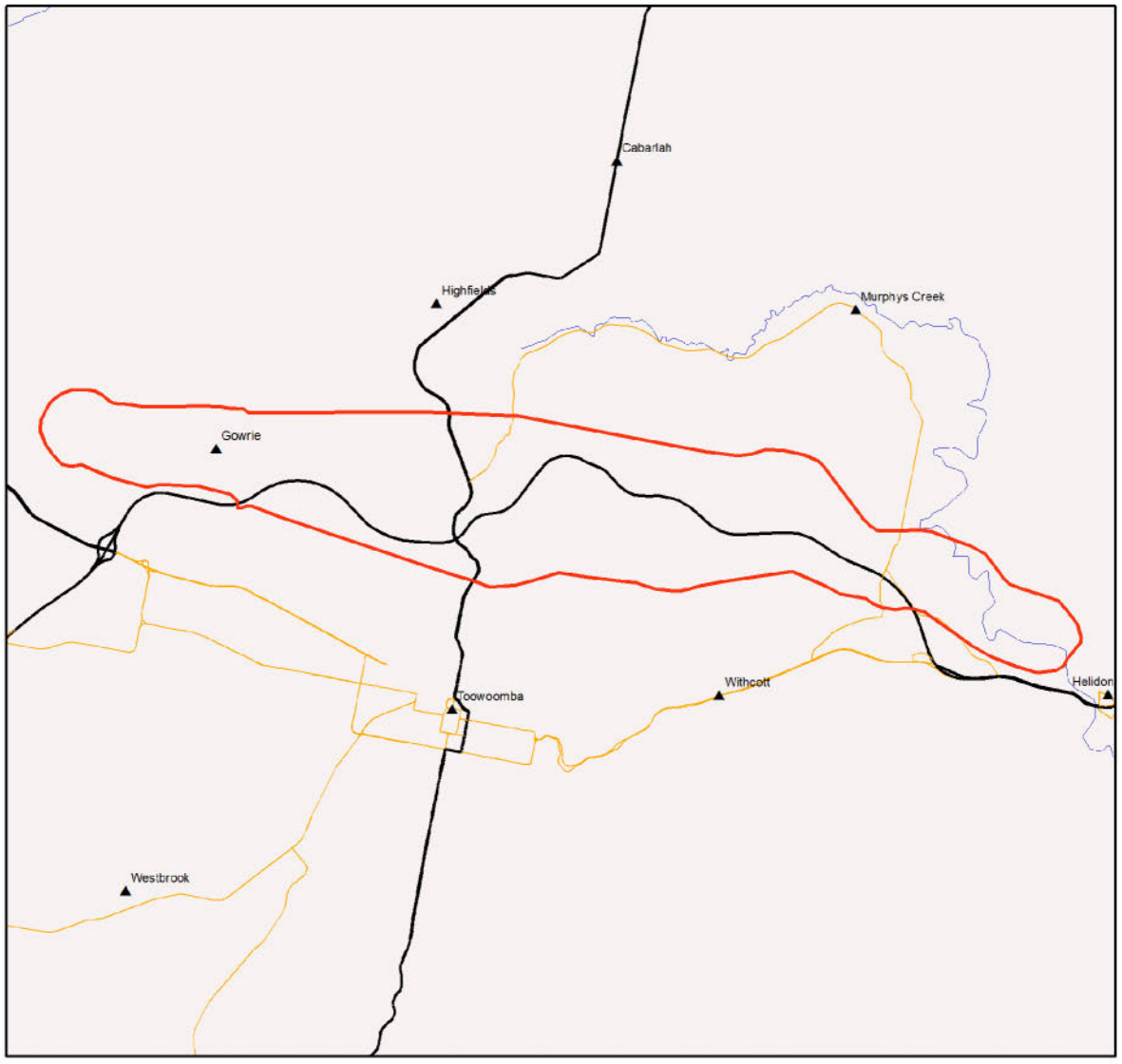
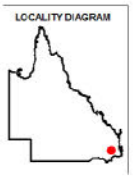
Map 5 - MSES - Offset Areas



MSES - Offsets

Area of Interest

- polygon
- Towns
- Freeways/Highways
- Secondary roads
- Major rivers/creeks
- Legally secured offset area (offset register)
- Legally secured offset area (vegetation offsets)



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0 1500 3000 4500 6000 7500 m

This product is projected into GDA 1994 Queensland Albers

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Appendices

Appendix 1 - Matters of State Environmental Significance (MSES) methodology

MSES mapping is a regional-scale representation of the definition for MSES under the State Planning Policy (SPP). The compiled MSES mapping product is a guide to assist planning and development assessment decision-making. Its primary purpose is to support implementation of the SPP biodiversity policy. While it supports the SPP, the mapping does not replace the regulatory mapping or environmental values specifically called up under other laws or regulations. Similarly, the SPP biodiversity policy does not override or replace specific requirements of other Acts or regulations.

The Queensland Government's "Method for mapping - matters of state environmental significance for use in land use planning and development assessment" can be downloaded from:

http://www.ehp.qld.gov.au/land/natural-resource/method-mapping-mses.html .

Appendix 2 - Source Data

The datasets listed below are available on request from:

http://qldspatial.information.qld.gov.au/catalogue/custom/index.page

- Matters of State environmental significance

Note: MSES mapping is not based on new or unique data. The primary mapping product draws data from a number of underlying environment databases and geo-referenced information sources. MSES mapping is a versioned product that is updated generally on a twice-yearly basis to incorporate the changes to underlying data sources. Several components of MSES mapping made for the current version may differ from the current underlying data sources. To ensure accuracy, or proper representation of MSES values, it is strongly recommended that users refer to the underlying data sources and review the current definition of MSES in the State Planning Policy, before applying the MSES mapping.

Individual MSES layers can be attributed to the following source data available at QSpatial:

MSES layers	**current QSpatial data (http://qspatial.information.qld.gov.au)**
Protected Areas-Estates and Nature Refuges	- Protected areas of Queensland - Nature Refuges - Queensland
Marine Park-Highly Protected Zones	Moreton Bay marine park zoning 2008
Fish Habitat Areas	Queensland fish habitat areas
Strategic Environmental Areas-designated	Regional Planning Interests Act - Strategic Environmental Areas
HES wetlands	Map of Queensland Wetland Environmental Values
Wetlands in HEV waters	HEV waters: - EPP Water (multiple locations) intent for waters Source Wetlands: - Queensland Wetland Mapping (Current version 4, 2015) Source Watercourses: - Vegetation management watercourse and drainage feature map (1:100000 and 1:250000)
Wildlife habitat (threatened and special least concern)	-WildNet database species records - habitat suitability models (various) - SEQ koala habitat areas under the Koala Conservation Plan 2019
VMA regulated regional ecosystems	Vegetation management regional ecosystem and remnant map
VMA Essential Habitat	Vegetation management - essential habitat map
VMA Wetlands	Vegetation management wetlands map
Legally secured offsets	Vegetation Management Act property maps of assessable vegetation. For offset register data-contact DES
Regulated Vegetation Map	Vegetation management - regulated vegetation management map

Appendix 3 - Acronyms and Abbreviations

AOI	- Area of Interest
DES	- Department of Environment and Science
EP Act	- *Environmental Protection Act 1994*
EPP	- Environmental Protection Policy
GDA94	- Geocentric Datum of Australia 1994
GEM	- General Environmental Matters
GIS	- Geographic Information System
MSES	- Matters of State Environmental Significance
NCA	- *Nature Conservation Act 1992*
RE	- Regional Ecosystem
SPP	- State Planning Policy
VMA	- *Vegetation Management Act 1999*

Atlas of Living Australia flora and fauna species records within the Ecology Study area

Accessed: 13th March 2020, 09:29 AEDT

Kingdom	Family	Common Name	Vernacular Name	NCA status	EPBC status
Animalia	Acanthizidae	Gerygone fusca	Western Gerygone	C	
Animalia	Acanthizidae	Gerygone mouki	Brown Gerygone	C	
Animalia	Acanthizidae	Gerygone olivacea	White-Throated Gerygone	C	
Animalia	Acanthizidae	Smicrornis brevirostris	Weebill	C	
Animalia	Accipitridae	Circus approximans	Swamp Harrier	C	
Animalia	Accipitridae	Circus assimilis	Spotted Harrier	C	
Animalia	Accipitridae	Elanus axillaris	Black-Shouldered Kite	C	
Animalia	Accipitridae	Haliastur indus	Brahminy Kite	C	
Animalia	Accipitridae	Haliastur sphenurus	Whistling Kite	C	
Animalia	Accipitridae	Lophoictinia isura	Square-Tailed Kite	C	
Animalia	Accipitridae	Milvus migrans	Black Kite	C	
Animalia	Agamidae	Amphibolurus muricatus	Jacky Lizard	C	
Animalia	Agamidae	Intellagama lesueurii	Water Dragon	C	
Animalia	Agamidae	Pogona barbata	Bearded Dragon	C	
Animalia	Alcedinidae	Ceyx azureus	Azure Kingfisher	C	
Animalia	Anatidae	Biziura lobata	Musk Duck	C	
Animalia	Anatidae	Chenonetta jubata	Australian Wood Duck	C	
Animalia	Anatidae	Malacorhynchus membranaceus	Pink-Eared Duck	C	
Animalia	Anatidae	Stictonetta naevosa	Freckled Duck	C	
Animalia	Anhingidae	Anhinga novaehollandiae	Australasian Darter	C	
Animalia	Anseranatidae	Anseranas semipalmata	Magpie Goose	C	
Animalia	Ardeidae	Ardea alba modesta		C	
Animalia	Ardeidae	Egretta garzetta	Little Egret	C	
Animalia	Ardeidae	Egretta novaehollandiae	White-Faced Heron	C	
Animalia	Ardeidae	Ixobrychus dubius	Australian Little Bittern	C	
Animalia	Ardeidae	Nycticorax caledonicus	Nankeen Night-Heron	C	
Animalia	Artamidae	Cracticus nigrogularis	Pied Butcherbird	C	
Animalia	Artamidae	Cracticus torquatus	Grey Butcherbird	C	
Animalia	Artamidae	Gymnorhina tibicen	Australian Magpie	C	

Kingdom	Family	Common Name	Vernacular Name	NCA status	EPBC status
Animalia	Brachytronidae	Dendroaeschna conspersa			
Animalia	Bufonidae	Rhinella marina	Cane Toad		
Animalia	Cacatuidae	Eolophus roseicapilla	Galah	C	
Animalia	Cacatuidae	Nymphicus hollandicus	Cockatiel	C	
Animalia	Camaenidae	Pallidelix bennetti	Bennett's Woodland Snail		
Animalia	Canidae	Vulpes vulpes	Fox		
Animalia	Carphodactylidae	Underwoodisaurus milii	Thick-Tailed Gecko	C	
Animalia	Charadriidae	Elseyornis melanops	Black-Fronted Dotterel	C	
Animalia	Charadriidae	Erythrogonys cinctus	Red-Kneed Dotterel	C	
Animalia	Climacteridae	Cormobates leucophaea metastasis		C	
Animalia	Coenagrionidae	Xanthagrion erythroneurum			
Animalia	Colubridae	Dendrelaphis punctulatus	Common Tree Snake	C	
Animalia	Columbidae	Chalcophaps indica	Emerald Dove	C	
Animalia	Columbidae	Geopelia humeralis	Bar-Shouldered Dove	C	
Animalia	Columbidae	Geopelia striata	Peaceful Dove	C	
Animalia	Columbidae	Leucosarcia melanoleuca	Wonga Pigeon	C	
Animalia	Columbidae	Macropygia amboinensis		C	
Animalia	Columbidae	Ocyphaps lophotes	Crested Pigeon	C	
Animalia	Coraciidae	Eurystomus orientalis	Eastern Broad-Billed Roller	C	
Animalia	Corcoracidae	Corcorax melanorhamphos	White-Winged Chough	C	
Animalia	Corcoracidae	Struthidea cinerea	Apostlebird	C	
Animalia	Corduliidae	Hemicordulia australiae			
Animalia	Corduliidae	Hemicordulia tau			
Animalia	Corvidae	Corvus orru	Torresian Crow	C	
Animalia	Cuculidae	Chalcites basalis	Horsfield's Bronze-Cuckoo	C	
Animalia	Cuculidae	Chalcites lucidus	Shining Bronze-Cuckoo	C	
Animalia	Cuculidae	Eudynamys orientalis	Pacific Koel	C	
Animalia	Cuculidae	Scythrops novaehollandiae	Channel-Billed Cuckoo	C	
Animalia	Dasyuridae	Planigale maculata	Common Planigale	C	
Animalia	Diplodactylidae	Nebulifera robusta	Robust Velvet Gecko	C	
Animalia	Elapidae	Cacophis squamulosus	Golden-Crowned Snake	C	

Kingdom	Family	Common Name	Vernacular Name	NCA status	EPBC status
Animalia	Elapidae	Demansia psammophis	Yellow-Faced Whip Snake	C	
Animalia	Elapidae	Parasuta dwyeri	Dwyer's Snake	C	
Animalia	Elapidae	Pseudechis porphyriacus	Red-Bellied Black Snake	C	
Animalia	Eleotridae	Hypseleotris galii	Firetail Gudgeon		
Animalia	Estrildidae	Taeniopygia guttata	Zebra Finch	C	
Animalia	Felidae	Felis catus	Cat		
Animalia	Hesperiidae	Neohesperilla xanthomera	Xanthomera Skipper		
Animalia	Hirundinidae	Cheramoeca leucosterna	White-Backed Swallow	C	
Animalia	Hylidae	Litoria fallax	Eastern Dwarf Tree Frog	C	
Animalia	Hylidae	Litoria rubella	Little Red Tree Frog	C	
Animalia	Jacanidae	Irediparra gallinacea	Comb-Crested Jacana	C	
Animalia	Laridae	Hydroprogne caspia	Caspian Tern	SL	
Animalia	Leporidae	Lepus europaeus			
Animalia	Leporidae	Oryctolagus cuniculus	Rabbit		
Animalia	Lestidae	Austrolestes leda			
Animalia	Libellulidae	Orthetrum caledonicum			
Animalia	Limnodynastidae	Limnodynastes salmini	Salmon Striped Frog	C	
Animalia	Limnodynastidae	Platyplectrum ornatum	Ornate Burrowing Frog	C	
Animalia	Lycaenidae	Candalides erinus erinus	Small Dusky Blue		
Animalia	Lycaenidae	Hypochrysops ignitus ignitus	Fiery Jewel		
Animalia	Macropodidae	Macropus giganteus	Eastern Grey Kangaroo	C	
Animalia	Macropodidae	Macropus rufogriseus		C	
Animalia	Macropodidae	Petrogale penicillata	Brush-Tailed Rock-Wallaby	V	V
Animalia	Macropodidae	Wallabia bicolor	Swamp Wallaby	C	
Animalia	Megaluridae	Megalurus timoriensis	Tawny Grassbird	C	
Animalia	Megapodagrionidae	Austroargiolestes icteromelas nigrolabiatus			
Animalia	Megapodiidae	Alectura lathami	Australian Brush-Turkey	C	
Animalia	Meliphagidae	Acanthagenys rufogularis	Spiny-Cheeked Honeyeater	C	
Animalia	Meliphagidae	Acanthorhynchus tenuirostris	Eastern Spinebill	C	
Animalia	Meliphagidae	Caligavis chrysops	Yellow-Faced Honeyeater	C	
Animalia	Meliphagidae	Entomyzon cyanotis	Blue-Faced Honeyeater	C	

Kingdom	Family	Common Name	Vernacular Name	NCA status	EPBC status
Animalia	Meliphagidae	Gavicalis virescens	Singing Honeyeater	C	
Animalia	Meliphagidae	Grantiella picta	Painted Honeyeater	V	V
Animalia	Meliphagidae	Plectorhyncha lanceolata	Striped Honeyeater	C	
Animalia	Meliphagidae	Ptilotula fusca	Fuscous Honeyeater	C	
Animalia	Meliphagidae	Ptilotula penicillata	White-Plumed Honeyeater	C	
Animalia	Monarchidae	Grallina cyanoleuca	Magpie-Lark	C	
Animalia	Muridae	Mus musculus	House Mouse		
Animalia	Muridae	Pseudomys gracilicaudatus	Eastern Chestnut Mouse	C	
Animalia	Muridae	Rattus rattus	Black Rat		
Animalia	Muridae	Rattus tunneyi	Pale Field-Rat	C	
Animalia	Myobatrachidae	Crinia signifera	Common Froglet	C	
Animalia	Myobatrachidae	Mixophyes fasciolatus	Great Barred Frog	C	
Animalia	Nymphalidae	Danaus plexippus	Monarch		
Animalia	Nymphalidae	Phaedyma shepherdi shepherdi	Common Aeroplane		
Animalia	Oriolidae	Sphecotheres vieilloti	Australasian Figbird	C	
Animalia	Ornithorhynchidae	Ornithorhynchus anatinus	Platypus	SL	
Animalia	Pachycephalidae	Falcunculus frontatus	Crested Shrike-Tit	C	
Animalia	Papilionidae	Graphium choredon	Blue Fanny		
Animalia	Parastacidae	Cherax destructor	Yabby		
Animalia	Peramelidae	Isoodon macrourus	Northern Brown Bandicoot	C	
Animalia	Peramelidae	Perameles nasuta		C	
Animalia	Petauridae	Petaurus breviceps	Sugar Glider	C	
Animalia	Petauridae	Petaurus norfolcensis	Squirrel Glider	C	
Animalia	Phalacrocoracidae	Microcarbo melanoleucos	Little Pied Cormorant	C	
Animalia	Phalangeridae	Trichosurus vulpecula	Common Brushtail Possum	C	
Animalia	Phascolarctidae	Phascolarctos cinereus	Koala	V	V
Animalia	Pieridae	Belenois java teutonia	Caper White		
Animalia	Pieridae	Eurema hecabe	Large Grass-Yellow		
Animalia	Pieridae	Pieris rapae	Cabbage White Butterfly		
Animalia	Podargidae	Podargus strigoides	Tawny Frogmouth	C	
Animalia	Podicipedidae	Podiceps cristatus	Great Crested Grebe	C	
Animalia	Podicipedidae	Poliocephalus poliocephalus	Hoary-Headed Grebe	C	
Animalia	Poeciliidae	Gambusia holbrooki	Eastern Gambusia		

Kingdom	Family	Common Name	Vernacular Name	NCA status	EPBC status
Animalia	Potoroidae	Aepyprymnus rufescens	Rufous Bettong	C	
Animalia	Pseudocheiridae	Pseudocheirus peregrinus	Common Ringtail Possum	C	
Animalia	Psittacidae	Alisterus scapularis	Australian King-Parrot	C	
Animalia	Psittacidae	Glossopsitta concinna	Musk Lorikeet	C	
Animalia	Psittacidae	Lathamus discolor	Swift Parrot	E	CE
Animalia	Psittacidae	Melopsittacus undulatus	Budgerigar	C	
Animalia	Psittacidae	Parvipsitta pusilla	Little Lorikeet	C	
Animalia	Psittacidae	Trichoglossus chlorolepidotus	Scaly-Breasted Lorikeet	C	
Animalia	Psittacidae	Trichoglossus haematodus moluccanus		C	
Animalia	Pteropodidae	Pteropus alecto	Black Flying-Fox	C	
Animalia	Pteropodidae	Pteropus poliocephalus	Grey-Headed Flying-Fox	C	V
Animalia	Ptilonorhynchidae	Ptilonorhynchus violaceus	Satin Bowerbird	C	
Animalia	Pygopodidae	Delma torquata	Adorned Delma	V	V
Animalia	Pygopodidae	Lialis burtonis	Burton's Snake-Lizard	C	
Animalia	Pythonidae	Morelia spilota	Carpet Python	C	
Animalia	Rallidae	Fulica atra	Eurasian Coot	C	
Animalia	Rallidae	Gallirallus philippensis		C	
Animalia	Recurvirostridae	Himantopus himantopus	Pied Stilt	C	
Animalia	Recurvirostridae	Recurvirostra novaehollandiae	Red-Necked Avocet	C	
Animalia	Rostratulidae	Rostratula australis	Australian Painted Snipe	E	E
Animalia	Scincidae	Anomalopus mackayi	Five-Clawed Worm-Skink	E	V
Animalia	Scincidae	Anomalopus verreauxii	Three-Clawed Worm-Skink	C	
Animalia	Scincidae	Calyptotis scutirostrum	Scute-Snouted Calyptotis	C	
Animalia	Scincidae	Carlia tetradactyla	Southern Rainbow-Skink	C	
Animalia	Scincidae	Concinnia tenuis	Barred-Sided Skink	C	
Animalia	Scincidae	Ctenotus spaldingi	Straight-Browed Ctenotus	C	
Animalia	Scincidae	Eulamprus quoyii	Eastern Water-Skink	C	
Animalia	Scincidae	Lampropholis amicula	Friendly Sunskink	C	
Animalia	Scincidae	Pygmaeascincus timlowi	Dwarf Litter-Skink	C	
Animalia	Scolopacidae	Phalaropus lobatus	Red-Necked Phalarope	SL	
Animalia	Sturnidae	Acridotheres tristis	Common Myna		

Kingdom	Family	Common Name	Vernacular Name	NCA status	EPBC status
Animalia	Synlestidae	Episynlestes albicauda			
Animalia	Synthemistidae	Eusynthemis nigra xanthosticta			
Animalia	Tachyglossidae	Tachyglossus aculeatus	Short-Beaked Echidna	SL	
Animalia	Theraphosidae	Selenocosmia crassipes		C	
Animalia	Threskiornithidae	Plegadis falcinellus	Glossy Ibis	SL	
Animalia	Threskiornithidae	Threskiornis spinicollis	Straw-Necked Ibis	C	
Animalia	Turdidae	Turdus merula	Blackbird	P	
Animalia	Turnicidae	Turnix pyrrhothorax	Red-Chested Button-Quail	C	
Animalia	Tytonidae	Tyto delicatula		C	
Animalia	Vespertilionidae	Nyctophilus geoffroyi	Lesser Long-Eared Bat	C	
Animalia	Vespertilionidae	Nyctophilus gouldi	Gould's Long-Eared Bat	C	
Animalia	Vespertilionidae	Scoteanax rueppellii	Greater Broad-Nosed Bat	C	
Fungi		Usnea dasaea		C	
Fungi		Usnea scabrida subsp. elegans		C	
Fungi	Agaricaceae	Coprinus comatus		C	
Fungi	Parmeliaceae	Xanthoparmelia pulla		C	
Fungi	Polyporaceae	Pycnoporus coccineus		C	
Fungi	Ramalinaceae	Ramalina celastri subsp. celastri		C	
Fungi	Ramalinaceae	Ramalina inflata subsp. perpusilla		C	
Fungi	Ramalinaceae	Ramalina peruviana		C	
Plantae	Acanthaceae	Brunoniella australis		C	
Plantae	Acanthaceae	Pseuderanthemum variabile		C	
Plantae	Acanthaceae	Ruellia simplex			
Plantae	Adoxaceae	Viburnum odoratissimum var. awabuki			
Plantae	Alliaceae	Nothoscordum borbonicum			
Plantae	Amaranthaceae	Guilleminea densa			
Plantae	Amaranthaceae	Ptilotus macrocephalus		C	
Plantae	Amaryllidaceae	Proiphys cunninghamii		C	
Plantae	Anacardiaceae	Euroschinus falcatus var. falcatus		C	
Plantae	Anacardiaceae	Rhodosphaera rhodanthema		C	

Kingdom	Family	Common Name	Vernacular Name	NCA status	EPBC status
Plantae	Aphanopetalaceae	Aphanopetalum resinosum		C	
Plantae	Apiaceae	Centella asiatica	Arthritis Herb	C	
Plantae	Apiaceae	Cyclospermum leptophyllum			
Plantae	Apiaceae	Daucus carota	Wild Carrot		
Plantae	Apiaceae	Foeniculum vulgare			
Plantae	Apocynaceae	Alyxia ruscifolia		C	
Plantae	Apocynaceae	Gomphocarpus physocarpus			
Plantae	Apocynaceae	Parsonsia straminea		C	
Plantae	Apocynaceae	Tylophora grandiflora		C	
Plantae	Araceae	Gymnostachys anceps		C	
Plantae	Araceae	Typhonium brownii		C	
Plantae	Araliaceae	Hydrocotyle acutiloba		C	
Plantae	Araliaceae	Polyscias elegans		C	
Plantae	Asparagaceae	Arthropodium milleflorum		C	
Plantae	Asparagaceae	Asparagus plumosus			
Plantae	Asparagaceae	Cordyline petiolaris		C	
Plantae	Asparagaceae	Lomandra longifolia		C	
Plantae	Asparagaceae	Thysanotus tuberosus subsp. tuberosus		C	
Plantae	Asphodelaceae	Bulbine bulbosa	Mountain Swamp Lily	C	
Plantae	Aspleniaceae	Asplenium australasicum		C	
Plantae	Aspleniaceae	Asplenium subglandulosum subsp. subglandulosum		C	
Plantae	Asteraceae	Apowollastonia spilanthoides		C	
Plantae	Asteraceae	Arctotheca calendula			
Plantae	Asteraceae	Baccharis halimifolia	Cotton-Seed Tree		
Plantae	Asteraceae	Brachyscome dentata		C	
Plantae	Asteraceae	Calotis lappulacea		C	
Plantae	Asteraceae	Carthamus lanatus			
Plantae	Asteraceae	Cassinia laevis		C	
Plantae	Asteraceae	Centaurea melitensis			
Plantae	Asteraceae	Centratherum riparium		C	
Plantae	Asteraceae	Cirsium vulgare	Boar Thistle		

Kingdom	Family	Common Name	Vernacular Name	NCA status	EPBC status
Plantae	Asteraceae	Cyanthillium cinereum		C	
Plantae	Asteraceae	Euchiton japonicus		C	
Plantae	Asteraceae	Glossocardia bidens		C	
Plantae	Asteraceae	Lagenophora gracilis		C	
Plantae	Asteraceae	Lagenophora stipitata		C	
Plantae	Asteraceae	Leiocarpa brevicompta		C	
Plantae	Asteraceae	Olearia elliptica subsp. elliptica		C	
Plantae	Asteraceae	Ozothamnus bidwillii		C	
Plantae	Asteraceae	Picris evae		V	V
Plantae	Asteraceae	Rhaponticum australe		V	V
Plantae	Asteraceae	Rhaponticum australe		V	V
Plantae	Asteraceae	Senecio minimus		C	
Plantae	Asteraceae	Tagetes minuta			
Plantae	Asteraceae	Tanacetum vulgare	Golden Buttons		
Plantae	Asteraceae	Tragopogon porrifolius			
Plantae	Bignoniaceae	Pandorea pandorana		C	
Plantae	Brassicaceae	Capsella bursa-pastoris			
Plantae	Brassicaceae	Hirschfeldia incana			
Plantae	Brassicaceae	Rapistrum rugosum			
Plantae	Cactaceae	Opuntia tomentosa			
Plantae	Campanulaceae	Lobelia purpurascens		C	
Plantae	Campanulaceae	Wahlenbergia gracilis		C	
Plantae	Cannabaceae	Aphananthe philippinensis		C	
Plantae	Capparaceae	Capparis arborea		C	
Plantae	Caryophyllaceae	Petrorhagia nanteuilii			
Plantae	Caryophyllaceae	Stellaria media	Kohukohu		
Plantae	Casuarinaceae	Allocasuarina luehmannii		C	
Plantae	Casuarinaceae	Allocasuarina torulosa		C	
Plantae	Celastraceae	Denhamia bilocularis		C	
Plantae	Celastraceae	Denhamia celastroides		C	
Plantae	Celastraceae	Denhamia pittosporoides subsp. pittosporoides		C	
Plantae	Celastraceae	Stackhousia viminea		C	
Plantae	Chenopodiaceae	Chenopodium album	Fat-Hen		
Plantae	Chenopodiaceae	Dysphania pumilio		C	

Kingdom	Family	Common Name	Vernacular Name	NCA status	EPBC status
Plantae	Colchicaceae	Iphigenia indica		C	
Plantae	Commelinaceae	Aneilema acuminatum		C	
Plantae	Convolvulaceae	Calystegia marginata		C	
Plantae	Convolvulaceae	Dichondra repens	Creeping Dichondra	C	
Plantae	Crassulaceae	Bryophyllum proliferum			
Plantae	Crassulaceae	Crassula sieberiana		C	
Plantae	Cupressaceae	Callitris glaucophylla	Gurraay	C	
Plantae	Cyatheaceae	Cyathea cooperi	Cicatrice Tree Fern	C	
Plantae	Cyperaceae	Carex declinata		C	
Plantae	Cyperaceae	Cyperus clarus		V	
Plantae	Cyperaceae	Cyperus eragrostis	Puketangata		
Plantae	Cyperaceae	Cyperus flavidus		C	
Plantae	Cyperaceae	Cyperus fulvus		C	
Plantae	Cyperaceae	Cyperus gracilis		C	
Plantae	Cyperaceae	Cyperus mirus		C	
Plantae	Cyperaceae	Cyperus rigidellus		C	
Plantae	Cyperaceae	Fimbristylis dichotoma		C	
Plantae	Cyperaceae	Gahnia aspera		C	
Plantae	Dennstaedtiaceae	Pteridium esculentum	Manehu	C	
Plantae	Ebenaceae	Diospyros geminata		C	
Plantae	Ebenaceae	Diospyros humilis		C	
Plantae	Elaeocarpaceae	Elaeocarpus obovatus		C	
Plantae	Ericaceae	Leucopogon biflorus		C	
Plantae	Ericaceae	Melichrus urceolatus		C	
Plantae	Euphorbiaceae	Bridelia exaltata		C	
Plantae	Euphorbiaceae	Bridelia leichhardtii		C	
Plantae	Euphorbiaceae	Croton phebalioides		C	
Plantae	Euphorbiaceae	Excoecaria dallachyana		C	
Plantae	Euphorbiaceae	Homalanthus populifolius	Bleeding Heart Tree	C	
Plantae	Euphorbiaceae	Mallotus philippensis		C	
Plantae	Euphorbiaceae	Manihot grahamii			
Plantae	Fabaceae	Acacia concurrens		C	
Plantae	Fabaceae	Acacia decora	Dhaniyaa	C	
Plantae	Fabaceae	Acacia falcata		C	
Plantae	Fabaceae	Acacia fasciculifera		C	
Plantae	Fabaceae	Acacia glaucocarpa		C	
Plantae	Fabaceae	Acacia implexa		C	

Kingdom	Family	Common Name	Vernacular Name	NCA status	EPBC status
Plantae	Fabaceae	Acacia melanoxylon		C	
Plantae	Fabaceae	Acacia podalyriifolia	Mount Morgan Wattle	C	
Plantae	Fabaceae	Acacia salicina	Dhulan	C	
Plantae	Fabaceae	Aotus subglauca var. filiformis		C	
Plantae	Fabaceae	Aotus subglauca var. subglauca		C	
Plantae	Fabaceae	Chorizema parviflorum		C	
Plantae	Fabaceae	Daviesia villifera		C	
Plantae	Fabaceae	Desmodium rhytidophyllum		C	
Plantae	Fabaceae	Desmodium varians		C	
Plantae	Fabaceae	Erythrostemon gilliesii			
Plantae	Fabaceae	Genista monspessulana			
Plantae	Fabaceae	Gleditsia triacanthos			
Plantae	Fabaceae	Glycine microphylla		C	
Plantae	Fabaceae	Glycine tabacina		C	
Plantae	Fabaceae	Glycine tomentella		C	
Plantae	Fabaceae	Gompholobium foliolosum		C	
Plantae	Fabaceae	Hardenbergia violacea	Purple Coral-Pea	C	
Plantae	Fabaceae	Hovea lorata		C	
Plantae	Fabaceae	Hovea planifolia		C	
Plantae	Fabaceae	Hovea planifolia x Hovea ramulosa		C	
Plantae	Fabaceae	Indigofera hirsuta		C	
Plantae	Fabaceae	Lespedeza juncea subsp. sericea		C	
Plantae	Fabaceae	Melilotus albus			
Plantae	Fabaceae	Melilotus indicus			
Plantae	Fabaceae	Sophora fraseri		V	V
Plantae	Fabaceae	Swainsona queenslandica		C	
Plantae	Fabaceae	Swainsona reticulata		C	
Plantae	Fabaceae	Tephrosia rufula		C	
Plantae	Fabaceae	Trifolium campestre var. campestre			
Plantae	Fabaceae	Trifolium repens var. repens			
Plantae	Geraniaceae	Geranium homeanum	Pinakitere	C	

Kingdom	Family	Common Name	Vernacular Name	NCA status	EPBC status
Plantae	Goodeniaceae	Velleia paradoxa		C	
Plantae	Gyrostemonaceae	Codonocarpus attenuatus		C	
Plantae	Haloragaceae	Haloragis heterophylla		C	
Plantae	Hemerocallidaceae	Dianella brevipedunculata		C	
Plantae	Hypericaceae	Hypericum gramineum		C	
Plantae	Lamiaceae	Ajuga australis		C	
Plantae	Lamiaceae	Clerodendrum floribundum		C	
Plantae	Lamiaceae	Mentha australis		C	
Plantae	Lamiaceae	Mentha satureioides	Buuybuuy	C	
Plantae	Lamiaceae	Salvia verbenaca			
Plantae	Lamiaceae	Teucrium argutum		C	
Plantae	Loranthaceae	Dendrophthoe glabrescens		C	
Plantae	Malvaceae	Brachychiton discolor		C	
Plantae	Malvaceae	Hibiscus tridactylites		C	
Plantae	Malvaceae	Modiola caroliniana			
Plantae	Malvaceae	Pavonia hastata			
Plantae	Malvaceae	Sida rhombifolia			
Plantae	Meliaceae	Melia azedarach	Umbrella Tree	C	
Plantae	Meliaceae	Toona ciliata		C	
Plantae	Meliaceae	Turraea pubescens		C	
Plantae	Menispermaceae	Legnephora moorei		C	
Plantae	Menispermaceae	Tinospora smilacina		C	
Plantae	Moraceae	Ficus henneana		C	
Plantae	Moraceae	Ficus rubiginosa forma glabrescens		C	
Plantae	Moraceae	Ficus superba			
Plantae	Moraceae	Maclura cochinchinensis		C	
Plantae	Moraceae	Streblus brunonianus		C	
Plantae	Myrtaceae	Angophora floribunda		C	
Plantae	Myrtaceae	Angophora leiocarpa		C	
Plantae	Myrtaceae	Corymbia clarksoniana	Gawuwildhaa	C	
Plantae	Myrtaceae	Corymbia intermedia		C	
Plantae	Myrtaceae	Corymbia tessellaris	Gaabiin	C	
Plantae	Myrtaceae	Eucalyptus carnea		C	
Plantae	Myrtaceae	Eucalyptus conica		C	

Kingdom	Family	Common Name	Vernacular Name	NCA status	EPBC status
Plantae	Myrtaceae	Eucalyptus crebra		C	
Plantae	Myrtaceae	Eucalyptus melliodora	Bibil	C	
Plantae	Myrtaceae	Eucalyptus nobilis		C	
Plantae	Myrtaceae	Eucalyptus tereticornis subsp. basaltica		C	
Plantae	Myrtaceae	Lophostemon confertus		C	
Plantae	Myrtaceae	Lysicarpus angustifolius		C	
Plantae	Myrtaceae	Melaleuca bracteata		C	
Plantae	Myrtaceae	Triplarina bancroftii		C	
Plantae	Oleaceae	Jasminum simplicifolium subsp. australiense		C	
Plantae	Oleaceae	Notelaea microcarpa		C	
Plantae	Onagraceae	Ludwigia peploides subsp. montevidensis		C	
Plantae	Onagraceae	Oenothera affinis			
Plantae	Onagraceae	Oenothera curtiflora			
Plantae	Onagraceae	Oenothera stricta subsp. stricta			
Plantae	Ophioglossaceae	Ophioglossum lusitanicum		C	
Plantae	Orchidaceae	Acianthus fornicatus	Pixie Caps	C	
Plantae	Orchidaceae	Cymbidium canaliculatum	Garrii	C	
Plantae	Orchidaceae	Dendrobium monophyllum		C	
Plantae	Orchidaceae	Dendrobium x delicatum		C	
Plantae	Orchidaceae	Diuris abbreviata		C	
Plantae	Orchidaceae	Diuris sulphurea		C	
Plantae	Orchidaceae	Dockrillia bowmanii		C	
Plantae	Orchidaceae	Dockrillia linguiformis		C	
Plantae	Orchidaceae	Dockrillia teretifolia		C	
Plantae	Orchidaceae	Prasophyllum brevilabre		C	
Plantae	Orchidaceae	Pterostylis acuminata		C	
Plantae	Orchidaceae	Pterostylis curta		C	
Plantae	Orchidaceae	Rhinerrhiza divitiflora		C	
Plantae	Orchidaceae	Sarcochilus ceciliae		C	
Plantae	Orchidaceae	Sarcochilus falcatus		C	

Kingdom	Family	Common Name	Vernacular Name	NCA status	EPBC status
Plantae	Orchidaceae	Sarcochilus weinthalii		E	V
Plantae	Papaveraceae	Fumaria bastardii			
Plantae	Papaveraceae	Papaver somniferum subsp. setigerum			
Plantae	Papaveraceae	Papaver somniferum subsp. setigerum			
Plantae	Passifloraceae	Passiflora herbertiana subsp. herbertiana		C	
Plantae	Passifloraceae	Passiflora subpeltata			
Plantae	Phyllanthaceae	Breynia oblongifolia		C	
Plantae	Phyllanthaceae	Phyllanthus gunnii		C	
Plantae	Pittosporaceae	Auranticarpa rhombifolia		C	
Plantae	Pittosporaceae	Bursaria incana		C	
Plantae	Pittosporaceae	Bursaria spinosa subsp. spinosa		C	
Plantae	Pittosporaceae	Pittosporum undulatum		C	
Plantae	Plantaginaceae	Plantago debilis		C	
Plantae	Plantaginaceae	Plantago lanceolata	English Plantain		
Plantae	Plantaginaceae	Veronica plebeia		C	
Plantae	Poaceae	Aristida caput-medusae		C	
Plantae	Poaceae	Aristida gracilipes		C	
Plantae	Poaceae	Austrostipa ramosissima		C	
Plantae	Poaceae	Bothriochloa bunyensis		V	V

WildNet Records
Species List

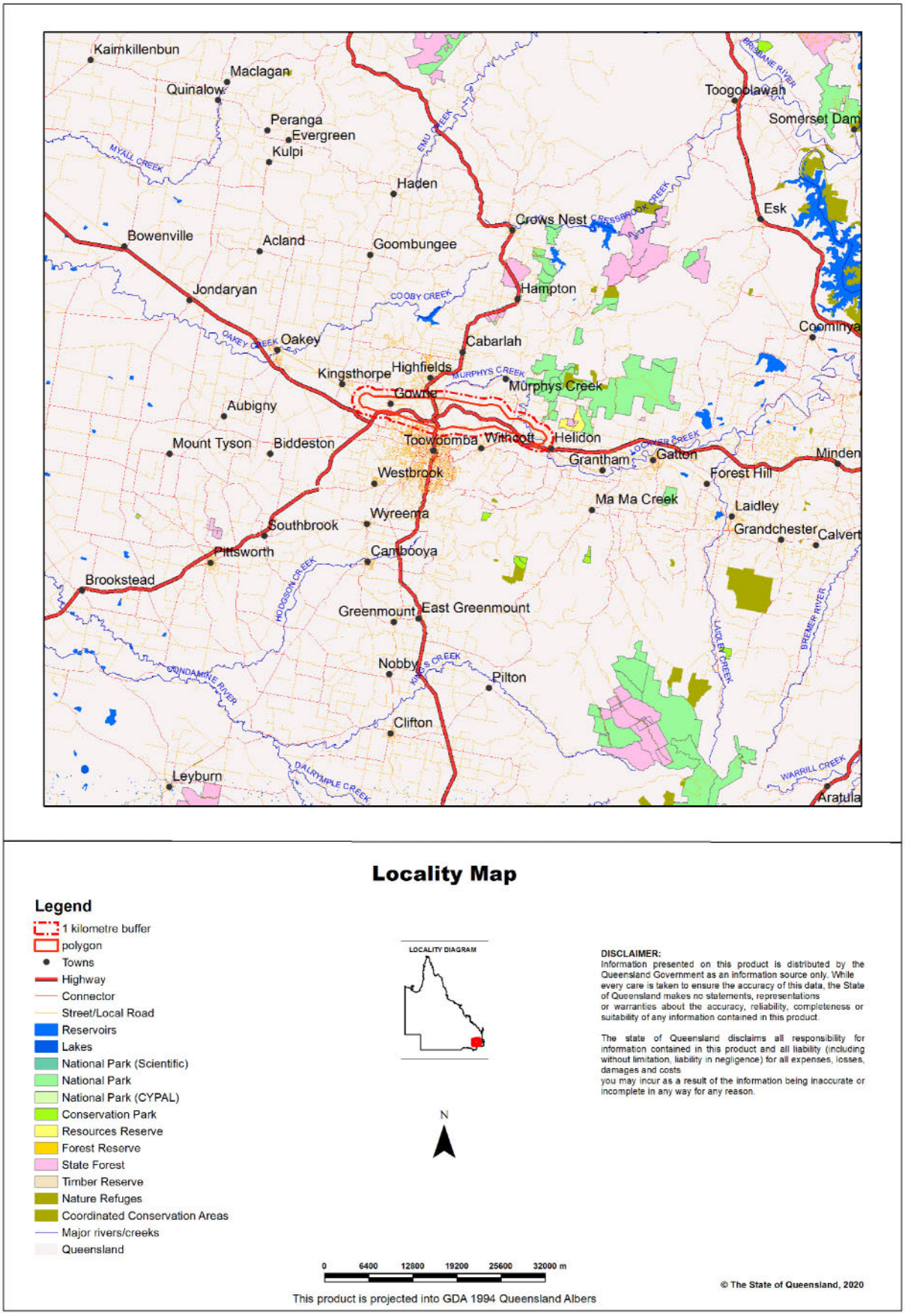
For the selected area of interest 7965.7ha

Current as at 25/03/2020

WildNetspecieslist

Queensland Government

Map 1. Locality Map



Summary Information

The following table provides an overview of the area of interest .

Table 1. Area of interest details

Size (ha)	7,965.7
Local Government(s)	Lockyer Valley Regional, Toowoomba Regional
Bioregion(s)	Brigalow Belt, Southeast Queensland
Subregion(s)	Moreton Basin, Eastern Darling Downs
Catchment(s)	Balonne-Condamine, Brisbane

Protected Area(s)
No estates or reserves are located within the area of interest.

World Heritage Area(s)
No World Heritage Areas are located within the area of interest.

Ramsar Area(s)
No Ramsar Areas are located within the area of interest.

Species List

Introduction
This Species List report is derived only from records from the WildNet database managed by the Department of Environment and Science. Other data sources may provide additional information on species occurrence.

The WildNet dataset is constantly being enhanced and the taxonomic and status information revised. If a species does not occur in the report, it does not mean it doesn't occur there and listed species may also no longer inhabit the area.

Table 2 lists the animals recorded within the area of interest and its one kilometre buffer.

Table 3 lists the plants recorded within the area of interest and its one kilometre buffer.

Table 4 lists the fungi recorded within the area of interest and its one kilometre buffer.

Table 5 lists the protists recorded within the area of interest and its one kilometre buffer.

Table 2. Animals recorded within the area of interest and its one kilometre buffer

Taxon Id	Class	Family	Scientific Name	Common Name	NCA	EPBC	Specimens	Records	Last record
18168	Actinopterygii	Eleotridae	*Mogurnda adspersa*	southern purplespotted gudgeon	None	None	0	1	14/12/2013
716	Amphibia	Bufonidae	*Rhinella marina*	cane toad	None	None	0	2	02/11/2012
624	Amphibia	Hylidae	*Cyclorana alboguttata*	greenstripe frog	C	None	1	6	19/09/2017
627	Amphibia	Hylidae	*Litoria caerulea*	common green treefrog	C	None	0	2	08/01/2016
608	Amphibia	Hylidae	*Litoria fallax*	eastern sedgefrog	C	None	0	1	30/04/1990
614	Amphibia	Hylidae	*Litoria latopalmata*	broad palmed rocketfrog	C	None	0	1	14/12/2013
596	Amphibia	Hylidae	*Litoria peronii*	emerald spotted treefrog	C	None	0	2	05/11/2005
600	Amphibia	Hylidae	*Litoria rubella*	ruddy treefrog	C	None	0	3	30/01/2005

Taxon Id	Class	Family	Scientific Name	Common Name	NCA	EPBC	Specimens	Records	Last record
681	Amphibia	Limnodynastidae	*Limnodynastes peronii*	striped marshfrog	C	None	0	2	22/11/2008
682	Amphibia	Limnodynastidae	*Limnodynastes salmini*	salmon striped frog	C	None	0	2	31/12/2002
673	Amphibia	Limnodynastidae	*Limnodynastes terraereginae*	scarlet sided pobblebonk	C	None	0	1	28/02/1990
680	Amphibia	Limnodynastidae	*Platyplectrum ornatum*	ornate burrowing frog	C	None	0	1	14/12/2014
698	Amphibia	Myobatrachidae	*Crinia signifera*	clicking froglet	C	None	0	5	01/12/2008
672	Amphibia	Myobatrachidae	*Pseudophryne coriacea*	red backed broodfrog	C	None	0	1	30/06/1991
635	Amphibia	Myobatrachidae	*Uperoleia laevigata*	eastern gungan	C	None	1	1	31/12/1986
1419	Aves	Acanthizidae	*Acanthiza chrysorrhoa*	yellow-rumped thornbill	C	None	0	492	09/05/2019
1421	Aves	Acanthizidae	*Acanthiza lineata*	striated thornbill	C	None	0	20	27/12/2003
1422	Aves	Acanthizidae	*Acanthiza nana*	yellow thornbill	C	None	0	296	01/11/2010
1423	Aves	Acanthizidae	*Acanthiza pusilla*	brown thornbill	C	None	0	357	09/03/2019
1425	Aves	Acanthizidae	*Acanthiza reguloides*	buff-rumped thornbill	C	None	0	29	30/11/2014
1407	Aves	Acanthizidae	*Gerygone fusca*	western gerygone	C	None	0	14	30/09/1997
1410	Aves	Acanthizidae	*Gerygone mouki*	brown gerygone	C	None	0	11	30/12/2005
1396	Aves	Acanthizidae	*Gerygone olivacea*	white-throated gerygone	C	None	0	429	09/03/2019
1403	Aves	Acanthizidae	*Pyrrholaemus sagittatus*	speckled warbler	C	None	0	52	26/08/2015
1382	Aves	Acanthizidae	*Sericornis frontalis*	white-browed scrubwren	C	None	0	298	09/05/2019
1384	Aves	Acanthizidae	*Sericornis magnirostra*	large-billed scrubwren	C	None	0	1	24/10/1998
1371	Aves	Acanthizidae	*Smicrornis brevirostris*	weebill	C	None	0	172	18/07/2010
1742	Aves	Accipitridae	*Accipiter cirrocephalus*	collared sparrowhawk	C	None	0	22	27/09/2014
1729	Aves	Accipitridae	*Accipiter fasciatus*	brown goshawk	C	None	0	80	01/11/2010
1730	Aves	Accipitridae	*Accipiter novaehollandiae*	grey goshawk	C	None	0	6	28/04/2014
1732	Aves	Accipitridae	*Aquila audax*	wedge-tailed eagle	C	None	0	148	23/10/2015
1721	Aves	Accipitridae	*Aviceda subcristata*	Pacific baza	C	None	0	22	26/10/2008
1722	Aves	Accipitridae	*Circus approximans*	swamp harrier	C	None	0	7	19/09/1999
1723	Aves	Accipitridae	*Circus assimilis*	spotted harrier	C	None	0	28	15/07/2015
1725	Aves	Accipitridae	*Elanus axillaris*	black-shouldered kite	C	None	0	293	17/07/2018
1728	Aves	Accipitridae	*Erythrotriorchis radiatus*	red goshawk	E	V	0	3	31/05/1992
1718	Aves	Accipitridae	*Haliaeetus leucogaster*	white-bellied sea-eagle	C	None	0	14	20/05/2014

Taxon Id	Class	Family	Scientific Name	Common Name	NCA	EPBC	Specimens	Records	Last record
1707	Aves	Accipitridae	*Haliastur sphenurus*	whistling kite	C	None	0	17	25/07/2010
1710	Aves	Accipitridae	*Hieraaetus morphnoides*	little eagle	C	None	0	7	20/02/2000
1712	Aves	Accipitridae	*Lophoictinia isura*	square-tailed kite	C	None	0	2	28/01/2018
1714	Aves	Accipitridae	*Milvus migrans*	black kite	C	None	0	18	09/03/2019
1702	Aves	Accipitridae	*Pandion cristatus*	eastern osprey	SL	None	0	1	23/04/1992
1305	Aves	Acrocephalidae	*Acrocephalus australis*	Australian reed-warbler	C	None	0	41	01/11/2010
1973	Aves	Aegothelidae	*Aegotheles cristatus*	Australian owlet-nightjar	C	None	0	5	22/12/1999
1652	Aves	Alaudidae	*Mirafra javanica*	Horsfield's bushlark	C	None	0	62	03/01/2010
1776	Aves	Alcedinidae	*Ceyx azureus*	azure kingfisher	C	None	0	19	02/11/2009
1992	Aves	Anatidae	*Anas castanea*	chestnut teal	C	None	0	9	25/10/1998
1993	Aves	Anatidae	*Anas gracilis*	grey teal	C	None	0	150	07/06/2017
1994	Aves	Anatidae	*Anas platyrhynchos*	northern mallard	None	None	0	2	03/07/2000
1998	Aves	Anatidae	*Anas superciliosa*	Pacific black duck	C	None	0	444	14/12/2014
1999	Aves	Anatidae	*Aythya australis*	hardhead	C	None	0	60	26/08/2015
2001	Aves	Anatidae	*Biziura lobata*	musk duck	C	None	0	4	10/02/2018
2003	Aves	Anatidae	*Chenonetta jubata*	Australian wood duck	C	None	0	439	02/11/2012
2005	Aves	Anatidae	*Cygnus atratus*	black swan	C	None	0	30	02/11/2012
1977	Aves	Anatidae	*Dendrocygna arcuata*	wandering whistling-duck	C	None	0	4	10/05/1992
1978	Aves	Anatidae	*Dendrocygna eytoni*	plumed whistling-duck	C	None	0	76	01/11/2010
1980	Aves	Anatidae	*Malacorhynchus membranaceus*	pink-eared duck	C	None	0	14	30/11/2014
1982	Aves	Anatidae	*Nettapus coromandelianus*	cotton pygmy-goose	C	None	0	3	10/05/1992
1985	Aves	Anatidae	*Oxyura australis*	blue-billed duck	C	None	0	3	10/05/1992
1996	Aves	Anatidae	*Spatula rhynchotis*	Australasian shoveler	C	None	0	21	27/05/2016
1987	Aves	Anatidae	*Stictonetta naevosa*	freckled duck	C	None	0	9	31/07/1992
1279	Aves	Anhingidae	*Anhinga novaehollandiae*	Australasian darter	C	None	0	27	01/11/2010
1963	Aves	Anseranatidae	*Anseranas semipalmata*	magpie goose	C	None	0	5	30/11/2005
1965	Aves	Apodidae	*Apus pacificus*	fork-tailed swift	SL	None	0	2	22/01/2003
1971	Aves	Apodidae	*Hirundapus caudacutus*	white-throated needletail	V	V	0	13	07/01/2006
1829	Aves	Ardeidae	*Ardea alba modesta*	eastern great egret	C	None	0	31	02/11/2012
1831	Aves	Ardeidae	*Ardea intermedia*	intermediate egret	C	None	0	13	02/11/2009
1832	Aves	Ardeidae	*Ardea pacifica*	white-necked heron	C	None	0	55	02/11/2009
1830	Aves	Ardeidae	*Bubulcus ibis*	cattle egret	C	None	0	186	11/02/2012
1840	Aves	Ardeidae	*Egretta garzetta*	little egret	C	None	0	7	26/10/2008

Taxon Id	Class	Family	Scientific Name	Common Name	NCA	EPBC	Specimens	Records	Last record
1826	Aves	Ardeidae	*Egretta novaehollandiae*	white-faced heron	C	None	0	227	14/12/2014
1816	Aves	Ardeidae	*Ixobrychus dubius*	Australian little bittern	C	None	0	2	31/12/1978
1815	Aves	Ardeidae	*Ixobrychus flavicollis*	black bittern	C	None	0	1	02/11/2009
1818	Aves	Ardeidae	*Nycticorax caledonicus*	nankeen night-heron	C	None	0	15	26/10/2008
1658	Aves	Artamidae	*Artamus cinereus*	black-faced woodswallow	C	None	0	1	24/09/2001
1659	Aves	Artamidae	*Artamus cyanopterus*	dusky woodswallow	C	None	0	22	28/10/2001
1660	Aves	Artamidae	*Artamus leucorynchus*	white-breasted woodswallow	C	None	0	1	17/08/1992
1647	Aves	Artamidae	*Artamus personatus*	masked woodswallow	C	None	0	3	09/10/1994
1649	Aves	Artamidae	*Artamus superciliosus*	white-browed woodswallow	C	None	0	6	28/10/2001
1654	Aves	Artamidae	*Cracticus nigrogularis*	pied butcherbird	C	None	0	687	09/03/2019
1656	Aves	Artamidae	*Cracticus torquatus*	grey butcherbird	C	None	0	554	09/05/2019
1644	Aves	Artamidae	*Gymnorhina tibicen*	Australian magpie	C	None	0	842	09/05/2019
1645	Aves	Artamidae	*Strepera graculina*	pied currawong	C	None	0	722	09/05/2019
1956	Aves	Burhinidae	*Burhinus grallarius*	bush stone-curlew	C	None	0	2	30/03/2002
1191	Aves	Cacatuidae	*Cacatua galerita*	sulphur-crested cockatoo	C	None	0	222	16/06/2009
1194	Aves	Cacatuidae	*Cacatua sanguinea*	little corella	C	None	0	17	02/11/2009
1196	Aves	Cacatuidae	*Calyptorhynchus banksii*	red-tailed black-cockatoo	C	None	0	123	01/11/2010
1185	Aves	Cacatuidae	*Calyptorhynchus funereus*	yellow-tailed black-cockatoo	C	None	0	36	04/04/2019
22494	Aves	Cacatuidae	*Calyptorhynchus lathami lathami*	glossy black-cockatoo (eastern)	V	None	0	9	30/04/1999
1193	Aves	Cacatuidae	*Eolophus roseicapilla*	galah	C	None	0	765	09/03/2019
1192	Aves	Cacatuidae	*Lophochroa leadbeateri*	Major Mitchell's cockatoo	V	None	0	2	22/08/1999
1173	Aves	Cacatuidae	*Nymphicus hollandicus*	cockatiel	C	None	0	141	23/06/2017
1634	Aves	Campephagidae	*Coracina lineata*	barred cuckoo-shrike	C	None	0	2	24/01/2002
1635	Aves	Campephagidae	*Coracina maxima*	ground cuckoo-shrike	C	None	0	9	28/11/1999
1636	Aves	Campephagidae	*Coracina novaehollandiae*	black-faced cuckoo-shrike	C	None	0	708	09/07/2018
1637	Aves	Campephagidae	*Coracina papuensis*	white-bellied cuckoo-shrike	C	None	0	18	02/11/2009

Taxon Id	Class	Family	Scientific Name	Common Name	NCA	EPBC	Specimens	Records	Last record
1639	Aves	Campephagidae	*Coracina tenuirostris*	cicadabird	C	None	0	58	14/02/2005
1640	Aves	Campephagidae	*Lalage leucomela*	varied triller	C	None	0	9	11/03/2012
1642	Aves	Campephagidae	*Lalage tricolor*	white-winged triller	C	None	0	48	02/11/2012
1937	Aves	Charadriidae	*Charadrius ruficapillus*	red-capped plover	C	None	0	4	30/09/1992
1940	Aves	Charadriidae	*Elseyornis melanops*	black-fronted dotterel	C	None	0	81	01/11/2010
1942	Aves	Charadriidae	*Erythrogonys cinctus*	red-kneed dotterel	C	None	0	21	30/11/2014
1944	Aves	Charadriidae	*Pluvialis fulva*	Pacific golden plover	SL	None	0	2	10/05/1992
27774	Aves	Charadriidae	*Vanellus miles*	masked lapwing	C	None	0	243	13/08/2016
1933	Aves	Charadriidae	*Vanellus miles novaehollandiae*	masked lapwing (southern subspecies)	C	None	0	325	09/05/2019
1820	Aves	Ciconiidae	*Ephippiorhynchus asiaticus*	black-necked stork	C	None	0	2	31/12/1991
1294	Aves	Cisticolidae	*Cisticola exilis*	golden-headed cisticola	C	None	0	429	23/10/2015
1628	Aves	Climacteridae	*Climacteris picumnus*	brown treecreeper	C	None	0	2	31/12/1978
1617	Aves	Climacteridae	*Cormobates leucophaea*	white-throated treecreeper	C	None	0	5	18/07/2010
18293	Aves	Climacteridae	*Cormobates leucophaea metastasis*	white-throated treecreeper (southern)	C	None	0	20	14/02/2005
1801	Aves	Columbidae	*Chalcophaps indica*	emerald dove	C	None	0	5	14/02/2005
1803	Aves	Columbidae	*Columba leucomela*	white-headed pigeon	C	None	0	16	11/11/2001
1804	Aves	Columbidae	*Columba livia*	rock dove	None	None	0	317	13/08/2016
1809	Aves	Columbidae	*Geopelia cuneata*	diamond dove	C	None	0	6	16/10/1994
1810	Aves	Columbidae	*Geopelia humeralis*	bar-shouldered dove	C	None	0	526	09/05/2019
1797	Aves	Columbidae	*Geopelia striata*	peaceful dove	C	None	0	154	26/08/2015
1785	Aves	Columbidae	*Geophaps scripta scripta*	squatter pigeon (southern subspecies)	V	V	0	6	08/08/1993
1787	Aves	Columbidae	*Leucosarcia melanoleuca*	wonga pigeon	C	None	0	4	24/01/2002
1791	Aves	Columbidae	*Macropygia amboinensis*	brown cuckoo-dove	C	None	0	32	26/08/2006
1793	Aves	Columbidae	*Ocyphaps lophotes*	crested pigeon	C	None	0	822	09/05/2019
1795	Aves	Columbidae	*Phaps chalcoptera*	common bronzewing	C	None	0	32	26/04/2017
1771	Aves	Columbidae	*Ptilinopus regina*	rose-crowned fruit-dove	C	None	1	3	11/03/2012
1774	Aves	Columbidae	*Streptopelia chinensis*	spotted dove	None	None	0	568	09/03/2019

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1779	Aves	Coraciidae	*Eurystomus orientalis*	dollarbird	C	None	0	228	02/01/2017
1603	Aves	Corcoracidae	*Corcorax melanorhamphos*	white-winged chough	C	None	0	57	30/11/2012
1605	Aves	Corcoracidae	*Struthidea cinerea*	apostlebird	C	None	0	6	13/08/2013
1607	Aves	Corvidae	*Corvus bennetti*	little crow	C	None	0	1	01/02/1993
1608	Aves	Corvidae	*Corvus coronoides*	Australian raven	C	None	0	1	31/10/1993
1609	Aves	Corvidae	*Corvus orru*	Torresian crow	C	None	0	830	09/05/2019
1610	Aves	Corvidae	*Corvus sp.*	None	None	None	0	2	11/02/2001
1754	Aves	Cuculidae	*Cacomantis flabelliformis*	fan-tailed cuckoo	C	None	0	62	09/05/2019
1750	Aves	Cuculidae	*Cacomantis pallidus*	pallid cuckoo	C	None	0	13	23/10/2015
1743	Aves	Cuculidae	*Cacomantis variolosus*	brush cuckoo	C	None	0	11	14/12/2014
1751	Aves	Cuculidae	*Centropus phasianinus*	pheasant coucal	C	None	0	356	09/03/2019
1744	Aves	Cuculidae	*Chalcites basalis*	Horsfield's bronze-cuckoo	C	None	0	55	01/11/2010
1745	Aves	Cuculidae	*Chalcites lucidus*	shining bronze-cuckoo	C	None	0	24	09/05/2019
1756	Aves	Cuculidae	*Chalcites minutillus barnardi*	Eastern little bronze-cuckoo	C	None	0	3	28/10/2001
1747	Aves	Cuculidae	*Chalcites osculans*	black-eared cuckoo	C	None	0	1	30/11/1992
1738	Aves	Cuculidae	*Eudynamys orientalis*	eastern koel	C	None	0	298	23/10/2015
1740	Aves	Cuculidae	*Scythrops novaehollandiae*	channel-billed cuckoo	C	None	0	231	23/10/2015
1601	Aves	Dicruridae	*Dicrurus bracteatus*	spangled drongo	C	None	0	75	02/11/2009
1366	Aves	Estrildidae	*Lonchura castaneothorax*	chestnut-breasted mannikin	C	None	0	134	02/11/2009
1369	Aves	Estrildidae	*Neochmia modesta*	plum-headed finch	C	None	0	30	26/10/2008
1359	Aves	Estrildidae	*Neochmia temporalis*	red-browed finch	C	None	0	145	11/03/2012
1355	Aves	Estrildidae	*Stagonopleura guttata*	diamond firetail	C	None	0	1	28/02/1991
1342	Aves	Estrildidae	*Taeniopygia bichenovii*	double-barred finch	C	None	0	534	09/05/2019
1343	Aves	Estrildidae	*Taeniopygia guttata*	zebra finch	C	None	0	244	01/11/2010
1962	Aves	Eurostopodidae	*Eurostopodus argus*	spotted nightjar	C	None	0	1	30/11/1990
1949	Aves	Eurostopodidae	*Eurostopodus mystacalis*	white-throated nightjar	C	None	0	12	22/10/2016
1716	Aves	Falconidae	*Falco berigora*	brown falcon	C	None	0	62	10/10/2012
1704	Aves	Falconidae	*Falco cenchroides*	nankeen kestrel	C	None	0	464	23/10/2015
1705	Aves	Falconidae	*Falco hypoleucos*	grey falcon	V	None	0	1	22/06/2008

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1691	Aves	Falconidae	*Falco longipennis*	Australian hobby	C	None	0	41	07/06/2017
1692	Aves	Falconidae	*Falco peregrinus*	peregrine falcon	C	None	0	24	24/05/2009
1693	Aves	Falconidae	*Falco subniger*	black falcon	C	None	0	7	31/08/2019
1767	Aves	Halcyonidae	*Dacelo novaeguineae*	laughing kookaburra	C	None	0	744	09/03/2019
1760	Aves	Halcyonidae	*Todiramphus macleayii*	forest kingfisher	C	None	0	3	31/10/1991
1761	Aves	Halcyonidae	*Todiramphus pyrrhopygius*	red-backed kingfisher	C	None	0	6	13/02/2000
1762	Aves	Halcyonidae	*Todiramphus sanctus*	sacred kingfisher	C	None	0	134	25/11/2012
1583	Aves	Hirundinidae	*Cheramoeca leucosterna*	white-backed swallow	C	None	0	20	21/06/2003
1572	Aves	Hirundinidae	*Hirundo neoxena*	welcome swallow	C	None	0	269	26/08/2015
1585	Aves	Hirundinidae	*Petrochelidon ariel*	fairy martin	C	None	0	124	21/08/2014
1573	Aves	Hirundinidae	*Petrochelidon nigricans*	tree martin	C	None	0	23	14/12/2014
1928	Aves	Jacanidae	*Irediparra gallinacea*	comb-crested jacana	C	None	0	12	11/02/2012
1919	Aves	Laridae	*Chlidonias hybrida*	whiskered tern	C	None	0	3	17/10/1999
1912	Aves	Laridae	*Chroicocephalus novaehollandiae*	silver gull	C	None	0	4	29/02/1992
1896	Aves	Laridae	*Hydroprogne caspia*	Caspian tern	SL	None	0	2	02/11/2012
1570	Aves	Maluridae	*Malurus cyaneus*	superb fairy-wren	C	None	2	609	07/07/2018
1556	Aves	Maluridae	*Malurus lamberti*	variegated fairy-wren	C	None	0	129	09/03/2019
1558	Aves	Maluridae	*Malurus melanocephalus*	red-backed fairy-wren	C	None	0	98	23/10/2015
1291	Aves	Megaluridae	*Cincloramphus cruralis*	brown songlark	C	None	0	11	15/02/2003
1292	Aves	Megaluridae	*Cincloramphus mathewsi*	rufous songlark	C	None	0	14	23/10/2015
1287	Aves	Megaluridae	*Megalurus gramineus*	little grassbird	C	None	0	4	10/05/1992
1289	Aves	Megaluridae	*Megalurus timoriensis*	tawny grassbird	C	None	0	21	26/08/2015
1694	Aves	Megapodiidae	*Alectura lathami*	Australian brush-turkey	C	None	1	31	09/03/2019
1552	Aves	Meliphagidae	*Acanthagenys rufogularis*	spiny-cheeked honeyeater	C	None	0	348	17/07/2018
1555	Aves	Meliphagidae	*Acanthorhynchus tenuirostris*	eastern spinebill	C	None	0	71	07/09/2001
1541	Aves	Meliphagidae	*Anthochaera carunculata*	red wattlebird	C	None	0	32	27/05/2012
1542	Aves	Meliphagidae	*Anthochaera chrysoptera*	little wattlebird	C	None	0	1	05/09/1953
1523	Aves	Meliphagidae	*Caligavis chrysops*	yellow-faced honeyeater	C	None	0	154	09/07/2018
1539	Aves	Meliphagidae	*Entomyzon cyanotis*	blue-faced honeyeater	C	None	0	104	20/08/2014

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1496	Aves	Meliphagidae	*Gavicalis virescens*	singing honeyeater	C	None	0	2	31/12/1978
1521	Aves	Meliphagidae	*Grantiella picta*	painted honeyeater	V	V	0	1	28/10/2006
1497	Aves	Meliphagidae	*Lichmera indistincta*	brown honeyeater	C	None	0	644	27/09/2014
1499	Aves	Meliphagidae	*Manorina flavigula*	yellow-throated miner	C	None	0	1	10/12/2005
1500	Aves	Meliphagidae	*Manorina melanocephala*	noisy miner	C	None	0	713	09/03/2019
1504	Aves	Meliphagidae	*Meliphaga lewinii*	Lewin's honeyeater	C	None	0	644	09/05/2019
1507	Aves	Meliphagidae	*Melithreptus albogularis*	white-throated honeyeater	C	None	0	37	14/12/2014
1508	Aves	Meliphagidae	*Melithreptus brevirostris*	brown-headed honeyeater	C	None	0	17	16/12/2000
1483	Aves	Meliphagidae	*Melithreptus gularis*	black-chinned honeyeater	C	None	0	3	24/10/1993
1485	Aves	Meliphagidae	*Melithreptus lunatus*	white-naped honeyeater	C	None	0	17	26/10/2008
1489	Aves	Meliphagidae	*Myzomela sanguinolenta*	scarlet honeyeater	C	None	0	72	25/07/2010
1493	Aves	Meliphagidae	*Philemon citreogularis*	little friarbird	C	None	0	121	14/12/2014
1494	Aves	Meliphagidae	*Philemon corniculatus*	noisy friarbird	C	None	0	266	27/09/2014
1482	Aves	Meliphagidae	*Phylidonyris niger*	white-cheeked honeyeater	C	None	0	1	30/09/1992
1471	Aves	Meliphagidae	*Plectorhyncha lanceolata*	striped honeyeater	C	None	0	453	07/06/2017
1513	Aves	Meliphagidae	*Ptilotula fusca*	fuscous honeyeater	C	None	0	45	07/06/2017
1764	Aves	Meropidae	*Merops ornatus*	rainbow bee-eater	C	None	0	113	23/10/2015
1589	Aves	Monarchidae	*Grallina cyanoleuca*	magpie-lark	C	None	0	801	09/05/2019
1595	Aves	Monarchidae	*Monarcha melanopsis*	black-faced monarch	SL	None	0	5	14/02/2005
1599	Aves	Monarchidae	*Myiagra cyanoleuca*	satin flycatcher	SL	None	0	5	28/10/2001
1600	Aves	Monarchidae	*Myiagra inquieta*	restless flycatcher	C	None	0	108	07/06/2017
1586	Aves	Monarchidae	*Myiagra rubecula*	leaden flycatcher	C	None	0	96	14/12/2014
1455	Aves	Motacillidae	*Anthus novaeseelandiae*	Australasian pipit	C	None	0	77	02/01/2012
1611	Aves	Nectariniidae	*Dicaeum hirundinaceum*	mistletoebird	C	None	0	431	07/06/2017
1453	Aves	Neosittidae	*Daphoenositta chrysoptera*	varied sittella	C	None	0	33	18/07/2010
1442	Aves	Oriolidae	*Oriolus sagittatus*	olive-backed oriole	C	None	0	287	26/08/2015
1444	Aves	Oriolidae	*Sphecotheres vieilloti*	Australasian figbird	C	None	0	416	09/07/2018
1449	Aves	Pachycephalidae	*Colluricincla harmonica*	grey shrike-thrush	C	None	0	190	11/03/2012
1429	Aves	Pachycephalidae	*Falcunculus frontatus*	crested shrike-tit	C	None	0	11	27/05/2016

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1436	Aves	Pachycephalidae	*Pachycephala pectoralis*	golden whistler	C	None	0	57	18/07/2010
1437	Aves	Pachycephalidae	*Pachycephala rufiventris*	rufous whistler	C	None	0	309	09/07/2018
1389	Aves	Pardalotidae	*Pardalotus punctatus*	spotted pardalote	C	None	0	67	18/07/2010
1392	Aves	Pardalotidae	*Pardalotus striatus*	striated pardalote	C	None	0	541	09/07/2018
1360	Aves	Passeridae	*Passer domesticus*	house sparrow	None	None	0	326	27/08/2018
1284	Aves	Pelecanidae	*Pelecanus conspicillatus*	Australian pelican	C	None	0	41	02/11/2009
1347	Aves	Petroicidae	*Eopsaltria australis*	eastern yellow robin	C	None	0	109	09/07/2018
1339	Aves	Petroicidae	*Microeca fascinans*	jacky winter	C	None	0	83	07/06/2017
1330	Aves	Petroicidae	*Petroica boodang*	scarlet robin	C	None	0	3	28/05/2000
1329	Aves	Petroicidae	*Petroica goodenovii*	red-capped robin	C	None	0	14	28/10/2001
1332	Aves	Petroicidae	*Petroica rosea*	rose robin	C	None	0	21	18/07/2010
1261	Aves	Phalacrocoracidae	*Microcarbo melanoleucos*	little pied cormorant	C	None	0	112	09/03/2019
1275	Aves	Phalacrocoracidae	*Phalacrocorax carbo*	great cormorant	C	None	0	23	01/11/2010
1263	Aves	Phalacrocoracidae	*Phalacrocorax sulcirostris*	little black cormorant	C	None	0	39	11/02/2012
1264	Aves	Phalacrocoracidae	*Phalacrocorax varius*	pied cormorant	C	None	0	7	30/09/1992
1699	Aves	Phasianidae	*Coturnix pectoralis*	stubble quail	C	None	0	10	22/02/2003
1687	Aves	Phasianidae	*Coturnix ypsilophora*	brown quail	C	None	0	394	29/11/2015
1955	Aves	Podargidae	*Podargus strigoides*	tawny frogmouth	C	None	0	290	04/01/2018
1271	Aves	Podicipedidae	*Podiceps cristatus*	great crested grebe	C	None	0	4	11/02/2012
1260	Aves	Podicipedidae	*Poliocephalus poliocephalus*	hoary-headed grebe	C	None	0	9	16/05/2015
1249	Aves	Podicipedidae	*Tachybaptus novaehollandiae*	Australasian grebe	C	None	0	120	07/06/2017
1317	Aves	Pomatostomidae	*Pomatostomus superciliosus*	white-browed babbler	C	None	0	1	13/11/1999
1318	Aves	Pomatostomidae	*Pomatostomus temporalis*	grey-crowned babbler	C	None	0	156	07/06/2017
1180	Aves	Psittacidae	*Alisterus scapularis*	Australian king-parrot	C	None	0	226	16/06/2009
1182	Aves	Psittacidae	*Aprosmictus erythropterus*	red-winged parrot	C	None	0	3	30/04/1997
1145	Aves	Psittacidae	*Glossopsitta concinna*	musk lorikeet	C	None	0	20	09/07/2018
1154	Aves	Psittacidae	*Neophema pulchella*	turquoise parrot	C	None	0	4	15/08/1993
1141	Aves	Psittacidae	*Neophema splendida*	scarlet-chested parrot	C	None	0	1	31/05/1992

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1131	Aves	Psittacidae	*Northiella haematogaster haematorrhoa*	blue bonnet (red-vented)	C	None	1	1	13/08/2016
1147	Aves	Psittacidae	*Parvipsitta pusilla*	little lorikeet	C	None	0	76	01/11/2010
1136	Aves	Psittacidae	*Platycercus adscitus*	pale-headed rosella	C	None	0	800	09/05/2019
1138	Aves	Psittacidae	*Platycercus elegans*	crimson rosella	C	None	0	4	04/11/2001
1139	Aves	Psittacidae	*Platycercus eximius*	eastern rosella	C	None	0	4	12/04/2008
1118	Aves	Psittacidae	*Psephotus haematonotus*	red-rumped parrot	C	None	0	198	02/11/2009
1124	Aves	Psittacidae	*Trichoglossus chlorolepidotus*	scaly-breasted lorikeet	C	None	0	540	13/08/2016
1125	Aves	Psittacidae	*Trichoglossus haematodus moluccanus*	rainbow lorikeet	C	None	0	488	20/08/2014
1619	Aves	Psophodidae	*Cinclosoma punctatum*	spotted quail-thrush	C	None	0	1	11/04/1997
1623	Aves	Psophodidae	*Psophodes olivaceus*	eastern whipbird	C	None	0	307	09/05/2019
1320	Aves	Ptilonorhynchidae	*Ptilonorhynchus violaceus*	satin bowerbird	C	None	0	47	13/08/2016
1308	Aves	Ptilonorhynchidae	*Sericulus chrysocephalus*	regent bowerbird	C	None	0	15	06/08/2000
1682	Aves	Rallidae	*Amaurornis moluccana*	pale-vented bush-hen	C	None	0	1	30/01/2004
1686	Aves	Rallidae	*Fulica atra*	Eurasian coot	C	None	0	17	01/11/2010
1673	Aves	Rallidae	*Gallinula tenebrosa*	dusky moorhen	C	None	0	64	01/11/2010
1675	Aves	Rallidae	*Gallirallus philippensis*	buff-banded rail	C	None	0	14	22/11/2003
1662	Aves	Rallidae	*Porphyrio melanotus*	purple swamphen	C	None	0	22	01/11/2010
1665	Aves	Rallidae	*Porzana pusilla*	Baillon's crake	C	None	0	1	15/01/1983
1893	Aves	Recurvirostridae	*Himantopus himantopus*	black-winged stilt	C	None	0	68	07/06/2017
1881	Aves	Recurvirostridae	*Recurvirostra novaehollandiae*	red-necked avocet	C	None	0	19	16/05/2015
1575	Aves	Rhipiduridae	*Rhipidura albiscapa*	grey fantail	C	None	0	305	09/05/2019
1576	Aves	Rhipiduridae	*Rhipidura leucophrys*	willie wagtail	C	None	0	614	09/05/2019
1578	Aves	Rhipiduridae	*Rhipidura rufifrons*	rufous fantail	SL	None	0	25	26/10/2008
1883	Aves	Rostratulidae	*Rostratula australis*	Australian painted snipe	E	E	0	8	03/06/1992
1885	Aves	Scolopacidae	*Actitis hypoleucos*	common sandpiper	SL	None	0	4	10/10/1994
1874	Aves	Scolopacidae	*Calidris acuminata*	sharp-tailed sandpiper	SL	None	0	6	25/01/1993
1880	Aves	Scolopacidae	*Calidris ruficollis*	red-necked stint	SL	None	0	3	31/01/1993
1857	Aves	Scolopacidae	*Gallinago hardwickii*	Latham's snipe	SL	None	0	11	23/09/2006

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1855	Aves	Scolopacidae	*Limosa limosa*	black-tailed godwit	SL	None	0	1	31/12/1991
1845	Aves	Scolopacidae	*Numenius phaeopus*	whimbrel	SL	None	0	2	10/05/1992
1847	Aves	Scolopacidae	*Phalaropus lobatus*	red-necked phalarope	SL	None	0	6	10/05/1992
1853	Aves	Scolopacidae	*Tringa nebularia*	common greenshank	SL	None	0	1	31/12/1991
1841	Aves	Scolopacidae	*Tringa stagnatilis*	marsh sandpiper	SL	None	0	10	21/11/1993
1102	Aves	Strigidae	*Ninox boobook*	southern boobook	C	None	0	160	17/03/2007
1107	Aves	Strigidae	*Ninox strenua*	powerful owl	V	None	0	2	31/12/1978
1314	Aves	Sturnidae	*Acridotheres tristis*	common myna	None	None	0	651	10/11/2016
1303	Aves	Sturnidae	*Sturnus vulgaris*	common starling	None	None	0	522	09/07/2018
1822	Aves	Threskiornithidae	*Platalea flavipes*	yellow-billed spoonbill	C	None	0	24	26/10/2008
1823	Aves	Threskiornithidae	*Platalea regia*	royal spoonbill	C	None	0	26	02/11/2009
1825	Aves	Threskiornithidae	*Plegadis falcinellus*	glossy ibis	SL	None	0	2	31/01/1991
1812	Aves	Threskiornithidae	*Threskiornis molucca*	Australian white ibis	C	None	0	185	30/11/2014
1800	Aves	Threskiornithidae	*Threskiornis spinicollis*	straw-necked ibis	C	None	0	405	09/03/2019
1276	Aves	Timaliidae	*Zosterops lateralis*	silvereye	C	None	0	573	09/07/2018
19677	Aves	Turdidae	*Turdus merula*	common blackbird	P	None	0	3	17/08/2009
1091	Aves	Turnicidae	*Turnix maculosus*	red-backed button-quail	C	None	0	1	16/12/1981
1092	Aves	Turnicidae	*Turnix melanogaster*	black-breasted button-quail	V	V	0	6	03/05/1999
1094	Aves	Turnicidae	*Turnix pyrrhothorax*	red-chested button-quail	C	None	0	4	11/02/2012
1081	Aves	Turnicidae	*Turnix varius*	painted button-quail	C	None	0	24	21/09/1999
1108	Aves	Tytonidae	*Tyto delicatula*	eastern barn owl	C	None	0	12	04/09/2009
18292	Aves	Tytonidae	*Tyto novaehollandiae novaehollandiae*	masked owl (southern subspecies)	C	None	0	1	10/08/1994
35081	Insecta	Aeshnidae	*Anax papuensis*	Australian Emperor	None	None	0	4	23/10/2015
35124	Insecta	Corduliidae	*Hemicordulia australiae*	Australian emerald	None	None	0	1	18/04/2014
35129	Insecta	Corduliidae	*Hemicordulia tau*	tau emerald	None	None	0	1	25/11/2012
35137	Insecta	Diphlebiidae	*Diphlebia nymphoides*	arrowhead rockmaster	None	None	0	1	07/04/2013
35199	Insecta	Libellulidae	*Diplacodes bipunctata*	wandering percher	None	None	0	3	14/12/2013
35200	Insecta	Libellulidae	*Diplacodes haematodes*	scarlet percher	None	None	0	5	14/12/2013
35219	Insecta	Libellulidae	*Orthetrum caledonicum*	blue skimmer	None	None	0	5	14/12/2013
35223	Insecta	Libellulidae	*Orthetrum villosovittatum*	fiery skimmer	None	None	0	1	14/12/2013
35237	Insecta	Libellulidae	*Tramea loewii*	common glider	None	None	0	1	18/04/2014

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9	Insecta	Lycaenidae	*Jalmenus eubulus*	pale imperial hairstreak	V	None	0	1	26/01/2009
19900	Insecta	Lycaenidae	*Jalmenus evagoras*	imperial hairstreak	None	None	0	5	25/12/2005
19313	Insecta	Lycaenidae	*Lampides boeticus*	long-tailed pea-blue	None	None	0	1	23/10/2015
20035	Insecta	Lycaenidae	*Theclinesthes onycha*	None	None	None	0	1	10/02/2019
19316	Insecta	Lycaenidae	*Zizina otis labradus*	common grass-blue (Australian subspecies)	None	None	0	20	14/04/2009
35933	Insecta	Megapodagrionidae	*Austroargiolestes icteromelas*	common flatwing	None	None	0	2	22/02/2013
35252	Insecta	Megapodagrionidae	*Austroargiolestes icteromelas icteromelas*	pale-mouth common flatwing	None	None	0	2	14/12/2013
19149	Insecta	Nymphalidae	*Acraea andromacha andromacha*	glasswing	None	None	0	13	09/03/2019
19147	Insecta	Nymphalidae	*Charaxes sempronius sempronius*	tailed emperor	None	None	0	3	26/10/2008
19179	Insecta	Nymphalidae	*Danaus petilia*	lesser wanderer	None	None	0	23	09/03/2019
19177	Insecta	Nymphalidae	*Danaus plexippus*	monarch	None	None	0	42	23/10/2015
19185	Insecta	Nymphalidae	*Euploea corinna*	common crow	None	None	0	11	20/03/2009
19132	Insecta	Nymphalidae	*Hypocysta pseudirius*	grey ringlet	None	None	0	1	27/09/2014
19163	Insecta	Nymphalidae	*Hypolimnas bolina nerina*	varied eggfly	None	None	0	3	26/01/2009
19172	Insecta	Nymphalidae	*Junonia villida villida*	meadow argus	None	None	0	36	09/03/2019
19159	Insecta	Nymphalidae	*Phaedyma shepherdi shepherdi*	white-banded plane (southern subspecies)	None	None	0	2	11/02/2012
19176	Insecta	Nymphalidae	*Tirumala hamata hamata*	blue tiger	None	None	0	8	09/05/2019
19170	Insecta	Nymphalidae	*Vanessa itea*	yellow admiral	None	None	0	1	01/02/2009
19061	Insecta	Papilionidae	*Graphium choredon*	blue triangle	None	None	0	12	20/03/2009
19068	Insecta	Papilionidae	*Papilio aegeus aegeus*	orchard swallowtail (Australian subspecies)	None	None	0	5	09/03/2019
19067	Insecta	Papilionidae	*Papilio anactus*	dainty swallowtail	None	None	0	3	26/01/2009
19074	Insecta	Papilionidae	*Papilio demoleus sthenelus*	chequered swallowtail	None	None	0	1	30/01/2005
19110	Insecta	Pieridae	*Belenois java teutonia*	caper white	None	None	0	14	09/05/2019
19079	Insecta	Pieridae	*Catopsilia gorgophone gorgophone*	yellow migrant	None	None	0	1	06/09/2003
19078	Insecta	Pieridae	*Catopsilia pomona*	lemon migrant	None	None	0	3	25/12/2005
19077	Insecta	Pieridae	*Catopsilia pyranthe crokera*	white migrant	None	None	0	2	25/12/2005

Taxon Id	Class	Family	Scientific Name	Common Name	NCA	EPBC	Specimens	Records	Last record
19084	Insecta	Pieridae	*Eurema smilax*	small grass-yellow	None	None	0	1	30/01/2005
19118	Insecta	Pieridae	*Pieris rapae*	cabbage white	None	None	0	24	14/04/2009
35268	Insecta	Synlestidae	*Episynlestes albicauda*	southern whitetip	None	None	0	2	17/12/2013
35275	Insecta	Synthemistidae	*Choristhemis flavoterminata*	yellow-tipped tigertail	None	None	0	3	14/12/2013
35300	Insecta	Telephlebiidae	*Austroaeschna sigma*	sigma darner	None	None	0	1	17/12/2013
1067	Mammalia	Canidae	*Canis familiaris*	dog	None	None	0	2	31/12/1978
1068	Mammalia	Canidae	*Canis familiaris (dingo)*	dingo	None	None	0	6	12/04/2008
1071	Mammalia	Canidae	*Vulpes vulpes*	red fox	None	None	0	3	11/03/2012
821	Mammalia	Dasyuridae	*Antechinus sp.*	None	None	None	0	1	11/03/1993
808	Mammalia	Dasyuridae	*Phascogale tapoatafa tapoatafa*	brush-tailed phascogale	C	None	0	2	31/12/1993
811	Mammalia	Dasyuridae	*Planigale maculata*	common planigale	C	None	0	6	31/12/1990
793	Mammalia	Dasyuridae	*Sminthopsis murina*	common dunnart	C	None	0	4	31/12/1990
1006	Mammalia	Emballonuridae	*Saccolaimus flaviventris*	yellow-bellied sheathtail bat	C	None	0	3	04/05/1993
1056	Mammalia	Felidae	*Felis catus*	cat	None	None	0	3	09/03/2019
832	Mammalia	Leporidae	*Lepus europaeus*	European brown hare	None	None	0	50	09/05/2019
834	Mammalia	Leporidae	*Oryctolagus cuniculus*	rabbit	None	None	0	7	28/01/2018
914	Mammalia	Macropodidae	*Macropus dorsalis*	black-striped wallaby	C	None	0	3	06/09/1994
901	Mammalia	Macropodidae	*Macropus giganteus*	eastern grey kangaroo	C	None	0	3	06/09/2017
902	Mammalia	Macropodidae	*Macropus parryi*	whiptail wallaby	C	None	0	1	31/03/2005
904	Mammalia	Macropodidae	*Macropus rufogriseus*	red-necked wallaby	C	None	0	5	11/03/2012
890	Mammalia	Macropodidae	*Petrogale penicillata*	brush-tailed rock-wallaby	V	V	0	3	11/07/1996
885	Mammalia	Macropodidae	*Wallabia bicolor*	swamp wallaby	C	None	0	5	09/05/2019
954	Mammalia	Miniopteridae	*Miniopterus australis*	little bent-wing bat	C	None	0	1	11/03/2012
955	Mammalia	Miniopteridae	*Miniopterus schreibersii oceanensis*	eastern bent-wing bat	C	None	0	5	31/05/1992
22061	Mammalia	Molossidae	*Mormopterus ridei*	eastern free-tailed bat	C	None	0	1	11/03/2012
989	Mammalia	Molossidae	*Tadarida australis*	white-striped freetail bat	C	None	0	1	11/03/2012
767	Mammalia	Muridae	*Hydromys chrysogaster*	water rat	C	None	0	1	21/01/2011
764	Mammalia	Muridae	*Mus musculus*	house mouse	None	None	0	3	01/01/2003
749	Mammalia	Muridae	*Pseudomys gracilicaudatus*	eastern chestnut mouse	C	None	0	6	31/12/1990
731	Mammalia	Muridae	*Rattus rattus*	black rat	None	None	0	3	15/03/2016

Taxon Id	Class	Family	Scientific Name	Common Name	NCA	EPBC	Specimens	Records	Last record
734	Mammalia	Muridae	*Rattus tunneyi*	pale field-rat	C	None	0	1	01/01/2003
836	Mammalia	Ornithorhynchidae	*Ornithorhynchus anatinus*	platypus	SL	None	0	2	12/07/1996
784	Mammalia	Peramelidae	*Isoodon macrourus*	northern brown bandicoot	C	None	0	10	11/03/2012
787	Mammalia	Peramelidae	*Perameles nasuta*	long-nosed bandicoot	C	None	0	6	16/07/2018
877	Mammalia	Petauridae	*Petaurus breviceps*	sugar glider	C	None	0	3	03/11/2017
879	Mammalia	Petauridae	*Petaurus norfolcensis*	squirrel glider	C	None	0	3	07/11/2017
880	Mammalia	Petauridae	*Petaurus sp.*	None	None	None	0	1	15/12/2015
859	Mammalia	Phalangeridae	*Trichosurus vulpecula*	common brushtail possum	C	None	0	6	23/06/2017
860	Mammalia	Phascolarctidae	*Phascolarctos cinereus*	koala	V	V	0	155	03/10/2019
862	Mammalia	Potoroidae	*Aepyprymnus rufescens*	rufous bettong	C	None	0	1	31/12/1978
851	Mammalia	Pseudocheiridae	*Pseudocheirus peregrinus*	common ringtail possum	C	None	0	2	11/08/2018
984	Mammalia	Pteropodidae	*Pteropus alecto*	black flying-fox	C	None	0	7	28/10/2016
962	Mammalia	Pteropodidae	*Pteropus poliocephalus*	grey-headed flying-fox	C	V	0	7	21/10/2011
963	Mammalia	Pteropodidae	*Pteropus scapulatus*	little red flying-fox	C	None	0	4	02/11/2012
838	Mammalia	Tachyglossidae	*Tachyglossus aculeatus*	short-beaked echidna	SL	None	0	7	29/02/2016
972	Mammalia	Vespertilionidae	*Chalinolobus gouldii*	Gould's wattled bat	C	None	0	2	11/03/2012
948	Mammalia	Vespertilionidae	*Chalinolobus picatus*	little pied bat	C	None	0	1	18/12/2001
935	Mammalia	Vespertilionidae	*Nyctophilus geoffroyi*	lesser long-eared bat	C	None	0	3	09/04/1997
936	Mammalia	Vespertilionidae	*Nyctophilus gouldi*	Gould's long-eared bat	C	None	0	1	13/05/1995
938	Mammalia	Vespertilionidae	*Nyctophilus sp.*	None	None	None	0	1	11/03/2012
943	Mammalia	Vespertilionidae	*Scoteanax rueppellii*	greater broad-nosed bat	C	None	0	1	15/03/1995
931	Mammalia	Vespertilionidae	*Scotorepens greyii*	little broad-nosed bat	C	None	0	1	11/03/2012
929	Mammalia	Vespertilionidae	*Vespadelus vulturnus*	little forest bat	C	None	0	1	11/03/2012
560	Reptilia	Agamidae	*Amphibolurus muricatus*	jacky lizard	C	None	0	1	19/03/1990
554	Reptilia	Agamidae	*Intellagama lesueurii*	eastern water dragon	C	None	0	9	28/01/2015
556	Reptilia	Agamidae	*Pogona barbata*	bearded dragon	C	None	0	16	13/11/2017
519	Reptilia	Boidae	*Morelia spilota*	carpet python	C	None	0	5	22/09/1992
396	Reptilia	Carphodactylidae	*Underwoodisaurus milii*	thick-tailed gecko	C	None	0	2	08/06/1996

Taxon Id	Class	Family	Scientific Name	Common Name	NCA	EPBC	Specimens	Records	Last record
62	Reptilia	Chelidae	*Chelodina expansa*	broad-shelled river turtle	C	None	0	1	30/04/1990
63	Reptilia	Chelidae	*Chelodina longicollis*	eastern snake-necked turtle	C	None	0	3	25/07/1992
43	Reptilia	Chelidae	*Emydura macquarii macquarii*	Murray turtle	C	None	0	1	31/12/1991
522	Reptilia	Colubridae	*Boiga irregularis*	brown tree snake	C	None	0	2	31/01/1993
512	Reptilia	Colubridae	*Dendrelaphis punctulatus*	green tree snake	C	None	0	3	02/11/2012
508	Reptilia	Colubridae	*Tropidonophis mairii*	freshwater snake	C	None	0	6	03/06/1994
429	Reptilia	Diplodactylidae	*Diplodactylus vittatus*	wood gecko	C	None	0	1	16/03/2016
391	Reptilia	Diplodactylidae	*Nebulifera robusta*	robust velvet gecko	C	None	0	1	10/11/2016
501	Reptilia	Elapidae	*Cacophis harriettae*	white-crowned snake	C	None	0	1	30/04/1992
490	Reptilia	Elapidae	*Cacophis squamulosus*	golden crowned snake	C	None	0	3	02/03/2005
457	Reptilia	Elapidae	*Cryptophis nigrescens*	eastern small-eyed snake	C	None	0	2	15/11/2017
493	Reptilia	Elapidae	*Demansia psammophis*	yellow-faced whipsnake	C	None	0	4	14/02/2005
438	Reptilia	Elapidae	*Parasuta dwyeri*	Dwyer's snake	C	None	0	1	23/01/2002
462	Reptilia	Elapidae	*Pseudechis porphyriacus*	red-bellied black snake	C	None	0	6	15/03/2016
454	Reptilia	Elapidae	*Pseudonaja textilis*	eastern brown snake	C	None	0	6	31/10/2016
420	Reptilia	Gekkonidae	*Gehyra dubia*	dubious dtella	C	None	0	1	11/03/2012
411	Reptilia	Gekkonidae	*Hemidactylus frenatus*	house gecko	None	None	0	2	10/02/2019
413	Reptilia	Gekkonidae	*Heteronotia binoei*	Bynoe's gecko	C	None	0	1	23/10/2015
321	Reptilia	Pygopodidae	*Delma plebeia*	common delma	C	None	0	6	23/10/2015
323	Reptilia	Pygopodidae	*Delma tincta*	excitable delma	C	None	0	1	01/01/2003
324	Reptilia	Pygopodidae	*Delma torquata*	collared delma	V	V	0	115	26/09/2016
325	Reptilia	Pygopodidae	*Lialis burtonis*	Burton's legless lizard	C	None	0	1	31/10/1990
308	Reptilia	Scincidae	*Anomalopus verreauxii*	three-clawed worm-skink	C	None	0	3	14/03/2016
312	Reptilia	Scincidae	*Calyptotis scutirostrum*	scute-snouted calyptotis	C	None	0	5	09/11/2017
276	Reptilia	Scincidae	*Carlia tetradactyla*	southern rainbow-skink	C	None	0	3	01/02/2009
277	Reptilia	Scincidae	*Carlia vivax*	tussock rainbow-skink	C	None	0	1	10/11/2016
193	Reptilia	Scincidae	*Concinnia tenuis*	bar-sided skink	C	None	0	3	03/01/2010
31898	Reptilia	Scincidae	*Cryptoblepharus pulcher pulcher*	elegant snake-eyed skink	C	None	0	4	10/02/2019
240	Reptilia	Scincidae	*Ctenotus spaldingi*	straight-browed ctenotus	C	None	0	5	23/10/2015

Taxon Id	Class	Family	Scientific Name	Common Name	NCA	EPBC	Specimens	Records	Last record
243	Reptilia	Scincidae	*Ctenotus taeniolatus*	copper-tailed skink	C	None	0	4	08/08/1993
220	Reptilia	Scincidae	*Egernia cunninghami*	Cunningham's skink	C	None	0	4	02/03/2016
190	Reptilia	Scincidae	*Eulamprus quoyii*	eastern water skink	C	None	0	2	26/02/2016
184	Reptilia	Scincidae	*Lampropholis delicata*	dark-flecked garden sunskink	C	None	0	3	11/11/2017
170	Reptilia	Scincidae	*Lampropholis guichenoti*	pale-flecked garden sunskink	C	None	0	4	02/03/2016
226	Reptilia	Scincidae	*Liopholis modesta*	eastern ranges rock-skink	C	None	0	3	04/02/1994
150	Reptilia	Scincidae	*Lygisaurus foliorum*	tree-base litter-skink	C	None	0	2	09/03/2019
127	Reptilia	Scincidae	*Menetia greyii*	common dwarf skink	C	None	0	1	23/10/2015
134	Reptilia	Scincidae	*Morethia boulengeri*	south-eastern morethia skink	C	None	0	1	09/04/1993
138	Reptilia	Scincidae	*Morethia taeniopleura*	fire-tailed skink	C	None	0	1	11/03/2012
104	Reptilia	Scincidae	*Tiliqua scincoides*	eastern blue-tongued lizard	C	None	0	4	12/01/2017
92	Reptilia	Typhlopidae	*Anilios nigrescens*	blackish blind snake	C	None	0	1	01/02/2005
81	Reptilia	Typhlopidae	*Anilios sp.*	None	None	None	0	2	15/12/2015
83	Reptilia	Typhlopidae	*Anilios wiedii*	brown-snouted blind snake	C	None	0	2	11/11/2015
61	Reptilia	Varanidae	*Varanus varius*	lace monitor	C	None	0	1	31/10/1991

Table 3. Plants recorded within the area of interest and its one kilometre buffer

Taxon Id	Class	Family	Scientific Name	Common Name	NCA	EPBC	Specimens	Records	Last record
17767	Equisetopsida	Acanthaceae	*Brunoniella australis*	blue trumpet	C	None	0	1	17/03/2005
16375	Equisetopsida	Acanthaceae	*Pseuderanthemum variabile*	pastel flower	C	None	0	1	17/03/2005
16262	Equisetopsida	Acanthaceae	*Rostellularia adscendens*	None	C	None	0	1	17/03/2005
33640	Equisetopsida	Acanthaceae	*Ruellia simplex*	None	None	None	1	1	07/04/2011
34960	Equisetopsida	Adoxaceae	*Viburnum odoratissimum var. awabuki*	sweet viburnum `emerald lustre¿	None	None	1	1	18/12/2014
26257	Equisetopsida	Alliaceae	*Nothoscordum borbonicum*	None	None	None	0	2	05/11/2003
11782	Equisetopsida	Amaranthaceae	*Guilleminea densa*	small matweed	None	None	1	1	31/05/1996
11702	Equisetopsida	Amaryllidaceae	*Proiphys cunninghamii*	Moreton Bay lily	C	None	0	1	17/03/2005
17172	Equisetopsida	Anacardiaceae	*Euroschinus falcatus var. falcatus*	None	C	None	1	1	17/12/2014
14256	Equisetopsida	Anacardiaceae	*Rhodosphaera rhodanthema*	tulip satinwood	C	None	0	1	17/03/2005

Taxon Id	Class	Family	Scientific Name	Common Name	NCA	EPBC	Specimens	Records	Last record
29155	Equisetopsida	Anomodontaceae	*Anomodon pseudotristis*	None	C	None	1	1	31/12/1888
9880	Equisetopsida	Aphanopetalaceae	*Aphanopetalum resinosum*	gumvine	C	None	0	1	17/03/2005
15545	Equisetopsida	Apiaceae	*Centella asiatica*	None	C	None	0	1	17/03/2005
15504	Equisetopsida	Apiaceae	*Conium maculatum*	poison hemlock	None	None	2	2	23/10/1947
15495	Equisetopsida	Apiaceae	*Cyclospermum leptophyllum*	None	None	None	0	1	05/11/2003
12626	Equisetopsida	Apiaceae	*Foeniculum vulgare*	fennel	None	None	1	2	01/11/2003
9484	Equisetopsida	Apocynaceae	*Alstonia constricta*	bitterbark	C	None	0	1	17/03/2005
19732	Equisetopsida	Apocynaceae	*Alyxia ruscifolia*	None	C	None	0	1	17/03/2005
8244	Equisetopsida	Apocynaceae	*Araujia sericifera*	white moth vine	None	None	0	1	01/11/2003
9698	Equisetopsida	Apocynaceae	*Carissa ovata*	currantbush	C	None	1	2	17/03/2005
17050	Equisetopsida	Apocynaceae	*Gomphocarpus physocarpus*	balloon cottonbush	None	None	0	2	05/11/2003
11205	Equisetopsida	Apocynaceae	*Marsdenia coronata*	slender milkvine	V	None	1	1	10/06/2019
11208	Equisetopsida	Apocynaceae	*Marsdenia viridiflora subsp. viridiflora*	None	C	None	1	1	05/12/2007
16526	Equisetopsida	Apocynaceae	*Parsonsia straminea*	monkey rope	C	None	0	1	17/03/2005
41249	Equisetopsida	Apocynaceae	*Vincetoxicum grandiflorum*	None	C	None	1	1	31/05/1989
35914	Equisetopsida	Apocynaceae	*Vincetoxicum ovatum*	None	C	None	0	1	17/03/2005
12389	Equisetopsida	Araceae	*Gymnostachys anceps*	settler's flax	C	None	0	1	17/03/2005
11142	Equisetopsida	Araceae	*Typhonium brownii*	black arum lily	C	None	0	2	17/03/2005
15277	Equisetopsida	Araliaceae	*Hydrocotyle acutiloba*	None	C	None	0	1	17/03/2005
8462	Equisetopsida	Araliaceae	*Polyscias elegans*	celery wood	C	None	1	2	17/03/2005
14014	Equisetopsida	Asphodelaceae	*Bulbine bulbosa*	golden lily	C	None	1	1	24/10/1999
17937	Equisetopsida	Aspleniaceae	*Asplenium australasicum*	None	C	None	0	2	17/03/2005
35711	Equisetopsida	Aspleniaceae	*Asplenium subglandulosum subsp. subglandulosum*	None	C	None	1	1	07/11/2000
35061	Equisetopsida	Asteraceae	*Apowollastonia spilanthoides*	None	C	None	0	1	17/03/2005
15644	Equisetopsida	Asteraceae	*Arctotheca calendula*	Cape weed	None	None	2	2	30/09/2012
15612	Equisetopsida	Asteraceae	*Baccharis halimifolia*	groundsel bush	None	None	0	1	05/11/2003

Taxon Id	Class	Family	Scientific Name	Common Name	NCA	EPBC	Specimens	Records	Last record
7691	Equisetopsida	Asteraceae	*Bidens pilosa*	None	None	None	0	1	01/11/2003
11093	Equisetopsida	Asteraceae	*Brachyscome*	None	None	None	0	1	17/03/2005
14793	Equisetopsida	Asteraceae	*Brachyscome dentata*	None	C	None	1	1	07/04/2011
15568	Equisetopsida	Asteraceae	*Calotis lappulacea*	yellow burr daisy	C	None	0	1	17/03/2005
9664	Equisetopsida	Asteraceae	*Carduus pycnocephalus*	None	None	None	0	1	07/12/2008
14781	Equisetopsida	Asteraceae	*Carthamus lanatus*	saffron thistle	None	None	0	1	05/11/2003
14738	Equisetopsida	Asteraceae	*Cassinia laevis*	None	C	None	0	1	17/03/2005
10073	Equisetopsida	Asteraceae	*Centaurea melitensis*	Maltese cockspur	None	None	1	1	24/10/1999
8398	Equisetopsida	Asteraceae	*Chrysocephalum apiculatum*	yellow buttons	C	None	0	1	17/03/2005
14001	Equisetopsida	Asteraceae	*Cirsium vulgare*	spear thistle	None	None	0	2	05/11/2003
22237	Equisetopsida	Asteraceae	*Cyanthillium cinereum*	None	C	None	0	1	17/03/2005
9092	Equisetopsida	Asteraceae	*Glossocardia bidens*	native cobbler's pegs	C	None	0	1	17/03/2005
31935	Equisetopsida	Asteraceae	*Hypochaeris albiflora*	None	None	None	0	1	29/10/2005
10151	Equisetopsida	Asteraceae	*Lactuca serriola*	prickly lettuce	None	None	0	2	05/11/2003
26774	Equisetopsida	Asteraceae	*Leiocarpa brevicompta*	None	C	None	1	1	07/04/2011
15212	Equisetopsida	Asteraceae	*Olearia elliptica subsp. elliptica*	sticky daisy bush	C	None	2	3	17/03/2005
19978	Equisetopsida	Asteraceae	*Picris angustifolia*	None	C	None	0	1	17/03/2005
10604	Equisetopsida	Asteraceae	*Picris evae*	None	V	V	1	3	01/02/2018
31135	Equisetopsida	Asteraceae	*Rhaponticum australe*	None	V	V	1	1	24/10/1999
20007	Equisetopsida	Asteraceae	*Senecio hispidulus*	None	C	None	0	1	17/03/2005
9326	Equisetopsida	Asteraceae	*Senecio minimus*	None	C	None	0	1	17/03/2005
15038	Equisetopsida	Asteraceae	*Sonchus asper*	rough sowthistle	None	None	1	1	23/10/1947
15039	Equisetopsida	Asteraceae	*Sonchus oleraceus*	common sowthistle	None	None	0	1	01/11/2003
13755	Equisetopsida	Asteraceae	*Tagetes minuta*	stinking roger	None	None	0	2	05/11/2003
11639	Equisetopsida	Asteraceae	*Tanacetum vulgare*	tansy	None	None	1	1	11/11/2002

Taxon Id	Class	Family	Scientific Name	Common Name	NCA	EPBC	Specimens	Records	Last record
10448	Equisetopsida	Asteraceae	*Taraxacum officinale*	dandelion	None	None	0	1	25/10/2005
16008	Equisetopsida	Asteraceae	*Tragopogon porrifolius*	salsify	None	None	1	1	24/10/1999
10459	Equisetopsida	Asteraceae	*Vittadinia*	None	None	None	0	1	17/03/2005
12899	Equisetopsida	Asteraceae	*Vittadinia pterochaeta*	rough fuzzweed	C	None	1	1	23/10/1947
27470	Equisetopsida	Asteraceae	*Xerochrysum bracteatum*	golden everlasting daisy	C	None	0	1	17/03/2005
11266	Equisetopsida	Basellaceae	*Anredera cordifolia*	Madeira vine	None	None	0	1	13/01/2005
16570	Equisetopsida	Bignoniaceae	*Pandorea pandorana*	wonga vine	C	None	0	2	17/03/2005
14613	Equisetopsida	Blechnaceae	*Doodia aspera*	prickly rasp fern	C	None	0	1	17/03/2005
10554	Equisetopsida	Brassicaceae	*Capsella bursa-pastoris*	shepherd's purse	None	None	0	1	05/11/2003
15322	Equisetopsida	Brassicaceae	*Hirschfeldia incana*	buchan weed	None	None	1	1	05/08/1976
15098	Equisetopsida	Brassicaceae	*Raphanus raphanistrum*	wild radish	None	None	2	2	23/10/1947
11630	Equisetopsida	Brassicaceae	*Rapistrum rugosum*	None	None	None	0	1	05/11/2003
14260	Equisetopsida	Brassicaceae	*Rorippa nasturtium-aquaticum*	watercress	None	None	0	1	25/10/2003
10617	Equisetopsida	Brassicaceae	*Sisymbrium officinale*	hedge mustard	None	None	1	1	23/10/1947
19352	Equisetopsida	Cactaceae	*Opuntia stricta*	None	None	None	0	1	25/10/2003
9535	Equisetopsida	Cactaceae	*Opuntia tomentosa*	velvety tree pear	None	None	0	15	09/05/2019
36114	Equisetopsida	Caesalpiniaceae	*Erythrostemon gilliesii*	None	None	None	1	1	24/10/1999
5852	Equisetopsida	Caesalpiniaceae	*Senna sophera var. (40Mile Scrub J.R.Clarkson+ 6908)*	None	C	None	1	1	02/05/2004
16766	Equisetopsida	Campanulaceae	*Lobelia purpurascens*	white root	C	None	0	1	17/03/2005
15918	Equisetopsida	Campanulaceae	*Wahlenbergia gracilis*	sprawling bluebell	C	None	0	1	17/03/2005
19393	Equisetopsida	Campanulaceae	*Wahlenbergia stricta*	None	C	None	0	1	17/03/2005
13981	Equisetopsida	Cannaceae	*Canna indica*	Indian shot	None	None	0	1	01/11/2003
17725	Equisetopsida	Capparaceae	*Capparis arborea*	brush caper berry	C	None	0	1	17/03/2005
16508	Equisetopsida	Caryophyllaceae	*Petrorhagia nanteuilii*	proliferous pink	None	None	1	2	01/11/2003
13748	Equisetopsida	Caryophyllaceae	*Stellaria media*	chickweed	None	None	1	1	09/09/1996

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18013	Equisetopsida	Casuarinaceae	*Allocasuarina luehmannii*	bull oak	C	None	0	1	25/06/1999
18014	Equisetopsida	Casuarinaceae	*Allocasuarina torulosa*	None	C	None	1	2	17/12/2014
9087	Equisetopsida	Casuarinaceae	*Casuarina cunninghamiana*	None	C	None	0	2	17/03/2005
11097	Equisetopsida	Celastraceae	*Celastrus subspicata*	large-leaved staffvine	C	None	2	2	09/01/1992
34774	Equisetopsida	Celastraceae	*Denhamia bilocularis*	None	C	None	0	1	17/03/2005
14636	Equisetopsida	Celastraceae	*Denhamia celastroides*	broad-leaved boxwood	C	None	0	1	17/03/2005
17456	Equisetopsida	Celastraceae	*Denhamia pittosporoides subsp. pittosporoides*	None	C	None	1	1	22/08/1991
15034	Equisetopsida	Celastraceae	*Siphonodon australis*	ivorywood	C	None	1	1	27/04/1991
17684	Equisetopsida	Chenopodiaceae	*Chenopodium album*	fat-hen	None	None	1	1	31/05/1996
34474	Equisetopsida	Chenopodiaceae	*Dysphania pumilio*	None	C	None	0	1	17/03/2005
15283	Equisetopsida	Clusiaceae	*Hypericum gramineum*	None	C	None	0	1	17/03/2005
12969	Equisetopsida	Colchicaceae	*Iphigenia indica*	None	C	None	0	1	17/03/2005
17996	Equisetopsida	Commelinaceae	*Aneilema acuminatum*	None	C	None	0	1	17/03/2005
17593	Equisetopsida	Commelinaceae	*Commelina*	None	None	None	0	1	17/03/2005
10552	Equisetopsida	Convolvulaceae	*Calystegia marginata*	forest bindweed	C	None	0	1	17/03/2005
14649	Equisetopsida	Convolvulaceae	*Cuscuta campestris*	dodder	None	None	1	1	26/02/1969
17422	Equisetopsida	Convolvulaceae	*Dichondra repens*	kidney weed	C	None	0	3	17/03/2005
16399	Equisetopsida	Convolvulaceae	*Polymeria*	None	None	None	0	1	17/03/2005
21934	Equisetopsida	Crassulaceae	*Bryophyllum delagoense*	None	None	None	0	1	28/10/2015
17770	Equisetopsida	Crassulaceae	*Bryophyllum proliferum*	None	None	None	1	1	06/07/1994
9267	Equisetopsida	Crassulaceae	*Crassula sieberiana*	None	C	None	0	1	17/03/2005
19806	Equisetopsida	Cucurbitaceae	*Cucumis anguria*	None	None	None	0	1	09/07/1996
11495	Equisetopsida	Cucurbitaceae	*Cucumis myriocarpus subsp. myriocarpus*	prickly paddemelon	None	None	0	1	07/07/2018
18824	Equisetopsida	Cucurbitaceae	*Diplocyclos palmatus*	None	C	None	0	1	17/03/2005
14202	Equisetopsida	Cucurbitaceae	*Sicyos australis*	star cucumber	C	None	0	1	17/03/2005
8221	Equisetopsida	Cupressaceae	*Callitris glaucophylla*	white cypress pine	C	None	1	1	11/05/1991

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17554	Equisetopsida	Cyatheaceae	*Cyathea cooperi*	None	C	None	1	1	17/12/2014
11854	Equisetopsida	Cyperaceae	*Carex declinata*	None	C	None	1	1	31/07/2003
9855	Equisetopsida	Cyperaceae	*Cyperus clarus*	None	V	None	1	1	27/03/2018
14662	Equisetopsida	Cyperaceae	*Cyperus eragrostis*	None	None	None	1	1	07/04/2011
17519	Equisetopsida	Cyperaceae	*Cyperus fulvus*	None	C	None	0	1	17/03/2005
17521	Equisetopsida	Cyperaceae	*Cyperus gracilis*	None	C	None	0	1	17/03/2005
11454	Equisetopsida	Cyperaceae	*Cyperus rigidellus*	None	C	None	0	1	17/03/2005
17478	Equisetopsida	Cyperaceae	*Cyperus rotundus*	nutgrass	None	None	0	1	01/11/2003
17107	Equisetopsida	Cyperaceae	*Fimbristylis dichotoma*	common fringe-rush	C	None	0	1	17/03/2005
17078	Equisetopsida	Cyperaceae	*Gahnia aspera*	None	C	None	0	1	17/03/2005
9381	Equisetopsida	Cyperaceae	*Lepidosperma laterale*	None	C	None	0	1	17/03/2005
17497	Equisetopsida	Davalliaceae	*Davallia pyxidata*	None	C	None	0	2	17/03/2005
16340	Equisetopsida	Dennstaedtiaceae	*Pteridium esculentum*	common bracken	C	None	0	1	17/03/2005
16941	Equisetopsida	Dilleniaceae	*Hibbertia linearis*	None	C	None	0	1	17/03/2005
17443	Equisetopsida	Ebenaceae	*Diospyros geminata*	scaly ebony	C	None	0	1	17/03/2005
17445	Equisetopsida	Ebenaceae	*Diospyros humilis*	small-leaved ebony	C	None	1	1	22/08/1991
14572	Equisetopsida	Elaeocarpaceae	*Elaeocarpus obovatus*	blueberry ash	C	None	1	1	17/12/2014
6349	Equisetopsida	Erythroxylaceae	*Erythroxylum sp. (Splityard Creek L.Pedley 5360)*	None	C	None	1	1	05/12/2007
17562	Equisetopsida	Euphorbiaceae	*Croton phebalioides*	narrow-leaved croton	C	None	1	1	10/01/1992
17179	Equisetopsida	Euphorbiaceae	*Excoecaria dallachyana*	scrub poison tree	C	None	1	1	25/07/1991
5284	Equisetopsida	Euphorbiaceae	*Homalanthus populifolius*	None	C	None	0	1	17/03/2005
16715	Equisetopsida	Euphorbiaceae	*Mallotus philippensis*	red kamala	C	None	0	1	17/03/2005
11288	Equisetopsida	Euphorbiaceae	*Ricinus communis*	castor oil bush	None	None	0	1	29/05/2005
15471	Equisetopsida	Fabaceae	*Crotalaria montana*	None	C	None	0	1	17/03/2005
15460	Equisetopsida	Fabaceae	*Desmodium rhytidophyllum*	None	C	None	0	1	17/03/2005
13935	Equisetopsida	Fabaceae	*Desmodium varians*	slender tick trefoil	C	None	0	1	17/03/2005

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15334	Equisetopsida	Fabaceae	*Erythrina vespertilio*	None	C	None	0	1	17/03/2005
7603	Equisetopsida	Fabaceae	*Glycine clandestina*	None	C	None	0	1	17/03/2005
15356	Equisetopsida	Fabaceae	*Glycine tabacina*	glycine pea	C	None	0	1	17/03/2005
15357	Equisetopsida	Fabaceae	*Glycine tomentella*	woolly glycine	C	None	0	1	17/03/2005
15309	Equisetopsida	Fabaceae	*Hardenbergia violacea*	None	C	None	0	1	17/03/2005
22172	Equisetopsida	Fabaceae	*Hovea lorata*	None	C	None	1	1	16/08/1986
9630	Equisetopsida	Fabaceae	*Hovea planifolia*	None	C	None	2	2	16/08/1986
26614	Equisetopsida	Fabaceae	*Hovea planifolia x Hovea ramulosa*	None	C	None	3	3	16/08/1986
15291	Equisetopsida	Fabaceae	*Indigofera australis*	None	C	None	0	1	17/03/2005
15294	Equisetopsida	Fabaceae	*Indigofera hirsuta*	hairy indigo	C	None	0	1	17/03/2005
19911	Equisetopsida	Fabaceae	*Lespedeza juncea*	None	C	None	0	1	17/03/2005
12946	Equisetopsida	Fabaceae	*Medicago sativa*	lucerne	None	None	0	2	05/11/2003
15240	Equisetopsida	Fabaceae	*Melilotus albus*	sweet clover	None	None	0	1	05/11/2003
15241	Equisetopsida	Fabaceae	*Melilotus indicus*	hexham scent	None	None	0	1	05/11/2003
13120	Equisetopsida	Fabaceae	*Rhynchosia*	None	None	None	0	1	17/03/2005
10791	Equisetopsida	Fabaceae	*Sophora fraseri*	brush sophora	V	V	1	1	03/07/2018
8254	Equisetopsida	Fabaceae	*Swainsona queenslandica*	None	C	None	1	1	24/10/1999
7573	Equisetopsida	Fabaceae	*Swainsona reticulata*	None	C	None	1	1	05/10/2006
14149	Equisetopsida	Fabaceae	*Tephrosia rufula*	None	C	None	0	1	17/03/2005
9201	Equisetopsida	Fabaceae	*Trifolium campestre var. campestre*	None	None	None	1	1	09/09/1996
14990	Equisetopsida	Fabaceae	*Trifolium repens var. repens*	white clover	None	None	0	2	05/11/2003
21949	Equisetopsida	Fabaceae	*Zornia dyctiocarpa*	None	C	None	0	1	17/03/2005
11472	Equisetopsida	Geraniaceae	*Erodium crinitum*	blue crowfoot	C	None	0	1	01/11/2003
11053	Equisetopsida	Geraniaceae	*Geranium homeanum*	None	C	None	0	1	17/03/2005
11438	Equisetopsida	Goodeniaceae	*Goodenia*	None	None	None	0	1	17/03/2005
14714	Equisetopsida	Gyrostemonaceae	*Codonocarpus attenuatus*	None	C	None	0	1	17/03/2005

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17017	Equisetopsida	Haloragaceae	*Haloragis heterophylla*	rough raspweed	C	None	0	1	17/03/2005
13239	Equisetopsida	Hemerocallidaceae	*Dianella brevipedunculata*	None	C	None	0	1	17/03/2005
10281	Equisetopsida	Hemerocallidaceae	*Dianella longifolia*	None	C	None	1	1	07/04/2011
15350	Equisetopsida	Hemerocallidaceae	*Geitonoplesium cymosum*	scrambling lily	C	None	0	1	17/03/2005
6628	Equisetopsida	Hypoxidaceae	*Hypoxis pratensis*	None	C	None	0	1	17/03/2005
9363	Equisetopsida	Johnsoniaceae	*Caesia parviflora*	None	C	None	1	2	07/04/2011
15667	Equisetopsida	Lamiaceae	*Ajuga australis*	Australian bugle	C	None	0	1	17/03/2005
17628	Equisetopsida	Lamiaceae	*Clerodendrum floribundum*	None	C	None	0	1	17/03/2005
41035	Equisetopsida	Lamiaceae	*Coleus australis*	None	C	None	0	1	17/03/2005
11789	Equisetopsida	Lamiaceae	*Mentha australis*	river mint	C	None	0	1	17/03/2005
15243	Equisetopsida	Lamiaceae	*Mentha satureioides*	native pennyroyal	C	None	1	2	07/04/2011
11767	Equisetopsida	Lamiaceae	*Salvia verbenaca*	wild sage	None	None	1	1	24/10/1999
9076	Equisetopsida	Lamiaceae	*Teucrium argutum*	None	C	None	0	1	17/03/2005
17975	Equisetopsida	Laxmanniaceae	*Arthropodium milleflorum*	vanilla lily	C	None	0	1	17/03/2005
14724	Equisetopsida	Laxmanniaceae	*Cordyline petiolaris*	large-leaved palm lily	C	None	0	1	17/03/2005
15339	Equisetopsida	Laxmanniaceae	*Eustrephus latifolius*	wombat berry	C	None	0	2	17/03/2005
16771	Equisetopsida	Laxmanniaceae	*Lomandra filiformis*	None	C	None	0	1	17/03/2005
16776	Equisetopsida	Laxmanniaceae	*Lomandra longifolia*	None	C	None	0	3	29/10/2005
18792	Equisetopsida	Laxmanniaceae	*Lomandra multiflora*	None	C	None	0	1	17/03/2005
18348	Equisetopsida	Laxmanniaceae	*Thysanotus tuberosus*	None	C	None	0	2	17/03/2005
9417	Equisetopsida	Lentibulariaceae	*Utricularia gibba*	floating bladderwort	C	None	1	1	28/02/2019
17990	Equisetopsida	Loranthaceae	*Amyema lucasii*	None	C	None	1	1	05/12/2007
13236	Equisetopsida	Loranthaceae	*Dendrophthoe glabrescens*	None	C	None	1	2	12/12/2014
14420	Equisetopsida	Loranthaceae	*Lysiana subfalcata*	None	C	None	1	1	05/12/2007
18089	Equisetopsida	Malvaceae	*Abutilon oxycarpum*	None	C	None	0	1	17/03/2005
33995	Equisetopsida	Malvaceae	*Hibiscus tridactylites*	None	C	None	2	2	07/04/2011

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12949	Equisetopsida	Malvaceae	*Modiola caroliniana*	red-flowered mallow	None	None	0	2	05/11/2003
14347	Equisetopsida	Malvaceae	*Pavonia hastata*	pink pavonia	None	None	0	2	05/11/2003
22197	Equisetopsida	Malvaceae	*Sida hackettiana*	None	C	None	0	1	17/03/2005
16146	Equisetopsida	Malvaceae	*Sida rhombifolia*	None	None	None	0	2	17/03/2005
16661	Equisetopsida	Meliaceae	*Melia azedarach*	white cedar	C	None	1	1	11/05/1991
16004	Equisetopsida	Meliaceae	*Toona ciliata*	red cedar	C	None	1	1	17/12/2014
15987	Equisetopsida	Meliaceae	*Turraea pubescens*	native honeysuckle	C	None	1	1	27/04/1991
16860	Equisetopsida	Menispermaceae	*Legnephora moorei*	None	C	None	0	1	17/03/2005
9647	Equisetopsida	Menispermaceae	*Stephania japonica*	None	C	None	0	1	17/03/2005
15998	Equisetopsida	Menispermaceae	*Tinospora smilacina*	snakevine	C	None	0	1	17/03/2005
15790	Equisetopsida	Mimosaceae	*Acacia concurrens*	None	C	None	0	1	25/06/1999
15796	Equisetopsida	Mimosaceae	*Acacia decora*	pretty wattle	C	None	1	1	07/11/2000
15799	Equisetopsida	Mimosaceae	*Acacia falcata*	sickle wattle	C	None	0	1	17/03/2005
15745	Equisetopsida	Mimosaceae	*Acacia fimbriata*	Brisbane golden wattle	C	None	0	1	17/03/2005
14909	Equisetopsida	Mimosaceae	*Acacia glaucocarpa*	hickory wattle	C	None	0	1	17/03/2005
15758	Equisetopsida	Mimosaceae	*Acacia implexa*	lightwood	C	None	0	1	17/03/2005
15720	Equisetopsida	Mimosaceae	*Acacia melanoxylon*	blackwood	C	None	0	1	17/03/2005
14890	Equisetopsida	Mimosaceae	*Acacia penninervis*	None	C	None	0	1	25/06/1999
15739	Equisetopsida	Mimosaceae	*Acacia podalyriifolia*	Queensland silver wattle	C	None	0	1	17/03/2005
15694	Equisetopsida	Mimosaceae	*Acacia salicina*	doolan	C	None	1	3	17/03/2005
35581	Equisetopsida	Moraceae	*Ficus henneana*	None	C	None	0	1	17/03/2005
22365	Equisetopsida	Moraceae	*Ficus rubiginosa forma glabrescens*	None	C	None	1	1	01/08/1999
13825	Equisetopsida	Moraceae	*Maclura cochinchinensis*	cockspur thorn	C	None	0	1	17/03/2005
9118	Equisetopsida	Moraceae	*Streblus brunonianus*	whalebone tree	C	None	0	1	17/03/2005
17998	Equisetopsida	Myrtaceae	*Angophora floribunda*	rough-barked apple	C	None	1	2	17/03/2005
17999	Equisetopsida	Myrtaceae	*Angophora leiocarpa*	rusty gum	C	None	0	1	25/06/1999

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6531	Equisetopsida	Myrtaceae	*Corymbia citriodora*	spotted gum	C	None	0	2	25/06/1999
6534	Equisetopsida	Myrtaceae	*Corymbia clarksoniana*	None	C	None	1	2	01/10/1999
6445	Equisetopsida	Myrtaceae	*Corymbia intermedia*	pink bloodwood	C	None	0	1	17/03/2005
6572	Equisetopsida	Myrtaceae	*Corymbia tessellaris*	Moreton Bay ash	C	None	0	2	25/06/1999
8935	Equisetopsida	Myrtaceae	*Eucalyptus carnea*	None	C	None	1	1	11/04/1997
17252	Equisetopsida	Myrtaceae	*Eucalyptus crebra*	narrow-leaved red ironbark	C	None	0	2	17/03/2005
9109	Equisetopsida	Myrtaceae	*Eucalyptus nobilis*	manna gum	C	None	2	2	07/11/2000
17204	Equisetopsida	Myrtaceae	*Eucalyptus tereticornis*	None	C	None	0	3	17/03/2005
35032	Equisetopsida	Myrtaceae	*Eucalyptus tereticornis subsp. basaltica*	None	C	None	1	1	03/08/2014
16780	Equisetopsida	Myrtaceae	*Lophostemon confertus*	brush box	C	None	0	1	17/03/2005
16684	Equisetopsida	Myrtaceae	*Melaleuca bracteata*	None	C	None	0	2	17/03/2005
31375	Equisetopsida	Myrtaceae	*Melaleuca viminalis*	None	C	None	0	1	25/06/1999
6189	Equisetopsida	Myrtaceae	*Triplarina bancroftii*	None	C	None	1	1	18/02/1997
20919	Equisetopsida	Oleaceae	*Jasminum*	None	None	None	0	1	17/03/2005
36639	Equisetopsida	Oleaceae	*Jasminum dianthifolium x Jasminum simplicifolium subsp. australiense*	None	C	None	1	1	31/12/1979
16840	Equisetopsida	Oleaceae	*Jasminum simplicifolium subsp. australiense*	None	C	None	1	1	11/05/1991
13417	Equisetopsida	Oleaceae	*Ligustrum lucidum*	large-leaved privet	None	None	0	1	10/02/2016
13835	Equisetopsida	Oleaceae	*Notelaea microcarpa*	None	C	None	0	1	17/03/2005
13448	Equisetopsida	Onagraceae	*Epilobium billardierianum*	None	C	None	0	1	17/03/2005
14328	Equisetopsida	Onagraceae	*Oenothera affinis*	long-flowered evening primrose	None	None	1	1	24/10/1999
32785	Equisetopsida	Onagraceae	*Oenothera curtiflora*	None	None	None	0	1	05/11/2003
9456	Equisetopsida	Onagraceae	*Oenothera stricta subsp. stricta*	None	None	None	1	1	24/10/1999
11800	Equisetopsida	Ophioglossaceae	*Ophioglossum lusitanicum*	adder's tongue	C	None	0	1	17/03/2005
14087	Equisetopsida	Orchidaceae	*Acianthus fornicatus*	pixie caps	C	None	0	1	17/03/2005
12827	Equisetopsida	Orchidaceae	*Corybas*	None	None	None	0	1	17/03/2005

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14634	Equisetopsida	Orchidaceae	*Dendrobium monophyllum*	None	C	None	0	1	17/03/2005
14631	Equisetopsida	Orchidaceae	*Dendrobium speciosum*	None	C	None	0	3	18/07/2010
14608	Equisetopsida	Orchidaceae	*Diuris sulphurea*	tiger orchid	C	None	0	3	18/09/2012
5768	Equisetopsida	Orchidaceae	*Dockrillia bowmanii*	scrub pencil orchid	C	None	0	1	17/03/2005
5779	Equisetopsida	Orchidaceae	*Dockrillia linguiformis*	tongue orchid	C	None	0	2	17/03/2005
5799	Equisetopsida	Orchidaceae	*Dockrillia pugioniformis*	dagger orchid	C	None	0	1	17/03/2005
5671	Equisetopsida	Orchidaceae	*Dockrillia teretifolia*	rat's tail orchid	C	None	0	1	17/03/2005
12690	Equisetopsida	Orchidaceae	*Pterostylis acuminata*	sharp greenhood	C	None	0	1	17/03/2005
12701	Equisetopsida	Orchidaceae	*Pterostylis curta*	blunt greenhood	C	None	1	1	31/07/2003
9187	Equisetopsida	Orchidaceae	*Sarcochilus ceciliae*	fairy bells	C	None	0	1	18/07/2010
12709	Equisetopsida	Orchidaceae	*Sarcochilus falcatus*	orange blossom orchid	C	None	1	1	28/08/1957
12661	Equisetopsida	Orchidaceae	*Sarcochilus weinthalii*	blotched sarcochilus	E	V	2	2	30/09/1957
9457	Equisetopsida	Oxalidaceae	*Oxalis corniculata*	None	None	None	0	1	17/03/2005
19740	Equisetopsida	Papaveraceae	*Argemone ochroleuca*	None	None	None	0	1	01/11/2003
11429	Equisetopsida	Papaveraceae	*Fumaria bastardii*	bastard fumitory	None	None	1	1	09/09/1996
12804	Equisetopsida	Papaveraceae	*Fumaria muralis subsp. muralis*	wall fumitory	None	None	1	1	23/10/1947
4121	Equisetopsida	Papaveraceae	*Papaver somniferum subsp. setigerum*	None	None	None	1	2	29/10/2005
16529	Equisetopsida	Passifloraceae	*Passiflora aurantia*	None	C	None	0	1	17/03/2005
12715	Equisetopsida	Passifloraceae	*Passiflora edulis*	None	None	None	0	1	01/11/2003
16531	Equisetopsida	Passifloraceae	*Passiflora herbertiana subsp. herbertiana*	native passionfruit	C	None	0	1	17/03/2005
17808	Equisetopsida	Phyllanthaceae	*Breynia oblongifolia*	None	C	None	0	2	17/03/2005
11327	Equisetopsida	Phyllanthaceae	*Bridelia exaltata*	None	C	None	0	1	17/03/2005
17810	Equisetopsida	Phyllanthaceae	*Bridelia leichhardtii*	None	C	None	1	1	07/11/2000
16474	Equisetopsida	Phyllanthaceae	*Phyllanthus*	None	None	None	0	1	17/03/2005
11273	Equisetopsida	Phyllanthaceae	*Phyllanthus gunnii*	None	C	None	0	1	17/03/2005

Taxon Id	Class	Family	Scientific Name	Common Name	NCA	EPBC	Specimens	Records	Last record
22219	Equisetopsida	Pittosporaceae	*Auranticarpa rhombifolia*	None	C	None	0	1	17/03/2005
14019	Equisetopsida	Pittosporaceae	*Bursaria incana*	None	C	None	0	1	17/03/2005
22227	Equisetopsida	Pittosporaceae	*Bursaria spinosa subsp. spinosa*	None	C	None	0	1	17/03/2005
16462	Equisetopsida	Pittosporaceae	*Pittosporum undulatum*	sweet pittosporum	C	None	0	1	17/03/2005
12727	Equisetopsida	Plantaginaceae	*Plantago debilis*	shade plantain	C	None	0	1	17/03/2005
16422	Equisetopsida	Plantaginaceae	*Plantago lanceolata*	None	None	None	0	2	05/11/2003
15954	Equisetopsida	Plantaginaceae	*Veronica plebeia*	trailing speedwell	C	None	0	1	17/03/2005
13707	Equisetopsida	Poaceae	*Aristida calycina*	None	C	None	0	1	17/03/2005
15650	Equisetopsida	Poaceae	*Aristida caput-medusae*	None	C	None	0	1	17/03/2005
11121	Equisetopsida	Poaceae	*Aristida gracilipes*	None	C	None	0	1	17/03/2005
5959	Equisetopsida	Poaceae	*Austrostipa ramosissima*	bamboo grass	C	None	0	1	17/03/2005
9981	Equisetopsida	Poaceae	*Bothriochloa bunyensis*	Bunya Mountains bluegrass	V	V	1	1	16/05/2004
8843	Equisetopsida	Poaceae	*Bothriochloa decipiens*	None	C	None	0	1	17/03/2005
14794	Equisetopsida	Poaceae	*Bromus catharticus*	prairie grass	None	None	0	2	05/11/2003
14773	Equisetopsida	Poaceae	*Capillipedium parviflorum*	scented top	C	None	0	1	17/03/2005
14774	Equisetopsida	Poaceae	*Capillipedium spicigerum*	spicytop	C	None	0	1	17/03/2005
33864	Equisetopsida	Poaceae	*Cenchrus longisetus*	None	None	None	1	1	07/04/2011
15550	Equisetopsida	Poaceae	*Chloris divaricata var. divaricata*	slender chloris	C	None	0	1	17/03/2005
15526	Equisetopsida	Poaceae	*Chloris ventricosa*	tall chloris	C	None	0	1	17/03/2005
15485	Equisetopsida	Poaceae	*Cymbopogon refractus*	barbed-wire grass	C	None	0	2	17/03/2005
14595	Equisetopsida	Poaceae	*Dichelachne micrantha*	shorthair plumegrass	C	None	0	1	17/03/2005
15424	Equisetopsida	Poaceae	*Digitaria divaricatissima*	spreading umbrella grass	C	None	0	1	17/03/2005
14599	Equisetopsida	Poaceae	*Digitaria porrecta*	None	NT	None	3	3	02/12/2015
15427	Equisetopsida	Poaceae	*Digitaria ramularis*	None	C	None	0	1	17/03/2005
8339	Equisetopsida	Poaceae	*Echinopogon nutans*	None	C	None	0	1	17/03/2005

Taxon Id	Class	Family	Scientific Name	Common Name	NCA	EPBC	Specimens	Records	Last record
2138	Equisetopsida	Poaceae	*Eragrostis alveiformis*	None	C	None	0	1	17/03/2005
15390	Equisetopsida	Poaceae	*Eragrostis brownii*	Brown's lovegrass	C	None	0	1	17/03/2005
15367	Equisetopsida	Poaceae	*Eragrostis leptostachya*	None	C	None	0	1	17/03/2005
15331	Equisetopsida	Poaceae	*Eriochloa procera*	slender cupgrass	C	None	0	1	17/03/2005
15320	Equisetopsida	Poaceae	*Heteropogon contortus*	black speargrass	C	None	0	2	17/03/2005
15290	Equisetopsida	Poaceae	*Imperata cylindrica*	blady grass	C	None	0	2	17/03/2005
10678	Equisetopsida	Poaceae	*Lolium perenne*	perennial ryegrass	None	None	0	2	05/11/2003
9154	Equisetopsida	Poaceae	*Melinis repens*	red natal grass	None	None	0	1	01/11/2003
8872	Equisetopsida	Poaceae	*Microlaena stipoides*	None	C	None	0	1	17/03/2005
15163	Equisetopsida	Poaceae	*Oplismenus aemulus*	creeping shade grass	C	None	0	1	17/03/2005
15173	Equisetopsida	Poaceae	*Panicum decompositum var. decompositum*	None	C	None	1	1	07/04/2011
13607	Equisetopsida	Poaceae	*Panicum effusum*	None	C	None	0	1	17/03/2005
10256	Equisetopsida	Poaceae	*Paspalidium aversum*	None	C	None	0	1	17/03/2005
27800	Equisetopsida	Poaceae	*Sarga leiocladum*	None	C	None	0	2	17/03/2005
15043	Equisetopsida	Poaceae	*Sorghum halepense*	Johnson grass	None	None	0	1	05/11/2003
15001	Equisetopsida	Poaceae	*Sporobolus creber*	None	C	None	0	1	17/03/2005
14974	Equisetopsida	Poaceae	*Themeda triandra*	kangaroo grass	C	None	0	2	17/03/2005
10120	Equisetopsida	Poaceae	*Triticum aestivum*	wheat	None	None	1	1	23/09/2009
14562	Equisetopsida	Polygonaceae	*Fallopia convolvulus*	black bindweed	None	None	1	1	24/10/1999
14362	Equisetopsida	Polygonaceae	*Muehlenbeckia gracillima*	None	C	None	0	1	17/03/2005
16271	Equisetopsida	Polygonaceae	*Rumex brownii*	swamp dock	C	None	0	1	17/03/2005
16272	Equisetopsida	Polygonaceae	*Rumex crispus*	curled dock	None	None	0	2	05/11/2003
11696	Equisetopsida	Polypodiaceae	*Platycerium bifurcatum*	None	C	None	0	2	17/03/2005
6668	Equisetopsida	Polypodiaceae	*Pyrrosia confluens*	None	C	None	0	1	17/03/2005
16314	Equisetopsida	Polypodiaceae	*Pyrrosia confluens var. confluens*	None	C	None	1	1	22/08/1991
16317	Equisetopsida	Polypodiaceae	*Pyrrosia rupestris*	rock felt fern	C	None	0	1	17/03/2005

Taxon Id	Class	Family	Scientific Name	Common Name	NCA	EPBC	Specimens	Records	Last record
6963	Equisetopsida	Proteaceae	*Grevillea quadricauda*	None	V	V	1	1	15/06/2017
13924	Equisetopsida	Proteaceae	*Grevillea robusta*	None	C	None	0	1	17/03/2005
18116	Equisetopsida	Pteridaceae	*Adiantum aethiopicum*	None	C	None	0	1	17/03/2005
17679	Equisetopsida	Pteridaceae	*Cheilanthes distans*	bristly cloak fern	C	None	0	1	17/03/2005
8916	Equisetopsida	Pteridaceae	*Cheilanthes sieberi*	None	C	None	0	1	17/03/2005
17682	Equisetopsida	Pteridaceae	*Cheilanthes sieberi subsp. sieberi*	None	C	None	0	1	14/02/2005
24931	Equisetopsida	Racopilaceae	*Racopilum cuspidigerum var. cuspidigerum*	None	C	None	1	1	30/11/1883
17622	Equisetopsida	Ranunculaceae	*Clematis glycinoides*	None	C	None	0	1	17/03/2005
16323	Equisetopsida	Ranunculaceae	*Ranunculus lappaceus*	common buttercup	C	None	0	1	17/03/2005
27648	Equisetopsida	Ranunculaceae	*Ranunculus meristus*	None	C	None	1	1	17/12/2014
9659	Equisetopsida	Rhamnaceae	*Alphitonia excelsa*	soap tree	C	None	1	3	17/12/2014
12373	Equisetopsida	Rosaceae	*Prunus persica var. persica*	None	None	None	1	2	01/11/2003
35635	Equisetopsida	Rosaceae	*Prunus rivularis*	None	None	None	0	1	02/11/2003
19436	Equisetopsida	Rosaceae	*Rubus moluccanus*	None	C	None	0	1	17/03/2005
16266	Equisetopsida	Rosaceae	*Rubus parvifolius*	pink-flowered native raspberry	C	None	0	1	17/03/2005
17936	Equisetopsida	Rubiaceae	*Asperula conferta*	None	C	None	0	1	17/03/2005
32446	Equisetopsida	Rubiaceae	*Galium leptogonium*	None	C	None	0	1	17/03/2005
9861	Equisetopsida	Rubiaceae	*Galium terrae-reginae*	None	C	None	1	1	07/11/2000
7598	Equisetopsida	Rubiaceae	*Pavetta australiensis*	None	C	None	0	1	17/03/2005
29826	Equisetopsida	Rubiaceae	*Psydrax odorata forma buxifolia*	None	C	None	0	1	17/03/2005
18946	Equisetopsida	Rutaceae	*Dinosperma erythrococcum*	None	C	None	1	1	27/04/1991
11300	Equisetopsida	Rutaceae	*Flindersia australis*	crow's ash	C	None	1	2	17/12/2014
13349	Equisetopsida	Rutaceae	*Flindersia collina*	broad-leaved leopard tree	C	None	1	1	11/05/1991
11945	Equisetopsida	Salicaceae	*Salix babylonica*	weeping willow	None	None	1	2	01/11/2003
17180	Equisetopsida	Santalaceae	*Exocarpos cupressiformis*	native cherry	C	None	0	1	17/03/2005

Taxon Id	Class	Family	Scientific Name	Common Name	NCA	EPBC	Specimens	Records	Last record
16237	Equisetopsida	Santalaceae	*Santalum lanceolatum*	None	C	None	2	2	07/11/2000
9489	Equisetopsida	Sapindaceae	*Alectryon subdentatus*	None	C	None	0	1	17/03/2005
17907	Equisetopsida	Sapindaceae	*Atalaya salicifolia*	None	C	None	1	2	17/03/2005
13686	Equisetopsida	Sapindaceae	*Cupaniopsis parvifolia*	small-leaved tuckeroo	C	None	1	1	30/09/1975
17384	Equisetopsida	Sapindaceae	*Dodonaea triquetra*	large-leaved hop bush	C	None	0	1	17/03/2005
17387	Equisetopsida	Sapindaceae	*Dodonaea viscosa subsp. burmanniana*	None	C	None	1	1	07/11/2000
17339	Equisetopsida	Sapindaceae	*Elattostachys xylocarpa*	white tamarind	C	None	0	1	17/03/2005
34947	Equisetopsida	Sapotaceae	*Pleioluma macrocarpa*	None	C	None	0	1	19/03/1990
8631	Equisetopsida	Scrophulariaceae	*Eremophila debilis*	winter apple	C	None	0	1	17/03/2005
12529	Equisetopsida	Scrophulariaceae	*Verbascum virgatum*	twiggy mullein	None	None	0	1	01/11/2003
15881	Equisetopsida	Smilacaceae	*Smilax australis*	barbed-wire vine	C	None	0	1	17/03/2005
17493	Equisetopsida	Solanaceae	*Datura ferox*	fierce thornapple	None	None	0	1	09/07/2018
17496	Equisetopsida	Solanaceae	*Datura stramonium*	common thornapple	None	None	0	2	09/07/2018
16576	Equisetopsida	Solanaceae	*Nicotiana*	None	None	None	0	1	17/03/2005
13537	Equisetopsida	Solanaceae	*Solanum chenopodioides*	whitetip nightshade	None	None	1	1	01/11/2019
16171	Equisetopsida	Solanaceae	*Solanum mauritianum*	wild tobacco	None	None	0	1	01/11/2003
27702	Equisetopsida	Solanaceae	*Solanum mitchellianum*	None	C	None	2	2	05/12/2007
14210	Equisetopsida	Solanaceae	*Solanum nemophilum*	None	C	None	0	1	17/03/2005
13788	Equisetopsida	Solanaceae	*Solanum nigrum*	None	None	None	0	2	05/11/2003
16175	Equisetopsida	Solanaceae	*Solanum parvifolium*	None	C	None	0	1	17/03/2005
16124	Equisetopsida	Solanaceae	*Solanum stelligerum*	devil's needles	C	None	1	1	07/11/2000
16092	Equisetopsida	Stackhousiaceae	*Stackhousia viminea*	slender stackhousia	C	None	0	1	17/03/2005
12643	Equisetopsida	Sterculiaceae	*Brachychiton discolor*	None	C	None	1	1	17/12/2014
13999	Equisetopsida	Thelypteridaceae	*Christella hispidula*	None	C	None	0	1	17/03/2005
13170	Equisetopsida	Thymelaeaceae	*Pimelea curviflora var. divergens*	None	C	None	1	1	24/10/1999
16441	Equisetopsida	Thymelaeaceae	*Pimelea neoanglica*	poison pimelea	C	None	2	4	17/03/2005

Taxon Id	Class	Family	Scientific Name	Common Name	NCA	EPBC	Specimens	Records	Last record
17955	Equisetopsida	Ulmaceae	*Aphananthe philippinensis*	None	C	None	0	1	17/03/2005
12654	Equisetopsida	Ulmaceae	*Celtis sinensis*	Chinese elm	None	None	0	6	10/02/2016
16011	Equisetopsida	Ulmaceae	*Trema tomentosa*	None	C	None	0	1	17/03/2005
14578	Equisetopsida	Urticaceae	*Elatostema reticulatum*	rainforest spinach	C	None	1	1	31/05/1911
12528	Equisetopsida	Urticaceae	*Urtica urens*	small nettle	None	None	0	1	01/11/2003
34284	Equisetopsida	Verbenaceae	*Glandularia aristigera*	None	None	None	0	1	05/11/2003
19905	Equisetopsida	Verbenaceae	*Lantana camara*	lantana	None	None	1	5	10/02/2016
13853	Equisetopsida	Verbenaceae	*Lantana montevidensis*	creeping lantana	None	None	0	1	09/07/1996
12351	Equisetopsida	Verbenaceae	*Verbena*	None	None	None	0	1	17/03/2005
30780	Equisetopsida	Verbenaceae	*Verbena rigida*	None	None	None	0	2	05/11/2003
36154	Equisetopsida	Violaceae	*Afrohybanthus enneaspermus*	None	C	None	0	1	17/03/2005
15863	Equisetopsida	Viscaceae	*Notothixos subaureus*	golden mistletoe	C	None	1	1	17/12/2014
17660	Equisetopsida	Vitaceae	*Cayratia acris*	hairy grape	C	None	0	1	17/03/2005
17662	Equisetopsida	Vitaceae	*Cayratia clematidea*	slender grape	C	None	0	1	17/03/2005
14704	Equisetopsida	Vitaceae	*Cissus antarctica*	None	C	None	0	1	17/03/2005
17652	Equisetopsida	Vitaceae	*Cissus sterculiifolia*	None	C	None	0	1	17/03/2005
14151	Equisetopsida	Vitaceae	*Tetrastigma nitens*	shining grape	C	None	0	1	17/03/2005
15911	Equisetopsida	Zygophyllaceae	*Zygophyllum apiculatum*	gall weed	C	None	1	1	31/12/2006

Table 4. Fungi recorded within the area of interest and its one kilometre buffer

Taxon Id	Class	Family	Scientific Name	Common Name	NCA	EPBC	Specimens	Records	Last record
25863	Agaricomycetes	Agaricaceae	*Calvatia lilacina*	None	C	None	1	2	31/03/2005
32734	Agaricomycetes	Agaricaceae	*Chlorophyllum hortense*	None	C	None	0	1	30/01/2005
26277	Agaricomycetes	Agaricaceae	*Coprinus comatus*	None	C	None	0	1	26/07/2005
29037	Agaricomycetes	Panaeolaceae	*Panaeolina foenisecii*	None	C	None	0	1	29/10/2005
25522	Agaricomycetes	Panaeolaceae	*Panaeolus antillarum*	None	C	None	1	1	01/04/1962
23216	Lecanoromycetes	Lecanoraceae	*Lecanora impressa*	None	C	None	1	1	01/01/1986

Taxon Id	Class	Family	Scientific Name	Common Name	NCA	EPBC	Specimens	Records	Last record
23241	Lecanoromycetes	Lecideaceae	*Lecidea terrena*	None	C	None	1	1	08/10/2001
23448	Lecanoromycetes	Parmeliaceae	*Parmotrema tinctorum*	None	C	None	1	1	05/04/2009
24011	Lecanoromycetes	Parmeliaceae	*Usnea angulata*	None	C	None	1	1	05/04/2009
29480	Lecanoromycetes	Parmeliaceae	*Usnea dasaea*	None	C	None	1	1	22/02/1985
26199	Lecanoromycetes	Parmeliaceae	*Usnea scabrida subsp. elegans*	None	C	None	2	2	05/04/2009
30020	Lecanoromycetes	Parmeliaceae	*Xanthoparmelia pulla*	None	C	None	1	1	21/01/2008
23547	Lecanoromycetes	Ramalinaceae	*Ramalina celastri subsp. celastri*	None	C	None	1	1	22/02/1985
23553	Lecanoromycetes	Ramalinaceae	*Ramalina inflata subsp. perpusilla*	None	C	None	2	2	22/02/1985
23560	Lecanoromycetes	Ramalinaceae	*Ramalina peruviana*	None	C	None	3	3	22/02/1985

Table 5. Protists recorded within the area of interest and its one kilometre buffer

No species found within the area of interest and its one kilometre buffer.

Species table headings and codes

Taxon Id: Unique identifier of the taxon from the WildNet database.

NCA: Queensland conservation status of the taxon under the *Nature Conservation Act 1992* (Endangered (E), Extinct in the Wild (PE), Vulnerable (V), Near Threatened (NT), Special Least Concern (SL) and Least Concern(C)).

EPBC: Australian conservation status of the taxon under the *Environment Protection and Biodiversity Conservation Act 1999* (Conservation Dependent (CD), Critically Endangered (CE), Endangered (E), Extinct (EX), Extinct in the Wild (XW) and Vulnerable (V)).

Specimens: The number of specimen-backed records of the taxon.

Records: The total number of records of the taxon.

Last record: Date of latest record of the taxon.

Links and Support

Other sites that deliver species information from the WildNet database include:

- Species profile search - access species information approved for publication including species names, statuses, notes, images, distribution maps and records
- Species lists - generate species lists for Queensland protected areas, forestry areas, local governments and areas defined using coordinates
- Biomaps - view biodiversity information, including species information approved for publication, and generate reports
- Qld wildlife data API - access species information approved for publication such as notes, images and records etc.
- Wetland*Maps* - view species records, survey locations etc. approved for publication
- Wetland*Summary* - view wildlife statistics, species lists for a range of area types, and access species profiles
- Generalised distribution and densities of Queensland wildlife - Queensland species distributions and densities generalised to a 10 km grid resolution
- Conservation status of Queensland wildlife - access current lists of priority species for Queensland including nomenclature and status information
- Queensland Confidential Species - the list of species flagged as confidential in the WildNet database.

Other useful sites for accessing biodiversity data include:

- Queensland Government Data
- Atlas of Living Australia
- OZCAM - Online Zoological Collections of Australian Museums
- AVH - Australia's Virtual Herbarium
- Protected Matters Search Tool

Please direct queries about this report to the WildNet Team.

Disclaimer

Whilst every care is taken to ensure the accuracy of the information provided in this report, the Queensland Government, to the maximum extent permitted by law, makes no representations or warranties about its accuracy, reliability, completeness, or suitability, for any particular purpose and disclaims all responsibility and all liability (including without limitation, liability in negligence) for all expenses, losses, damages (including indirect or consequential damage) and costs which the user may incur as a consequence of the information being inaccurate or incomplete in any way and for any reason.

WildNet Records
Conservation Significant Species List

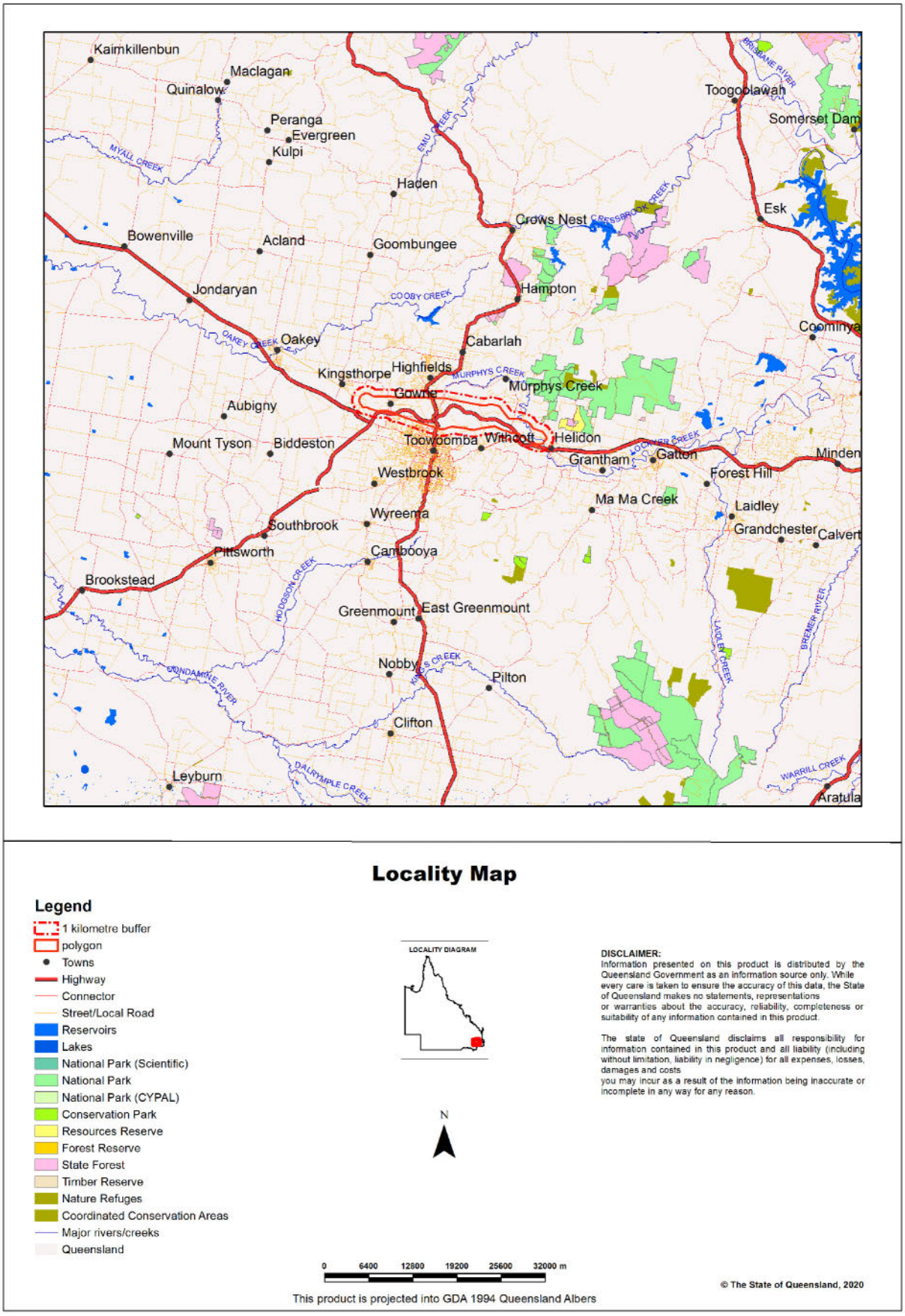
For the selected area of interest 7965.7ha

Current as at 25/03/2020

WildNetCSspecieslist

Queensland Government

Map 1. Locality Map



Summary Information

The following table provides an overview of the area of interest .

Table 1. Area of interest details

Size (ha)	7,965.7
Local Government(s)	Lockyer Valley Regional, Toowoomba Regional
Bioregion(s)	Brigalow Belt, Southeast Queensland
Subregion(s)	Moreton Basin, Eastern Darling Downs
Catchment(s)	Balonne-Condamine, Brisbane

Protected Area(s)
No estates or reserves are located within the area of interest.

World Heritage Area(s)
No World Heritage Areas are located within the area of interest.

Ramsar Area(s)
No Ramsar Areas are located within the area of interest.

Conservation Significant Species List

Introduction
This Conservation Significant Species List report is derived only from records from the WildNet database managed by the Department of Environment and Science. Other data sources may provide additional information on species occurrence.

Conservation significant species are species listed:

- as threatened or near threatened under the Nature Conservation Act 1992;
- as threatened under the *Environment Protection and Biodiversity Conservation Act 1999* or
- migratory species protected under the following international agreements:
  - Convention on the Conservation of Migratory Species of Wild Animals (Bonn Convention)
  - China-Australia Migratory Bird Agreement
  - Japan-Australia Migratory Bird Agreement
  - Republic of Korea-Australia Migratory Bird Agreement

The WildNet dataset is constantly being enhanced and the taxonomic and status information revised. If a species does not occur in the report, it does not mean it doesn't occur there and listed species may also no longer inhabit the area.

Table 2 lists the species recorded within the area of interest and its one kilometre buffer.

Table 2. Conservation significant species recorded within the area of interest and its one kilometre buffer

Taxon Id	Kingdom	Class	Family	Scientific Name	Common Name	NCA	EPBC	Specimens	Records	Last record
1728	Animalia	Aves	Accipitridae	*Erythrotriorchis radiatus*	red goshawk	E	V	0	3	31/05/1992
1702	Animalia	Aves	Accipitridae	*Pandion cristatus*	eastern osprey	SL	None	0	1	23/04/1992
1965	Animalia	Aves	Apodidae	*Apus pacificus*	fork-tailed swift	SL	None	0	2	22/01/2003
1971	Animalia	Aves	Apodidae	*Hirundapus caudacutus*	white-throated needletail	V	V	0	13	07/01/2006

Taxon Id	Kingdom	Class	Family	Scientific Name	Common Name	NCA	EPBC	Specimens	Records	Last record
22494	Animalia	Aves	Cacatuidae	*Calyptorhynchus lathami lathami*	glossy black-cockatoo (eastern)	V	None	0	9	30/04/1999
1192	Animalia	Aves	Cacatuidae	*Lophochroa leadbeateri*	Major Mitchell's cockatoo	V	None	0	2	22/08/1999
1944	Animalia	Aves	Charadriidae	*Pluvialis fulva*	Pacific golden plover	SL	None	0	2	10/05/1992
1785	Animalia	Aves	Columbidae	*Geophaps scripta scripta*	squatter pigeon (southern subspecies)	V	V	0	6	08/08/1993
1705	Animalia	Aves	Falconidae	*Falco hypoleucos*	grey falcon	V	None	0	1	22/06/2008
1896	Animalia	Aves	Laridae	*Hydroprogne caspia*	Caspian tern	SL	None	0	2	02/11/2012
1521	Animalia	Aves	Meliphagidae	*Grantiella picta*	painted honeyeater	V	V	0	1	28/10/2006
1595	Animalia	Aves	Monarchidae	*Monarcha melanopsis*	black-faced monarch	SL	None	0	5	14/02/2005
1599	Animalia	Aves	Monarchidae	*Myiagra cyanoleuca*	satin flycatcher	SL	None	0	5	28/10/2001
1578	Animalia	Aves	Rhipiduridae	*Rhipidura rufifrons*	rufous fantail	SL	None	0	25	26/10/2008
1883	Animalia	Aves	Rostratulidae	*Rostratula australis*	Australian painted snipe	E	E	0	8	03/06/1992
1885	Animalia	Aves	Scolopacidae	*Actitis hypoleucos*	common sandpiper	SL	None	0	4	10/10/1994
1874	Animalia	Aves	Scolopacidae	*Calidris acuminata*	sharp-tailed sandpiper	SL	None	0	6	25/01/1993
1880	Animalia	Aves	Scolopacidae	*Calidris ruficollis*	red-necked stint	SL	None	0	3	31/01/1993
1857	Animalia	Aves	Scolopacidae	*Gallinago hardwickii*	Latham's snipe	SL	None	0	11	23/09/2006
1855	Animalia	Aves	Scolopacidae	*Limosa limosa*	black-tailed godwit	SL	None	0	1	31/12/1991
1845	Animalia	Aves	Scolopacidae	*Numenius phaeopus*	whimbrel	SL	None	0	2	10/05/1992
1847	Animalia	Aves	Scolopacidae	*Phalaropus lobatus*	red-necked phalarope	SL	None	0	6	10/05/1992
1853	Animalia	Aves	Scolopacidae	*Tringa nebularia*	common greenshank	SL	None	0	1	31/12/1991
1841	Animalia	Aves	Scolopacidae	*Tringa stagnatilis*	marsh sandpiper	SL	None	0	10	21/11/1993
1107	Animalia	Aves	Strigidae	*Ninox strenua*	powerful owl	V	None	0	2	31/12/1978
1825	Animalia	Aves	Threskiornithidae	*Plegadis falcinellus*	glossy ibis	SL	None	0	2	31/01/1991
1092	Animalia	Aves	Turnicidae	*Turnix melanogaster*	black-breasted button-quail	V	V	0	6	03/05/1999
9	Animalia	Insecta	Lycaenidae	*Jalmenus eubulus*	pale imperial hairstreak	V	None	0	1	26/01/2009
19177	Animalia	Insecta	Nymphalidae	*Danaus plexippus*	monarch	None	None	0	42	23/10/2015

Taxon Id	Kingdom	Class	Family	Scientific Name	Common Name	NCA	EPBC	Specimens	Records	Last record
890	Animalia	Mammalia	Macropodidae	*Petrogale penicillata*	brush-tailed rock-wallaby	V	V	0	3	11/07/1996
836	Animalia	Mammalia	Ornithorhynchidae	*Ornithorhynchus anatinus*	platypus	SL	None	0	2	12/07/1996
860	Animalia	Mammalia	Phascolarctidae	*Phascolarctos cinereus*	koala	V	V	0	155	03/10/2019
962	Animalia	Mammalia	Pteropodidae	*Pteropus poliocephalus*	grey-headed flying-fox	C	V	0	7	21/10/2011
838	Animalia	Mammalia	Tachyglossidae	*Tachyglossus aculeatus*	short-beaked echidna	SL	None	0	7	29/02/2016
324	Animalia	Reptilia	Pygopodidae	*Delma torquata*	collared delma	V	V	0	115	26/09/2016
11205	Plantae	Equisetopsida	Apocynaceae	*Marsdenia coronata*	slender milkvine	V	None	1	1	10/06/2019
10604	Plantae	Equisetopsida	Asteraceae	*Picris evae*	None	V	V	1	3	01/02/2018
31135	Plantae	Equisetopsida	Asteraceae	*Rhaponticum australe*	None	V	V	1	1	24/10/1999
9855	Plantae	Equisetopsida	Cyperaceae	*Cyperus clarus*	None	V	None	1	1	27/03/2018
10791	Plantae	Equisetopsida	Fabaceae	*Sophora fraseri*	brush sophora	V	V	1	1	03/07/2018
12661	Plantae	Equisetopsida	Orchidaceae	*Sarcochilus weinthalii*	blotched sarcochilus	E	V	2	2	30/09/1957
9981	Plantae	Equisetopsida	Poaceae	*Bothriochloa bunyensis*	Bunya Mountains bluegrass	V	V	1	1	16/05/2004
14599	Plantae	Equisetopsida	Poaceae	*Digitaria porrecta*	None	NT	None	3	3	02/12/2015
6963	Plantae	Equisetopsida	Proteaceae	*Grevillea quadricauda*	None	V	V	1	1	15/06/2017

Taxon Id: Unique identifier of the taxon from the WildNet database.

NCA: Queensland conservation status of the taxon under the *Nature Conservation Act 1992* (Endangered (E), Extinct in the Wild (PE), Vulnerable (V), Near Threatened (NT), Special Least Concern (SL) and Least Concern(C)).

EPBC: Australian conservation status of the taxon under the *Environment Protection and Biodiversity Conservation Act 1999* (Conservation Dependent (CD), Critically Endangered (CE), Endangered (E), Extinct (EX), Extinct in the Wild (XW) and Vulnerable (V)).

Specimens: The number of specimen-backed records of the taxon.

Records: The total number of records of the taxon.

Last record: Date of latest record of the taxon.

Links and Support

Other sites that deliver species information from the WildNet database include:

- Species profile search - access species information approved for publication including species names, statuses, notes, images, distribution maps and records
- Species lists - generate species lists for Queensland protected areas, forestry areas, local governments and areas defined using coordinates
- Biomaps - view biodiversity information, including species information approved for publication, and generate reports
- Qld wildlife data API - access species information approved for publication such as notes, images and records etc.
- Wetland*Maps* - view species records, survey locations etc. approved for publication
- Wetland*Summary* - view wildlife statistics, species lists for a range of area types, and access species profiles
- Generalised distribution and densities of Queensland wildlife - Queensland species distributions and densities generalised to a 10 km grid resolution

- Conservation status of Queensland wildlife - access current lists of priority species for Queensland including nomenclature and status information
- Queensland Confidential Species - the list of species flagged as confidential in the WildNet database.

Please direct queries about this report to the WildNet Team.

Other useful sites for accessing biodiversity data include:

- Queensland Government Data
- Atlas of Living Australia
- OZCAM - Online Zoological Collections of Australian Museums
- AVH - Australia's Virtual Herbarium
- Protected Matters Search Tool

Disclaimer

Whilst every care is taken to ensure the accuracy of the information provided in this report, the Queensland Government, to the maximum extent permitted by law, makes no representations or warranties about its accuracy, reliability, completeness, or suitability, for any particular purpose and disclaims all responsibility and all liability (including without limitation, liability in negligence) for all expenses, losses, damages (including indirect or consequential damage) and costs which the user may incur as a consequence of the information being inaccurate or incomplete in any way and for any reason.

Queensland Government

Department of Environment and Science

Environmental Reports

Biodiversity and Conservation Values

Biodiversity Planning Assessments and Aquatic Conservation Assessments

For the selected area of interest

Environmental Reports - General Information

The Environmental Reports portal provides for the assessment of selected matters of interest relevant to a user specified location, or Area of Interest (AOI). All area and derivative figures are relevant to the extent of matters of interest contained within the AOI unless otherwise stated. Please note, if a user selects an AOI via the "Central co-ordinates" option, the resulting assessment area encompasses an area extending from 2km radius from the point of interest.

All area and area derived figures included in this report have been calculated via reprojecting relevant spatial features to Albers equal-area conic projection (central meridian = 146, datum Geocentric Datum of Australia 1994). As a result, area figures may differ slightly if calculated for the same features using a different co-ordinate system.

Figures in tables may be affected by rounding.

The matters of interest reported on in this document are based upon available state mapped datasets. Where the report indicates that a matter of interest is not present within the AOI (e.g. where area related calculations are equal to zero, or no values are listed), this may be due either to the fact that state mapping has not been undertaken for the AOI, that state mapping is incomplete for the AOI, or that no values have been identified within the site.

The information presented in this report should be considered as a guide only and field survey may be required to validate values on the ground.

Please direct queries about these reports to: biodiversity.planning@des.qld.gov.au

Disclaimer

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Summary Information

Tables 1 to 8 provide an overview of the AOI with respect to selected topographic and environmental values.

Table 1: Area of interest details:

Size (ha)	7,965.7
Local Government(s)	Lockyer Valley Regional, Toowoomba Regional
Bioregion(s)	Brigalow Belt, Southeast Queensland
Subregion(s)	Moreton Basin, Eastern Darling Downs
Catchment(s)	Balonne-Condamine, Brisbane

The following table identifies available Biodiversity Planning Assessments (BPAs) and Aquatic Conservation Assessments (ACAs) with respect to the AOI.

Table 2: Available Biodiversity Planning and Aquatic Conservation Assessments

Assessment Type	Assessment Area and Version
Biodiversity Planning Assessment(s)	Brigalow Belt v2.1, Southeast Queensland v4.1
Aquatic Conservation Assessment(s) (riverine)	Queensland Murray Darling Basin v1.4, South East Queensland Catchments v1.1
Aquatic Conservation Assessment(s) (non-riverine)	Queensland Murray Darling Basin v1.4, South East Queensland Catchments v1.1

Table 3: Remnant regional ecosystems within the AOI as per the Qld Herbarium's 'biodiversity status'

Biodiversity Status	Area (Ha)	% of AOI
Endangered	167.26	2.1
Of concern	942.36	11.83
No concern at present	1,095.86	13.76

The following table identifies the extent and proportion of the user specified area of interest (AOI) which is mapped as being of "State", "Regional" or "Local" significance via application of the Queensland Department of Environment and Science's *Biodiversity Assessment and Mapping Methodology* (BAMM).

Table 4: Summary table, biodiversity significance

Biodiversity significance	Area (Ha)	% of AOI
State Habitat for EVNT taxa	880.01	11.05
State	1,178.60	14.8
Regional	264.92	3.33
Local or Other Values	39.74	0.5

Table 5: Non-riverine wetlands intersecting the AOI

Non-riverine wetland types intersecting the area of interest	#
Number of Palustrine wetlands	0
Number of Lacustrine wetlands	3
Total number of non-riverine wetlands	3

NB. The figures presented in the table above are derived from the relevant non-riverine Aquatic Conservation Assessment(s). Later releases of wetland mapping produced via the Queensland Wetland Mapping Program may provide more recent information in regards to wetland extent.

Table 6: Named waterways intersecting the AOI

Name	Permanency
GATTON CREEK	Non-perennial
GOWRIE CREEK	Non-perennial
LOCKYER CREEK	Non-perennial
ROCKY CREEK	Non-perennial
SIX MILE CREEK	Non-perennial

Refer to **Map 1** for general locality information.

The following two tables identify the extent and proportion of the user specified AOI which is mapped as being of "Very High", "High", "Medium", "Low", or "Very Low" aquatic conservation value for riverine and non-riverine wetlands via application of the Queensland Department of Environment and Science's *Aquatic Biodiversity Assessment and Mapping Method* (AquaBAMM).

Table 7: Summary table, aquatic conservation significance (riverine)

Aquatic conservation significance (riverine wetlands)	Area (Ha)	% of AOI
Very High	2,408.57	30.24
High	2,151.98	27.02
Medium	3,405.19	42.75
Low	0.0	0.0
Very Low	0.0	0.0

Table 8: Summary table, aquatic conservation significance (non-riverine)

Aquatic conservation significance (non-riverine wetlands)	Area (Ha)	% of AOI
Very High	0.0	0.0
High	0.0	0.0
Medium	11.45	0.14
Low	0.0	0.0
Very Low	0.0	0.0

Biodiversity Planning Assessments

Introduction

The Department of Environment and Science (DES) attributes biodiversity significance on a bioregional scale through a Biodiversity Planning Assessment (BPA). A BPA involves the integration of ecological criteria using the *Biodiversity assessment and Mapping Methodology* (BAMM) and is developed in two stages: 1) **diagnostic criteria**, and 2) **expert panel criteria**. The diagnostic criteria are based on existing data which is reliable and uniformly available across a bioregion, while the expert panel criteria allows for the refinement of the mapped information from the diagnostic output by incorporating local knowledge and expert opinion.

The BAMM methodology has application for identifying areas with various levels of significance solely for biodiversity reasons. These include threatened ecosystems or taxa, large tracts of habitat in good condition, ecosystem diversity, landscape context and connection, and buffers to wetlands or other types of habitat important for the maintenance of biodiversity or ecological processes. While natural resource values such as dryland salinity, soil erosion potential or land capability are not dealt with explicitly, they are included to some extent within the biodiversity status of regional ecosystems recognised by the DES.

Biodiversity Planning Assessments (BPAs) assign three levels of overall biodiversity significance.

- **State significance** - areas assessed as being significant for biodiversity at the bioregional or state scales. They also include areas assessed by other studies/processes as being significant at national or international scales. In addition, areas flagged as being of State significance due to the presence of endangered, vulnerable and/or near threatened taxa, are identified as "State Habitat for EVNT taxa".
- **Regional significance** - areas assessed as being significant for biodiversity at the subregional scale. These areas have lower significance for biodiversity than areas assessed as being of State significance.
- **Local significance and/or other values** - areas assessed as not being significant for biodiversity at state or regional scales. Local values are of significance at the local government scale.

For further information on released BPAs and a copy of the underlying methodology, go to:

http://www.qld.gov.au/environment/plants-animals/biodiversity/planning/

The GIS results can be downloaded from the Queensland Spatial Catalogue at:

http://qspatial.information.qld.gov.au/geoportal/

The following table identifies the extent and proportion of the user specified AOI which is mapped as being of "State", "Regional" or "Local" significance via application of the BAMM.

Table 9: Summary table, biodiversity significance

Biodiversity significance	Area (Ha)	% of AOI
State Habitat for EVNT taxa	880.01	11.05
State	1,178.60	14.8
Regional	264.92	3.33
Local or Other Values	39.74	0.5

Refer to **Map 2** for further information.

Diagnostic Criteria

Diagnostic criteria are based on existing data which is reliable and uniformly available across a bioregion. These criteria are diagnostic in that they are used to filter the available data and provide a "first-cut" or initial determination of biodiversity significance. This initial assessment is then combined through a second group of other essential criteria.

A description of the individual diagnostic criteria is provided in the following sections.

Criteria A. Habitat for EVNT taxa: Classifies areas according to their significance based on the presence of endangered, vulnerable and/or rare (EVNT) taxa. EVNT taxa are those scheduled under the *Nature Conservation Act 1992* and/or the

Environment Protection and Biodiversity Conservation Act 1999. It excludes highly mobile fauna taxa which are instead considered in Criterion H and brings together information on EVNT taxa using buffering of recorded sites or habitat suitability models (HSM) where available.

Criteria B. Ecosystem value: Classifies on the basis of biodiversity status of regional ecosystems, their extent in protected areas (presence of poorly conserved regional ecosystems), the presence of significant wetlands; and areas of national importance such as the presence of Threatened Ecological Communities, World Heritage areas and Ramsar sites. Ecosystem value is applied at a bioregional (**B1**) and regional (**B2**) scale.

Criteria C. Tract size: Measures the relative size of tracts of vegetation in the landscape. The size of any tract is a major indicator of ecological significance, and is also strongly correlated with the long-term viability of biodiversity values. Larger tracts are less susceptible to ecological edge effects and are more likely to sustain viable populations of native flora and fauna than smaller tracts.

Criteria D. Relative size of regional ecosystems: Classifies the relative size of each regional ecosystem unit within its bioregion (**D1**) and its subregion (**D2**). Remnant units are compared with all other occurrences with the same regional ecosystem. Large examples of a regional ecosystem are more significant than smaller examples of the same regional ecosystem because they are more representative of the biodiversity values particular to the regional ecosystem, are more resilient to the effects of disturbance, and constitute a significant proportion of the total area of the regional ecosystem.

Criteria F. Ecosystem diversity: Is an indicator of the number of regional ecosystems occurring within an area. An area with high ecosystem diversity will have many regional ecosystems and ecotones relative to other areas within the bioregion.

Criteria G. Context and connection: Represents the extent to which a remnant unit incorporates, borders or buffers areas such as significant wetlands, endangered ecosystems; and the degree to which it is connected to other vegetation.

A summary of the biodiversity status based upon the diagnostic criteria is provided in the following table.

Table 10: Summary of biodiversity significance based upon diagnostic criteria with respect to the AOI

Biodiversity significance	Description	Area (Ha)	% of AOI
State	Nat. Threatened Ecol. Community (B1)	109.93	1.38
State	Remnant contains at least 1 Endangered or 2 Vulnerable or Near Threatened species (A)	880.01	11.05
State	Remnant contains at least 1 Endangered RE (B1)	44.36	0.56
State	Remnant contains at least 1 Endangered RE (B1) & Nat. Threatened Ecol. Community (B1)	4.51	0.06
Regional	Remnant contains at least 1 RE with <10 pc extent remaining or rare in subregion (B2)	6.02	0.08
Regional	Remnant contains at least 1 Vulnerable or Near Threatened species (A)	666.0	8.36
Regional	Remnant contains at least one Of Concern RE (B1)	236.98	2.98
Regional	Remnant is part of a Tract that is one of the largest in the bioregion (C) & Remnant has Ecosystem diversity in the top quartile (F)	38.33	0.48
Regional	Remnant is part of a Tract that is one of the largest in the bioregion (C) & Remnant has high connectivity or buffers an endangered RE or Significant Wetland (G)	2.58	0.03
Local or Other Values	Refer to diagnostic data for additional information	366.07	4.6

Assessment of diagnostic criteria with respect to the AOI

The following table reflects an assessment of the individual diagnostic criteria noted above in regards to the AOI.

Table 11: Assessment of individual diagnostic criteria with respect to the AOI

Diagnostic Criteria	Very High Rating - Area (Ha)	Very High Rating - % of AOI	High Rating - Area (Ha)	High Rating - % of AOI	Medium Rating - Area (Ha)	Medium Rating - % of AOI	Low Rating - Area (Ha)	Low Rating - % of AOI
A: Habitat for EVNT Taxa	880.01	11.0	666.14	8.4	808.65	10.2		
B1: Ecosystem Value (Bioregion)	289.02	3.6	1,251.23	15.7	788.75	9.9	25.8	0.3
B2: Ecosystem Value (Subregion)	90.43	1.1	1,391.60	17.5	868.37	10.9	4.4	0.1
C: Tract Size	1,345.56	16.9	219.88	2.8	233.41	2.9	555.95	7.0
D1: Relative RE Size (Bioregion)					108.04	1.4	2,246.76	28.2
D2: Relative RE Size (Subregion)	56.41	0.7	23.63	0.3	208.54	2.6	2,066.22	25.9
F: Ecosystem Diversity	499.91	6.3	794.78	10.0	578.75	7.3	481.36	6.0
G: Context and Connection	555.93	7.0	373.9	4.7	1,200.67	15.1	224.3	2.8

Other Essential Criteria

Other essential criteria (also known as expert panel criteria) are based on non-uniform information sources and which may rely more upon expert opinion than on quantitative data. These criteria are used to provide a "second-cut" determination of biodiversity significance, which is then combined with the diagnostic criteria for an overall assessment of relative biodiversity significance. A summary of the biodiversity status based upon the other essential criteria is provided in the following table.

Table 12: Summary of biodiversity significance based upon other essential criteria with respect to the AOI

Biodiversity significance	Description	Area (Ha)	% of AOI
State	Remnant contains Core Habitat for Priority Taxa (H)	8.18	0.1
State	Remnant contains Core Habitat for Priority Taxa (H) & Remnant contains Special Biodiversity Values (view Expert Panel data for further information) (I) & Remnant forms part of a bioregional corridor (J)	191.79	2.41
State	Remnant contains Core Habitat for Priority Taxa (H) & Remnant forms part of a bioregional corridor (J)	182.67	2.29
State	Remnant contains Special Biodiversity Values (view Expert Panel data for further information) (I)	32.55	0.41
State	Remnant contains Special Biodiversity Values (view Expert Panel data for further information) (I) & Remnant forms part of a bioregional corridor (J)	337.39	4.24
State	Remnant forms part of a bioregional corridor (J)	1,209.05	15.18
Regional	Remnant contains Special Biodiversity Values (view Expert Panel data for further information) (I)	361.9	4.54

A description of each of the other essential criteria and associated assessment in regards to the AOI is provided in the following sections.

Criteria H. Essential and general habitat for priority taxa: Priority taxa are those which are at risk or of management concern, taxa of scientific interest as relictual (ancient or primitive), endemic taxa or locally significant populations (such as a flying fox camp or heronry), highly specialised taxa whose habitat requirements are complex and distributions are not well correlated with any particular regional ecosystem, taxa important for maintaining genetic diversity (such as complex spatial patterns of genetic variation, geographic range limits, highly disjunct populations), taxa critical for management or monitoring of biodiversity (functionally important or ecological indicators), or economic and culturally important taxa.

Criteria I. Special biodiversity values: areas with special biodiversity values are important because they contain multiple taxa in a unique ecological and often highly biodiverse environment. Areas with special biodiversity values can include the following:

- Ia - centres of endemism - areas where concentrations of taxa are endemic to a bioregion or subregion are found.
- Ib - wildlife refugia (Morton *et al*. 1995), for example, islands, mound springs, caves, wetlands, gorges, mountain ranges and topographic isolates, ecological refuges, refuges from exotic animals, and refuges from clearing. The latter may include large areas that are not suitable for clearing because of land suitability/capability.
- Ic - areas with concentrations of disjunct populations.
- Id - areas with concentrations of taxa at the limits of their geographic ranges.
- Ie - areas with high species richness.
- If - areas with concentrations of relictual populations (ancient and primitive taxa).
- Ig - areas containing REs with distinct variation in species composition associated with geomorphology and other environmental variables.
- Ih - an artificial waterbody or managed/manipulated wetland considered by the panel/s to be of ecological significance.
- Ii - areas with a high density of hollow-bearing trees that provide habitat for animals.
- Ij - breeding or roosting sites used by a significant number of individuals.

- Ik - climate change refuge.

The following table identifies the value and extent area of the Other Essential Criteria H and I within the AOI.

Table 13: Relative importance of expert panel criteria (H and I) used to access overall biodiversity significance with respect to the AOI

Expert Panel	Very High Rating - Area (Ha)	Very High Rating - % of AOI	High Rating - Area (Ha)	High Rating - % of AOI	Medium Rating - Area (Ha)	Medium Rating - % of AOI	Low Rating - Area (Ha)	Low Rating - % of AOI
H: Core Habitat Priority Taxa	170.16	2.1	212.45	2.7	698.47	8.8	898.98	11.3
Ia: Centres of Endemism	110.66	1.4						
Ib: Wildlife Refugia	525.9	6.6	397.73	5.0				
Ic: Disjunct Populations	4.51	0.1						
Id: Limits of Geographic Ranges	106.15	1.3	4.51	0.1				
Ie: High Species Richness	253.56	3.2	166.74	2.1				
If: Relictual Populations								
Ig: Variation in Species Composition								
Ih: Artificial Wetland								
Ii: Hollow Bearing Trees			207.38	2.6				
Ij: Breeding or Roosting Site	206.14	2.6						
Ik: Climate Refugia	359.71	4.5						

NB. Whilst biodiversity values associated with Criteria I may be present within the site (refer to tables 12 and 15), for the New England Tableland and Central Queensland Coast BPAs, area and % area figures associated with Criteria Ia through to Ij cannot be listed in the table above (due to slight variations in data formats between BPAs).

Criteria J. Corridors: areas identified under this criterion qualify either because they are existing vegetated corridors important for contiguity, or cleared areas that could serve this purpose if revegetated. Some examples of corridors include riparian habitats, transport corridors and "stepping stones".

Bioregional and subregional conservation corridors have been identified in the more developed bioregions of Queensland through the BPAs, using an intensive process involving expert panels. Map 3 displays the location of corridors as identified under the Statewide Corridor network. The Statewide Corridor network incorporates BPA derived corridors and for bioregions where no BPA has been assessed yet, corridors derived under other planning processes. *Note: as a result of updating and developing a statewide network, the alignment of corridors may differ slightly in some instances when compared to those used in individual BPAs.*

The functions of these corridors are:

- **Terrestrial** Bioregional corridors, in conjunction with large tracts of remnant vegetation, maintain ecological and evolutionary processes at a landscape scale, by:

  - Maintaining long term evolutionary/genetic processes that allow the natural change in distributions of species and connectivity between populations of species over long periods of time;

• Maintaining landscape/ecosystems processes associated with geological, altitudinal and climatic gradients, to allow for ecological responses to climate change;
• Maintaining large scale seasonal/migratory species processes and movement of fauna;
• Maximising connectivity between large tracts/patches of remnant vegetation;
• Identifying key areas for rehabilitation and offsets; and

- **Riparian** Bioregional Corridors also maintain and encourage connectivity of riparian and associated ecosystems.

The location of the corridors is determined by the following principles:
- Terrestrial
• Complement riparian landscape corridors (i.e. minimise overlap and maximise connectivity);
• Follow major watershed/catchment and/or coastal boundaries;
• Incorporate major altitudinal/geological/climatic gradients;
• Include and maximise connectivity between large tracts/patches of remnant vegetation;
• Include and maximise connectivity between remnant vegetation in good condition; and

- Riparian
• Located on the major river or creek systems within the bioregion in question.

The total extent of remnant vegetation triggered as being of "State", "Regional" or "Local" significance due to the presence of an overlying BPA derived terrestrial or riparian corridor within the AOI, is provided in the following table. For further information on how remnant vegetation is triggered due to the presence of an overlying BPA derived corridor, refer to the relevant landscape BPA expert panel report(s).

Table 14: Extent of triggered remnant vegetation due to the presence of BPA derived corridors with respect to the AOI

Biodiversity Significance	Area (Ha)	% of AOI
State	1,832.89	23.01
Regional	88.02	1.1
Local	0.0	0.0

NB: area figures associated with the extent of corridor triggered remnant vegetation are only available for those bioregions where a BPA has been undertaken.

Refer to **Map 3** for further information.

Threatening process/condition (Criteria K) - areas identified by experts under this criterion may be used to amend (upgrade or downgrade) biodiversity significance arising from the "first-cut" analysis. The condition of remnant vegetation is affected by threatening processes such as weeds, ferals, grazing and burning regime, selective timber harvesting/removal, salinity, soil erosion, and climate change.

Assessment of Criteria K with respect to the AOI is not currently included in the "Biodiversity and Conservation Values" report, as it has not been applied to the majority of Queensland due to data/information limitations and availability.

Special Area Decisions

Expert panel derived "Special Area Decisions" are used to assign values to Other Essential Criteria. The specific decisions which relate to the AOI in question are listed in the table below.

Table 15: Expert panel decisions for assigning levels of biodiversity significance with respect to the AOI

Decision Number	Description	Panel Recommended Significance	Criteria Values
brbs_fl_36	Mountain coolibah remnants, Eastern Darling Downs	Regional	Ib (refugia): H

Decision Number	Description	Panel Recommended Significance	Criteria Values
brbs_l_15	Relictual subregions (less than 30% remnant vegetation) - remnant vegetation	Regional	Ib (refugia): H
brbs_l_17a	None	None	None
brbs_l_41	Remnant grasslands, Eastern Darling Downs	State	Ia (endemic richness): VH; Ib (refugia): VH; Ic (disjunct populations): VH; Id (range limits): H; Ie (species richness): H
seqs_l_17	Helidon Hills	State	Ia (SEQ endemic taxa): VERY HIGH Ib (wildlife refugia): VERY HIGH Id (disjunct populations): VERY HIGH Ik (climate refugia): VERY HIGH
seqs_l_22	Terrestrial bioregional corridors	State or Regional	Criterion J
seqs_l_49	Riparian bioregional corridors	State	Criterion J
seqs_l_51	Permanent groundwater dependent ecosystems (GDE)	State	Ib (wildlife refugia): VERY HIGH Ie (high species richness): VERY HIGH Ik (climate refugia): VERY HIGH
seqs_l_57	Riparian lowland forest systems (other than riparian/gallery rainforests systems)	State	Ib (wildlife refugia): VERY HIGH Ie (high species richness: HIGH Ii (hollow bearing trees): HIGH
seqs_l_61	Semi-evergreen vine thicket	State	Ib (wildlife refugia): VERY HIGH Ie (high species richness): VERY HIGH Ij (breeding / roosting sites): VERY HIGH Ik (climate refuge): VERY HIGH

Expert panel decision descriptions:

brbs_fl_36

The Eastern Darling Downs subregion contains the southern limits of mountain coolibah Eucalyptus orgadophila woodlands on basalt hills (11.8.5). The community is considered to provide important habitat for several threatened plant species including: Digitaria porrecta, Discaria pubescens, Picris evae and Thesium australe.

brbs_l_15

A summary of research on landscape thresholds for remnant vegetation is provided by James Saunders (2001). The evidence suggests that once remnant vegetation falls below 30%, there are significant declines in biodiversity.

The following subregions have less than 30% remnant vegetation in the southern Brigalow Belt: Relictual subregions (less than 30% remnant vegetation remaining) for the Brigalow Belt include; Upper Belyando Flood out (11.8), Isaac - Comet Downs (11.11), Callide Creek Downs (11.19), Dawson River Downs (11.21), Taroom Downs (11.25), Dulacca Downs (11.28), Weribone High (11.29), Tara Downs (11.30), Eastern Darling Downs (11.31), Moonie R. - Commoron Creek Floodout (11.33), Moonie - Barwon Interfluve (11.34), Warrambool - Moonie (11.35), Macintyre - Weir Fan (11.36), Narrandool (11.38).

Remnant vegetation provides a refuge from clearing in fragmented subregions and should be retained to maintain biodiversity.

Refer to brbn_l_89 for the northern BRB implementation of this decision.

brbs_l_17a

None

brbs_l_41

Remnants of once more extensive grasslands (less than 2% remains) dominated by Dichanthium spp. or Astrebla spp. within the Eastern Darling Downs subregion provide a refuge for a variety of threatened flora, e.g. Digitaria porrecta, Rhaponticum australe, Thesium australe and Solanum papaverifolium, many of which occur as disjunct populations or at the limit of their geographic range.

These areas are also recognised as being of important for reptile fauna including Carlia tetradactyla, shingle-back Tiliqua rugosa, spotted black snake Pseudechis guttatus, Delma inornata, common delma D. plebeia and threatened Condamine earless dragon Tympanocryptis condaminensis, the latter known to occur only from grasslands around Bongeen. Another notable fauna endemic is the only grassland snail found in Queensland, Jimbouria rodhobsoni. Disjunct populations of the endangered long-legged worm-skink Anomalopus mackayi are also found in similar habitat within the area.

Nb. In future panel reviews, the significance of all Brigalow Belt remnant natural grasslands should be reviewed.

seqs_l_17

Collectively, the area delineated has very high flora and landscape values. It is an area of sedimentary geology in places capped by the remnants of an old duricrusted surface of Tertiary age. It has weathered surfaces throughout. Watercourses have cut gorges through the sandstone beds especially on the western side.

The values identified for the area include:

- SEQ endemic taxa including narrow endemic taxa (Criterion Ia): SEQ endemic taxa - Bertya lapicola subsp. lapicola, Bossiaea dasycarpa ,Eucalyptus dura, E. helidonica, E. taurina, Caustis blakei subsp. macrantha, Goodenia heterophylla subsp. teucriifolia, Grevillea quadricauda, Hovea impressinerva, H. ramulosa, Leionema obtusifolium, Paspalidium grandispiculatum, Syncarpia verecunda, Xylomelum benthamii.

- Wildlife refugia (Criterion Ib).
- Disjunct taxa (Criterion Ic): largely species from sandstone areas in the Brigalow Belt region. Disjunct taxa: Acacia baeuerlenii, A. blakei subsp. blakei, A. brachycarpa, A. julifera subsp. julifera, A. leichhardtii, Allocasuarina inophloia, Aotus subglauca var. filiformis, A. subglauca var. subglauca, Sannantha collina, Eucalyptus baileyana, Gompholobium foliolosum, Grevillea singuliflora, Hakea plurinervia, Leucopogon biflorus, Leptospermum lamellatum, Lysicarpus angustifolius, Mirbelia speciosa subsp. ringrosei, Xanthosia stellata.
- Climate refugia (Criterion Ik): A combination of ecosystem and landscape elements are present across parts of the general area described considered to provide refugial functions and/or which faciliate adapation zones (SEQ Catchments 2016).

seqs_l_22

The expert panel reviewed the existing bioregional corridors for southern SEQ. Corridors were assigned as being of State or Regional significance.

For further information, refer to section 2.3.2 and 3.2 of this report.

seqs_l_49

The riparian bioregional corridors provide connectivity through lowland areas of SEQ.

See Table 4 for list of waterways considered riparian corridors.

For further information, refer to sections 2.3.2 and 3.2 of this report.

seqs_l_51

This decision relates to all ecosystems that have a permanent groundwater connection. Two examples include the Blue Lake on North Stradbroke Island and the upper Lamington plateau streams. Such systems are very rare in the Australian landscape.

Additionally, given the expected increase in frequency of droughts and higher tempertatures, such areas may act as important drought refugia.

seqs_l_57

Riparian lowland forest ecosystems are important components of the lowland landscape, frequently exhibiting higher species richness and abundance than surrounding habitats. They act as movement pathways along riparian systems for a number of species, especially birds. They also often provide critical resources for many species in terms of food, shelter and nesting sites. For example, the seasonal flowering of melaleuca is important for species of honeyeaters, whilst narrow bands of flooded gum along watercourses are significant habitat for koalas Phascolarctos cinereus, especially in times of drought. Large trees in these systems also act as a source of nest hollows for many species of birds, bats and arboreal mammals. (Lovett Price 2007)

Due to historical and preferential clearing in SEQ, remaining systems are often heavily fragmented and have undergone a substantial reduction in their extent. In many areas, condition is often poor and subject to considerable weed problems.

Values include:

- Wildlife refugia (Criterion Ib).
- High species richness (Criterion Ie).
- Larger trees in such systems are often a significant source of nest hollows (Criterion Ii).

Note - for the same decision relevant to the northern portion of the SEQ bioregion refer to seqn_l_50.

seqs_l_61

Good examples within the Brisbane region include Cameron's Scrub and the adjacent Edward Corbould Nature Refuge.

Aquatic Conservation Assessments

Introduction

The Aquatic Biodiversity Assessment and Mapping Method or AquaBAMM (Clayton *et al.* 2006), was developed to assess conservation values of wetlands in queensland, and may also have application in broader geographical contexts. It is a comprehensive method that uses available data, including data resulting from expert opinion, to identify relative wetland conservation/ecological values within a specified study area (usually a catchment). The product of applying this method is an Aquatic Conservation Assessment (ACA) for the study area.

An ACA using AquaBAMM is non-social, non-economic and identifies the conservation/ecological values of wetlands at a user-defined scale. It provides a robust and objective conservation assessment using criteria, indicators and measures that are founded upon a large body of national and international literature. The criteria, each of which may have variable numbers of indicators and measures, are naturalness (aquatic), naturalness (catchment), diversity and richness, threatened species and ecosystems, priority species and ecosystems, special features, connectivity and representativeness. An ACA using AquaBAMM is a powerful decision support tool that is easily updated and simply interrogated through a geographic information system (GIS).

Where they have been conducted, ACAs can provide a source of baseline wetland conservation/ecological information to support natural resource management and planning processes. They are useful as an independent product or as an important foundation upon which a variety of additional environmental and socio-economic elements can be added and considered (i.e. an early input to broader 'triple-bottom-line' decision-making processes). An ACA can have application in:

- determining priorities for protection, regulation or rehabilitation of wetlands and other aquatic ecosystems
- on-ground investment in wetlands and other aquatic ecosystems
- contributing to impact assessment of large-scale development (e.g. dams)
- water resource and strategic regional planning prcesses

For a detailed explanation of the methodology please refer to the summary and expert panel reports relevant to the ACA utilised in this assessment. These reports can be accessed at Wetland *Info*:

http://wetlandinfo.des.qld.gov.au/wetlands/assessment/assessment-methods/aca

The GIS results can be downloaded from the Queensland Spatial Catalogue at:

http://qspatial.information.qld.gov.au/geoportal/

Explanation of Criteria

Under the AquaBAMM, eight criteria are assessed to derive an overall conservation value. Similar to the Biodiversity Assessment and Mapping Methodology, the criteria may be primarily diagnostic (quantitative) or primarily expert opinion (qualitative) in nature. The following sections provide a brief description of each of the 8 criteria.

Criteria 1. Naturalness - Aquatic: This attribute reflects the extent to which a wetland's (riverine, non-riverine, estuarine) aquatic state of naturalness is affected through relevant influencing indicators which include: presence of exotic flora and fauna; presence of aquatic communities; degree of habitat modification and degree of hydrological modification.

Criteria 2. Naturalness - Catchment: The naturalness of the terrestrial systems of a catchment can have an influence on many wetland characteristics including: natural ecological processes e.g. nutrient cycling, riparian vegetation, water chemistry, and flow. The indicators utilised to assess this criterion include: presence of exotic flora and/or fauna; riparian, catchment and flow modification.

Criteria 3. Naturalness - Diversity and Richness: This criterion is common to many ecological assessment methods and can include both physical and biological features. It includes such indicators as species richness, riparian ecosystem richness and geomorphological diversity.

Criteria 4. Threatened Species and Ecosystems: This criterion evaluates ecological rarity characteristics of a wetland. This includes both species rarity and rarity of communities / assemblages. The communities and assemblages are best represented by regional ecosystems. Species rarity is determined by NCA and EPBC status with Endangered, Vulnerable or Near-threatened species being included in the evaluation. Ecosystem rarity is determined by regional ecosystem biodiversity status i.e. Endangered, Of Concern, or Not of Concern.

Criteria 5. Priority Species and Ecosystems: Priority flora and fauna species lists are expert panel derived. These are aquatic, semi-aquatic and riparian species which exhibit at least 1 particular trait in order to be eligible for consideration. For

flora species the traits included:

- It forms significant macrophyte beds (in shallow or deep water).
- It is an important food source.
- It is important/critical habitat.
- It is implicated in spawning or reproduction for other fauna and/or flora species.
- It is at its distributional limit or is a disjunct population.
- It provides stream bank or bed stabilisation or has soil binding properties.
- It is a small population and subject to threatening processes.

Fauna species are included if they meet at least one of the following traits:

- It is endemic to the study area (>75 per cent of its distribution is in the study area/catchment).
- It has experienced, or is suspected of experiencing, a serious population decline.
- It has experienced a significant reduction in its distribution and has a naturally restricted distribution in the study area/catchment.
- It is currently a small population and threatened by loss of habitat.
- It is a significant disjunct population.
- It is a migratory species (other than birds).
- A significant proportion of the breeding population (>one per cent for waterbirds, >75 per cent other species) occurs in the waterbody (see Ramsar criterion 6 for waterbirds).
- Limit of species range.

See the individual expert panel reports for the priority species traits specific to an ACA.

Criteria 6. Special Features: Special features are areas identified by flora, fauna and ecology expert panels which exhibit characteristics beyond those identified in other criteria and which the expert panels consider to be of the highest ecological importance. Special feature traits can relate to, but are not solely restricted to geomorphic features, unique ecological processes, presence of unique or distinct habitat, presence of unique or special hydrological regimes e.g. spring-fed streams. Special features are rated on a 1 - 4 scale (4 being the highest).

Criteria 7. Connectivity: This criterion is based on the concept that appropriately connected aquatic ecosystems are healthy and resilient, with maximum potential biodiversity and delivery of ecosystem services.

Criteria 8. Representativeness: This criterion applies primarily to non-riverine assessments, evaluates the rarity and uniqueness of a wetland type in relation to specific geographic areas. Rarity is determined by the degree of wetland protection within "protected Areas" estate or within an area subject to the *Fisheries Act 1994*, *Coastal Protection and Management Act 1995*, or *Marine Parks Act 2004*. Wetland uniqueness evaluates the relative abundance and size of a wetland or wetland management group within geographic areas such as catchment and subcatchment.

Riverine Wetlands

Riverine wetlands are all wetlands and deepwater habitats within a channel. The channels are naturally or artificially created, periodically or continuously contain moving water, or connecting two bodies of standing water. AquaBAMM, when applied to riverine wetlands uses a discrete spatial unit termed subsections. A subsection can be considered as an area which encompasses discrete homogeneous stream sections in terms of their natural attributes (i.e. physical, chemical, biological and utilitarian values) and natural resources. Thus in an ACA, an aquatic conservation significance score is calculated for each subsection and applies to all streams within a subsection, rather than individual streams as such.

Please note, the area figures provided in Tables 16 and 17, are derived using the extent of riverine subsections within the AOI. Refer to **Map 5** for further information. A summary of the conservation significance of riverine wetlands within the AOI is provided in the following table.

Table 16: Overall level/s of riverine aquatic conservation significance

Aquatic conservation significance (riverine wetlands)	Area (Ha)	% of AOI
Very High	2,408.57	30.24

Aquatic conservation significance (riverine wetlands)	Area (Ha)	% of AOI
High	2,151.98	27.02
Medium	3,405.19	42.75
Low	0.0	0.0
Very Low	0.0	0.0

The individual aquatic conservation criteria ratings for riverine wetlands within the AOI are listed below.

Table 17: Level/s of riverine aquatic conservation significance based on selected criteria

Criteria	Very High Rating - Area (Ha)	Very High Rating - % of AOI	High Rating - Area (Ha)	High Rating - % of AOI	Medium Rating - Area (Ha)	Medium Rating - % of AOI	Low Rating - Area (Ha)	Low Rating - % of AOI
1. Naturalness aquatic	613.84	7.7	3,981.66	50.0	3,370.24	42.3		
2. Naturalness catchment			3,405.23	42.7	4,560.51	57.3		
3. Diversity and richness			5,371.88	67.4	2,593.86	32.6		
4. Threatened species and ecosystems	840.56	10.6			7,125.18	89.4		
5. Priority species and ecosystems	7,704.03	96.7			261.71	3.3		
6. Special features	2,408.58	30.2	764.18	9.6				
7. Connectivity	4,740.06	59.5	203.31	2.6	2,332.15	29.3	690.22	8.7
8. Representative-ness								

The table below lists and describes the relevant expert panel decisions used to assign conservation significance values to riverine wetlands within the AOI.

Table 18: Expert panel decisions for assigning overall levels of riverine aquatic conservation significance

Decision number	Special feature	Catchment	Criteria/Indicator/Measure	Conservation rating (1-4)
cb_r_ec_09	Flying fox camps	Condamine-Balonne	6.3.1	3
ly_r_ec_02	Basaltic ground fed permanent refugia pools.	Lockyer	6.4.1, 6.3.1	4
ly_r_fa_02	Headwater areas supporting macro-invertebrate taxa	Lockyer	6.3.1	4
ly_r_ec_03	High energy lotic systems	Lockyer	6.1.1	3

4 is the highest rating/value

Expert panel decision descriptions:

cb_r_ec_09

Black flying fox camps located on watercourses: Bungil Creek, Roma; Macintyre River, Goondiwindi; Spring Creek, Toowoomba; Dalrymple Creek at Allora, and Myall Creek, east of Dalby. Wherever permanent or temporary camps occur, the riparian zone vegetation should be identified as special habitat.

ly_r_ec_02

Refugial value and ground water connectivity due to basalt aquifers in volcanic uplands. The Tertiary Basalt is an elite aquifer. Small permanent pools in the streams are maintained by spring-fed headwater systems. Steepness adds to uniqueness as it results in pools on shelves. Influence of the aquifers may extend downstream a minimum of 1 km in higher rainfall areas but can extend down to valley-bottom alluvium. In areas with less than 800 mm rainfall, the distance of influence is reduced e.g. as little as 100m away from the basalt outcrops. These streams are part of the Groundwater Dependent Ecosystem (GDE) mapping program. Pools in the northern basalt outcrops have eels and gudgeon.

ly_r_fa_02

Headwaters above the 300m contour and down into the mid sections of most streams in the basalt areas within the Scenic Rim subregion. Upland streams with steep gradients in undisturbed subcatchments, with good water quality, running over diverse substrates. High diversity of most macroinvertebrates e.g. crayfish, caddisflies and mayflies. Also stream-adapted frog fauna including a number of EVNT species. These fauna values correlate with elevated altitude, high rainfall, and intact vegetation.

ly_r_ec_03

Boulder to cobble bed stretches in stream beds providing pool and riffle environments. Provide diversity in substrate habitat and a highly oxygenated, self-cleaning system. Believed to be some examples downstream from Wivenhoe and Somerset dams and below other major infrastructure; regulated flow in these locations can result in enhanced biodiversity relative to natural state. Not all examples will have high ecological value due to other factors e.g. water quality. Activities that remove boulders and stones cause degradation.

Non-riverine Wetlands

Non-riverine wetlands include both lacustrine and palustrine wetlands, however, do not currently incorporate estuarine, marine or subterranean wetland types. A summary of the conservation significance of non-riverine wetlands within the AOI is provided in the following table. Refer to **Map 6** for further information.

Table 19: Overall level/s of non-riverine aquatic conservation significance

Aquatic conservation significance (non-riverine wetlands)	Area (Ha)	% of AOI
Very High	0.0	0.0
High	0.0	0.0
Medium	11.45	0.14
Low	0.0	0.0
Very Low	0.0	0.0

The following table provides an assessment of non-riverine wetlands within the AOI and associated aquatic conservation criteria values.

Table 20: Level/s of non-riverine aquatic conservation significance based on selected criteria

Criteria	Very High Rating - Area (Ha)	Very High Rating - % of AOI	High Rating - Area (Ha)	High Rating - % of AOI	Medium Rating - Area (Ha)	Medium Rating - % of AOI	Low Rating - Area (Ha)	Low Rating - % of AOI
1. Naturalness aquatic							11.46	0.1
2. Naturalness catchment			1.13		10.33	0.1		

Criteria	Very High Rating - Area (Ha)	Very High Rating - % of AOI	High Rating - Area (Ha)	High Rating - % of AOI	Medium Rating - Area (Ha)	Medium Rating - % of AOI	Low Rating - Area (Ha)	Low Rating - % of AOI
3. Diversity and richness			11.46	0.1				
4. Threatened species and ecosystems			8.14	0.1				
5. Priority species and ecosystems	11.46	0.1						
6. Special features								
7. Connectivity								
8. Representative-ness								

The table below lists and describes the relevant expert panel decisions used to assign conservation significance values to non-riverine wetlands within the AOI.

Table 21: Expert panel decisions for assigning overall levels of non-riverine aquatic conservation significance.

Decision number	Special feature	Catchment	Criteria/Indicator/Measure	Conservation rating (1-4)
(No Records)				

4 is the highest rating/value

Expert panel decision descriptions:

(No Records)

Threatened and Priority Species

Introduction

This chapter contains a list of threatened and priority flora and/or fauna species that have been recorded on, or within 4km of the Assessment Area.

The information presented in this chapter with respect to species presence is derived from compiled databases developed primarily for the purpose of BPAs and ACAs. Data is collated from a number of sources and is updated periodically.

It is important to note that the list of species provided in this report, may differ when compared to other reports generated from other sources such as the State government's WildNet, Herbrecs or the federal government's EPBC database for a number of reasons.

Records for threatened and priority species are filtered and checked based on a number of rules including:

- Taxonomic nomenclature - current scientific names and status,
- Location - cross-check co-ordinates with location description,
- Taxon by location - requires good knowledge of the taxon and history of the record,
- Duplicate records - identify and remove,
- Expert panels - check records and provide new records,
- Flora cultivated records excluded,
- Use precise records less than or equal to 2000m,
- Use recent records greater than or equal to 1975 animals, greater than or equal to 1950 plants.

Threatened Species

Threatened species are those species classified as "Endangered" or "Vulnerable" under the *Environment Protection and Biodiversity Conservation Act 1999* or "Endangered", "Vulnerable" or "Near threatened" under the *Nature Conservation Act 1992*.

The following threatened species have been recorded on, or within approximately 4km of the AOI.

Table 22: Threatened species recorded on, or within 4km of the AOI

Species	Common name	NCA status	EPBC status	Back on Track rank	Migratory species*	Wetland species**	Identified flora/fauna
Adelotus brevis	tusked frog	V		Medium		Y	FA
Arthraxon hispidus		V	V	Low			FL
Bothriochloa bunyensis	Bunya Mountains bluegrass	V	V	Low			FL
Chalinolobus dwyeri	large-eared pied bat	V	V	Medium			FA
Cyperus clarus		V		Medium			FL
Delma torquata	collared delma	V	V	High			FA
Digitaria porrecta		NT		Low			FL
Eucalyptus taurina	Helidon ironbark	V		Low			FL
Geophaps scripta scripta	squatter pigeon (southern subspecies)	V	V	Medium			FA
Grantiella picta	painted honeyeater	V	V	High			FA
Grevillea quadricauda		V	V	Low			FL

Species	Common name	NCA status	EPBC status	Back on Track rank	Migratory species*	Wetland species**	Identified flora/fauna
Hemiaspis damelii	grey snake	E		Medium			FA
Jalmenus eubulus	pale imperial hairstreak	V		Medium			FA
Lathamus discolor	swift parrot	E	CE	Medium			FA
Lepidium peregrinum		C	E	Low			FL
Marsdenia coronata	slender milkvine	V		Low			FL
Ninox strenua	powerful owl	V		Medium			FA
Paspalidium grandispiculatum		V	V	Low			FL
Petauroides volans	greater glider	V	V	Low			FA
Petauroides volans volans	southern greater glider	V	V				FA
Petrogale penicillata	brush-tailed rock-wallaby	V	V	High			FA
Phascolarctos cinereus	koala	V	V	Low			FA
Phascolarctos cinereus	Koala	V	V	Low			FA
Picris evae		V	V	High			FL
Pteropus poliocephalus	grey-headed flying-fox	C	V	Critical			FA
Rhaponticum australe		V	V	High			FL
Rostratula australis	Australian painted snipe	E	E	Medium		Y	FA
Sarcochilus weinthalii	blotched sarcochilus	E	V	Critical			FL
Sophora fraseri	brush sophora	V	V	Low			FL
Turnix melanogaster	black-breasted button-quail	V	V	Critical			FA
Tympanocryptis condaminensis	Condamine earless dragon	E	E	High			FA

NB. Please note that the threatened species listed in this section are based upon the most recently compiled DES internal state-wide threatened species dataset. This dataset may contain additional records that were not originally available for inclusion in the relevant individual BPAs and ACAs.

**JAMBA - Japan-Australia Migratory Bird Agreement; CAMBA - China-Australia Migratory Bird Agreement; ROKAMBA - Republic of Korea-Australia Migratory Bird Agreement; CMS - Convention on the Conservation of Migratory Species.*

***Y - wetland indicator species.*

BPA Priority Species

A list of BPA priority species that have been recorded on, or within approximately 4km of the AOI is contained in the following table.

Table 23: Priority species recorded on, or within 4km of the AOI

Species	Common name	Back on Track rank	Identified flora/fauna
Biziura lobata	Musk Duck	Low	FA
Cheramoeca leucosterna	White-backed Swallow	Low	FA
Chlamydosaurus kingii	Frilled Lizard	Low	FA
Chthonicola sagittata	Speckled Warbler	Low	FA
Climacteris picumnus	Brown Treecreeper	Low	FA
Cyclorana alboguttata	Greenstripe Frog	Low	FA
Delma plebeia	Common Delma	Medium	FA
Dockrillia pugioniformis	dagger orchid		FL
Ephippiorhynchus asiaticus	Black-necked Stork	Low	FA
Ixobrychus dubius	Australian Little Bittern	Data Deficient	FA
Limnodynastes dumerilii	Grey Bellied Pobblebonk	Low	FA
Litoria dentata	Bleating Treefrog	Low	FA
Lophoictinia isura	Square-tailed Kite	Low	FA
Macropus dorsalis	Black-striped Wallaby	Low	FA
Macularion aquila	Black-spotted Semi-slug		FA
Melithreptus gularis	Black-chinned Honeyeater	Low	FA
Nitor pudibunda	Pink Glass-snail		FA
Ornithorhynchus anatinus	Platypus	Low	FA
Pedinogyra hayii	Hay's Flat-coiled Snail		FA
Perameles nasuta	Long-nosed Bandicoot	Low	FA
Phascogale tapoatafa tapoatafa	Brush-tailed Phascogale	Low	FA
Pleuropoma draytonensis	Drayton Droplet Snail		FA
Pomatostomus temporalis	Grey-crowned Babbler		FA
Pseudophryne coriacea	Red Backed Broodfrog	Low	FA
Pteropus alecto	Black Flying-fox	Low	FA
Pteropus scapulatus	Little Red Flying-fox	Low	FA
Scagacola eddiei	Lockyer Valley Carnivorous Snail		FA
Scoteanax rueppellii	Greater Broad-nosed Bat	Medium	FA
Stagonopleura guttata	Diamond Firetail	HIgh	FA
Syzygium oleosum	blue cherry		FL
Telephlebia cyclops	Northern Evening Darner		FA
Tyto tenebricosa tenebricosa	Sooty Owl	Low	FA
Varanus varius	Lace Monitor	Low	FA

NB. Please note that the list of priority species is based on those species identified in the BPAs, however records for these species may be more recent than the originals used. furthermore, the BPA priority species databases are updated from time to time. At each update, the taxonomic details for all species are amended as necessary to reflect current taxonomic name and/or status changes.

ACA Priority Species

A list of ACA priority species used in riverine and non-riverine ACAs that have been recorded on, or within approximately 4km of the AOI are contained in the following tables.

Table 24: Priority species recorded on, or within 4 km of the AOI - riverine

Species	Common name	Back on Track rank	Identified flora/fauna
Acrocephalus australis	Australian Reed-Warbler	L	FA
Actitis hypoleucos	Common Sandpiper	L	FA
Amaurornis moluccana	Pale-vented Bush-hen	L	FA
Anguilla reinhardtii	Longfin Eel	L	FA
Ardea ibis	Cattle Egret	Low	FA
Ardea intermedia	Intermediate Egret	L	FA
Ardea modesta	Eastern Great Egret	Low	FA
Biziura lobata	Musk Duck	L	FA
Calidris acuminata	Sharp-tailed Sandpiper	L	FA
Casuarina cunninghamiana			FL
Ceyx azureus	Azure Kingfisher	L	FA
Eucalyptus tereticornis			FL
Ficus coronata	creek sandpaper fig		FL
Ficus macrophylla			FL
Gallinago hardwickii	Latham's Snipe	L	FA
Gallinago hardwickii	Latham's snipe	L	FA
Haliaeetus leucogaster	White-bellied Sea-Eagle	L	FA
Hydroprogne caspia	Caspian Tern	L	FA
Intellagama lesueurii	Eastern Water Dragon	L	FA
Ixobrychus dubius	Australian Little Bittern	DD	FA
Lonchura castaneothorax	Chestnut-breasted Mannikin	L	FA
Melaleuca bracteata			FL
Melaleuca viminalis		L	FL
Miniopterus schreibersii oceanensis	Eastern Bent-winged Bat	L	FA
Ornithorhynchus anatinus	Platypus	L	FA
Oxyura australis	Blue-billed Duck	L	FA
Pandion cristatus	Eastern Osprey	L	FA
Plegadis falcinellus	Glossy Ibis	L	FA
Rostratula australis	Australian Painted Snipe	M	FA

Table 25: Priority species recorded on, or within 4 km of the AOI - non-riverine

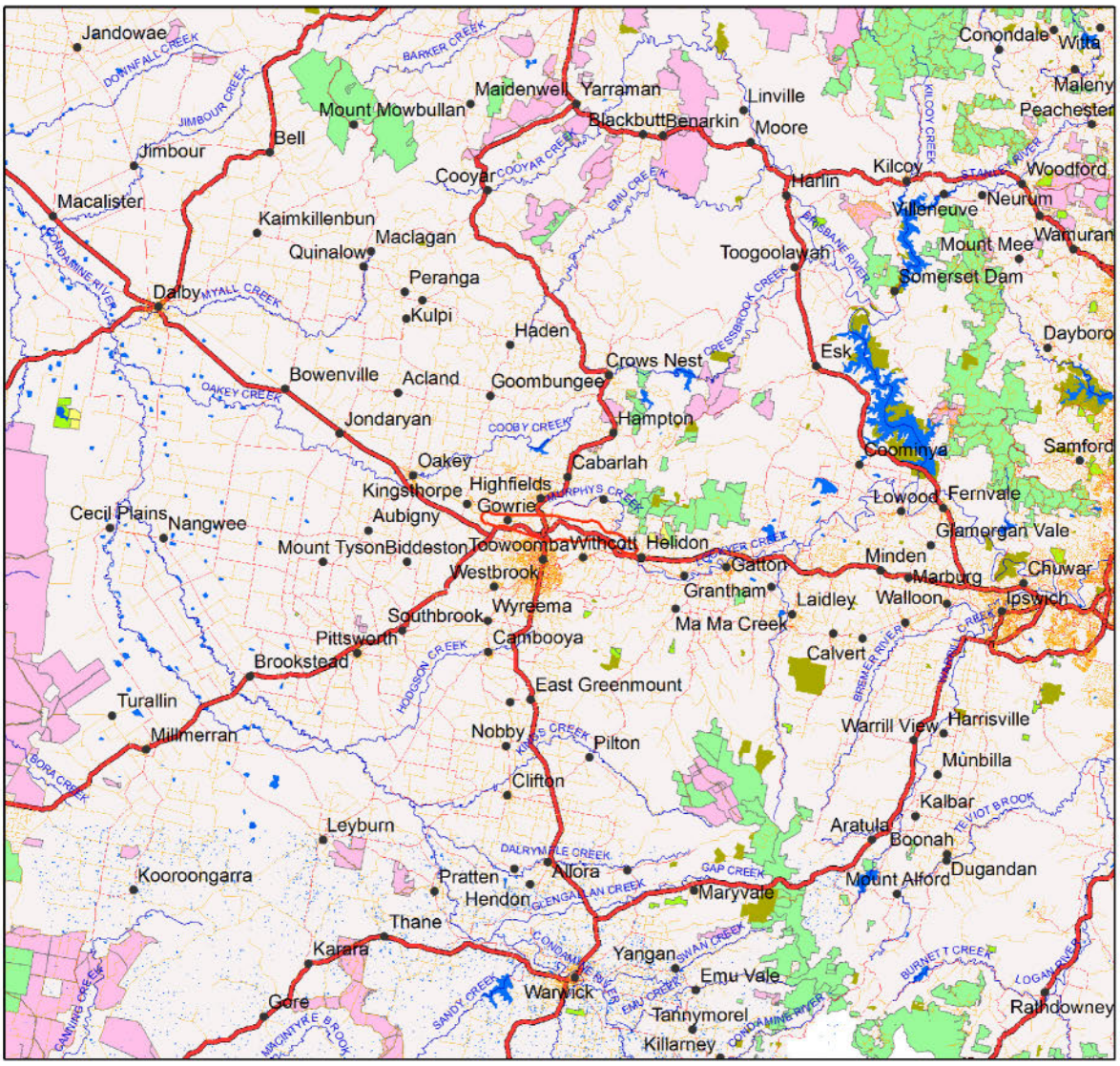
Species	Common name	Back on Track rank	Identified flora/fauna
Acrocephalus australis	Australian Reed-Warbler	L	FA
Amaurornis moluccana	Pale-vented Bush-hen	L	FA
Anguilla reinhardtii	Longfin Eel	L	FA
Ardea ibis	Cattle Egret	Low	FA
Ardea intermedia	Intermediate Egret	L	FA

Species	Common name	Back on Track rank	Identified flora/fauna
Ardea modesta	Eastern Great Egret	Low	FA
Biziura lobata	Musk Duck	L	FA
Calidris acuminata	Sharp-tailed Sandpiper	L	FA
Chlidonias leucopterus	White-winged Black Tern	L	FA
Cyclorana alboguttata	Greenstripe Frog	L	FA
Eucalyptus tereticornis			FL
Gallinago hardwickii	Latham's snipe	L	FA
Gallinago hardwickii	Latham's Snipe	L	FA
Haliaeetus leucogaster	White-bellied Sea-Eagle	L	FA
Hydroprogne caspia	Caspian Tern	L	FA
Intellagama lesueurii	Eastern Water Dragon	L	FA
Ixobrychus dubius	Australian Little Bittern	DD	FA
Limnodynastes salmini	salmon-striped frog	L	FA
Limosa limosa	Black-tailed Godwit	L	FA
Litoria chloris	Orange Eyed Treefrog	L	FA
Lonchura castaneothorax	Chestnut-breasted Mannikin	L	FA
Melaleuca bracteata			FL
Miniopterus schreibersii oceanensis	Eastern Bent-winged Bat	L	FA
Ornithorhynchus anatinus	Platypus	L	FA
Oxyura australis	Blue-billed Duck	L	FA
Pandion cristatus	Eastern Osprey	L	FA
Plegadis falcinellus	Glossy Ibis	L	FA
Rostratula australis	Australian Painted Snipe	M	FA
Tringa nebularia	Common Greenshank	L	FA
Tringa stagnatilis	Marsh Sandpiper	L	FA

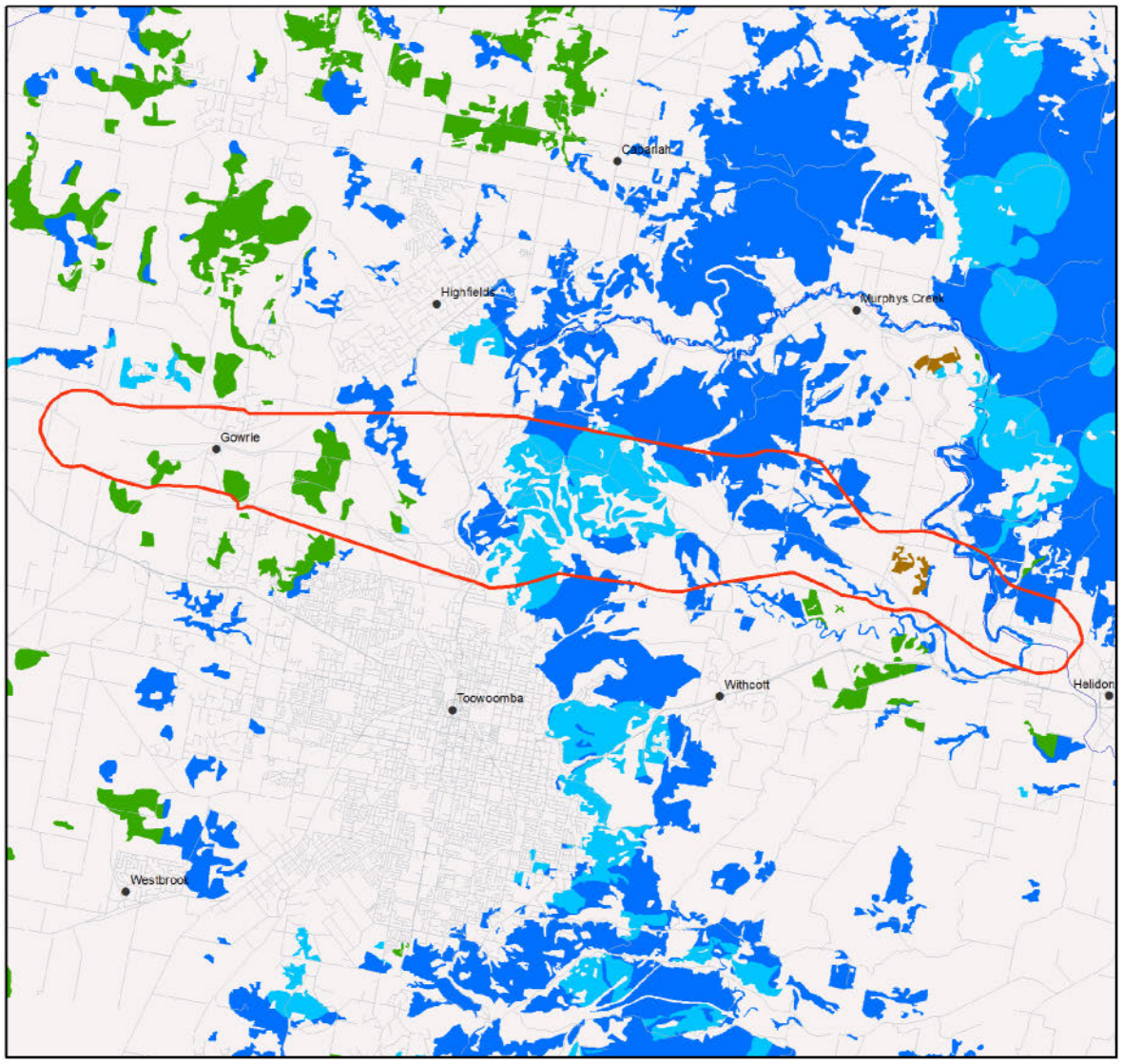
NB. Please note that the priority species records used in the above two tables are comprised of those adopted for the released individual ACAs. The ACA riverine and non-riverine priority species databases are updated from time to time to reflect new release of ACAs. At each update, the taxonomic details for all ACAs records are amended as necessary to reflect current taxonomic name and/or status changes.

Maps

Map 1 - Locality Map



Map 2 - Biodiversity Planning Assessment (BPA)



Biodiversity Planning Assessments

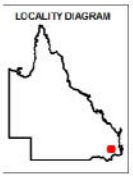
Legend

- polygon
- Towns
- Roads
- Major rivers/creeks
- Queensland

Biodiversity Planning Assessment

- State Habitat for EVNT taxa
- State
- Regional
- Local or Other Values
- Non Bioregion Ecosystem

LOCALITY DIAGRAM



N

0 1500 3000 4500 6000 7500 m

This product is projected into GDA 1994 Queensland Albers

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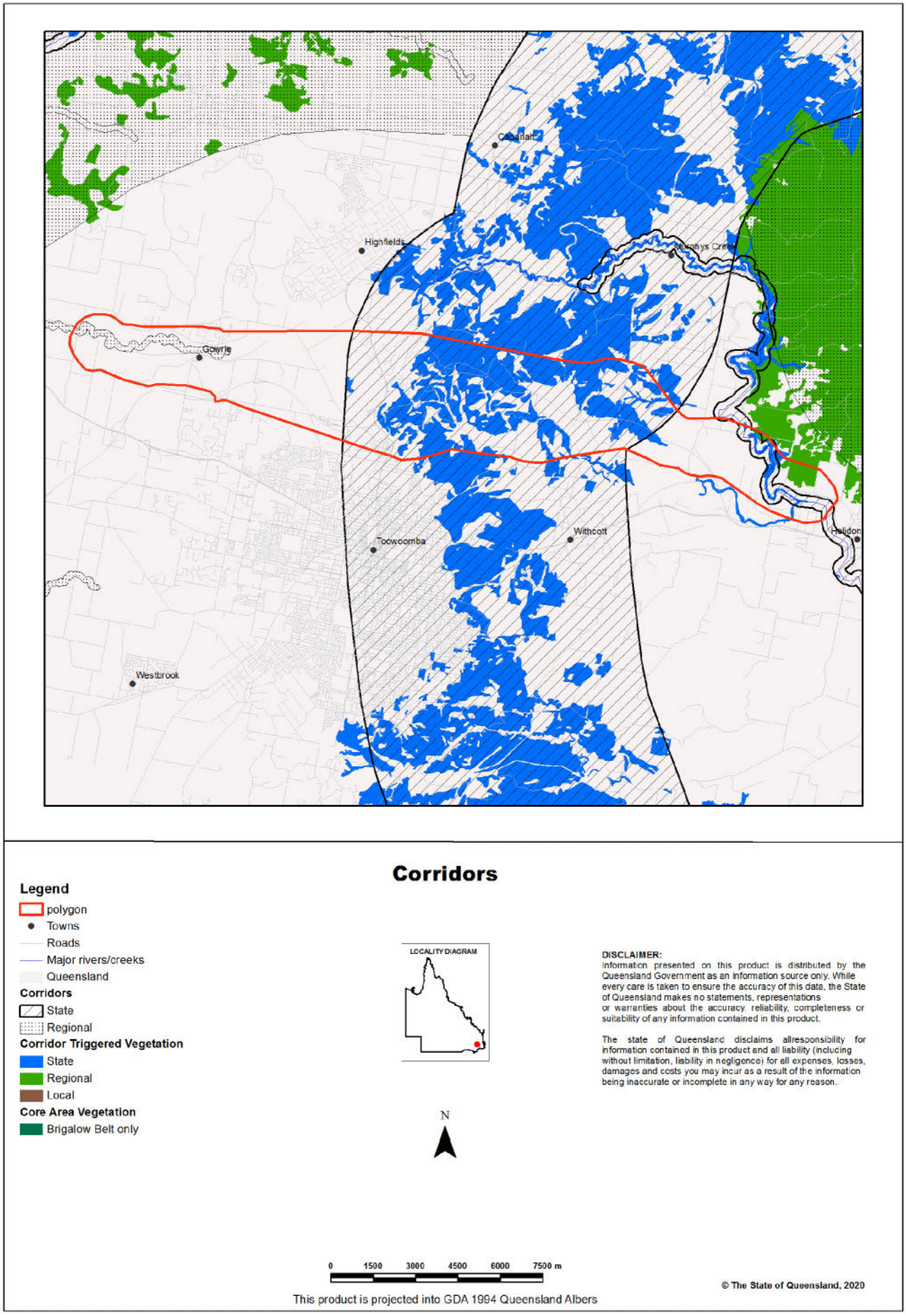
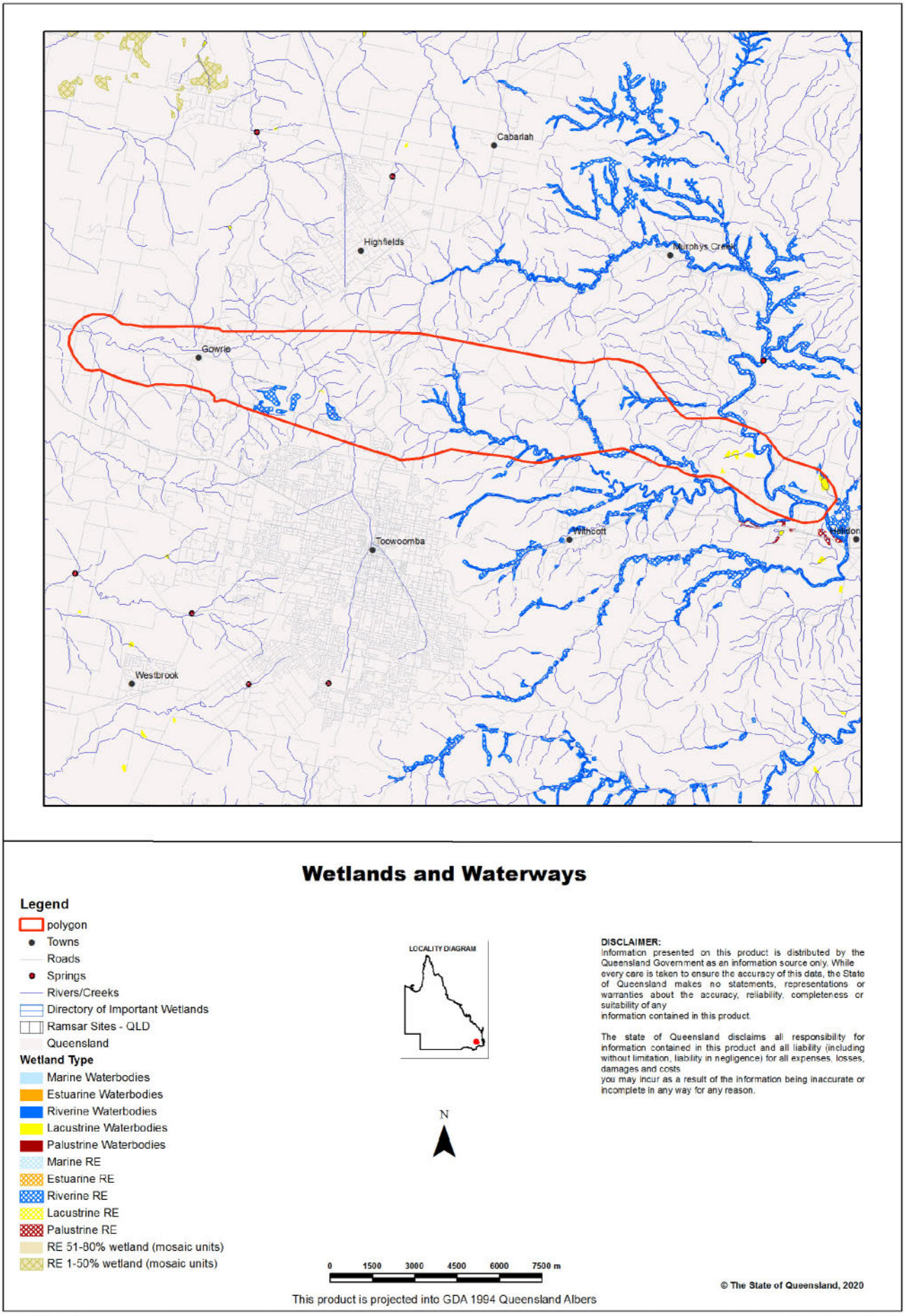
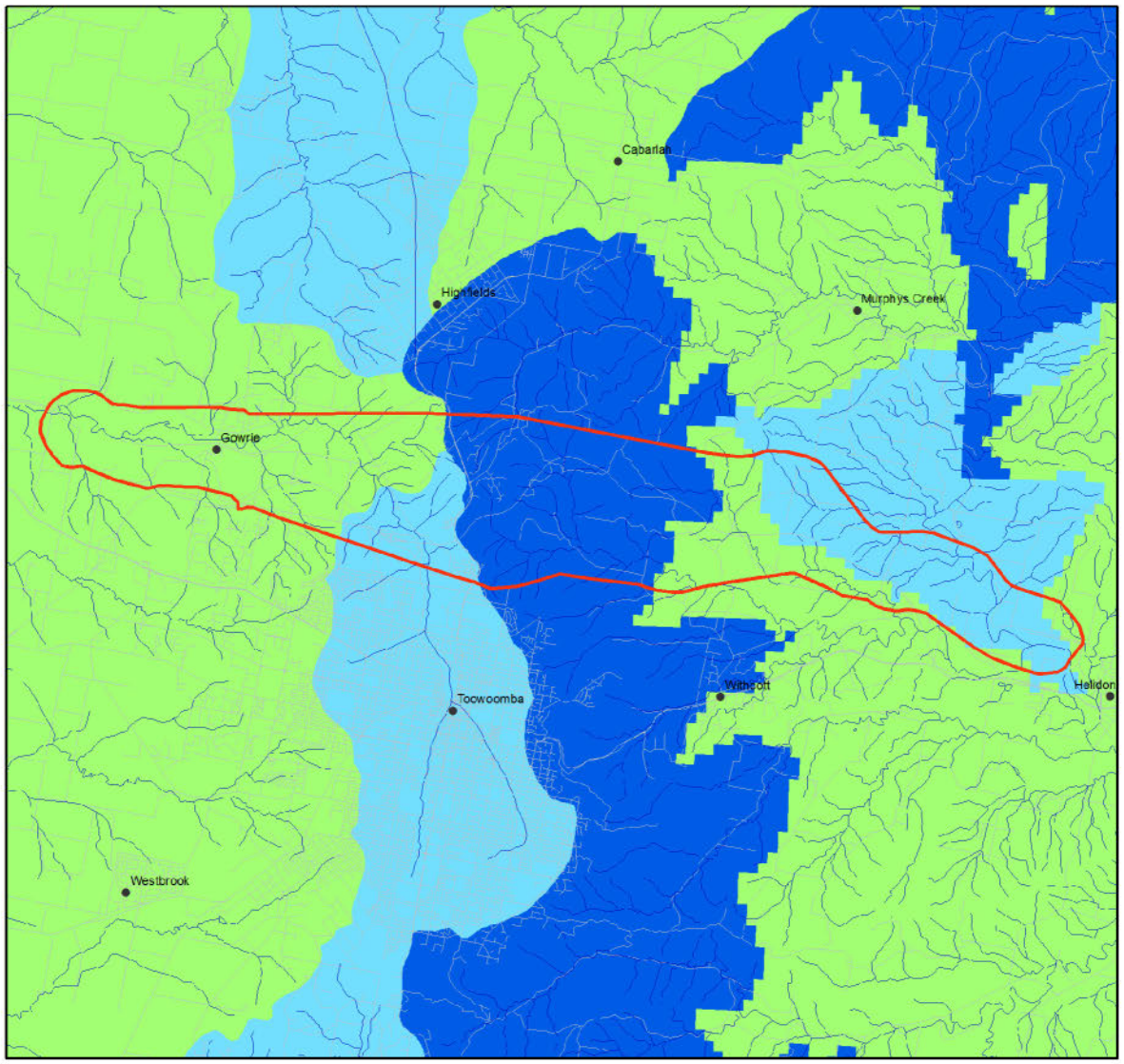
Map 3 - Corridors



Map 4 - Wetlands and waterways



Map 5 - Aquatic Conservation Assessment (ACA) - riverine



Aquatic Conservation Assessment (ACA) - riverine

Legend

- polygon
- Towns
- Roads
- Rivers/Creeks
- Queensland

ACA Riverine - Subcatchment Significance

- Very High
- High
- Medium
- Low
- Very Low

LOCALITY DIAGRAM

N

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0 1500 3000 4500 6000 7500 m

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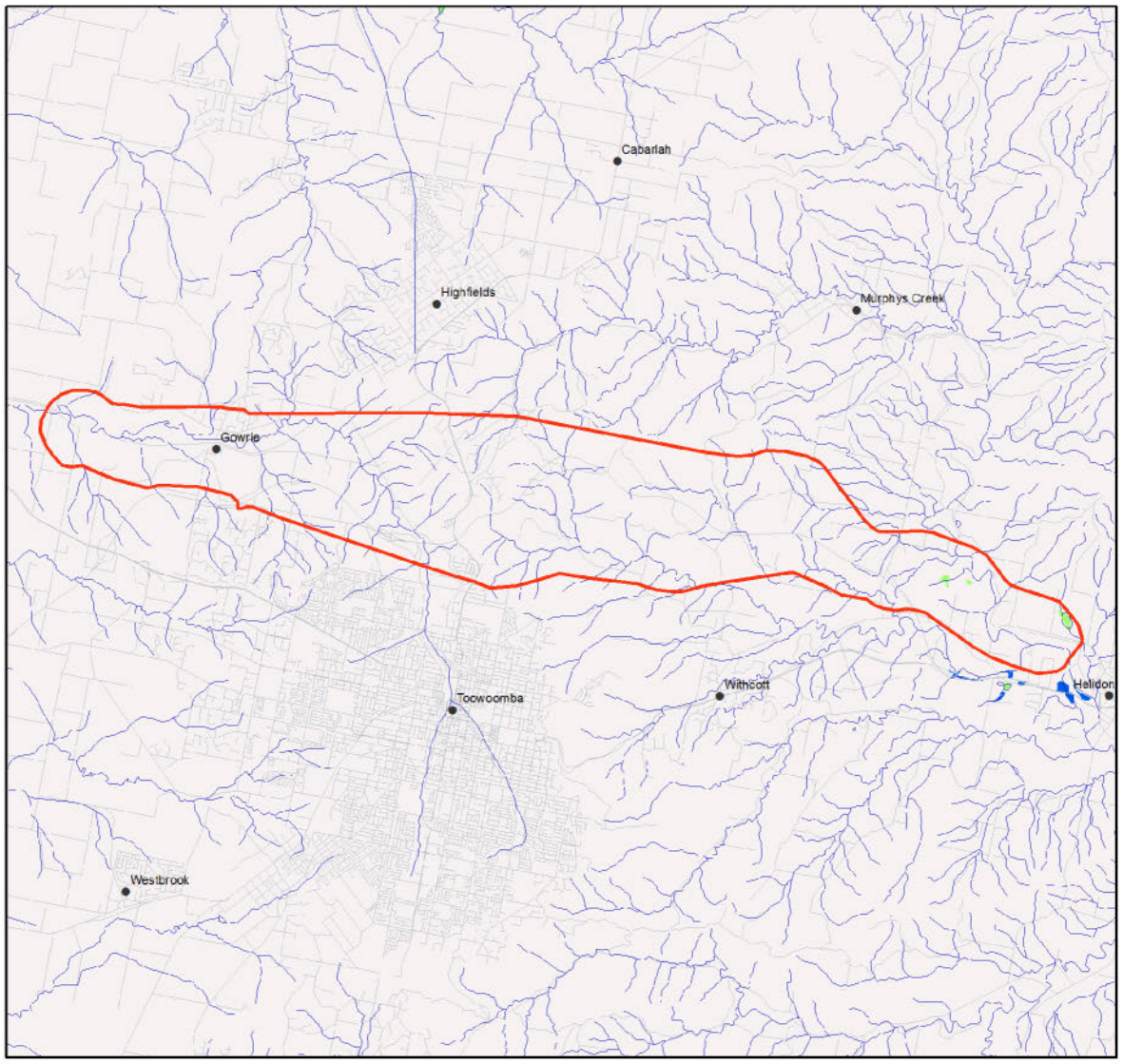
Map 6 - Aquatic Conservation Assessment (ACA) - non-riverine



Aquatic Conservation Assessment (ACA) - nonriverine

Legend

- polygon
- Towns
- Roads
- Rivers/Creeks
- Queensland

ACA Non-riverine

- Very High
- High
- Medium
- Low
- Very Low

LOCALITY DIAGRAM

N

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0 1500 3000 4500 6000 7500 m

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Clayton, P.D., Fielder, D.F., Howell, S. and Hill, C.J. (2006) *Aquatic biodiversity assessment and mapping method (AquaBAMM): a conservation values assessment tool for wetlands with trial application in the Burnett River catchment.* Published by the Environmental Protection Agency, Brisbane. ISBN 1-90928-07-3. Available at

http://wetlandinfo.des.qld.gov.au/wetlands/assessment/assessment-methods/aca/

Environmental Protection Agency (2002) *Biodiversity Assessment and Mapping Methodology. Version 2.1, July 2002.* (Environmental Protection Agency, Brisbane).

Morton, S. R., Short, J. and Barker, R. D. with an Appendix by G.F. Griffin and G. Pearce (1995). *Refugia for Biological Diversity in Arid and Semi-arid Australia. Biodiversity Series* , Paper No. 4, Biodiversity Unit, Environment Australia.

Sattler, P.S. and Williams, R.D. (eds) (1999). *The Conservation Status of Queensland's Bioregional Ecosystems*. Environmental Protection Agency, Brisbane.

Appendices

Appendix 1 - Source Data

Theme	Datasets
Aquatic Conservation Assessments Non-riverine*	Combination of the following datasets: Cape York Peninsula Non-riverine v1.1 Eastern Gulf of Carpentaria v1.1 Great Barrier Reef Catchment Non-riverine v1.3 Lake Eyre and Bulloo Basins v1.1 QMDB Non-riverine ACA v1.4 Southeast Queensland ACA v1.1 WBB Non-riverine ACA v1.1
Aquatic Conservation Assessments Riverine*	Combination of the following datasets: Cape York Peninsula Riverine v1.1 Eastern Gulf of Carpentaria v1.1 Great Barrier Reef Catchment Riverine v1.1 Lake Eyre and Bulloo Basins v1.1 QMDB Riverine ACA v1.4 Southeast Queensland ACA v1.1 WBB Riverine ACA v1.1
Biodiversity Planning Assessments*	Combination of the following datasets: Brigalow Belt BPA v2.1 Cape York Peninsula BPA v1.1 Central Queensland Coast BPA v1.3 Channel Country BPA v1.1 Desert Uplands BPA v1.3 Einasleigh Uplands BPA v1.1 Gulf Plains BPA v1.1 Mitchell Grass Downs BPA v1.1 Mulga Lands BPA v1.4 New England Tableland v2.3 Southeast Queensland v4.1 Wet Tropics v1.1
Statewide BPA Corridors*	Statewide corridors v1.5
Threatened Species	An internal DES database compiled from Wildnet, Herbrecs, Corveg, the QLD Museum, as well as other incidental sources.
BPA Priority Species	An internal DES database compiled from Wildnet, Herbrecs, Corveg, the QLD Museum, as well as other incidental sources.
ACA Priority Species	An internal DES database compiled from Wildnet, Herbrecs, Corveg, the QLD Museum, as well as other incidental sources.

***These datasets are available at:**

http://dds.information.qld.gov.au/DDS

Appendix 2 - Acronyms and Abbreviations

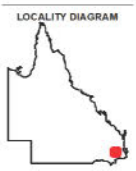
AOI	- Area of Interest
ACA	- Aquatic Conservation Assessment
AQUABAMM	- Aquatic Biodiversity Assessment and Mapping Methodology
BAMM	- Biodiversity Assessment and Mapping Methodology
BoT	- Back on Track
BPA	- Biodiversity Planning Assessment
CAMBA	- China-Australia Migratory Bird Agreement
DES	- Department of Environment and Science
EPBC	- *Environment Protection and Biodiversity Conservation Act 1999*
EVNT	- Endangered, Vulnerable, Near Threatened
GDA94	- Geocentric Datum of Australia 1994
GIS	- Geographic Information System
JAMBA	- Japan-Australia Migratory Bird Agreement
NCA	- *Nature Conservation Act 1992*
RE	- Regional Ecosystem
REDD	- Regional Ecosystem Description Database
ROKAMBA	- Republic of Korea-Australia Migratory Bird Agreement

Protected Plants Flora Survey Trigger Map

Legend

- polygon
- High risk area
- Cadastral line
  Property boundaries shown are provided as a locational aid only
- Freeways / motorways / highways
- Secondary roads / streets

LOCALITY DIAGRAM



N

0 2,400 4,800 7,200 9,600 12,000 m

This product is projected into:
GDA 1994 Queensland Albers

This map shows areas where particular provisions of the Nature Conservation Act 1992 apply to the clearing of protected plants.

This map is produced at a scale relevant to the size of the area selected and should be printed as A4 size in portrait orientation.

For further information or assistance with interpretation of this product, please contact the Department of Environment and Science at palm@ehp.qld.gov.au

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Queensland Government

Protected plants flora survey trigger map

The protected plants flora survey trigger map identifies 'high risk areas' where endangered, vulnerable or near threatened plants are known to exist or are likely to exist. Under the *Nature Conservation Act 1992* (the Act) it is an offence to clear protected plants that are 'in the wild' unless you are authorised or the clearing is exempt, for more information see section 89 of the Act.

Please see the Department of Environment and Science webpage on the clearing of protected plants for information on what exemptions may apply in your circumstances, whether you may need to undertake a flora survey, and whether you may need a protected plants clearing permit.

Updates to the data informing the flora survey trigger map

The flora survey trigger map will be reviewed, and updated if necessary, at least every 12 months to ensure the map reflects the most up-to-date and accurate data available.

Species information

Please note that flora survey trigger maps do not identify species associated with 'high risk areas'. While some species information may be publicly available, for example via the Queensland Spatial Catalogue, the Department of Environment and Science does not provide species information on request. Regardless of whether species information is available for a particular high risk area, clearing plants in a high risk area may require a flora survey and/or clearing permit. Please see the Department of Environment and Science webpage on the clearing of protected plants for more information.

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Flying fox camp locations in Queensland

Queensland Government

DISCLAIMER
This map has been prepared with all due diligence and care, based on the best available information at the time of publication. Neither the Department nor the Queensland Government holds any responsibility for any errors or omissions within this document. Any decisions made by other parties based on this document are solely the responsibility of those parties.

Legend

- Major urban centres
- Regional towns
- EHP monitored roosts
- Other camp locations
- Highways and main roads

0 25 50 100 150 200 250 km

Horizontal datum: GDA94
Projection: geographical coordinates
Produced by
Department of Environment and Heritage Protection
© The State of Queensland 2016

140°0'0"E 145°0'0"E 150°0'0"E
10°0'0"S 15°0'0"S 20°0'0"S 25°0'0"S 30°0'0"S

Thursday Island
Weipa (Andoom)
Weipa
Coen
Hope Vale
Cooktown
Annan River - Oaky Creek
Newell Beach / Mossman River Estuary
Mossman
Cairns
Kuranda
Blackfellow Creek
Fishery Falls
Almaden
Millaa Millaa
Innisfail
Whitehaven Road
Castaways
Dunk Island
Bilyana Road
Tardwell Oyster Point
Porters Creek
Dungeness
Ingham
South Townsville
Townsville
Nome
Mouth of Barramundi Creek
Armstrong Creek
Elliot River
Bowen
Daydream Island
Palm Creek
Repulse Creek
Kelsey Creek
Keswick Island
Mackay
Redcliffevale
North Eton
Sarina
Moranbah, Forrest Drive
Marion Creek
Moranbah
Dysart
Clermont
Middlemount
Clermont, Capella Street
Yeppoon, Ross Creek
Yaamba
Long Island
Emerald
Rockhampton
Jericho
Alpha
Barcaldine
Blackwater
Wowan
Raglan Creek
Gladstone
Springsure
Callide Creek Point
Biloela
Miriam Vale
Moore Park Beach
Moura
Theodore
Monto
Bundaberg
Eidsvold
Taroom
Murgon, Douglas Street
Gympie
Wandoan
Chinchilla, Dorney Street
Miles
Roma
Mitchell
Injune
Augathella
Charleville
Warrego
Quilpie
Surat
Waraba Creek (Coolburra Wall)
Burnett Mountains
Brisbane
Ipswich
Toowoomba
Logan
Gold Coast
Stanthorpe
St George
Cunnamulla
Thargomindah
Dirranbandi
Goondiwindi
Mungindi
Texas
Tambo
Blackall
Longreach
Aramac
Winton
Boulia
Windorah
Birdsville
Hughenden
Richmond
Julia Creek
Cloncurry
Mount Isa
Charters Towers
Camooweal
Gunpowder
Croydon
Georgetown
Normanton
Karumba
Burketown
Boodjamulla N.P.

Flying fox camp locations
SOUTH EAST REGION

Queensland Government

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Legend

- flying fox camps (current on 10 Feb 2016)
- Major urban centres
- Regional centres
- Roads
- Principal rivers
- Local government boundaries
- Urban areas
- Water bodies

Protected Areas of Queensland

- National Park
- National Park (CYPAL)
- Regional Park
- Forest Reserve
- State Forest
- Timber Reserve

0 2.5 5 10 15 20 25 km

Horizontal datum: GDA94
Projection: geographical coordinates
Produced by
Department of Environment and Heritage Protection
© The State of Queensland 2016

152°0'0"E 152°30'0"E 153°0'0"E 153°30'0"E

26°30'0"S 27°0'0"S 27°30'0"S 28°0'0"S 28°30'0"S

CHERBOURG SHIRE COUNCIL
GYMPIE REGIONAL COUNCIL
SUNSHINE COAST REGIONAL COUNCIL
SOUTH BURNETT REGIONAL COUNCIL
SOMERSET REGIONAL COUNCIL
MORETON BAY REGIONAL COUNCIL
TOOWOOMBA REGIONAL COUNCIL
BRISBANE CITY COUNCIL
REDLAND CITY COUNCIL
IPSWICH CITY COUNCIL
LOGAN CITY COUNCIL
LOCKYER VALLEY REGIONAL COUNCIL
SCENIC RIM REGIONAL COUNCIL
GOLD COAST CITY COUNCIL
SOUTHERN DOWNS REGIONAL COUNCIL

Goomeri
Gympie
Cooroy
Tewantin
Nambour
Buderim
Maroochydore
Caloundra
Nanango
Yarraman
Blackbutt
Kilcoy
Caboolture
Redcliffe
Esk
Crows Nest
Gatton
Laidley
Rosewood
Ipswich
Brisbane
Logan
Beenleigh
Beaudesert
Boonah
Southport
Surfers Paradise
Gold Coast
Coolangatta
Tweed Heads
Warwick

WetlandMaps Report

For selected area of interest

Current as at 25/03/2020

Environmental Reports - General Information

The matters of interest reported on in this document are based upon available state mapped datasets. Where the report indicates that a matter of interest is ot present within the Area of Interest(AOI) (e.g. where area related calculations are equal to zero, or no values are listed), this may be due either to the fact that state mapping has not been undertaken for the AOI, that state mapping is incomplete for the AOI, or that no matters of interest have been identified within the site.

The information presented in this report should be considered as a guide only and field survey may be required to validate values on the ground.

Important Note to User

Information presented in this report is based upon the mapping of water bodies and wetland regional ecosystems across Queensland. The Queensland wetland mapping was produced using existing information including water body mapping derived from Landsat satellite imagery, regional ecosystem mapping, topographic data, and a springs database. The result is a consistent wetland map for the whole of Queensland.

Ancillary data, such as higher resolution imagery (for example SPOT and aerial photographs), other vegetation and wetland mapping, geology, soil and land system mapping was also used in attributing and assessing the derived Queensland Wetlands Program wetland mapping products.

The wetland mapping was done in accordance with a detailed peer reviewed methodology which included quality assurance measures for all steps in the process. For more detailed information on how the Queensland Wetlands Program wetland mapping was produced, please see the Wetland Mapping and Classification Methodology.

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To the maximum extent permitted by applicable law, in no event shall the department be liable for any special, incidental, indirect, or consequential loss whatsoever (including, but not limited to, damages for loss of profits or confidential or other information, for business interruption, for personal injury, for loss of privacy, for failure to meet any duty including of good faith or of reasonable care, for negligence, for any other pecuniary or other loss whatsoever including, without limitation, legal costs on a solicitor own client basis) arising out of, or in any way related to, the use of or inability to use the data.

Summary Information

The following table provides an overview of the area of interest.

Table 1. Area of interest details

Size (ha)	7,965.7
Local Government(s)	Lockyer Valley Regional, Toowoomba Regional
Bioregion(s)	Brigalow Belt, Southeast Queensland
Subregion(s)	Moreton Basin, Eastern Darling Downs
Catchment(s)	Balonne-Condamine, Brisbane
Drainage sub-basin	Condamine River, Lockyer Creek

NRM Regions

The following NRM region(s) are in the area of interest:

Southern Queensland Landscapes

Healthy Land and Water

Water Resource Plan Boundaries

The following Water Resource Plan(s) are in the area of interest:

Great Artesian Basin and Other Regional Aquifers

Condamine and Balonne

Moreton

Learn more about how Wetlands are mapped in Queensland:

Queensland Wetlands Mapping Definitions

Wetlands are areas of permanent or periodic/intermittent inundation, with water that is static or flowing fresh, brackish or salt, including areas of marine water the depth of which at low tide does not exceed 6 metres. To be a wetland the area must have one or more of the following attributes:

- at least periodically the land supports plants or animals that are adapted to and dependent on living in wet conditions for at least part of their life cycle, or
- the substratum is predominantly undrained soils that are saturated, flooded or ponded long enough to develop anaerobic conditions in the upper layers, or
- the substratum is not soil and is saturated with water, or covered by water at some time.

Examples under this definition **include**:

- those areas shown as a river, stream, creek, swamp, lake, marsh, waterhole, wetland, billabong, pool or spring on the latest Sunmap 1:25,000, 1:50,000, 1:100,000 or 1:250,000 topographic map
- areas defined as wetlands on local or regional maps prepared with the aim of mapping wetlands
- wetland regional ecosystems (REs) as defined by the Queensland Herbarium (Environmental Protection Agency 2005a)
- areas containing recognised hydrophytes as provided by the Queensland Herbarium
- saturated parts of the riparian zone
- artificial wetlands such as farm dams
- water bodies not connected to rivers or flowing water such as billabongs and rock pools.

Examples under this definition **exclude**:

- areas that may be covered by water but are not wetlands according to the definition

- floodplains that are intermittently covered by flowing water but do not meet the hydrophytes and soil criteria
- riparian zone above the saturation level.

Wetland Systems

Riverine wetlands are all wetlands and deepwater habitats within a channel. The channels are naturally or artificially created, periodically or continuously contain moving water, or connecting two bodies of standing water.

Palustrine wetlands are primarily vegetated non-channel environments of less than 8 hectares. They include billabongs, swamps, bogs, springs, soaks etc, and have more than 30% emergent vegetation.

Lacustrine wetlands are large, open, water-dominated systems (for example, lakes) larger than 8ha. This definition also applies to modified systems (for example, dams), which are similar to lacustrine systems (for example, deep, standing or slow-moving waters).

Marine wetlands include the area of ocean from the coastline or estuary, extending to the jurisdictional limits of Queensland waters (3 nautical mile limit). This definition differs from that in Ramsar, as it includes waters deeper than 6m below the lowest astronomical tide.

Estuarine wetlands are those with oceanic water sometimes diluted with freshwater run-off from the land.

Subterranean wetlands are wetlands occurring below the surface of the ground and that are fed by groundwater i.e. caves and aquifers. These wetlands provide water to groundwater dependent ecosystems.

Methodology and Wetland Classification: https://wetlandinfo.des.qld.gov.au/wetlands/facts-maps/wetland-background/

Links and support

Other sites that deliver wetland related information include:

Wetland*Summary* tool: https://wetlandinfo.des.qld.gov.au/wetlands/facts-maps/

Queensland Spatial Catalogue: http://qldspatial.information.qld.gov.au/catalogue/custom/index.page

Queensland Globe: https://qldglobe.information.qld.gov.au/

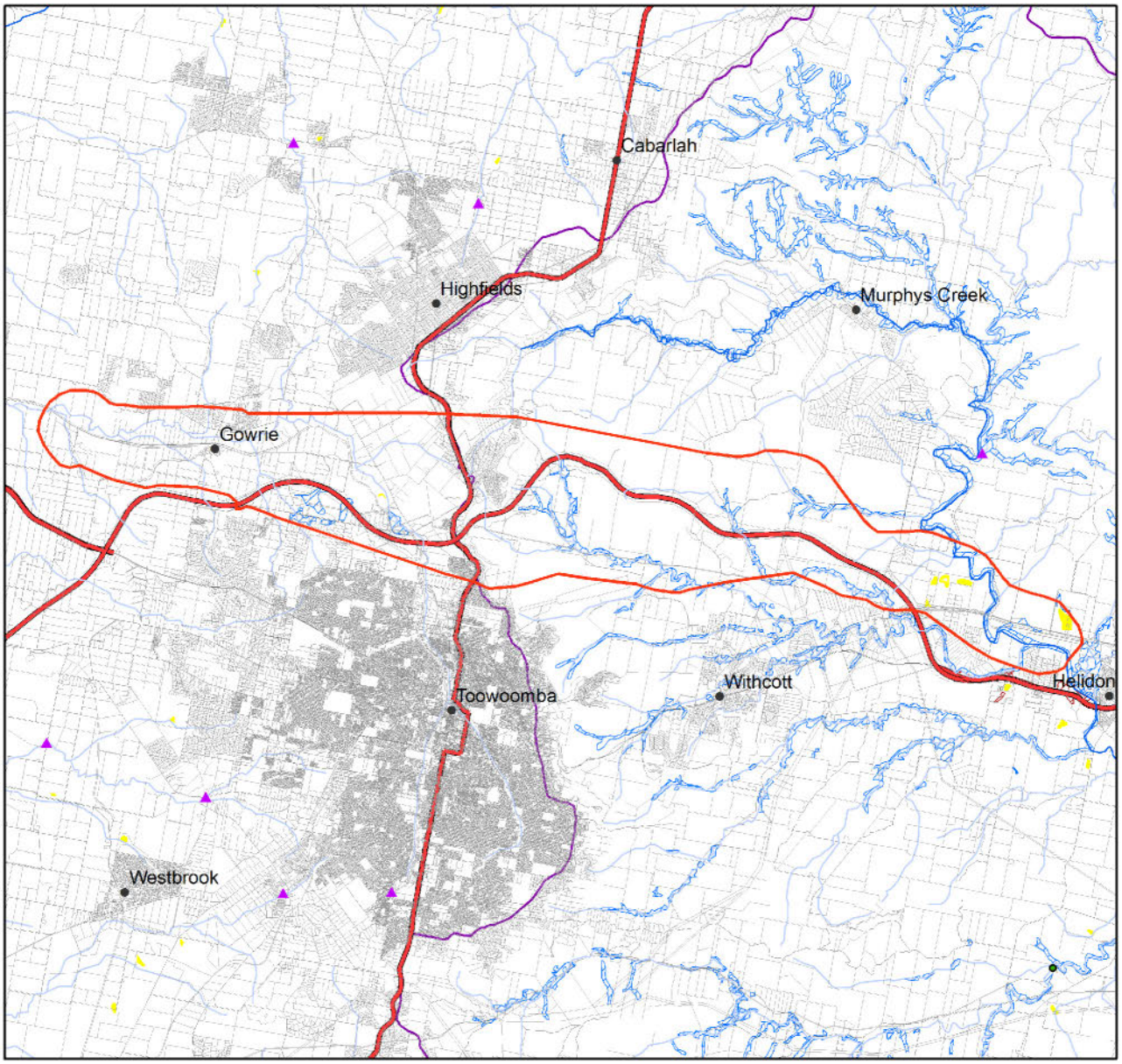
Environmental reports online: https://environment.ehp.qld.gov.au/report-request/environment/

Wetland on-line education modules: https://wetlandinfo.des.qld.gov.au/wetlands/resources/training/

Regional Ecosystem Mapping information: : https://www.qld.gov.au/environment/plants-animals/plants/herbarium/mapping-ecosystems

Aquatic Conservation Assessments: : https://wetlandinfo.des.qld.gov.au/wetlands/assessment/assessment-methods/aca/

Groundwater Dependant Ecosystems information: https://wetlandinfo.des.qld.gov.au/wetlands/ecology/aquatic-ecosystems-natural/groundwater-dependent/



Legend

- polygon
- Springs
- Dams and weirs
- Towns
- Highways
- Roads
- Cadastral boundaries
- Sub-basin

Wetland Mapping

Wetland System - Water Bodies

- Marine Waterbodies
- Estuarine Waterbodies
- Riverine Waterbodies
- Lacustrine Waterbodies
- Palustrine Waterbodies

Wetland System - Regional Ecosystems

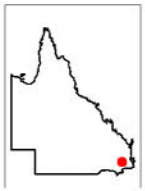
- Marine RE
- Estuarine RE
- Riverine RE
- Lacustrine RE
- Palustrine RE
- RE 51_80% wetland (mosaic units)

Riverine System Drainage Lines

- Major
- Minor

Queensland Wetland Map

Queensland Wetlands Program



N

0 1500 3000 4500 6000 7500 m

Horizontal Datum: Geographic Datum of Australia 1994 (GDA94)

This map was produced by the Queensland Wetlands Program, Department of Environment and Science, March 2020.

For further information contact: wetlands@des.qld.gov.au

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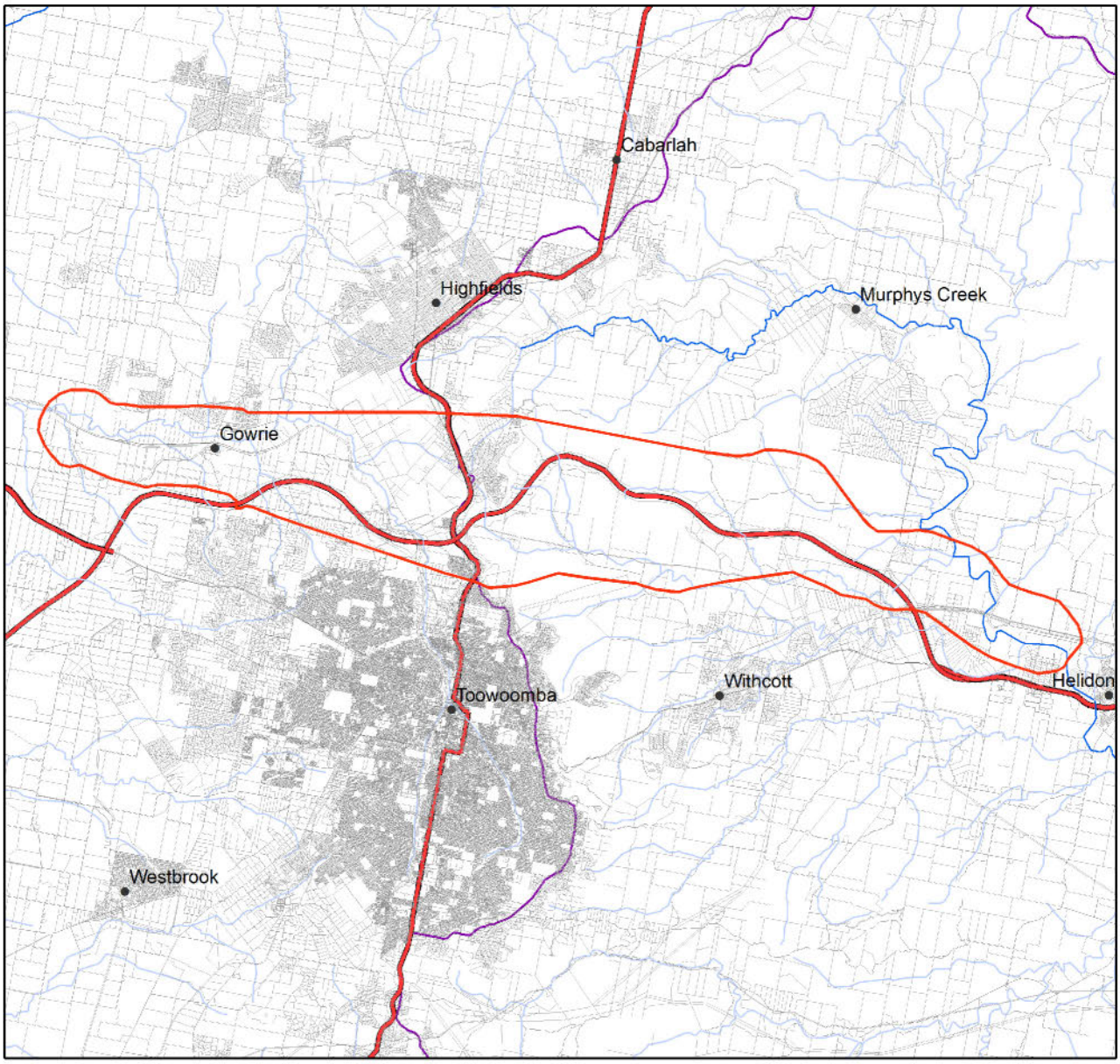


Queensland Wetlands of Importance Map

Legend

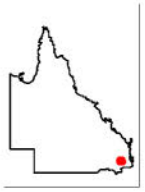
- polygon
- Towns
- Cadastral boundaries
- Highways
- Roads
- Sub-basin
- Directory of Important Wetlands
- Ramsar Wetlands

Riverine System Drainage Lines

- Major
- Minor

Queensland Government
Australian Government

Queensland Wetlands Program



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Horizontal Datum: Geographic Datum of Australia 1994 (GDA94)

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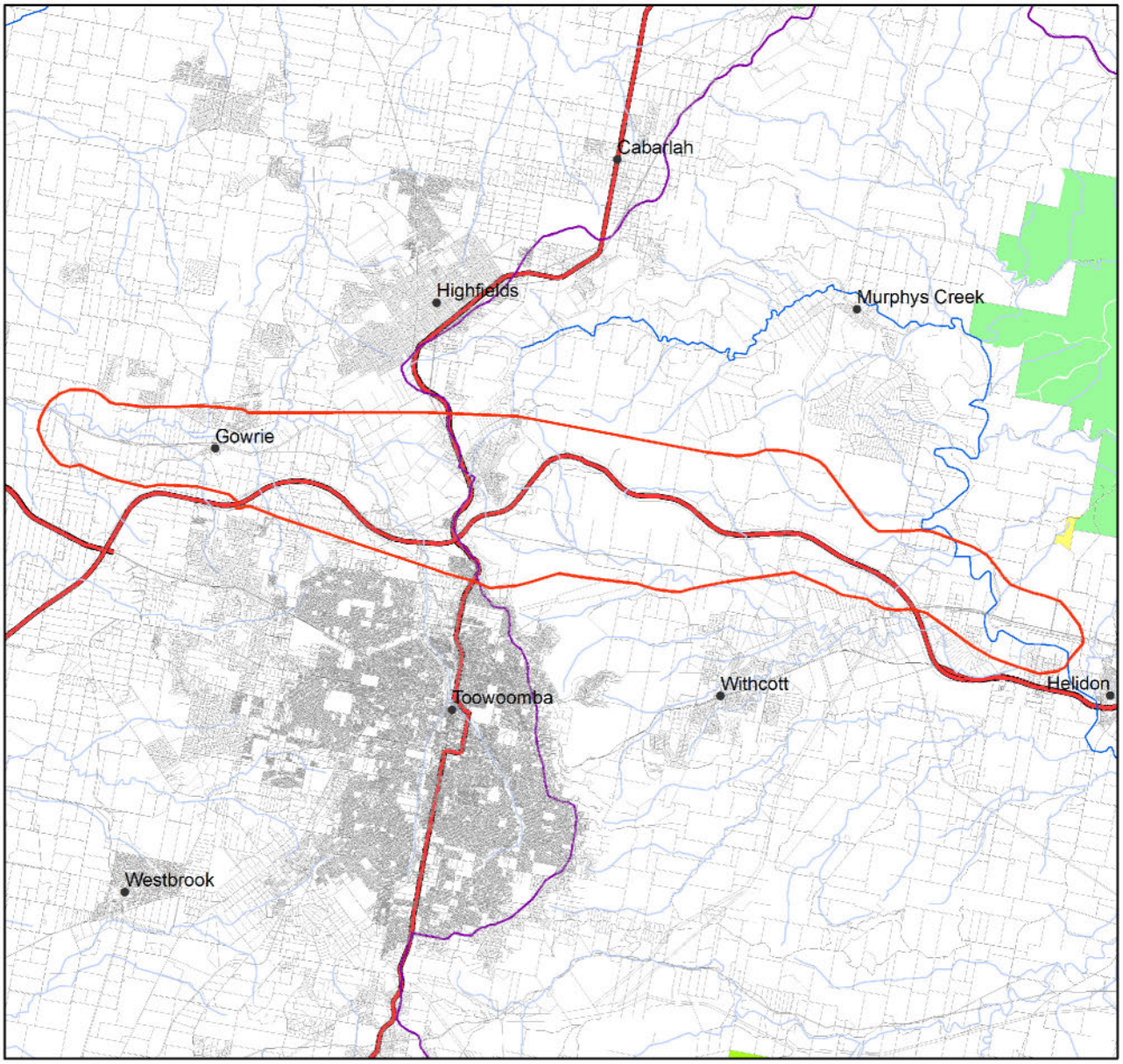


Queensland Protected Area Map

Legend

- polygon
- Towns
- Cadastral boundaries
- Highways
- Roads
- Sub-basin

Riverine System Drainage Lines

- Major
- Minor

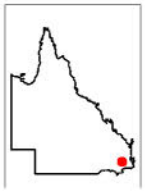
Protected Areas

- National Park
- National Park (Scientific)
- National Park (CYPAL)
- Conservation Park
- Resources Reserve
- Forest Reserve
- State Forest
- Timber Reserve

Marine Parks

- General Use Zone
- Habitat Protection Zone
- Estuarine Conservation Zone
- Conservation Park Zone
- Buffer Zone
- Scientific Research Zone
- Marine National Park Zone
- Preservation Zone

Queensland Wetlands Program



N

0 1500 3000 4500 6000 7500 m

Horizontal Datum: Geographic Datum of Australia 1994 (GDA94)

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Wetland habitat types in the AOI. Total area: 339.4ha

Wetland Class	Habitat type	Area (ha)
Riverine	Riverine	310.0
Lacustrine	Artificial/ highly modified wetlands (dams, ring tanks, irrigation channel	29.4

Queensland wetland habitat typology: Major wetland habitat types for wetland conceptual models and wetland management profiles

Wetland name	Conceptual model	Wetland profile
Mangrove Wetlands	Not developed	Mangrove Wetlands
Saltmarsh Wetlands	Not developed	Saltmarsh Wetlands
Coastal and subcoastal saline swamps of all substrates, water regimes, topographic types and vegetation communities	Coastal and subcoastal saline swamps	Coastal grass-sedge wetlands
Coastal and subcoastal non-floodplain tree swamps (Melaleuca and Eucalypt) of all substrates and water regimes	Coastal and subcoastal non-floodplain tree swamps - melaleuca and eucalypt	Coastal and subcoastal tree swamps
Coastal and subcoastal non-floodplain wet heath swamps of all substrates and water regimes	Coastal and subcoastal non-floodplain wet heath swamps	Coastal and subcoastal wet heath swamps
Coastal and subcoastal non-floodplain grass, sedge and herb swamps of all substrates and water regimes	Coastal and subcoastal non-floodplain grass, sedge and herb swamps	Coastal grass-sedge wetlands
Coastal and subcoastal spring swamps of all substrates, water types, water regimes and vegetation communities	Coastal and subcoastal spring swamps	Great Artesian Basin spring wetlands
Coastal and subcoastal floodplain tree swamps - melaleuca and eucalypt of all substrates and water regimes	Coastal and subcoastal floodplain tree swamps - melaleuca and eucalypt	Coastal and subcoastal tree swamps
Coastal and subcoastal floodplain wet heath swamps of all substrates and water regimes	Coastal and subcoastal floodplain wet heath swamps	Coastal and subcoastal wet heath swamps
Coastal and subcoastal floodplain, grass, sedge herb swamps of all substrates and water regimes	Coastal and subcoastal floodplain grass, sedge, herb swamps	Coastal grass-sedge wetlands
Coastal and subcoastal tree swamps - palm of all substrates, topographic types and water regimes	Coastal and subcoastal floodplain tree swamps - palm	Coastal Palm Swamps
Coastal and subcoastal Floodplain Lakes of all substrates, water types and water regimes	Coastal and subcoastal Floodplain Lakes	Coastal and subcoastal floodplain lakes and non-floodplain soil lakes
Coastal and subcoastal non-floodplain rock lakes of all water types and water regimes	Coastal and subcoastal non-floodplain rock lakes	Coastal and subcoastal non-floodplain rock lakes
Coastal and subcoastal non-floodplain sand lakes (window) of all water types and water regimes	Coastal and subcoastal non-floodplain sand lakes - window	Coastal non-floodplain sand lakes
Coastal and subcoastal non-floodplain sand lakes (perched) of all water types and water regimes	Coastal and subcoastal non-floodplain sand lakes - perched	Coastal non-floodplain sand lakes
Coastal and subcoastal non-floodplain soil lakes of all water types and water regimes	Coastal and subcoastal non-floodplain soil lakes	Coastal and subcoastal floodplain lakes and non-floodplain soil lakes
Arid and semi-arid saline swamps of all substrates, water regimes, topographic types and vegetation communities	Arid and semi-arid saline swamps	Semi-arid swamps

Wetland name	Conceptual model	Wetland profile
Arid and semi-arid fresh tree swamps of all substrates, and water regimes and topographic types	Arid and semi-arid tree swamps	Arid swamps Semi-Arid swamps
Arid and semi-arid lignum swamps of all substrates, and water regimes and topographic types	Arid and semi-arid lignum swamps	Arid swamps Semi-Arid swamps
Arid and semi-arid grass, sedge, herb swamps of all substrates, water regimes and topographic types	Arid and semi-arid grass, sedge, herb swamps	Arid swamps Semi-Arid swamps
Arid and semi-arid fresh non-floodplain tree swamps of all substrates and water regimes	Arid and semi-arid non-floodplain tree swamps	Arid swamps Semi-Arid swamps
Arid and semi-arid fresh non-floodplain lignum swamps of all substrates and water regimes	Arid and semi-arid non-floodplain lignum swamps	Arid swamps Semi-Arid swamps
Arid and semi-arid fresh non-floodplain grass, sedge, herb swamps of all substrates and water regimes	Arid and semi-arid non-floodplain grass, sedge, herb swamps	Arid swamps Semi-Arid swamps
Arid and semi-arid, non-floodplain swamps - springs of all substrates, water regimes and vegetation communities	Arid and semi-arid spring swamps	Great Artesian Basin spring wetlands
Arid and semi-arid, saline lakes of all substrates, topographic types and water regimes	Arid and semi-arid saline lakes	Arid and semi-arid lakes
Arid and semi-arid, floodplain lakes of all, substrates and water regimes	Arid and semi-arid floodplain lakes	Arid and semi-arid lakes
Arid and semi-arid, non-floodplain Lakes of all substrates and water regimes	Arid and semi-arid non-floodplain lakes	Arid and semi-arid lakes
Arid/ semi-arid, non-floodplain (clay pans) lakes of all substrates and water regimes	Arid and semi-arid fresh non-floodplain lakes (clay pans)	Arid and semi-arid lakes
Arid and semi-arid, Permanent Lakes permanently inundated lakes of all substrates, water types, topographic types and vegetation communities	Arid and semi-arid permanent lakes	Arid and semi-arid lakes

Modelled potential habitat

For the selected area of interest 7965.7ha

Current as at 25/03/2020

Queensland Government

Introduction

Species lists in this report are derived from Maxent pre-clear potential habitat models and buffered point coverages produced by the Queensland Herbarium for NCA listed 'endangered' or 'vulnerable' species, EPBC listed 'critically endangered', 'endangered' or 'vulnerable' species and other priority species.

The models utilise records of fauna species occurrence compiled for the purpose of Biodiversity Assessment by the Queensland Department of Environment and Resource Management (EPA 2002) and specimen backed flora records compiled from the Queensland Herbarium's Herbrecs database. All records have a location precision of better than 2000 m, and all fauna records are less than 50 years old. Models were constrained within an occurrence mask for each species, defined by a buffer of 200 km around a convex hull that encompasses all records. All models were based on seven environmental layers, annual mean temperature, temperature seasonality (coefficient of variation), annual precipitation, mean moisture index of the lowest quarter moisture index, pre-clearing broad vegetation group (1:1M), land zone and taxonomic ruggedness. Climate layers were modelled using Anuclim software on an 83 m digital elevation model. A mask of Queensland's road network was used to down-weight species records collected along roads. Model performance was assessed by comparing the area under the ROC curve (AUC) with the 95th percentile AUC from 1000 null models for each species created by randomly selecting locations from within the minimum convex hull of species presence records. For species with very restricted ranges, model performance was further tested using randomly selected locations from within the species mask. Thresholds were applied (either equal training sensitivity and specificity logistic threshold or 10th percentile training presence logistic threshold, whichever was highest) in order to convert model output to a prediction of potential habitat. Any presence records excluded by the threshold applied were incorporated into the output with a 1km buffer. The output was clipped to the species mask and simplified using a majority filter algorithm to remove outlying orphan cells in the model output. The resulting shapefile defines the modelled pre-clear potential habitat for selected threatened and priority species.

If a species is not listed in the report, it does not indicate that its habitat is absent from the queried location and conversely, species listed may not currently inhabit the area.

Threatened fauna species

Threatened fauna species modelled to have pre-clear potential habitat within the area of interest , with an area of 7965.7ha hectares

Threatened Species animals

Class	Scientific name	Common name	NCA Status	EPBC Status	Area (ha)
birds	*Grantiella picta*	painted honeyeater	V	V	5596.0
birds	*Botaurus poiciloptilus*	Australasian bittern	C	E	1676.49
birds	*Rostratula australis*	Australian painted snipe	V	E	5263.61
birds	*Geophaps scripta scripta*	squatter pigeon (southern subspecies)	V	V	3809.27
birds	*Cyclopsitta diophthalma coxeni*	Coxen's fig-parrot	E	E	100.84
birds	*Calyptorhynchus lathami*	glossy black-cockatoo	V	None	2480.49
birds	*Lathamus discolor*	swift parrot	E	CE	7271.59
birds	*Ninox strenua*	powerful owl	V	None	3719.78
birds	*Erythrotriorchis radiatus*	red goshawk	E	V	5977.05
birds	*Anthochaera phrygia*	regent honeyeater	E	CE	44.39
birds	*Turnix melanogaster*	black-breasted button-quail	V	V	2445.19
birds	*Falco hypoleucos*	grey falcon	V	None	29.08
insects	*Jalmenus eubulus*	pale imperial hairstreak	V	None	174.97
mammals	*Dasyurus maculatus maculatus*	spotted-tailed quoll (southern subspecies)	V	E	902.44
mammals	*Chalinolobus dwyeri*	large-eared pied bat	V	V	2264.09
mammals	*Pseudomys novaehollandiae*	New Holland mouse	V	V	962.74
mammals	*Phascolarctos cinereus*	koala	V	V	4018.7
mammals	*Potorous tridactylus tridactylus*	long-nosed potoroo	V	V	47.4
mammals	*Petrogale penicillata*	brush-tailed rock-wallaby	V	V	1534.33
mammals	*Nyctophilus corbeni*	eastern long-eared bat	V	V	712.53
mammals	*Dasyurus hallucatus*	northern quoll	C	E	780.95
mammals	*Pteropus poliocephalus*	grey-headed flying-fox	C	V	314.5
reptiles	*Hemiaspis damelii*	grey snake	E	None	3843.68
reptiles	*Delma torquata*	collared delma	V	V	4993.05

Class	Scientific name	Common name	NCA Status	EPBC Status	Area (ha)
reptiles	*Tympanocryptis condaminensis*	Condamine earless dragon	E	E	342.79
reptiles	*Anomalopus mackayi*	long-legged worm-skink	E	V	18.54
reptiles	*Egernia rugosa*	yakka skink	V	V	3217.94

Threatened flora species

Threatened flora species modelled to have pre-clear potential habitat within the selected area

Threatened Species plants

Class	Scientific name	Common name	NCA Status	EPBC Status	Area (ha)
higher dicots	*Pomaderris cooringalensis*	None	E	None	399.65
higher dicots	*Micromyrtus carinata*	Gurulmundi heath-myrtle	E	None	956.12
higher dicots	*Phebalium distans*	None	E	CE	1.52
higher dicots	*Lepidium peregrinum*	None	C	E	1412.01
higher dicots	*Haloragis exalata subsp. velutina*	None	V	V	3066.59
higher dicots	*Eucalyptus virens*	shiny-leaved ironbark	V	V	176.05
higher dicots	*Eucalyptus taurina*	Helidon ironbark	V	None	637.02
higher dicots	*Solanum papaverifolium*	None	E	None	734.87
higher dicots	*Corynocarpus rupestris subsp. arborescens*	southern corynocarpus	V	None	22.79
higher dicots	*Eucalyptus dunnii*	Dunn's white gum	V	None	351.16
higher dicots	*Rutidosis lanata*	None	NT	None	0.45
higher dicots	*Polianthion minutiflorum*	None	V	V	45.44
higher dicots	*Picris evae*	None	V	V	703.64
higher dicots	*Cadellia pentastylis*	ooline	V	V	249.31
higher dicots	*Leionema obtusifolium*	None	V	V	831.79
higher dicots	*Cossinia australiana*	None	E	E	4.11
higher dicots	*Pomaderris clivicola*	None	E	V	186.38
higher dicots	*Melaleuca irbyana*	None	E	None	30.7
higher dicots	*Thesium australe*	toadflax	V	V	4548.22
higher dicots	*Leptospermum oreophilum*	None	V	None	345.3
higher dicots	*Rhaponticum australe*	None	V	V	3208.63
higher dicots	*Bertya opponens*	None	C	V	4962.33
higher dicots	*Grevillea quadricauda*	None	V	V	283.52
higher dicots	*Sophora fraseri*	brush sophora	V	V	769.23
higher dicots	*Picris barbarorum*	None	V	None	649.69
lower dicots	*Clematis fawcettii*	None	V	V	907.4
monocots	*Diuris parvipetala*	None	V	None	2779.78
monocots	*Caustis blakei subsp. macrantha*	None	V	None	2377.95
monocots	*Paspalidium grandispiculatum*	None	V	V	965.93
monocots	*Dichanthium setosum*	None	C	V	6648.54
monocots	*Cyperus clarus*	None	V	None	4163.24
monocots	*Bothriochloa bunyensis*	Bunya Mountains bluegrass	V	V	780.98
monocots	*Arthraxon hispidus*	None	V	V	6882.27
monocots	*Dichanthium queenslandicum*	None	V	E	939.65
monocots	*Sarcochilus weinthalii*	blotched sarcochilus	E	V	314.12

Links and support

Modelled potential habitat for selected threatened and priority species in Queensland - access the geodatabase of modelled potential habitat for Queensland's threatened species.

Disclaimer

Whilst every care is taken to ensure the accuracy of the information provided in this report, the Queensland Government, to the maximum extent permitted by law, makes no representations or warranties about its accuracy, reliability, completeness, or suitability, for any particular purpose and disclaims all responsibility and all liability (including without limitation, liability in negligence) for all expenses, losses, damages (including indirect or consequential damage) and costs which the user may incur as a consequence of the information being inaccurate or incomplete in any way and for any reason.

Queensland Government

Department of Environment and Science

Environmental Reports

Regional Ecosystems

Biodiversity Status

For the selected area of interest

Environmental Reports - General Information

The Environmental Reports portal provides for the assessment of selected matters of interest relevant to a user specified location, or area of interest (AOI). All area and derivative figures are relevant to the extent of matters of interest contained within the AOI unless otherwise stated. Please note, if a user selects an AOI via the "central coordinates" option, the resulting assessment area encompasses an area extending for a 2km radius from the input coordinates.

All area and area derived figures included in this report have been calculated via reprojecting relevant spatial features to Albers equal-area conic projection (central meridian = 146, datum Geocentric Datum of Australia 1994). As a result, area figures may differ slightly if calculated for the same features using a different co-ordinate system.

Figures in tables may be affected by rounding.

The matters of interest reported on in this document are based upon available state mapped datasets. Where the report indicates that a matter of interest is not present within the AOI (e.g. where area related calculations are equal to zero, or no values are listed), this may be due either to the fact that state mapping has not been undertaken for the AOI, that state mapping is incomplete for the AOI, or that no matters of interest have been identified within the site.

The information presented in this report should be considered as a guide only and field survey may be required to validate values on the ground.

Important Note to User

Information presented in this report is based upon the Queensland Herbarium's Regional Ecosystem framework. The Biodiversity Status has been used to depict the extent of "Endangered", "Of Concern" and "No Concern at Present" regional ecosystems in all cases, rather than the classes used for the purposes of the *Vegetation Management Act 1999* (VMA). Mapping and figures presented in this document reflect the Queensland Herbarium's Remnant and Pre-clearing Regional Ecosystem Datasets, and not the certified mapping used for the purpose of the VMA.

For matters relevant to vegetation management under the VMA, please refer to the Department of Natural Resources, Mines and Energy website

https://www.dnrme.qld.gov.au/

Please direct queries about these reports to: Queensland.Herbarium@dsiti.qld.gov.au

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Summary Information

The following table provides an overview of the AOI with respect to selected topographic and environmental themes. Refer to **Map 1** for locality information.

Table 1: Area of interest details:

Size (ha)	7,965.7
Local Government(s)	Lockyer Valley Regional, Toowoomba Regional
Bioregion(s)	Brigalow Belt, Southeast Queensland
Subregion(s)	Moreton Basin, Eastern Darling Downs
Catchment(s)	Balonne-Condamine, Brisbane

The table below summarizes the extent of remnant vegetation classed as "Endangered", "Of concern" and "No concern at present" regional ecosystems classified by Biodiversity Status within the area of interest (AOI).

Table 2: Summary table, biodiversity status of regional ecosystems within the AOI

Biodiversity Status	Area (Ha)	% of AOI
Endangered	167.26	2.1
Of concern	942.36	11.83
No concern at present	1,095.86	13.76
Total remnant vegetation	2,205.48	27.69

Refer to **Map 2** for further information.

Regional Ecosystems

1. Introduction

Regional ecosystems are vegetation communities in a bioregion that are consistently associated with particular combinations of geology, landform and soil (Sattler and Williams 1999). Descriptions of Queensland's Regional ecosystems are available online from the Regional Ecosystem Description Database (REDD). Descriptions are compiled from a broad range of information sources including vegetation, land system and geology survey and mapping and detailed vegetation site data. The regional ecosystem classification and descriptions are reviewed as new information becomes available. A number of vegetation communities may form a single regional ecosystem and are usually distinguished by differences in dominant species, frequently in the shrub or ground layers and are denoted by a letter following the regional ecosystem code (e.g. a, b, c). Vegetation communities and regional ecosystems are amalgamated into a higher level classification of broad vegetation groups (BVGs).

A published methodology for survey and mapping of regional ecosystems across Queensland (Neldner et al 2017) provides further details on regional ecosystem concepts and terminology.

This report provides information on the type, status, and extent of vegetation communities, regional ecosystems and broad vegetation groups present within a user specified area of interest. Please note, for the purpose of this report, the Biodiversity Status is used. This report has not been developed for application of the *Vegetation Management Act 1999* (VMA). Additionally, information generated in this report has been derived from the Queensland Herbarium's Regional Ecosystem Mapping, and not the regulated mapping certified for the purposes of the VMA. If your interest/matter relates to regional ecosystems and the VMA, users should refer to the Department of Natural Resources, Mines and Energy website.

https://www.dnrme.qld.gov.au/

With respect to the Queensland Biodiversity Status,

"Endangered" regional ecosystems are described as those where:

- remnant vegetation is less than 10 per cent of its pre-clearing extent across the bioregion; or 10-30% of its pre-clearing extent remains and the remnant vegetation is less than 10,000 hectares, or
- less than 10 per cent of its pre-clearing extent remains unaffected by severe degradation and/or biodiversity loss*, or
- 10-30 per cent of its pre-clearing extent remains unaffected by severe degradation and/or biodiversity loss and the remnant vegetation is less than 10,000 hectares; or
- it is a rare** regional ecosystem subject to a threatening process.***

"Of concern" regional ecosystems are described as those where:

- the degradation criteria listed above for 'Endangered' regional ecosystems are not met and,
- remnant vegetation is 10-30 per cent of its pre-clearing extent across the bioregion; or more than 20 per cent of its pre-clearing extent remains and the remnant extent is less than 10,000 hectares, or
- 10-30 percent of its pre-clearing extent remains unaffected by moderate degradation and/or biodiversity loss.****

and "No concern at present" regional ecosystems are described as those where:

- remnant vegetation is over 30 per cent of its pre-clearing extent across the bioregion, and the remnant area is greater than 10,000 hectares, and
- the degradation criteria listed above for 'Endangered' or 'Of concern' regional ecosystems are not met.

**Severe degradation and/or biodiversity loss is defined as: floristic and/or faunal diversity is greatly reduced but unlikely to recover within the next 50 years even with the removal of threatening processes; or soil surface is severely degraded, for example, by loss of A horizon, surface expression of salinity; surface compaction, loss of organic matter or sheet erosion.*

***Rare regional ecosystem: pre-clearing extent (1000 ha); or patch size (100 ha and of limited total extent across its range).*

****Threatening processes are those that are reducing or will reduce the biodiversity and ecological integrity of a regional ecosystem. For example, clearing, weed invasion, fragmentation, inappropriate fire regime or grazing pressure, or infrastructure development.*

*****Moderate degradation and/or biodiversity loss is defined as: floristic and/or faunal diversity is greatly reduced but unlikely to recover within the next 20 years even with the removal of threatening processes; or soil surface is moderately degraded.*

2. Remnant Regional Ecosystems

The following table identifies the remnant regional ecosystems and vegetation communities mapped within the AOI and provides their short descriptions, Biodiversity Status, and remnant extent within the selected AOI. Please note, where heterogeneous vegetated patches (mixed patches of remnant vegetation mapped as containing multiple regional ecosystems) occur within the AOI, they have been split and listed as individual regional ecosystems (or vegetation communities where present) for the purposes of the table below. In such instances, associated area figures have been generated based upon the estimated proportion of each regional ecosystem (or vegetation community) predicted to be present within the larger mixed patch.

Table 3: Remnant regional ecosystems, description and status within the AOI

Regional Ecosystem	Short Description	BD Status	Area (Ha)	% of AOI
11.3.21	Dichanthium sericeum and/or Astrebla spp. grassland on alluvial plains. Cracking clay soils	Endangered	4.51	0.06
11.3.25	Eucalyptus tereticornis or E. camaldulensis woodland fringing drainage lines	Of concern	36.1	0.45
11.8.2a	Eucalyptus tereticornis, E. melliodora woodland on Cainozoic igneous rocks	No concern at present	99.35	1.25
11.8.4	Eucalyptus melanophloia open woodland on Cainozoic igneous rocks.	No concern at present	40.74	0.51
11.8.5	Eucalyptus orgadophila open woodland on Cainozoic igneous rocks	No concern at present	169.82	2.13
11.8.8	Eucalyptus albens, E. crebra woodland on Cainozoic igneous rocks	No concern at present	5.03	0.06
12.3.3	Eucalyptus tereticornis woodland on Quaternary alluvium	Endangered	10.45	0.13
12.3.3d	Eucalyptus tereticornis woodland on Quaternary alluvium	Endangered	0.03	less than 0.01
12.3.7	Eucalyptus tereticornis, Casuarina cunninghamiana subsp. cunninghamiana +/- Melaleuca spp. fringing woodland	Of concern	165.41	2.08
12.8.14	Eucalyptus eugenioides, E. biturbinata, E. melliodora +/- E. tereticornis, Corymbia intermedia open forest on Cainozoic igneous rocks	No concern at present	60.24	0.76
12.8.14a	Eucalyptus eugenioides, E. biturbinata, E. melliodora +/- E. tereticornis, Corymbia intermedia open forest on Cainozoic igneous rocks	No concern at present	25.3	0.32
12.8.17	Eucalyptus melanophloia +/- E. crebra, E. tereticornis, Corymbia tessellaris woodland on Cainozoic igneous rocks	No concern at present	112.07	1.41
12.8.21	Semi-evergreen vine thicket with Brachychiton rupestris on Cainozoic igneous rocks. Usually southern half of bioregion	Endangered	98.87	1.24
12.8.24	Corymbia citriodora subsp. variegata open forest on Cainozoic igneous rocks especially trachyte	Endangered	4.82	0.06
12.8.9	Lophostemon confertus open forest on Cainozoic igneous rocks	No concern at present	84.34	1.06
12.9-10.15	Semi-evergreen vine thicket with Brachychiton rupestris on sedimentary rocks	Endangered	48.59	0.61

Regional Ecosystem	Short Description	BD Status	Area (Ha)	% of AOI
12.9-10.17a	Eucalyptus acmenoides, E. major, E. siderophloia +/- Corymbia citriodora subsp. variegata open fores on sedimentary rocks	No concern at present	28.61	0.36
12.9-10.2	Corymbia citriodora subsp. variegata +/- Eucalyptus crebra open forest on sedimentary rocks	No concern at present	433.01	5.44
12.9-10.3	Eucalyptus moluccana open forest on sedimentary rocks	Of concern	100.77	1.27
12.9-10.5a	Woodland complex often with Corymbia trachyphloia subsp. trachyphloia, C. citriodora subsp. variegata, Eucalyptus crebra, E. fibrosa subsp. fibrosa on quartzose sandstone	No concern at present	37.33	0.47
12.9-10.7	Eucalyptus crebra +/- E. tereticornis, Corymbia tessellaris, Angophora spp., E. melanophloia woodland on sedimentary rocks	Of concern	640.07	8.04
non-rem	None	None	5,760.32	72.31

Refer to **Map 2** for further information. **Map 3** also provides a visual estimate of the distribution of regional ecosystems present before clearing.

Table 4 provides further information in regards to the remnant regional ecosystems present within the AOI. Specifically, the extent of remnant vegetation remaining within the bioregion, the 1:1,000,000 broad vegetation group (BVG) classification, whether the regional ecosystem is identified as a wetland, and extent of representation in Queensland's Protected Area Estate. For a description of the vegetation communities within the AOI and classified according to the 1:1,000,000 BVG, refer to **Table 6**.

Table 4: Remnant regional ecosystems within the AOI, additional information

Regional Ecosystem	Remnant Extent	BVG (1 Million)	Wetland	Representation in protected estate
11.3.21	Pre-clearing 448000 ha; Remnant 2017 52000 ha	30a	Floodplain (other than floodplain wetlands).	Low
11.3.25	Pre-clearing 795000 ha; Remnant 2017 512000 ha	16a	Riverine wetland or fringing riverine wetland.	Low
11.8.2a	Pre-clearing 53000 ha; Remnant 2017 36000 ha	11a	None	High
11.8.4	Pre-clearing 217000 ha; Remnant 2017 151000 ha	11a	None	High
11.8.5	Pre-clearing 631000 ha; Remnant 2017 347000 ha	11a	None	Low
11.8.8	Pre-clearing 80000 ha; Remnant 2017 36000 ha	11a	None	Low
12.3.3	Pre-clearing 438000 ha; Remnant 2017 40000 ha	16c	Floodplain (other than floodplain wetlands).	Low
12.3.3d	Pre-clearing 438000 ha; Remnant 2017 40000 ha	13d	Floodplain (other than floodplain wetlands).	Low
12.3.7	Pre-clearing 118000 ha; Remnant 2017 60000 ha	16a	Riverine wetland or fringing riverine wetland.	Low
12.8.14	Pre-clearing 77000 ha; Remnant 2017 45000 ha	11a	None	High
12.8.14a	Pre-clearing 77000 ha; Remnant 2017 45000 ha	13d	None	High

Regional Ecosystem	Remnant Extent	BVG (1 Million)	Wetland	Representation in protected estate
12.8.17	Pre-clearing 77000 ha; Remnant 2017 28000 ha	11a	None	Medium
12.8.21	Pre-clearing 23000 ha; Remnant 2017 3000 ha	7a	Contains riverine wetland.	Medium
12.8.24	Pre-clearing 13000 ha; Remnant 2017 4000 ha	10b	None	Medium
12.8.9	Pre-clearing 13000 ha; Remnant 2017 11000 ha	8a	None	High
12.9-10.15	Pre-clearing 38000 ha; Remnant 2017 5000 ha	7a	None	Low
12.9-10.17a	Pre-clearing 65000 ha; Remnant 2017 31000 ha	28e	None	Medium
12.9-10.2	Pre-clearing 222000 ha; Remnant 2017 87000 ha	10b	None	Low
12.9-10.3	Pre-clearing 95000 ha; Remnant 2017 27000 ha	13d	None	Low
12.9-10.5a	Pre-clearing 28000 ha; Remnant 2017 20000 ha	9h	None	High
12.9-10.7	Pre-clearing 248000 ha; Remnant 2017 41000 ha	13c	None	Low
non-rem	None	None	None	None

Representation in Protected Area Estate: High greater than 10% of pre-clearing extent is represented; Medium 4 - 10% is represented; Low less than 4% is represented, No representation.

The distribution of mapped wetland systems within the area of interest is displayed in **Map 6**.

The following table lists known special values associated with a regional ecosystem type.

Table 5: Remnant regional ecosystems within the AOI, special values

Regional Ecosystem	Special Values
11.3.21	Habitat for threatened flora species including Thesium australe, Picris evae, Dichanthium queenslandicum and the near threatened flora species Digitaria porrecta and fauna species including grassland earless dragon Tympanocryptis pinguicolla, five-clawed worm skink Anomalopus mackayi and grey snake Hemiaspis damelii.
11.3.25	Shown to be associated with a high fauna species richness in the Taroom area (Venz et al. 2002). Within parts of the Fitzroy catchment, this RE is known habitat for the threatened freshwater turtle Rheodytes leukops. Known to be important habitat for other riparian freshwater turtle species.
11.8.2a	Potential habitat for NCA listed species: Discaria pubescens, Homopholis belsonii, Picris evae, Prasophyllum incompositum, Thesium australe
11.8.4	Potential habitat for NCA listed species: Acacia arbiana, Acacia islana, Bertya pedicellata, Grevillea hockingsii, Haloragis exalata subsp. velutina, Marsdenia brevifolia, Sannantha brachypoda
11.8.5	In southern part of bioregion, habitat for a number of threatened plant species including Picris evae and Thesium australe and near threatened species Digitaria porrecta and Discaria pubescens.

Regional Ecosystem	Special Values
11.8.8	Potential habitat for NCA listed species: Diuris parvipetala, Picris barbarorum, Picris evae, Pomaderris crassifolia, Thesium australe
12.3.3	Habitat for threatened plant species including Rhaponticum australe. 12.3.3a: Habitat for threatened plant species including occasional Rhaponticum australe. 12.3.3b: Habitat for threatened flora species including Melaleuca irbyana. 12.3.3c: Habitat for threatened flora species including Melaleuca irbyana and Marsdenia coronata. 12.3.3d: Habitat for threatened plant species including Rhaponticum australe.
12.3.3d	Habitat for threatened plant species including Rhaponticum australe. 12.3.3a: Habitat for threatened plant species including occasional Rhaponticum australe. 12.3.3b: Habitat for threatened flora species including Melaleuca irbyana. 12.3.3c: Habitat for threatened flora species including Melaleuca irbyana and Marsdenia coronata. 12.3.3d: Habitat for threatened plant species including Rhaponticum australe.
12.3.7	Habitat for an extensive range of aquatic flora and fauna.
12.8.14	Habitat for threatened plant species including Sophora fraseri, Marsdenia longiloba 12.8.14a: Habitat for threatened plant species including Sophora fraseri, Marsdenia longiloba 12.8.14b: Habitat for threatened plant species including Sophora fraseri, Marsdenia longiloba 12.8.14x1: Habitat for threatened flora species including Sophora fraseri.
12.8.14a	Habitat for threatened plant species including Sophora fraseri, Marsdenia longiloba 12.8.14a: Habitat for threatened plant species including Sophora fraseri, Marsdenia longiloba 12.8.14b: Habitat for threatened plant species including Sophora fraseri, Marsdenia longiloba 12.8.14x1: Habitat for threatened flora species including Sophora fraseri.
12.8.17	Habitat for threatened plant species including Rhaponticum australe.
12.8.21	Habitat for near threatened plant species including Callitris baileyi and Cryptocarya floydii.
12.8.24	Potential habitat for NCA listed species: Notelaea lloydii
12.8.9	Potential habitat for NCA listed species: Eucalyptus dunnii, Mallotus megadontus
12.9-10.15	Habitat for vulnerable plant species Cupaniopsis tomentella and Phebalium distans, and near threatened plant species including Callitris baileyi.
12.9-10.17a	Potential habitat for NCA listed species: Acacia acrionastes, Arundinella grevillensis, Cupaniopsis tomentella, Gonocarpus hirtus, Grevillea linsmithii, Leionema obtusifolium, Macrozamia pauli-guilielmi, Marsdenia coronata, Marsdenia longiloba, Notelaea l
12.9-10.2	Habitat for threatened plant species including Notelaea lloydii, Grevillea quadricauda, Westringia sericea, Plectranthus habrophyllus
12.9-10.3	Potential habitat for NCA listed species: Callitris baileyi, Haloragis exalata subsp. velutina, Picris conyzoides, Sophora fraseri

Regional Ecosystem	Special Values
12.9-10.5a	Habitat for threatened plant species including Leucopogon recurvisepalus, Paspalidium grandispiculatum, Leionema obtusifolium and near threatened species including Eucalyptus curtisii. 12.9-10.5a: Habitat for threatened plant species including Eucalyptus taurina, Caustis blakei subsp. macrantha, Paspalidium grandispiculatum, Leionema obtusifolium and Grevillea quadricauda. 12.9-10.5b: Habitat for threatened flora species including Paspalidium grandispiculatum. 12.9-10.5d: Habitat for threatened plant species including Sophora fraseri.
12.9-10.7	Potential habitat for NCA listed species: Callitris baileyi, Graptophyllum reticulatum, Melaleuca formosa, Melaleuca irbyana, Paspalidium grandispiculatum, Plectranthus habrophyllus, Polianthion minutiflorum, Zieria inexpectata
non-rem	None

3. Remnant Regional Ecosystems by Broad Vegetation Group

BVGs are a higher-level grouping of vegetation communities. Queensland encompasses a wide variety of landscapes across temperate, wet and dry tropics and semi-arid climatic zones. BVGs provide an overview of vegetation communities across the state or a bioregion and allow comparison with other states. There are three levels of BVGs which reflect the approximate scale at which they are designed to be used: the 1:5,000,000 (national), 1:2,000,000 (state) and 1:1,000,000 (regional) scales.

A comprehensive description of BVGs is available at:

https://publications.qld.gov.au/dataset/redd/resource/

The following table provides a description of the 1:1,000,000 BVGs present and their associated extent within the AOI.

Table 6: Broad vegetation groups (1 million) within the AOI

BVG (1 Million)	Description	Area (Ha)	% of AOI
None	None	5,760.32	72.31
10b	Moist open forests to woodlands dominated by Corymbia citriodora (spotted gum). (land zones 12, 11, 9, 5, 8) (SEQ, CQC, EIU, WET)	437.84	5.5
11a	Moist to dry open forests to woodlands dominated by Eucalyptus orgadophila (mountain coolibah). Some areas dominated by E. tereticornis (blue gum), E. melliodora (yellow box), E. albens (white box), E. crebra (narrow-leaved red ironbark) or E. melanophloia (silver-leaved ironbark). (land zones 8, 11, 4, [3]) (BRB, SEQ, EIU)	487.26	6.12
13c	Woodlands of Eucalyptus crebra (sens. lat.) (narrow-leaved red ironbark), E. drepanophylla (grey ironbark), E. fibrosa (dusky-leaved ironbark), E. shirleyi (shirley's silver-leaved ironbark) on granitic and metamorphic ranges (land zones 12, 11, 9, [5]) (BRB, EIU, SEQ, NET, CQC)	640.07	8.04
13d	Woodlands dominated by Eucalyptus moluccana (gum-topped box) (or E. microcarpa (inland grey box)) on a range of substrates. (land zone 5, 9, 3, 11, 12) (BRB, SEQ, EIU, CQC, [NET, WET])	126.1	1.58

BVG (1 Million)	Description	Area (Ha)	% of AOI
16a	Open forest and woodlands dominated by Eucalyptus camaldulensis (river red gum) (or E. tereticornis (blue gum)) and/or E. coolabah (coolabah) (or E. microtheca (coolabah)) fringing drainage lines. Associated species may include Melaleuca spp., Corymbia tessellaris (carbeen), Angophora spp., Casuarina cunninghamiana (riveroak). Does not include alluvial areas dominated by herb and grasslands or alluvial plains that are not flooded. (land zone 3) (MGD, BRB, GUP, CHC, MUL, DEU, EIU, NWH, SEQ, [NET, WET]) (All bioregions except CYP and CQC)	201.51	2.53
16c	Woodlands and open woodlands dominated by Eucalyptus coolabah (coolabah) or E. microtheca (coolabah) or E. largiflorens (black box) or E. tereticornis (blue gum) or E. chlorophylla on floodplains. Does not include alluvial areas dominated by herb and grasslands or alluvial plains that are not flooded. (land zone 3) (All bioregions except WET, principally GUP, BRB, MUL).	10.45	0.13
28e	Low open forest to woodlands dominated by Lophostemon suaveolens (swamp box) (or L. confertus (brush box)) or Syncarpia glomulifera (turpentine) frequently with Allocasuarina spp. on rocky hill slopes. (land zones 12, 9, 3, 11, [10, 8]) (CQC, WET, SEQ, BRB, [CYP])	28.61	0.36
30a	Tussock grasslands dominated by Astrebla spp. (mitchell grass) or Dichanthium spp. (bluegrass) often with Eulalia aurea (silky browntop) on alluvia. (land zones 3, 4) (MGD, GUP, BRB, MUL, [DEU])	4.51	0.06
7a	Semi-evergreen vine thickets on wide range of substrates. (land zones 8, 9, 11, 12, 5, 4, 3, 10, [7]) (BRB, EIU, SEQ, CQC, [WET, GUP]) (Tracey 1982 11)	147.46	1.85
8a	Wet tall open forest dominated by species such as Eucalyptus grandis (flooded gum) or E. saligna, E. resinifera (red mahogany), Lophostemon confertus (brush box), Syncarpia glomulifera (turpentine), E. laevopinea (silvertop stringybark). Contains a well developed understorey of rainforest components, including ferns and palms, or the understorey may be dominated by sclerophyll shrubs. (land zones 12, 8, 10, 11, 3, 5, 9) (SEQ, WET, BRB, CQC, [NET])	84.34	1.06
9h	Dry woodlands dominated by species such as Eucalyptus acmenoides (narrow-leaved white stringybark) (or E. portuensis), E. tereticornis (blue gum), Angophora leiocarpa (rusty gum), Corymbia trachyphloia (yellow bloodwood) or C. intermedia (pink bloodwood), and often ironbarks including E. crebra (narrow-leaved red ironbark) or E. fibrosa (dusky-leaved ironbark). A heathy shrub layer is frequently present. On undulating to hilly terrain. (land zones 12, 11, [5]) (SEQ, BRB)	37.33	0.47

Refer to **Map 4** for further information. **Map 5** also provides a representation of the distribution of vegetation communities as per the 1:5,000,000 BVG believed to be present prior to European settlement.

4. Technical and BioCondition Benchmark Descriptions

Technical descriptions provide a detailed description of the full range in structure and floristic composition of regional ecosystems (e.g. 11.3.1) and their component vegetation communities (e.g. 11.3.1a, 11.3.1b). See:

http://www.qld.gov.au/environment/plants-animals/plants/ecosystems/technical-descriptions/

The descriptions are compiled using site survey data from the Queensland Herbarium's CORVEG database. Distribution maps, representative images (if available) and the pre-clearing and remnant extent (hectares) of each vegetation community

derived from the regional ecosystem mapping data are included. The technical descriptions should be used in conjunction with the fields from the regional ecosystem description database (REDD) for a full description of the regional ecosystem.

Technical descriptions include data on canopy height, canopy cover and native plant species composition of the predominant layer, which are attributes relevant to assessment of the remnant status of vegetation under the *Vegetation Management Act 1999*. However, as technical descriptions reflect the full range in structure and floristic composition across the climatic, natural disturbance and geographic range of the regional ecosystem, local reference sites should be used for remnant assessment where possible (Neldner et al. 2012 (PDF)* section 3.3.1 of:

https://publications.qld.gov.au/dataset/redd/resource/

The technical descriptions are subject to review and are updated as additional data becomes available.

When conducting a BioCondition assessment, these technical descriptions should be used in conjunction with BioCondition benchmarks for the specific regional ecosystem, or component vegetation community.

http://www.qld.gov.au/environment/plants-animals/biodiversity/benchmarks/

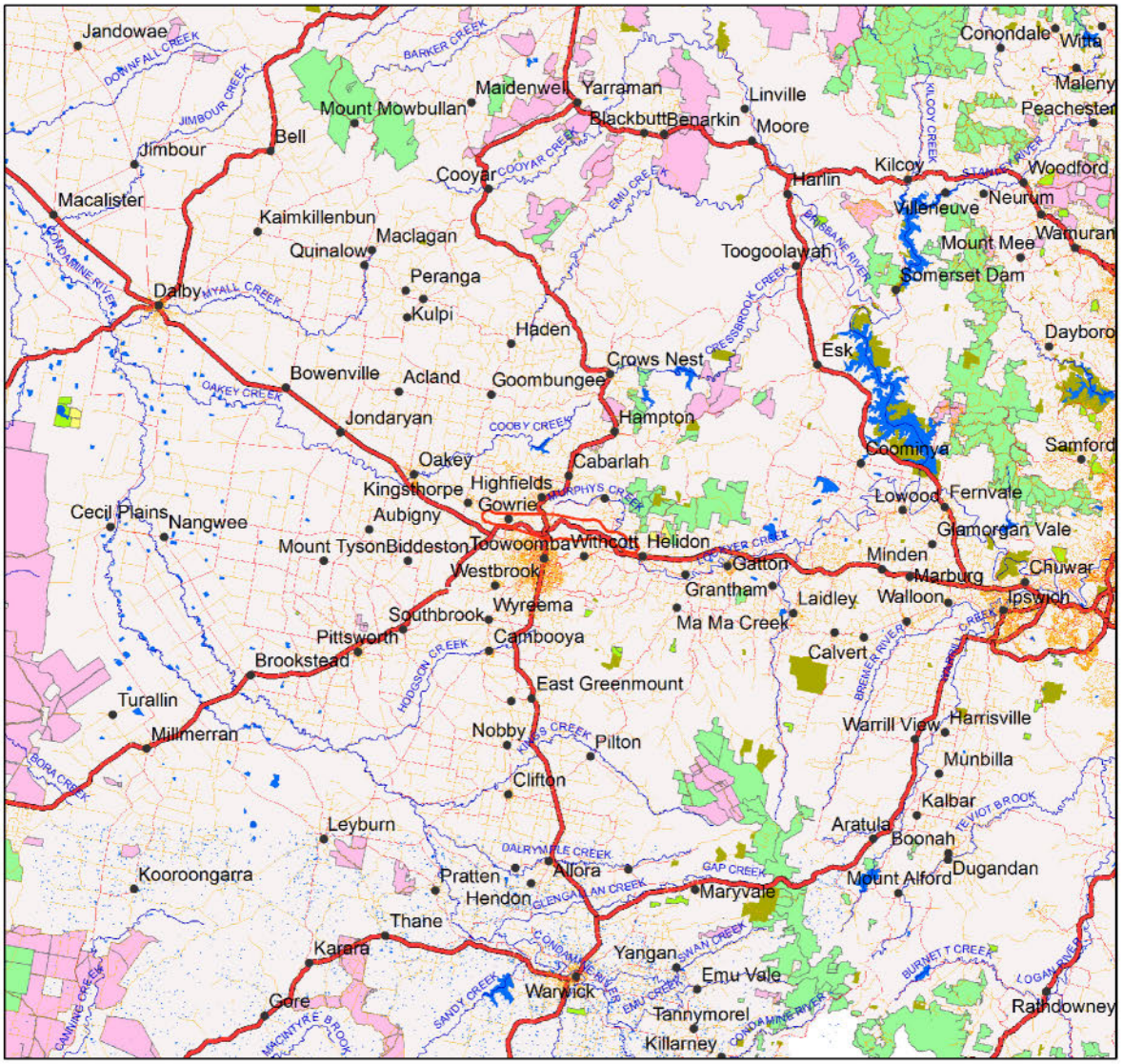
Benchmarks are based on a combination of quantitative and qualitative information and should be used as a guide only. Benchmarks are specific to one regional ecosystem vegetation community, however, the natural variability in structure and floristic composition under a range of climatic and natural disturbance regimes has been considered throughout the geographic extent of the regional ecosystem. Local reference sites should be used for this spatial and temporal (seasonal and annual) variability.

Table 7: List of remnant regional ecosystems within the AOI for which technical and biocondition benchmark descriptions are available

Regional ecosystems mapped as within the AOI	Technical Descriptions	Biocondition Benchmarks
11.3.21	Not currently available	Not currently available
11.3.25	Available	Not currently available
11.8.2a	Available	Not currently available
11.8.4	Available	Not currently available
11.8.5	Available	Not currently available
11.8.8	Available	Not currently available
12.3.3	Available	Not currently available
12.3.3d	Available	Not currently available
12.3.7	Available	Not currently available
12.8.14	Available	Not currently available
12.8.14a	Not currently available	Not currently available
12.8.17	Available	Not currently available
12.8.21	Not currently available	Not currently available
12.8.24	Not currently available	Not currently available
12.8.9	Not currently available	Not currently available
12.9-10.15	Not currently available	Not currently available
12.9-10.17a	Not currently available	Not currently available
12.9-10.2	Available	Not currently available
12.9-10.3	Available	Not currently available
12.9-10.5a	Available	Not currently available
12.9-10.7	Available	Not currently available
non-rem	Not currently available	Not currently available

Maps

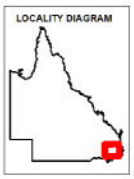
Map 1 - Location



Locality Map

Legend

- polygon
- Towns
- Highway
- Connector
- Street/Local Road
- Reservoirs
- Lakes
- National Park (Scientific)
- National Park
- National Park (CYPAL)
- Conservation Park
- Resources Reserve
- Forest Reserve
- State Forest
- Timber Reserve
- Nature Refuges
- Coordinated Conservation Areas
- Major rivers/creeks
- Queensland



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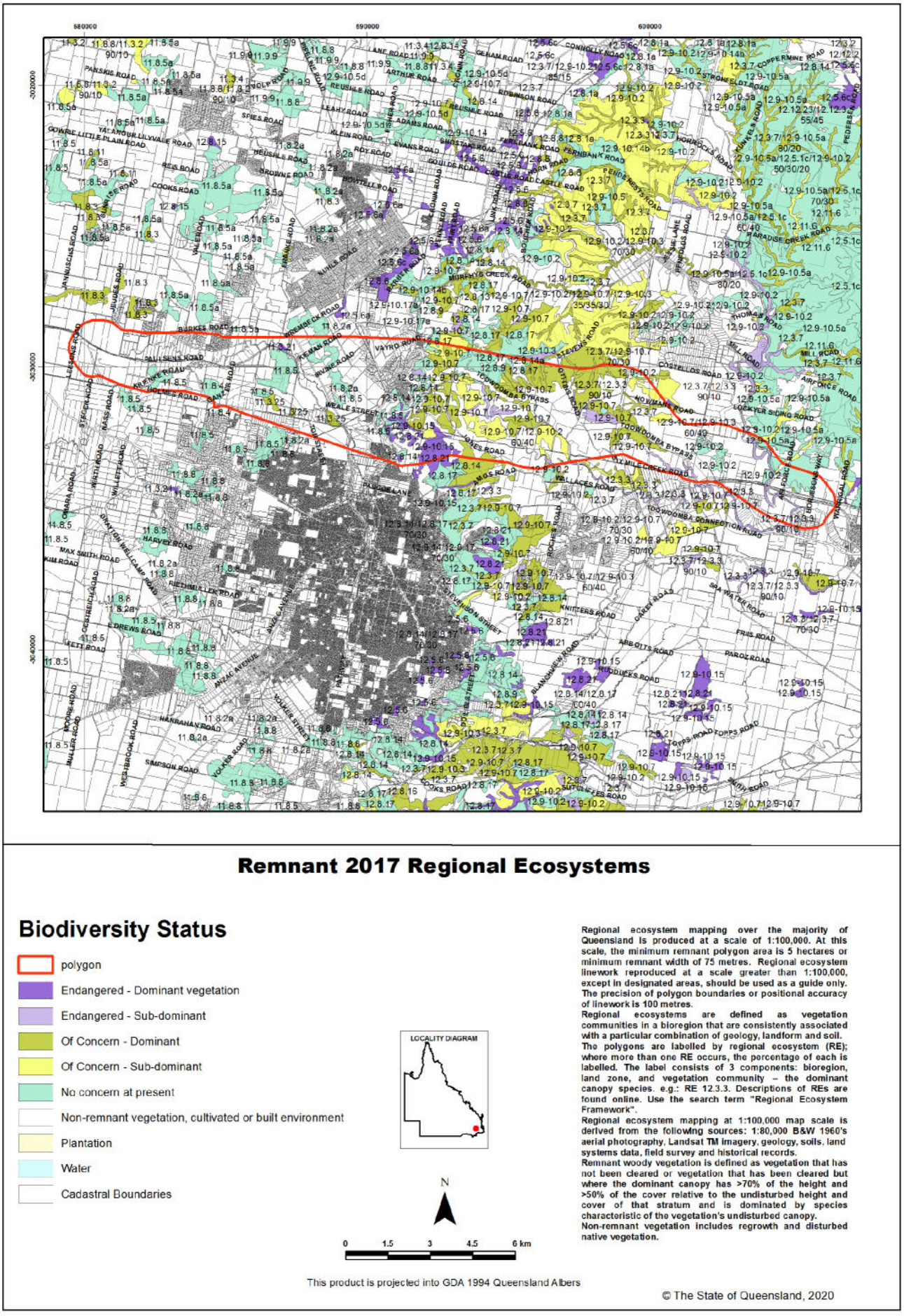
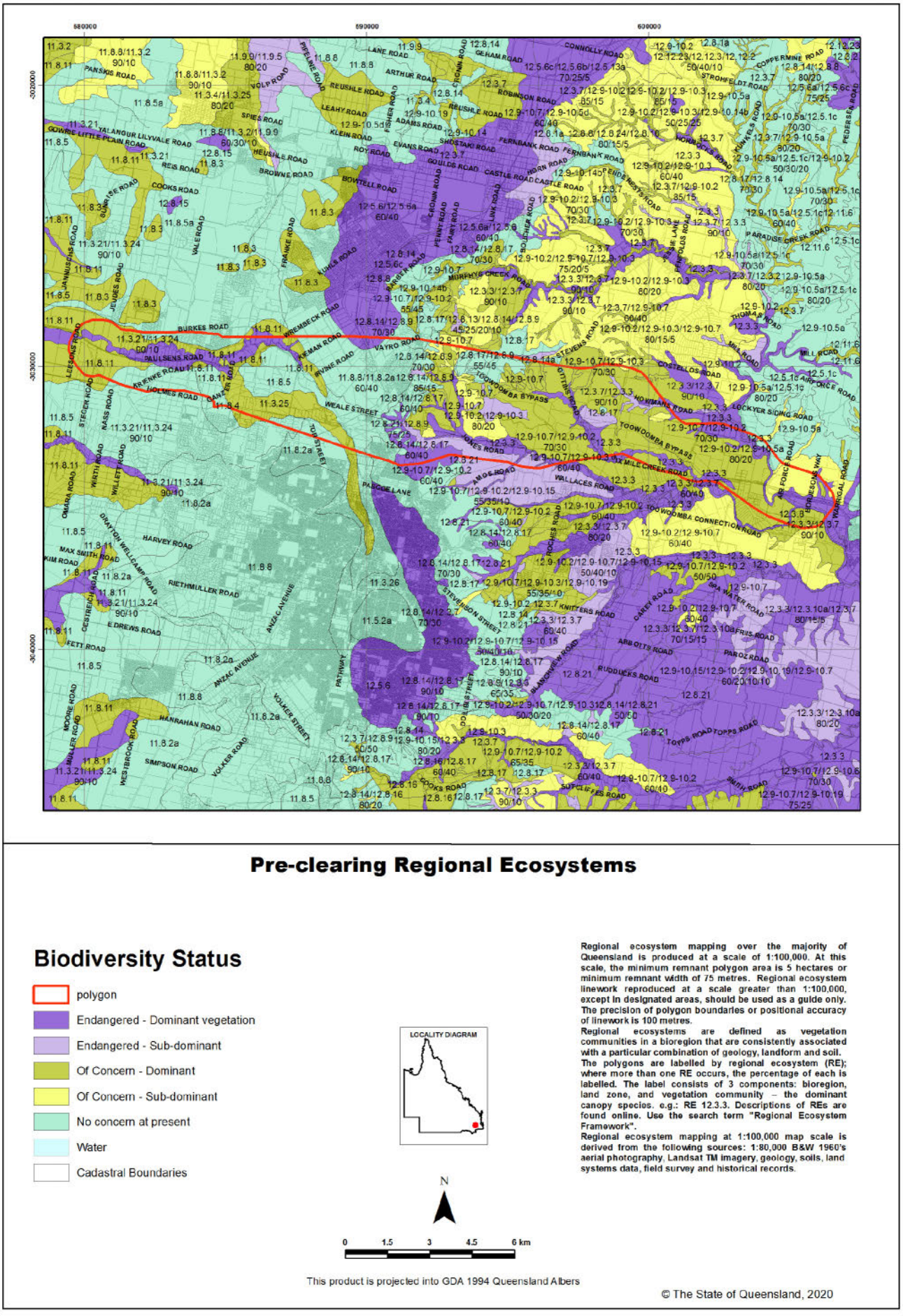
Map 2 - Remnant 2017 regional ecosystems



Map 3 - Pre-clearing regional ecosystems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HOLMES ROAD
PAULSENS ROAD
KRIENKE ROAD
VAYRO ROAD
WREMBECK ROAD
RIVNE ROAD
WEALE STREET
TOOWOOMBA BYPASS
GOWRIE LITTLE PLAIN ROAD
TALANGUR LILYVALE ROAD
REIS ROAD
COOKS ROAD
BROWNE ROAD
BOWTELL ROAD
CROWN ROAD
PERRY ROAD
CASTLE ROAD
FERNBANK ROAD
ROY ROAD
EVANS ROAD
KLEIN ROAD
ADAMS ROAD
LEAHY ROAD
REUSHLE ROAD
ARTHUR ROAD
LANE ROAD
GEHAM ROAD
CONNOLLY ROAD
ROBINSON ROAD
COPPERMINE ROAD
STROHFELDT ROAD
KUHNELS ROAD
RORDYCES ROAD
PEDERSEN ROAD
PARADISE CREEK ROAD
THOMAS ROAD
MILL ROAD
AIR FORCE ROAD
LOCKYER SIDING ROAD
STEVENS ROAD
CASTELLOS ROAD
HOWMANS ROAD
TOOWOOMBA CONNECTION ROAD
SIX MILE CREEK ROAD
WALLACES ROAD
JAMES ROAD
FOXES ROAD
PARDOE LANE
ROCHES ROAD
KNITTERS ROAD
CAREY ROAD
SPA WATER ROAD
FRIIS ROAD
ARBOTTS ROAD
PAROZ ROAD
RUDDUCKS ROAD
BLANCHDEW ROAD
TOPPS ROAD
SUPCLIFFES ROAD
PATH ROAD
YARRIGAL ROAD
BERRESCIM WAY
STEVENSON STREET
DOLBEL STREET
PATHWAY
ANZAC AVENUE
VOLKER STREET
VOLKER ROAD
HANRAHAN ROAD
SIMPSON ROAD
MOORE ROAD
MULLER ROAD
WESTBROOK ROAD
RIETHMULLER ROAD
HARVEY ROAD
OKAYTON WELLCAMP ROAD
MAX SMITH ROAD
KIM ROAD
OESTREICH ROAD
E DREWS ROAD
FETT ROAD
OMARA ROAD
WIRTH ROAD
WILLETT ROAD
NASS ROAD
STIEGER ROAD
LEESONS ROAD
JANNUSCHS ROAD
JEUDES ROAD
GUNTHSE ROAD
VALE ROAD
FRANKE ROAD
KUHLE ROAD
PFEILNE ROAD
VOLP ROAD
PANSKIS ROAD
SPIES ROAD
HEUSILE ROAD
FISHER ROAD
CRONIN ROAD
LINK ROAD
BOLTHER ROAD
HORN ROAD
FENDE NESTS ROAD
MURPHYS CREEK ROAD
GITTINS ROAD
TOPS STREET
11.3.2
11.8.8/11.3.2 90/10
11.8.11
11.8.8/11.3.2 90/10
11.9.9/11.9.5 80/20
11.3.4/11.3.25 80/20
11.8.5a
11.3.21
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11.8.5a
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11.8.5
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11.3.21/11.3.24 90/10
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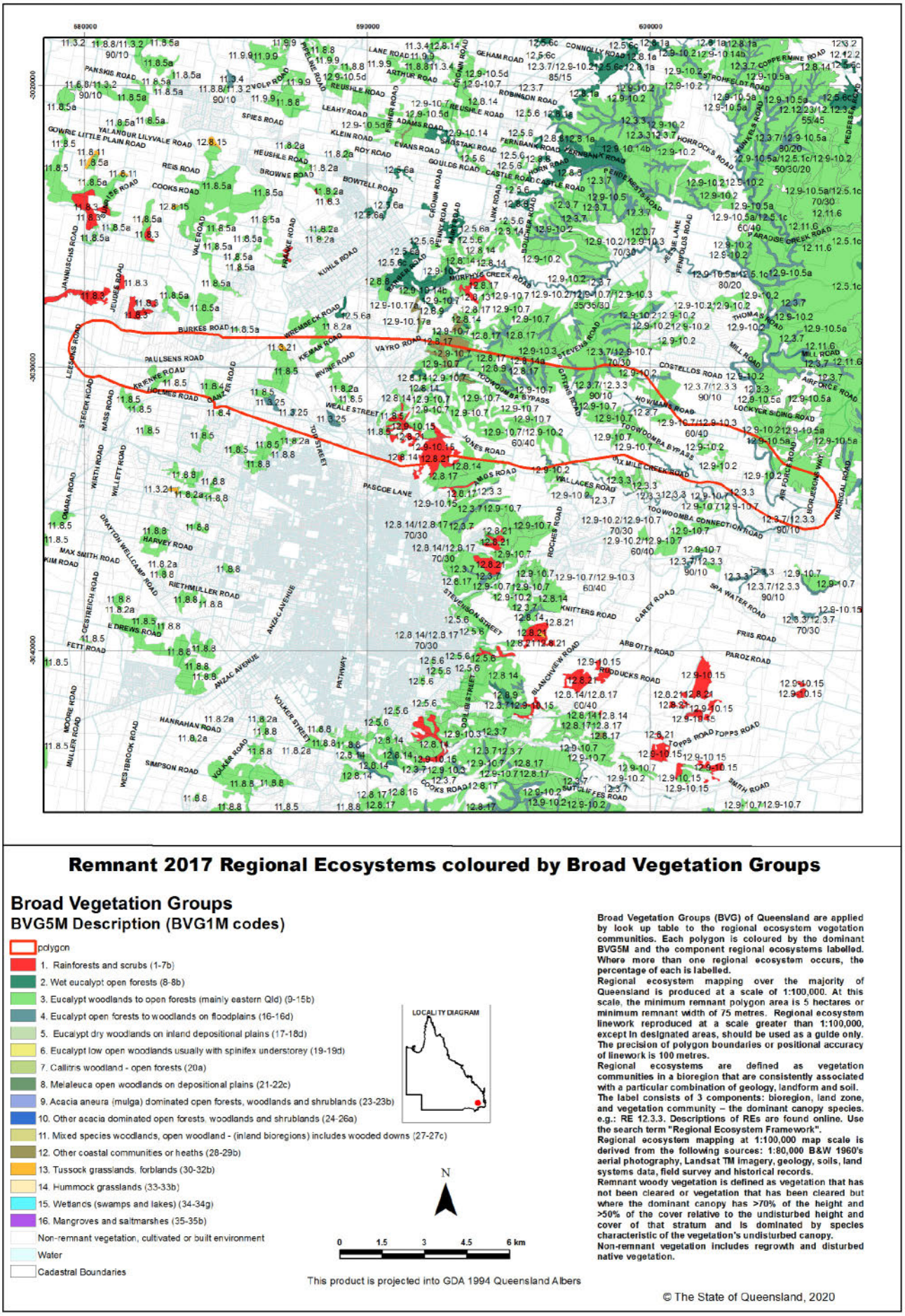
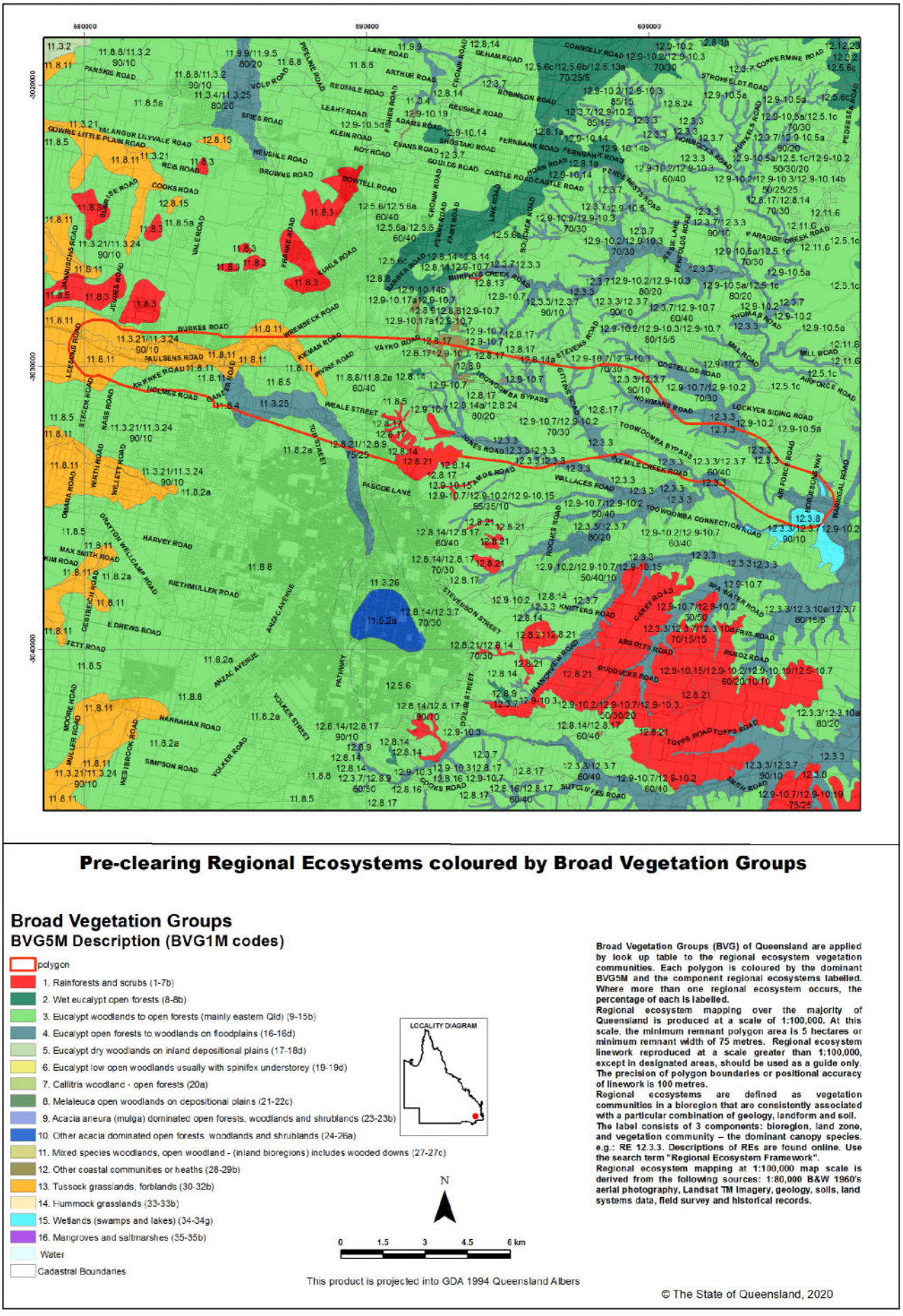
Map 4 - Remnant 2017 regional ecosystems by BVG (5M)



Map 5 - Pre-clearing regional ecosystems by BVG (5M)


580000
590000
600000
-3020000
-3030000
-3040000
PANSKIS ROAD
VOLP ROAD
PIPELINE ROAD
LANE ROAD
ARTHUR ROAD
CROWN ROAD
GEHAM ROAD
CONNOLLY ROAD
COPPERMINE ROAD
STROHFELDT ROAD
REUSHLE ROAD
ROBINSON ROAD
LEAHY ROAD
FISHER ROAD
ADAMS ROAD
SPIES ROAD
KLEIN ROAD
ROY ROAD
EVANS ROAD
SHOSTAKI ROAD
FERNBANK ROAD
HORROCKS ROAD
KUHLES ROAD
PEDERSEN ROAD
GOWRIE LITTLE PLAIN ROAD
YALANGUR LILYVALE ROAD
REIS ROAD
BROWNE ROAD
GOULDS ROAD
CASTLE ROAD
PENDLE NESTS ROAD
BOWTELL ROAD
CROWN ROAD
PERRY ROAD
FAIRT ROAD
LINK ROAD
BOJCHER ROAD
JESSIE LANE
PENFOLDS ROAD
PARADISE CREEK ROAD
COOKS ROAD
VALE ROAD
FRANKE ROAD
KUHLS ROAD
BARKER ROAD
MURPHYS CREEK ROAD
JANUSCHS ROAD
JEUDES ROAD
BURKES ROAD
WREMBECK ROAD
KEMAN ROAD
VAYRO ROAD
PAULSENS ROAD
IRVINE ROAD
KRIENKE ROAD
HOLMES ROAD
OAKEY CREEK ROAD
LEESONS ROAD
STEGER ROAD
NASS ROAD
WEALE STREET
TOOWOOMBA BYPASS
GITTINS ROAD
STEVENS ROAD
COSTELLOS ROAD
HOWMANS ROAD
THOMAS ROAD
MILL ROAD
AIRFORCE ROAD
LOCKYER SIDING ROAD
TOOWOOMBA BYPASS
SIX MILE CREEK ROAD
WALLACES ROAD
TOOWOOMBA CONNECTION ROAD
BERGESONS WAY
WARRIGAL ROAD
TOPPS STREET
PASCOE LANE
ROWES ROAD
JONES ROAD
STEVENSON STREET
KNITTERS ROAD
CAREY ROAD
SPA WATER ROAD
FRIS ROAD
ARBOTTS ROAD
PAROZ ROAD
RUDDUCKS ROAD
BLANDMERE VIEW ROAD
DOLLIS STREET
TOPPS ROAD
SMITH ROAD
SUTCLIFFES ROAD
COOKS ROAD
SIMPSON ROAD
VOLKER ROAD
VOLKER STREET
HANRAHAN ROAD
MOORE ROAD
MULLER ROAD
WESTBROOK ROAD
PATHWAY
ANZAC AVENUE
ANZAC CAVENUE
E DREWS ROAD
FETT ROAD
RIETHMULLER ROAD
GESTREICH ROAD
DRAYTON WELLCAMP ROAD
HARVEY ROAD
MAX SMITH ROAD
KIM ROAD
WILLETT ROAD
WIRTH ROAD
OMARA ROAD
11.8.8/11.3.2
11.9.9/11.9.5
11.3.4/11.3.25
11.8.8/11.3.2
11.3.21/11.3.24
11.8.5a
11.8.15
11.8.5a
11.8.3
11.8.4
11.3.25
11.8.2a
11.8.2a
11.8.2a
11.3.26
11.5.2a
11.8.6
11.8.8
11.8.5
11.8.11
11.8.5
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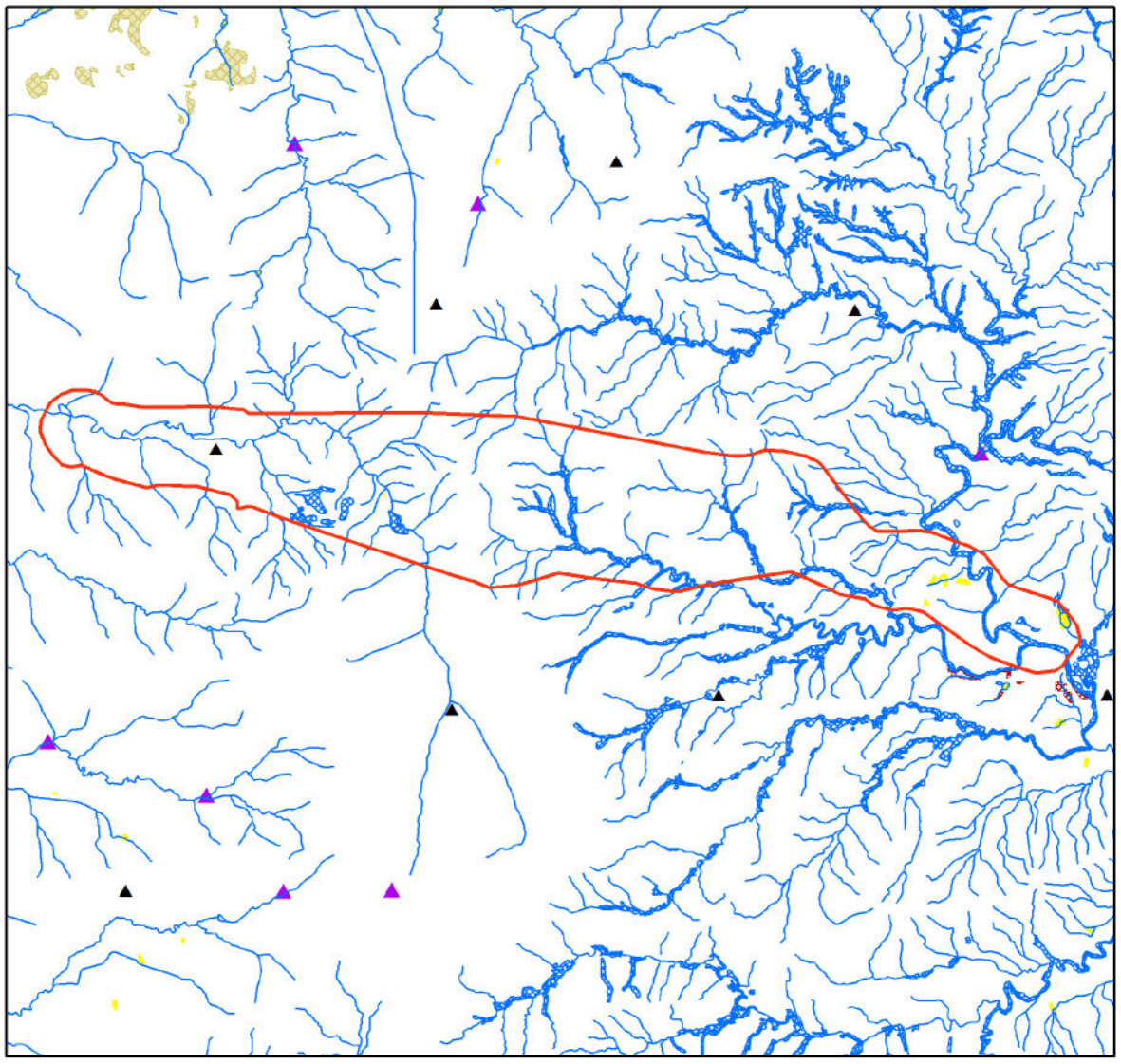
11.8.11
11.8.11

Map 6 - Wetlands and waterways



Queensland Wetland Data

Legend

- polygon
- Towns

Queensland Wetland Data

- Riverine Drainage Lines
- Springs

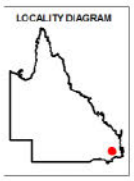
Wetland System - Water Bodies

- Marine Waterbodies
- Estuarine Waterbodies
- Riverine Waterbodies
- Lacustrine Waterbodies
- Palustrine Waterbodies

Wetland System - Regional Ecosystems

- Marine RE
- Estuarine RE
- Riverine RE
- Lacustrine RE
- Palustrine RE
- RE 51-80% wetland (mosaic units)
- RE 1-50% wetland (mosaic units)

LOCALITY DIAGRAM



N

Accuracy information: The positional accuracy of wetland data mapped at a scale of 1:100,000 is +/-100m with a minimum polygon size of 5ha or 75m wide for linear features, except for areas along the east coa st which are mapped at the 1:50,000 scale with a positional accuracy of +/-50m, with a minimum polygon size of 1ha or 35m wide for linear features. Wetlands smaller than 1ha are not delineated on the wetland data. Consideration of the effects of mapped scale is necessary when interpret ing data at a larger scale, e.g. 1:25,000. For property assessment, digital linework should be used as a guide only. The extent of wetlands depicted on this map is based on rectified 2013 Landsat ETM+ imagery supplied by Statewide Landcover and Trees Study (SLATS), Department of Environment and Science. The extent of water bodies is based on the maximum extent of inundation derived from available Landsat imagery up to and including the 2013 imagery.

0 1500 3000 4500 6000 7500 m

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This product is projected into GDA 1994 Queensland Albers

Links and Other Information Sources

The Department of Environment and Science's Website -

http://www.qld.gov.au/environment/plants-animals/plants/ecosystems/

provides further information on the regional ecosystem framework, including access to links to the Regional Ecosystem Database, Broad Vegetation Group Definitions, Regional Ecosystem and Land zone descriptions.

Descriptions of the broad vegetation groups of Queensland can be downloaded from:

https://publications.qld.gov.au/dataset/redd/resource/

The methodology for mapping regional ecosystems can be downloaded from:

https://publications.qld.gov.au/dataset/redd/resource/

Technical descriptions for regional ecosystems can be obtained from:

http://www.qld.gov.au/environment/plants-animals/plants/ecosystems/technical-descriptions/

Benchmarks can be obtained from:

http://www.qld.gov.au/environment/plants-animals/biodiversity/benchmarks/

For further information associated with the remnant regional ecosystem dataset used by this report, refer to the metadata associated with the Biodiversity status of pre-clearing and Remnant Regional Ecosystems of Queensland dataset (version listed in **Appendix 1**) which is available through the Queensland Government Information System portal,

http://dds.information.qld.gov.au/dds/

The Queensland Globe is a mapping and data application. As an interactive online tool, Queensland Globe allows you to view and explore Queensland maps, imagery (including up-to-date satellite images) and other spatial data, including regional ecosystem mapping. To further view and explore regional ecosystems over an area of interest, access the Biota Globe (a component of the Queensland Globe). The Queensland Globe can be accessed via the following link:

http://www.dnrm.qld.gov.au/mapping-data/queensland-globe

References

Neldner, V.J., Niehus R.E., Wilson, B.A. McDonald, W.J.F., Ford, A.J. and Accad, A. (2017) The Vegetation of Queensland. Descriptions of Broad Vegetation Groups. Version 3.0. Queensland Herbarium, Department of Science, Information Technology, Innovation and the Arts.

(https://publications.qld.gov.au/dataset/redd/resource/78209e74-c7f2-4589-90c1-c33188359086)

Neldner, V.J., Wilson, B.A., Dillewaard, H.A., Ryan, T.S. and Butler, D.W. (2017) *Methodology for Survey and Mapping of Regional Ecosystems and Vegetation Communities in Queensland*. Version 4.0. Queensland Herbarium, Department of Science, Information Technology, Innovation and the Arts.

(https://publications.qld.gov.au/dataset/redd/resource/6dee78ab-c12c-4692-9842-b7257c2511e4)

Sattler, P.S. and Williams, R.D. (eds) (1999). *The Conservation Status of Queensland's Bioregional Ecosystems*. Environmental Protection Agency, Brisbane.

Appendices

Appendix 1 - Source Data

The dataset listed below is available for download from:

http://www.qld.gov.au/environment/plants-animals/plants/ecosystems/download/

- Regional Ecosystem Description Database

The datasets listed below are available for download from:

http://dds.information.qld.gov.au/dds/

- Biodiversity status of pre-clearing and 2017 remnant regional ecosystems of Queensland
- Pre-clearing Vegetation Communities and Regional Ecosystems of Queensland
- Queensland Wetland Data Version - Wetland lines
- Queensland Wetland Data Version - Wetland points
- Queensland Wetland Data Version - Wetland areas

Appendix 2 - Acronyms and Abbreviations

AOI	- Area of Interest
GDA94	- Geocentric Datum of Australia 1994
GIS	- Geographic Information System
RE	- Regional Ecosystem
REDD	- Regional Ecosystem Description Database
VMA	- *Vegetation Management Act 1999*

Back on track species

Accessed 25th February 2020

Kingdom	Family	Plant or Animal Type	Species Name	Common Name	State Rank	Link
Animals	Accipitridae	Birds	Erythrotriorchis radiatus	red goshawk	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18859&species=Erythrotriorchis radiatus&k=Erythrotriorchis radiatus
Animals	Agamidae	Reptiles	Tympanocryptis condaminensis		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=21379&species=Tympanocryptis condaminensis&k=Tympanocryptis condaminensis
Animals	Artamidae	Birds	Artamus cinereus normani	black-faced woodswallow (Cape York Peninsula)	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=17746&species=Artamus cinereus normani&k=Artamus cinereus normani
Animals	Atrichornithidae	Birds	Atrichornis rufescens	rufous scrub-bird	Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=17786&species=Atrichornis rufescens&k=Atrichornis rufescens
Animals	Atyidae	Crabs, crayfish and shrimps	Caridina thermophila		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18076&species=Caridina thermophila&k=Caridina thermophila
Animals	Bithyniidae	Snails	Gabbia fontana		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19048&species=Gabbia fontana&k=Gabbia fontana
Animals	Boidae	Reptiles	Aspidites ramsayi	woma	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=17764&species=Aspidites ramsayi&k=Aspidites ramsayi
Animals	Burhinidae	Birds	Esacus magnirostris	beach stone-curlew	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18862&species=Esacus magnirostris&k=Esacus magnirostris
Animals	Cacatuidae	Birds	Calyptorhynchus lathami lathami	glossy black-cockatoo (eastern)	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18007&species=Calyptorhynchus lathami lathami&k=Calyptorhynchus lathami lathami

Animals	Cacatuidae	Birds	Lophochroa leadbeateri	Major Mitchell's cockatoo	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19768&species=Lophochroa leadbeateri&k=Lophochroa leadbeateri
Animals	Camaenidae	Snails	Adclarkia dawsonensis	boggomoss snail	Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=17522&species=Adclarkia dawsonensis&k=Adclarkia dawsonensis
Animals	Camaenidae	Snails	Bentosites hefferani		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18016&species=Bentosites hefferani&k=Bentosites hefferani
Animals	Camaenidae	Snails	Billordia nicoletteae		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18017&species=Billordia nicoletteae&k=Billordia nicoletteae
Animals	Camaenidae	Snails	Jimbouria rodhobsoni	Jimbour black soil snail	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18018&species=Jimbouria rodhobsoni&k=Jimbouria rodhobsoni
Animals	Camaenidae	Snails	Lamprellia angulata		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18020&species=Lamprellia angulata&k=Lamprellia angulata
Animals	Camaenidae	Snails	Lynfergusonia mundubbera		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18015&species=Lynfergusonia mundubbera&k=Lynfergusonia mundubbera
Animals	Camaenidae	Snails	Perioinsolita pokryszkoae		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18014&species=Perioinsolita pokryszkoae&k=Perioinsolita pokryszkoae
Animals	Camaenidae	Snails	Sphaerospira mossmani		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=21042&species=Sphaerospira mossmani&k=Sphaerospira mossmani
Animals	Camaenidae	Snails	Steorra estherlilleyae		Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18019&species=Steorra estherlilleyae&k=Steorra estherlilleyae
Animals	Carcharhinidae	Fish	Glyphis glyphis	Bizant River shark	Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19142&species=Glyphis glyphis&k=Glyphis glyphis

Animals	Carphodactylidae	Reptiles	Phyllurus championae		Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20483&species=Phyllurus championae&k=Phyllurus championae
Animals	Carphodactylidae	Reptiles	Phyllurus gulbaru	Gulbaru gecko	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20484&species=Phyllurus gulbaru&k=Phyllurus gulbaru
Animals	Carphodactylidae	Reptiles	Phyllurus isis		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20485&species=Phyllurus isis&k=Phyllurus isis
Animals	Carphodactylidae	Reptiles	Phyllurus ossa		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20487&species=Phyllurus ossa&k=Phyllurus ossa
Animals	Carphodactylidae	Reptiles	Uvidicolus sphyrurus	border thick-tailed gecko	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=21415&species=Uvidicolus sphyrurus&k=Uvidicolus sphyrurus
Animals	Casuariidae	Birds	Casuarius casuarius johnsonii (southern population)	southern cassowary (southern population)	Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18106&species=Casuarius casuarius johnsonii (southern population)&k=Casuarius casuarius johnsonii (southern population)
Animals	Ceratodontidae	Fish	Neoceratodus forsteri	Australian lungfish	Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20095&species=Neoceratodus forsteri&k=Neoceratodus forsteri
Animals	Chelidae	Reptiles	Elseya albagula	southern snapping turtle	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18780&species=Elseya albagula&k=Elseya albagula
Animals	Chelidae	Reptiles	Elseya irwini	Irwin's turtle	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18781&species=Elseya irwini&k=Elseya irwini
Animals	Chelidae	Reptiles	Elseya irwini (Johnstone)	Johnstone River snapping turtle	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18782&species=Elseya irwini (Johnstone)&k=Elseya irwini (Johnstone)
Animals	Chelidae	Reptiles	Elseya lavarackorum	Gulf snapping turtle	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18783&species=Elseya lavarackorum&k=Elseya lavarackorum
Animals	Chelidae	Reptiles	Elusor macrurus	Mary River turtle	Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18785&species=Elusor macrurus&k=Elusor macrurus

Animals	Chelidae	Reptiles	Rheodytes leukops	Fitzroy River turtle	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20835&species=Rheodytes leukops&k=Rheodytes leukops
Animals	Chelidae	Reptiles	Wollumbinia belli	Bell's turtle	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=21480&species=Wollumbinia belli&k=Wollumbinia belli
Animals	Cheloniidae	Reptiles	Caretta caretta	loggerhead turtle	Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18070&species=Caretta caretta&k=Caretta caretta
Animals	Cheloniidae	Reptiles	Chelonia mydas	green turtle	Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18199&species=Chelonia mydas&k=Chelonia mydas
Animals	Cheloniidae	Reptiles	Eretmochelys imbricata	hawksbill turtle	Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18850&species=Eretmochelys imbricata&k=Eretmochelys imbricata
Animals	Cheloniidae	Reptiles	Lepidochelys olivacea	olive ridley turtle	Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19616&species=Lepidochelys olivacea&k=Lepidochelys olivacea
Animals	Cheloniidae	Reptiles	Natator depressus	flatback turtle	Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20081&species=Natator depressus&k=Natator depressus
Animals	Dasyatidae	Fish	Dasyatis fluviorum	estuary stingray	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18576&species=Dasyatis fluviorum&k=Dasyatis fluviorum
Animals	Dasyornithidae	Birds	Dasyornis brachypterus	eastern bristlebird	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18579&species=Dasyornis brachypterus&k=Dasyornis brachypterus
Animals	Dasyuridae	Mammals	Dasycercus blythi	brush-tailed mulgara	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18577&species=Dasycercus blythi&k=Dasycercus blythi
Animals	Dasyuridae	Mammals	Dasycercus cristicauda	crest-tailed mulgara	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18578&species=Dasycercus cristicauda&k=Dasycercus cristicauda
Animals	Dasyuridae	Mammals	Dasyuroides byrnei	kowari	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18580&species=Dasyuroides byrnei&k=Dasyuroides byrnei

Animals	Dasyuridae	Mammals	Dasyurus maculatus gracilis	spotted-tailed quoll (northern subspecies)	Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18582&species=Dasyurus maculatus gracilis&k=Dasyurus maculatus gracilis
Animals	Dasyuridae	Mammals	Dasyurus maculatus maculatus	spotted-tailed quoll (southern subspecies)	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18583&species=Dasyurus maculatus maculatus&k=Dasyurus maculatus maculatus
Animals	Dasyuridae	Mammals	Sminthopsis douglasi	Julia Creek dunnart	Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20985&species=Sminthopsis douglasi&k=Sminthopsis douglasi
Animals	Delphinidae	Mammals	Orcaella heinsohni	Australian snubfin dolphin	Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20253&species=Orcaella heinsohni&k=Orcaella heinsohni
Animals	Delphinidae	Mammals	Sousa sahulensis	Australian humpback dolphin	Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=21033&species=Sousa sahulensis&k=Sousa sahulensis
Animals	Dermochelyidae	Reptiles	Dermochelys coriacea	leatherback turtle	Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18644&species=Dermochelys coriacea&k=Dermochelys coriacea
Animals	Dugongidae	Mammals	Dugong dugon	dugong	Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18739&species=Dugong dugon&k=Dugong dugon
Animals	Elapidae	Reptiles	Hoplocephalus stephensii	Stephens' banded snake	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19372&species=Hoplocephalus stephensii&k=Hoplocephalus stephensii
Animals	Emballonuridae	Mammals	Saccolaimus saccolaimus nudicluniatus	bare-rumped sheathtail bat	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20889&species=Saccolaimus saccolaimus nudicluniatus&k=Saccolaimus saccolaimus nudicluniatus
Animals	Emballonuridae	Mammals	Taphozous australis	coastal sheathtail bat	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=21196&species=Taphozous australis&k=Taphozous australis
Animals	Estrildidae	Birds	Neochmia phaeton evangelinae	crimson finch (white-bellied subspecies)	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20097&species=Neochmia phaeton evangelinae&k=Neochmia phaeton evangelinae

Animals	Estrildidae	Birds	Neochmia ruficauda clarescens	star finch (northern subspecies)	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20099&species=Neochmia ruficauda clarescens&k=Neochmia ruficauda clarescens
Animals	Estrildidae	Birds	Poephila cincta cincta	black-throated finch (white-rumped subspecies)	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20561&species=Poephila cincta cincta&k=Poephila cincta cincta
Animals	Estrildidae	Birds	Stagonopleura guttata	diamond firetail	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=21061&species=Stagonopleura guttata&k=Stagonopleura guttata
Animals	Gobiidae	Fish	Chlamydogobius micropterus	Elizabeth Springs goby	Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18220&species=Chlamydogobius micropterus&k=Chlamydogobius micropterus
Animals	Gobiidae	Fish	Chlamydogobius squamigenus	Edgbaston goby	Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18222&species=Chlamydogobius squamigenus&k=Chlamydogobius squamigenus
Animals	Gobiidae	Fish	Stiphodon atratus		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=21101&species=Stiphodon atratus&k=Stiphodon atratus
Animals	Helicarionidae	Snails	Delinitesta gayndahensis		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18601&species=Delinitesta gayndahensis&k=Delinitesta gayndahensis
Animals	Helicarionidae	Snails	Dimidarion slatyeri		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19254&species=Dimidarion slatyeri&k=Dimidarion slatyeri
Animals	Hipposideridae	Mammals	Hipposideros cervinus	fawn leaf-nosed bat	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19348&species=Hipposideros cervinus&k=Hipposideros cervinus
Animals	Hyalidae	Amphipods	Austrochiltonia sp. AMS P68165		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=17802&species=Austrochiltonia sp. AMS P68165&k=Austrochiltonia sp. AMS P68165
Animals	Hydrobiidae	Snails	Edgbastonia alanwillsi		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18746&species=Edgbastonia alanwillsi&k=Edgbastonia alanwillsi

Animals	Hydrobiidae	Snails	Jardinella acuminata		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19514&species=Jardinella acuminata&k=Jardinella acuminata
Animals	Hydrobiidae	Snails	Jardinella colmani		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19516&species=Jardinella colmani&k=Jardinella colmani
Animals	Hydrobiidae	Snails	Jardinella coreena		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19517&species=Jardinella coreena&k=Jardinella coreena
Animals	Hydrobiidae	Snails	Jardinella corrugata		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19518&species=Jardinella corrugata&k=Jardinella corrugata
Animals	Hydrobiidae	Snails	Jardinella edgbastonensis		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19519&species=Jardinella edgbastonensis&k=Jardinella edgbastonensis
Animals	Hydrobiidae	Snails	Jardinella eulo		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19520&species=Jardinella eulo&k=Jardinella eulo
Animals	Hydrobiidae	Snails	Jardinella exigua		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19521&species=Jardinella exigua&k=Jardinella exigua
Animals	Hydrobiidae	Snails	Jardinella isolata		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19522&species=Jardinella isolata&k=Jardinella isolata
Animals	Hydrobiidae	Snails	Jardinella jesswiseae		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19523&species=Jardinella jesswiseae&k=Jardinella jesswiseae
Animals	Hydrobiidae	Snails	Jardinella pallida		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19524&species=Jardinella pallida&k=Jardinella pallida
Animals	Hydrobiidae	Snails	Jardinella zeidlerorum		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19525&species=Jardinella zeidlerorum&k=Jardinella zeidlerorum
Animals	Hylidae	Amphibians	Litoria myola	Kuranda treefrog	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19732&species=Litoria myola&k=Litoria myola

Animals	Idiopidae	Arachnids	Arbanitis longipes	Brisbane tube spider	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=17692&species=Arbanitis longipes&k=Arbanitis longipes
Animals	Labridae	Fish	Achoerodus viridis	Eastern blue groper	Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=17481&species=Achoerodus viridis&k=Achoerodus viridis
Animals	Lamnidae	Fish	Carcharodon carcharias	white shark	Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18068&species=Carcharodon carcharias&k=Carcharodon carcharias
Animals	Laridae	Birds	Sternula albifrons	little tern	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=21093&species=Sternula albifrons&k=Sternula albifrons
Animals	Lycaenidae	Butterflies and moths	Acrodipsas illidgei	Illidge's ant-blue	Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=17500&species=Acrodipsas illidgei&k=Acrodipsas illidgei
Animals	Lycaenidae	Butterflies and moths	Hypochrysops apollo apollo	Apollo jewel (Wet Tropics subspecies)	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19421&species=Hypochrysops apollo apollo&k=Hypochrysops apollo apollo
Animals	Lycaenidae	Butterflies and moths	Hypochrysops piceata	bulloak jewel	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19437&species=Hypochrysops piceata&k=Hypochrysops piceata
Animals	Macropodidae	Mammals	Onychogalea fraenata	bridled nailtail wallaby	Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20242&species=Onychogalea fraenata&k=Onychogalea fraenata
Animals	Macropodidae	Mammals	Petrogale penicillata	brush-tailed rock-wallaby	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20411&species=Petrogale penicillata&k=Petrogale penicillata
Animals	Macropodidae	Mammals	Petrogale persephone	Proserpine rock-wallaby	Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20412&species=Petrogale persephone&k=Petrogale persephone
Animals	Macropodidae	Mammals	Petrogale xanthopus celeris	yellow-footed rock-wallaby	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20415&species=Petrogale xanthopus celeris&k=Petrogale xanthopus celeris

Animals	Maluridae	Birds	Amytornis ballarae	Kalkadoon grasswren	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=17604&species=Amytornis ballarae&k=Amytornis ballarae
Animals	Maluridae	Birds	Amytornis barbatus barbatus	grey grasswren (Bulloo)	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=17605&species=Amytornis barbatus barbatus&k=Amytornis barbatus barbatus
Animals	Maluridae	Birds	Amytornis barbatus diamantina	grey grasswren (Lake Eyre basin)	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=17606&species=Amytornis barbatus diamantina&k=Amytornis barbatus barbatus
Animals	Maluridae	Birds	Amytornis dorotheae	Carpentarian grasswren	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=17607&species=Amytornis dorotheae&k=Amytornis dorotheae
Animals	Maluridae	Birds	Malurus coronatus	purple-crowned fairy-wren	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19849&species=Malurus coronatus&k=Malurus coronatus
Animals	Megadermatidae	Mammals	Macroderma gigas	ghost bat	Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19811&species=Macroderma gigas&k=Macroderma gigas
Animals	Melanotaeniidae	Fish	Rhadinocentrus ornatus	ornate rainbowfish	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20829&species=Rhadinocentrus ornatus&k=Rhadinocentrus ornatus
Animals	Meliphagidae	Birds	Epthianura crocea macgregori	yellow chat (Dawson)	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18837&species=Epthianura crocea macgregori&k=Epthianura crocea macgregori
Animals	Meliphagidae	Birds	Grantiella picta	painted honeyeater	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19170&species=Grantiella picta&k=Grantiella picta
Animals	Muridae	Mammals	Melomys rubicola	Bramble Cay melomys	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19946&species=Melomys rubicola&k=Melomys rubicola
Animals	Muridae	Mammals	Pseudomys oralis	Hastings River mouse	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20684&species=Pseudomys oralis&k=Pseudomys oralis
Animals	Muridae	Mammals	Xeromys myoides	water mouse	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=21495&species=Xeromys myoides&k=Xeromys myoides

Animals	Myobatrachidae	Amphibians	Crinia tinnula	wallum froglet	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18398&species=Crinia tinnula&k=Crinia tinnula
Animals	Myobatrachidae	Amphibians	Taudactylus pleione	Kroombit tinkerfrog	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=21208&species=Taudactylus pleione&k=Taudactylus pleione
Animals	Odontaspididae	Fish	Carcharias taurus	greynurse shark	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18067&species=Carcharias taurus&k=Carcharias taurus
Animals	Oecophoridae	Butterflies and moths	Trisyntopa scatophaga		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=21356&species=Trisyntopa scatophaga&k=Trisyntopa scatophaga
Animals	Papilionidae	Butterflies and moths	Ornithoptera richmondia	Richmond birdwing	Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20268&species=Ornithoptera richmondia&k=Ornithoptera richmondia
Animals	Parastacidae	Crabs, crayfish and shrimps	Cherax cartalacoolah		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18203&species=Cherax cartalacoolah&k=Cherax cartalacoolah
Animals	Percichthyidae	Fish	Maccullochella mariensis	Mary River cod	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19803&species=Maccullochella mariensis&k=Maccullochella mariensis
Animals	Percichthyidae	Fish	Maccullochella peelii	Murray cod	Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19804&species=Maccullochella peelii&k=Maccullochella peelii
Animals	Percichthyidae	Fish	Nannoperca oxleyana	Oxleyan pygmy perch	Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20078&species=Nannoperca oxleyana&k=Nannoperca oxleyana
Animals	Petauridae	Mammals	Petaurus australis australis	yellow-bellied glider (southern subspecies)	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20397&species=Petaurus australis australis&k=Petaurus australis australis
Animals	Petauridae	Mammals	Petaurus australis unnamed subsp.	yellow-bellied glider (northern subspecies)	Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20398&species=Petaurus australis unnamed subsp.&k=Petaurus australis unnamed subsp.

Animals	Petauridae	Mammals	Petaurus gracilis	mahogany glider	Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20400&species=Petaurus gracilis&k=Petaurus gracilis
Animals	Petroicidae	Birds	Melanodryas cucullata cucullata	hooded robin (south-eastern)	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19916&species=Melanodryas cucullata cucullata&k=Melanodryas cucullata cucullata
Animals	Planorbidae	Snails	Gyraulus edgbastonensis		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19208&species=Gyraulus edgbastonensis&k=Gyraulus edgbastonensis
Animals	Platylepadidae	Barnacles	Stomatolepas dermochelys		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=21105&species=Stomatolepas dermochelys&k=Stomatolepas dermochelys
Animals	Potoroidae	Mammals	Bettongia tropica	northern bettong	Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=17851&species=Bettongia tropica&k=Bettongia tropica
Animals	Pristidae	Fish	Pristis clavata	dwarf sawfish	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20620&species=Pristis clavata&k=Pristis clavata
Animals	Pristidae	Fish	Pristis pristis		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20621&species=Pristis pristis&k=Pristis pristis
Animals	Pristidae	Fish	Pristis zijsron	green sawfish	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20622&species=Pristis zijsron&k=Pristis zijsron
Animals	Pseudomugilidae	Fish	Pseudomugil mellis	honey blue eye	Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20673&species=Pseudomugil mellis&k=Pseudomugil mellis
Animals	Pseudomugilidae	Fish	Scaturiginichthys vermeilipinnis	redfin blue eye	Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20928&species=Scaturiginichthys vermeilipinnis&k=Scaturiginichthys vermeilipinnis
Animals	Psittacidae	Birds	Cyclopsitta diophthalma coxeni	Coxen's fig-parrot	Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18514&species=Cyclopsitta diophthalma coxeni&k=Cyclopsitta diophthalma coxeni
Animals	Psittacidae	Birds	Pezoporus wallicus wallicus	ground parrot	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20422&species=Pezoporus wallicus wallicus&k=Pezoporus wallicus wallicus

Animals	Psittacidae	Birds	Psephotus chrysopterygius	golden-shouldered parrot	Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20647&species=Psephotus chrysopterygius&k=Psephotus chrysopterygius
Animals	Pteropodidae	Mammals	Pteropus conspicillatus	spectacled flying-fox	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20726&species=Pteropus conspicillatus&k=Pteropus conspicillatus
Animals	Pteropodidae	Mammals	Pteropus poliocephalus	grey-headed flying-fox	Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20727&species=Pteropus poliocephalus&k=Pteropus poliocephalus
Animals	Pygopodidae	Reptiles	Delma inornata		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18603&species=Delma inornata&k=Delma inornata
Animals	Pygopodidae	Reptiles	Delma torquata	collared delma	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18609&species=Delma torquata&k=Delma torquata
Animals	Rhinolophidae	Mammals	Rhinolophus philippinensis	greater large-eared horseshoe bat	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20842&species=Rhinolophus philippinensis&k=Rhinolophus philippinensis
Animals	Scincidae	Reptiles	Anomalopus brevicollis		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=17627&species=Anomalopus brevicollis&k=Anomalopus brevicollis
Animals	Scincidae	Reptiles	Anomalopus mackayi	long-legged worm-skink	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=17630&species=Anomalopus mackayi&k=Anomalopus mackayi
Animals	Scincidae	Reptiles	Lerista allanae	Allan's lerista	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19639&species=Lerista allanae&k=Lerista allanae
Animals	Theraphosidae	Arachnids	Selenocosmia crassipes		Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20959&species=Selenocosmia crassipes&k=Selenocosmia crassipes
Animals	Theraphosidae	Arachnids	Selenocosmia strenua		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20960&species=Selenocosmia strenua&k=Selenocosmia strenua

Animals	Theraphosidae	Arachnids	Selenotypus plumipes		Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20961&species=Selenotypus plumipes&k=Selenotypus plumipes
Animals	Thylacomyidae	Mammals	Macrotis lagotis	greater bilby	Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19829&species=Macrotis lagotis&k=Macrotis lagotis
Animals	Tridacnidae	Snails	Tridacna derasa		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=21336&species=Tridacna derasa&k=Tridacna derasa
Animals	Tridacnidae	Snails	Tridacna gigas		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=21337&species=Tridacna gigas&k=Tridacna gigas
Animals	Turnicidae	Birds	Turnix melanogaster	black-breasted button-quail	Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=21367&species=Turnix melanogaster&k=Turnix melanogaster
Animals	Varanidae	Reptiles	Varanus semiremex	rusty monitor	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=21439&species=Varanus semiremex&k=Varanus semiremex
Animals	Vespertilionidae	Mammals	Murina florium	tube-nosed insectivorous bat	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20039&species=Murina florium&k=Murina florium
Animals	Vombatidae	Mammals	Lasiorhinus krefftii	northern hairy-nosed wombat	Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19585&species=Lasiorhinus krefftii&k=Lasiorhinus krefftii
Plants	Acanthaceae	Herbs	Brunoniella spiciflora		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=17926&species=Brunoniella spiciflora&k=Brunoniella spiciflora
Plants	Apiaceae	Herbs	Eryngium fontanum		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18855&species=Eryngium fontanum&k=Eryngium fontanum
Plants	Apiaceae	Herbs	Lilaeopsis brisbanica		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19682&species=Lilaeopsis brisbanica&k=Lilaeopsis brisbanica
Plants	Apiaceae	Herbs	Platysace sp. (Mt Ninderry P.R.Sharpe+ 2092)		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Search.aspx?k=Platysace%20sp.%20(Mt%20Ninderry%20P.R.Sharpe%2B%202092)&cs=This%20Site&u=https%3A%2F%2Fspecies-recovery.ehp.qld.gov.au%2Fehp%2Fthespring

Plants	Apocynaceae	Vines	Marsdenia brevifolia		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19864&species=Marsdenia brevifolia&k=Marsdenia brevifolia
Plants	Apocynaceae	Trees	Ochrosia moorei	southern ochrosia	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20191&species=Ochrosia moorei&k=Ochrosia moorei
Plants	Aponogetonaceae	Water plants	Aponogeton bullosus		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=17672&species=Aponogeton bullosus&k=Aponogeton bullosus
Plants	Aponogetonaceae	Water plants	Aponogeton lancesmithii		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=17676&species=Aponogeton lancesmithii&k=Aponogeton lancesmithii
Plants	Aponogetonaceae	Water plants	Aponogeton prolifer		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=17677&species=Aponogeton prolifer&k=Aponogeton prolifer
Plants	Araliaceae	Herbs	Hydrocotyle dipleura		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19396&species=Hydrocotyle dipleura&k=Hydrocotyle dipleura
Plants	Araliaceae	Herbs	Trachymene geraniifolia		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=21305&species=Trachymene geraniifolia&k=Trachymene geraniifolia
Plants	Arecaceae	Palms	Archontophoenix myolensis		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=17699&species=Archontophoenix myolensis&k=Archontophoenix myolensis
Plants	Arecaceae	Palms	Livistona concinna		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19755&species=Livistona concinna&k=Livistona concinna
Plants	Arecaceae	Palms	Livistona lanuginosa		Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19758&species=Livistona lanuginosa&k=Livistona lanuginosa
Plants	Aristolochiaceae	Vines	Pararistolochia praevenosa		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20335&species=Pararistolochia praevenosa&k=Pararistolochia praevenosa

Plants	Asteraceae	Shrubs	Olearia macdonnellensis		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20235&species=Olearia macdonnellensis&k=Olearia macdonnellensis
Plants	Asteraceae	Herbs	Picris conyzoides		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20490&species=Picris conyzoides&k=Picris conyzoides
Plants	Asteraceae	Herbs	Picris evae		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20491&species=Picris evae&k=Picris evae
Plants	Asteraceae	Shrubs	Rhaponticum australe		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20832&species=Rhaponticum australe&k=Rhaponticum australe
Plants	Asteraceae	Herbs	Trioncinia retroflexa		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=21349&species=Trioncinia retroflexa&k=Trioncinia retroflexa
Plants	Blandfordiaceae	Herbs	Blandfordia grandiflora	christmas bells	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=17858&species=Blandfordia grandiflora&k=Blandfordia grandiflora
Plants	Byttneriaceae	Shrubs	Commersonia inglewoodensis		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18295&species=Commersonia inglewoodensis&k=Commersonia inglewoodensis
Plants	Byttneriaceae	Shrubs	Commersonia pearnii		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18297&species=Commersonia pearnii&k=Commersonia pearnii
Plants	Byttneriaceae	Shrubs	Lasiopetalum sp. (Proston J.A.Baker 17)		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19584&species=Lasiopetalum sp. (Proston J.A.Baker 17)&k=Lasiopetalum sp. (Proston J.A.Baker 17)
Plants	Byttneriaceae	Shrubs	Seringia denticulata		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20973&species=Seringia denticulata&k=Seringia denticulata
Plants	Caesalpiniaceae	Herbs	Chamaecrista maritima		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18180&species=Chamaecrista maritima&k=Chamaecrista maritima

Plants	Celastraceae	Shrubs	Apatophyllum olsenii		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=17661&species=Apatophyllum olsenii&k=Apatophyllum olsenii
Plants	Celastraceae	Shrubs	Denhamia parvifolia		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18641&species=Denhamia parvifolia&k=Denhamia parvifolia
Plants	Convolvulaceae	Vines	Ipomoea saintronanensis		Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19480&species=Ipomoea saintronanensis&k=Ipomoea saintronanensis
Plants	Cunoniaceae	Trees	Davidsonia johnsonii	smooth Davidsonia	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18584&species=Davidsonia johnsonii&k=Davidsonia johnsonii
Plants	Cunoniaceae	Shrubs	Eucryphia wilkiei		Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18938&species=Eucryphia wilkiei&k=Eucryphia wilkiei
Plants	Cupressaceae	Trees	Callitris baileyi	Bailey's cypress	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=17992&species=Callitris baileyi&k=Callitris baileyi
Plants	Cyatheaceae	Ferns and fern-like plants	Cyathea exilis		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18495&species=Cyathea exilis&k=Cyathea exilis
Plants	Cycadaceae	Cycads	Cycas cairnsiana		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18498&species=Cycas cairnsiana&k=Cycas cairnsiana
Plants	Cycadaceae	Cycads	Cycas couttsiana		Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18500&species=Cycas couttsiana&k=Cycas couttsiana
Plants	Cycadaceae	Cycads	Cycas megacarpa		Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18504&species=Cycas megacarpa&k=Cycas megacarpa
Plants	Cycadaceae	Cycads	Cycas ophiolitica	Marlborough blue	Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18505&species=Cycas ophiolitica&k=Cycas ophiolitica
Plants	Cycadaceae	Cycads	Cycas platyphylla		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18506&species=Cycas platyphylla&k=Cycas platyphylla

Plants	Cycadaceae	Cycads	Cycas semota		Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18507&species=Cycas semota&k=Cycas semota
Plants	Cyperaceae	Sedges and rushes	Caustis blakei subsp. macrantha		Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18117&species=Caustis blakei subsp. macrantha&k=Caustis blakei subsp. macrantha
Plants	Cyperaceae	Sedges and rushes	Lepidosperma quadrangulatum		Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19619&species=Lepidosperma quadrangulatum&k=Lepidosperma quadrangulatum
Plants	Ericaceae	Shrubs	Lissanthe brevistyla		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19708&species=Lissanthe brevistyla&k=Lissanthe brevistyla
Plants	Eriocaulaceae	Herbs	Eriocaulon carsonii		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18853&species=Eriocaulon carsonii&k=Eriocaulon carsonii
Plants	Euphorbiaceae	Shrubs	Acalypha lyonsii		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=17457&species=Acalypha lyonsii&k=Acalypha lyonsii
Plants	Haloragaceae	Water plants	Myriophyllum artesium		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20055&species=Myriophyllum artesium&k=Myriophyllum artesium
Plants	Hymenophyllaceae	Ferns and fern-like plants	Crepidomanes aphlebioides		Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18391&species=Crepidomanes aphlebioides&k=Crepidomanes aphlebioides
Plants	Lamiaceae	Herbs	Plectranthus amoenus		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20529&species=Plectranthus amoenus&k=Plectranthus amoenus
Plants	Lamiaceae	Herbs	Plectranthus graniticola		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20532&species=Plectranthus graniticola&k=Plectranthus graniticola
Plants	Lamiaceae	Herbs	Plectranthus gratus		Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20533&species=Plectranthus gratus&k=Plectranthus gratus

Plants	Lamiaceae	Shrubs	Prostanthera clotteniana		Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20636&species=Prostanthera clotteniana&k=Prostanthera clotteniana
Plants	Laxmanniaceae	Lilies	Arthropodium sp. (Mt Cordeaux P.I.Forster+ PIF22065)		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=17755&species=Arthropodium sp. (Mt Cordeaux P.I.Forster+ PIF22065)&k=Arthropodium sp. (Mt Cordeaux P.I.Forster+ PIF22065)
Plants	Loganiaceae	Shrubs	Logania diffusa		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19762&species=Logania diffusa&k=Logania diffusa
Plants	Lycopodiaceae	Mosses	Phlegmariurus carinatus		Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19381&species=Phlegmariurus carinatus&k=Phlegmariurus carinatus
Plants	Lycopodiaceae	Mosses	Phlegmariurus dalhousieanus		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19382&species=Phlegmariurus dalhousieanus&k=Phlegmariurus dalhousieanus
Plants	Lycopodiaceae	Mosses	Phlegmariurus filiformis		Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19383&species=Phlegmariurus filiformis&k=Phlegmariurus filiformis
Plants	Lycopodiaceae	Mosses	Phlegmariurus lockyeri		Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19384&species=Phlegmariurus lockyeri&k=Phlegmariurus lockyeri
Plants	Lycopodiaceae	Mosses	Phlegmariurus marsupiiformis		Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19385&species=Phlegmariurus marsupiiformis&k=Phlegmariurus marsupiiformis
Plants	Lycopodiaceae	Mosses	Phlegmariurus phlegmaria		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19386&species=Phlegmariurus phlegmaria&k=Phlegmariurus phlegmaria
Plants	Lycopodiaceae	Mosses	Phlegmariurus phlegmarioides		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19387&species=Phlegmariurus phlegmarioides&k=Phlegmariurus phlegmarioides

Plants	Lycopodiaceae	Mosses	Phlegmariurus squarrosus		Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19388&species=Phlegmariurus squarrosus&k=Phlegmariurus squarrosus
Plants	Lycopodiaceae	Mosses	Phlegmariurus tetrastichoides		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19389&species=Phlegmariurus tetrastichoides&k=Phlegmariurus tetrastichoides
Plants	Lycopodiaceae	Mosses	Phlegmariurus varius		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19390&species=Phlegmariurus varius&k=Phlegmariurus varius
Plants	Mimosaceae	Shrubs	Acacia attenuata		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=21548&species=Acacia attenuata&k=Acacia attenuata
Plants	Mimosaceae	Shrubs	Acacia eremophiloides		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=17396&species=Acacia eremophiloides&k=Acacia eremophiloides
Plants	Mimosaceae	Trees	Acacia lumholtzii		Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=17411&species=Acacia lumholtzii&k=Acacia lumholtzii
Plants	Mimosaceae	Trees	Acacia maranoensis		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=17412&species=Acacia maranoensis&k=Acacia maranoensis
Plants	Mimosaceae	Shrubs	Acacia porcata		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=17426&species=Acacia porcata&k=Acacia porcata
Plants	Mimosaceae	Trees	Acacia tingoorensis		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=17451&species=Acacia tingoorensis&k=Acacia tingoorensis
Plants	Molluginaceae	Shrubs	Macarthuria complanata		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19801&species=Macarthuria complanata&k=Macarthuria complanata
Plants	Musaceae	Trees	Musa jackeyi		Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20040&species=Musa jackeyi&k=Musa jackeyi
Plants	Myrtaceae	Trees	Eucalyptus argophloia	Queensland western white gum	Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18884&species=Eucalyptus argophloia&k=Eucalyptus argophloia

Plants	Myrtaceae	Trees	Eucalyptus broviniensis		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18891&species=Eucalyptus broviniensis&k=Eucalyptus broviniensis
Plants	Myrtaceae	Trees	Eucalyptus pachycalyx subsp. waajensis		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18914&species=Eucalyptus pachycalyx subsp. waajensis&k=Eucalyptus pachycalyx subsp. waajensis
Plants	Myrtaceae	Trees	Eucalyptus raveretiana	black ironbox	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18919&species=Eucalyptus raveretiana&k=Eucalyptus raveretiana
Plants	Myrtaceae	Shrubs	Homoranthus decumbens		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19364&species=Homoranthus decumbens&k=Homoranthus decumbens
Plants	Myrtaceae	Shrubs	Homoranthus vagans		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19368&species=Homoranthus vagans&k=Homoranthus vagans
Plants	Myrtaceae	Shrubs	Micromyrtus delicata		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19973&species=Micromyrtus delicata&k=Micromyrtus delicata
Plants	Nyctaginaceae	Trees	Pisonia grandis		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20504&species=Pisonia grandis&k=Pisonia grandis
Plants	Orchidaceae	Orchids	Caladenia atroclavia		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=17972&species=Caladenia atroclavia&k=Caladenia atroclavia
Plants	Orchidaceae	Orchids	Calochilus psednus		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=17997&species=Calochilus psednus&k=Calochilus psednus
Plants	Orchidaceae	Orchids	Dendrobium bigibbum		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18621&species=Dendrobium bigibbum&k=Dendrobium bigibbum
Plants	Orchidaceae	Orchids	Dendrobium mirbelianum	mangrove orchid	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18629&species=Dendrobium mirbelianum&k=Dendrobium mirbelianum

Plants	Orchidaceae	Orchids	Dendrobium nindii	blue orchid	Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18630&species=Dendrobium nindii&k=Dendrobium nindii
Plants	Orchidaceae	Orchids	Diuris parvipetala		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18707&species=Diuris parvipetala&k=Diuris parvipetala
Plants	Orchidaceae	Orchids	Genoplesium tectum		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19095&species=Genoplesium tectum&k=Genoplesium tectum
Plants	Orchidaceae	Orchids	Phaius australis		Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20427&species=Phaius australis&k=Phaius australis
Plants	Orchidaceae	Orchids	Phaius bernaysii	yellow swamp orchid	Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20428&species=Phaius bernaysii&k=Phaius bernaysii
Plants	Orchidaceae	Orchids	Sarcochilus fitzgeraldii	ravine orchid	Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20914&species=Sarcochilus fitzgeraldii&k=Sarcochilus fitzgeraldii
Plants	Orchidaceae	Orchids	Sarcochilus hartmannii		Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20915&species=Sarcochilus hartmannii&k=Sarcochilus hartmannii
Plants	Orchidaceae	Orchids	Sarcochilus weinthalii	blotched sarcochilus	Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20917&species=Sarcochilus weinthalii&k=Sarcochilus weinthalii
Plants	Orobanchaceae	Herbs	Euphrasia bella	Lamington eyebright	Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18959&species=Euphrasia bella&k=Euphrasia bella
Plants	Phrymaceae	Herbs	Peplidium sp. (Edgbaston R.J.Fensham 3341)		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20381&species=Peplidium sp. (Edgbaston R.J.Fensham 3341)&k=Peplidium sp. (Edgbaston R.J.Fensham 3341)
Plants	Pittosporaceae	Trees	Auranticarpa edentata		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=17793&species=Auranticarpa edentata&k=Auranticarpa edentata

Plants	Polygalaceae	Shrubs	Comesperma oblongatum		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18290&species=Comesperma oblongatum&k=Comesperma oblongatum
Plants	Proteaceae	Shrubs	Banksia plagiocarpa		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=17825&species=Banksia plagiocarpa&k=Banksia plagiocarpa
Plants	Proteaceae	Shrubs	Grevillea scortechinii subsp. scortechinii		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19195&species=Grevillea scortechinii subsp. scortechinii&k=Grevillea scortechinii subsp. scortechinii
Plants	Proteaceae	Shrubs	Grevillea venusta	grevillea	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19197&species=Grevillea venusta&k=Grevillea venusta
Plants	Proteaceae	Shrubs	Hakea trineura		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19224&species=Hakea trineura&k=Hakea trineura
Plants	Proteaceae	Trees	Triunia robusta		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=21357&species=Triunia robusta&k=Triunia robusta
Plants	Rhamnaceae	Shrubs	Pomaderris clivicola		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20584&species=Pomaderris clivicola&k=Pomaderris clivicola
Plants	Rhamnaceae	Shrubs	Pomaderris coomingalensis		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20585&species=Pomaderris coomingalensis&k=Pomaderris coomingalensis
Plants	Rubiaceae	Shrubs	Durringtonia paludosa	durringtonia	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18740&species=Durringtonia paludosa&k=Durringtonia paludosa
Plants	Rubiaceae	Shrubs	Myrmecodia beccarii		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20058&species=Myrmecodia beccarii&k=Myrmecodia beccarii
Plants	Rubiaceae	Shrubs	Oldenlandia gibsonii		Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20227&species=Oldenlandia gibsonii&k=Oldenlandia gibsonii

Plants	Rutaceae	Shrubs	Boronia keysii	Key's boronia	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=17884&species=Boronia keysii&k=Boronia keysii
Plants	Rutaceae	Shrubs	Boronia repanda		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=17888&species=Boronia repanda&k=Boronia repanda
Plants	Rutaceae	Trees	Clausena smyrelliana		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18261&species=Clausena smyrelliana&k=Clausena smyrelliana
Plants	Rutaceae	Shrubs	Phebalium distans		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20442&species=Phebalium distans&k=Phebalium distans
Plants	Rutaceae	Shrubs	Zieria furfuracea subsp. gymnocarpa		Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=21517&species=Zieria furfuracea subsp. gymnocarpa&k=Zieria furfuracea subsp. gymnocarpa
Plants	Sapindaceae	Trees	Alectryon ramiflorus		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=17549&species=Alectryon ramiflorus&k=Alectryon ramiflorus
Plants	Sapindaceae	Trees	Cupaniopsis shirleyana	wedge-leaf tuckeroo	High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18489&species=Cupaniopsis shirleyana&k=Cupaniopsis shirleyana
Plants	Solanaceae	Shrubs	Solanum adenophorum		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=20995&species=Solanum adenophorum&k=Solanum adenophorum
Plants	Solanaceae	Shrubs	Solanum stenopterum		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=21026&species=Solanum stenopterum&k=Solanum stenopterum
Plants	Sparrmanniaceae	Shrubs	Corchorus cunninghamii		High	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=18330&species=Corchorus cunninghamii&k=Corchorus cunninghamii
Plants	Surianaceae	Trees	Cadellia pentastylis	ooline	Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=17963&species=Cadellia pentastylis&k=Cadellia pentastylis

Plants	Zamiaceae	Cycads	Bowenia serrulata	Byfield fern	Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=17900&species=Bowenia serrulata&k=Bowenia serrulata
Plants	Zamiaceae	Cycads	Macrozamia conferta		Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19831&species=Macrozamia conferta&k=Macrozamia conferta
Plants	Zamiaceae	Cycads	Macrozamia cranei		Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19832&species=Macrozamia cranei&k=Macrozamia cranei
Plants	Zamiaceae	Cycads	Macrozamia crassifolia		Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19833&species=Macrozamia crassifolia&k=Macrozamia crassifolia
Plants	Zamiaceae	Cycads	Macrozamia lomandroides		Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19835&species=Macrozamia lomandroides&k=Macrozamia lomandroides
Plants	Zamiaceae	Cycads	Macrozamia longispina		Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19836&species=Macrozamia longispina&k=Macrozamia longispina
Plants	Zamiaceae	Cycads	Macrozamia machinii		Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19837&species=Macrozamia machinii&k=Macrozamia machinii
Plants	Zamiaceae	Cycads	Macrozamia occidua		Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19838&species=Macrozamia occidua&k=Macrozamia occidua
Plants	Zamiaceae	Cycads	Macrozamia parcifolia		Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19839&species=Macrozamia parcifolia&k=Macrozamia parcifolia
Plants	Zamiaceae	Cycads	Macrozamia pauli-guilielmi		Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19840&species=Macrozamia pauli-guilielmi&k=Macrozamia pauli-guilielmi
Plants	Zamiaceae	Cycads	Macrozamia platyrhachis		Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19841&species=Macrozamia platyrhachis&k=Macrozamia platyrhachis

Plants	Zamiaceae	Cycads	Macrozamia serpentina		Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19842&species=Macrozamia serpentina&k=Macrozamia serpentina
Plants	Zamiaceae	Cycads	Macrozamia viridis		Critical	https://species-recovery.ehp.qld.gov.au/ehp/thespring/Pages/Species-Details.aspx?listurl=https://species-recovery.ehp.qld.gov.au/ehp/thespring/Lists/Species&itemid=19843&species=Macrozamia viridis&k=Macrozamia viridis

Data deficient species for the South East Queensland NRM region

Kingdom	Species name	Common name	Taxonomic work	Check records / specimens	Survey known locations	Look for new sites	Biology / ecology	Population status
Animals	*Acrodipsas arcana*	black-veined ant-blue			✓	✓	✓	✓
Animals	*Amarinus sp.*	a freshwater crab			✓	✓		✓
Animals	*Amphibolurus muricatus*	jacky lizard	✓	✓	✓	✓		
Animals	*Angeliera rivularis*	a freshwater isopod			✓	✓		✓
Animals	*Antennarius commersonii*	giant anglerfish		✓	✓	✓	✓	✓
Animals	*Apristurus australis*	pinocchio catshark			✓	✓	✓	
Animals	*Apristurus platyrhynchus*	bigfin catshark			✓	✓	✓	
Animals	*Cassis cornuta*	Giant Helmet Shell			✓	✓	✓	✓
Animals	*Centropyge flavissima*	Lemonpeel Angelfish			✓	✓	✓	✓
Animals	*Cephaloscyllium variegatum*	saddled swellshark			✓	✓	✓	✓
Animals	*Charonia tritonis*	Giant triton or trumpet shell		✓	✓	✓	✓	✓
Animals	*Chicoreus axicornis*	axicornis murex		✓	✓	✓	✓	✓
Animals	*Chicoreus cervicornis*	deer-antler murex		✓	✓	✓	✓	✓
Animals	*Chicoreus huttoniae*	Hutton's murex		✓	✓	✓	✓	✓
Animals	*Chicoreus ramosus*	Giant murex		✓	✓	✓	✓	✓
Animals	*Chimaera macrospina*	longspine chimaera			✓	✓		
Animals	*Chimaera obscura*	shortspine chimaera			✓	✓	✓	
Animals	*Conus leopardus*	Leopard cone		✓	✓	✓	✓	✓
Animals	*Ctenotus eurydice*		✓					
Animals	*Cymbiola pulchra* (various forms)	Beautiful volute		✓	✓	✓	✓	✓
Animals	*Dipturus melanospilus*	blacktip skate	✓		✓	✓		✓
Animals	*Dipturus wengi*	wengs skate	✓		✓	✓		✓
Animals	*Etmopterus lucifer*	blackbelly lanternshark		✓	✓	✓	✓	✓
Animals	*Falco hypoleucos*	grey falcon			✓	✓		✓
Animals	*Falsistrellus tasmaniensis*	eastern false pipistrelle			✓	✓		✓

Data deficient species for the South East Queensland NRM region

Kingdom	Species name	Common name	Taxonomic work	Check records / specimens	Survey known locations	Look for new sites	Biology / ecology	Population status
Animals	*Fluvidona anodonta*				✓	✓		✓
Animals	*Hesperilla sarnia*	swift sedge-skipper			✓	✓	✓	✓
Animals	*Hexatrygon bickelli*	sixgill stingray		✓	✓	✓	✓	✓
Animals	*Hydrolagus marmoratus*	marbled ghostshark		✓	✓	✓	✓	✓
Animals	*Ixobrychus dubius*	Australian little bittern			✓	✓	✓	✓
Animals	*Laevophiloscia myrmecophila*	a terrestrial isopod			✓	✓		✓
Animals	*Lambis truncata*	giant spider conch		✓	✓	✓	✓	✓
Animals	*Melo amphora*	Common Queensland baler		✓	✓	✓	✓	✓
Animals	*Mustelus walkeri*	white-spotted gummy shark	✓	✓	✓	✓		✓
Animals	*Myliobatis hamlyni*	purple eagle ray			✓	✓	✓	✓
Animals	*Onthophagus phoenicocerus*	beetle			✓	✓	✓	✓
Animals	*Paratya australiensis lineage 3*	a freshwater shrimp	✓		✓	✓		✓
Animals	*Paratya australiensis lineage 4*	a freshwater shrimp	✓		✓	✓		✓
Animals	*Paratya australiensis lineage 6*	a freshwater shrimp	✓		✓	✓		✓
Animals	*Paratya australiensis lineage 8*	a freshwater shrimp	✓		✓	✓		✓
Animals	*Pavoraja umbrosa*	dusky skate	✓					
Animals	*Plesiobatis daviesi*	giant stingaree			✓	✓		✓
Animals	*Saproscincus oriarus*				✓	✓		✓
Animals	*Scotorepens* sp. (Parnaby)	central-eastern broad-nosed bat	✓	✓	✓			
Animals	*Squalus albifrons*	eastern highfin spurdog			✓	✓	✓	✓
Animals	*Squatina albipunctata*	eastern angel shark			✓	✓	✓	✓
Animals	*Syrinx aruanus*	Australian trumpet shell		✓	✓	✓	✓	✓
Animals	*Torpedo macneilli*	shorttail torpedo ray			✓	✓	✓	✓
Animals	*Turnix maculosus*	red-backed button-quail			✓	✓	✓	✓

Data deficient species for the South East Queensland NRM region

Kingdom	Species name	Common name	Taxonomic work	Check records / specimens	Survey known locations	Look for new sites	Biology / ecology	Population status
Plants	*Abelmoschus moschatus* subsp. *tuberosus*		✓					
Plants	*Acacia adunca*				✓	✓		✓
Plants	*Acalypha eremorum*		✓					
Plants	*Aponogeton elongatus* subsp. *fluitans*				✓	✓		✓
Plants	*Bulbophyllum argyropus*			✓	✓	✓	✓	✓
Plants	*Burmannia juncea*			✓	✓			
Plants	*Cheirostylis notialis*				✓	✓		
Plants	*Corybas fordhamii*				✓	✓		
Plants	*Cryptostylis hunteriana*			✓	✓	✓		
Plants	*Genoplesium nudiscapum*				✓	✓		
Plants	*Genoplesium sigmoideum*				✓	✓		
Plants	*Goodenia arenicola*				✓	✓		✓
Plants	*Potamogeton tepperi*				✓	✓		✓
Plants	*Prasophyllum wallum*				✓	✓		
Plants	*Pterostylis chaetophora*		✓					
Plants	*Pterostylis scoliosa*				✓	✓		✓
Plants	*Rhizanthella omissa*			✓	✓	✓	✓	✓
Plants	*Solanum nobile*		✓					
Plants	*Teucrium* sp. (Ormeau G.Leiper AQ476858)		✓					

APPENDIX

I

Terrestrial and Aquatic Ecology

Appendix E Flora species list

GOWRIE TO HELIDON ENVIRONMENTAL IMPACT STATEMENT

Appendix E
Flora Species List

Family	Species name	Common name	Conservation status (NC Act)	Native/ non-native	Restricted matter	WoNS
Acanthaceae	*Brunoniella australis*	Blue trumpet	LC	Native		
Adiantaceae	*Adiantum species*		LC	Native		
Adiantaceae	*Cheilanthes distans*	Bristly cloak fern	SLC	Native		
Amaranthaceae	*Alternanthera pungens*	Khaki weed		Non-native		
Amaranthaceae	*Gomphrena celosioides*	Gomphrena weed		Non-native		
Apocynaceae	*Alstonia constricta*	Bitterbark	LC	Native		
Apocynaceae	*Alyxia ruscifolia*	Prickly alyxia	LC	Native		
Apocynaceae	*Carissa ovata*	Currantbush	LC	Native		
Apocynaceae	*Gomphocarpus physocarpus*	Balloon cottonbush		Non-native		
Apocynaceae	*Marsdenia coronata*	Slender Milkvine	*V*	Native		
Apocynaceae	*Parsonsia species*		LC	Native		
Araliaceae	*Hydrocotyle acutiloba*		LC	Native		
Arecaceae	*Syagrus romanzoffiana*	Queen palm		Non-native		
Asparagaceae	*Asparagus*	Feathered		Non-native	Category 3	Yes
Asteraceae	*Baccharis halimifolia*	groundsel bush		Non-native	Category 3	
Asteraceae	*Bidens pilosa*	Cobbler's pegs		Non-native		
Asteraceae	*Calotis cuneifolia*	Burr daisy	LC	Native		
Asteraceae	*Calotis hispidula*	Bogan flea	LC	Native		
Asteraceae	*Cassinia laevis*		LC	Native		
Asteraceae	*Chrysocephalum apiculatum*	Yellow buttons	LC	Native		
Asteraceae	*Cirsium vulgare*	Spear thistle	LC	Native		
Asteraceae	*Conyza bonariensis*			Non-native		
Asteraceae	*Conyza canadensis*	Fleabane		Non-native		
Asteraceae	*Parthenium hysterophorus*	Parthenium weed		Non-native	Category 3	Yes
Asteraceae	*Pterocaulon sphacelatum*	Applebush	LC	Native		
Asteraceae	*Senecio madagascariensis*	Fireweed		Non-native	Category 3	Yes
Asteraceae	*Senecio sp.*	Native fireweed	LC	Native		
Asteraceae	*Tagetes minuta*	Stinking roger		Non-native		

Family	Species name	Common name	Conservation status (NC Act)	Native/ non-native	Restricted matter	WoNS
Asteraceae	*Vittadinia pterochaeta*	Rough fuzzweed	LC	Native		
Basellaceae	*Anredera cordifolia*	Madeira vine		Non-native	Category 3	Yes
Bignoniaceae	*Dolichandra unguis-cati*	Cat's claw creeper		Non-native	Category 3	Yes
Bignoniaceae	*Pandorea pandorana*	Wonga vine	LC	Native		
Blechnaceae	*Blechnum nudum*	Fishbone water fern	LC	Native		
Boraginaceae	*Heliotropium amplexicaule*	Blue heliotrope	LC	Native		
Brassicaceae	*Brassica rapa subsp. campestris*			Non-native		
Brassicaceae	*Capsella bursapastoris*	Shepherd's purse		Non-native		
Brassicaceae	*Lepidium bonariense*	Argentine peppercress		Non-native		
Brassicaceae	*Rapistrum rugosum*	Turnip weed		Non-native		
Brassicaceae	*Sisymbrium thellungii*	African turnip-weed		Non-native		
Cactacceae	*Opuntia scricta*	Common pest pear		Non-native	Category 3	Yes
Cactaceae	*Opuntia tomentosa*	Velvety tree pear		Non-native	Category 3	Yes
Caesalpiniaceae	*Gleditsia triacanthos*	Honey locust		Non-native	Category 3	
Campanulaceae	*Lobelia purpurascens*	White root	LC	Native		
Campanulaceae	*Wahlenbergia communis*	Tufted bluebell	SLC	Native		
Campanulaceae	*Wahlenbergia gracilis*	Sprawling bluebell	SLC	Native		
Campanulaceae	*Wahlenbergia species*		LC	Native		
Capparaceae	*Capparis lasiantha*	Nipan	LC	Native		
Capparaceae	*Capparis sarmentosa*	Scrambling caper	LC	Native		
Casuarinaceae	*Allocasuarina littoralis*		LC	Native		
Casuarinaceae	*Allocasuarina luehmannii*	Bull oak	LC	Native		
Casuarinaceae	*Allocasuarina torulosa*		LC	Native		
Casuarinaceae	*Casuarina cunninghamiana*	River oak	LC	Native		
Celastraceae	*Maytenus silvestris*	Narrow-leaved orange bark	LC	Native		

Family	Species name	Common name	Conservation status (NC Act)	Native/ non-native	Restricted matter	WoNS
Chenopodiaceae	*Chenopodium album*	Fat-hen		Non-native		
Chenopodiaceae	*Maireana microcarpa*		LC	Native		
Chenopodiaceae	*Salsola australis*	Roly poly	LC	Native		
Chenopodiaceae	*Sclerolaena muricata*		LC	Native		
Commelinaceae	*Commelina diffusa*	Wandering jew	LC	Native		
Convolvulaceae	*Dichondra repens*	Kidney weed	LC	Native		
Convolvulaceae	*Evolvulus alsinoides*	Evolvulus	LC	Native		
Cyperaceae	*Cyperus bifax*	Western nutgrass	LC	Native		
Cyperaceae	*Cyperus clarus*	Cyperus	V	Native		
Cyperaceae	*Cyperus difformis*	Rice sedge	LC	Native		
Cyperaceae	*Cyperus exaltatus*	Tall flatsedge	LC	Native		
Cyperaceae	*Cyperus gracilis*		LC	Native		
Cyperaceae	*Cyperus rotundus*	Nutgrass		Non-native		
Cyperaceae	*Cyperus species (NFM)*		LC	Native		
Cyperaceae	*Cyperus vaginatus*	Cyperus	LC	Native		
Cyperaceae	*Fimbristylis sp.*	Sedge	LC	Native		
Cyperaceae	*Gahnia aspera*	Rough saw-sedge	LC	Native		
Cyperaceae	*Isolepis inundata*	Swamp club rush	LC	Native		
Dennstaedtiaceae	*Pteridium esculentum*	Common bracken	LC	Native		
Ericaceae	*Epacris obtusifolia*	Common heath	LC	Native		
Ericaceae	*Monotoca scoparia*	Prickly broom heath	LC	Native		
Erythroxylaceae	*Erythroxylum australe*	Cocaine tree	LC	Native		
Euphorbiaceae	*Alchornea ilicifolia*	Native holly	LC	Native		
Euphorbiaceae	*Mallotus philippensis*	Red kamala	LC	Native		
Euphorbiaceae	*Ricinus communis*	Castor oil bush		Non-native		
Fabaceae	*Desmodium campylocaulon*		LC	Native		
Fabaceae	*Desmodium rhytidophyllum*	Native desmodium	LC	Native		
Fabaceae	*Desmodium varians*	Slender tick trefoil	LC	Native		
Fabaceae	*Erythrina vespertilio*		LC	Native		
Fabaceae	*Glycine tabacina*	Glycine pea	LC	Native		

Family	Species name	Common name	Conservation status (NC Act)	Native/ non-native	Restricted matter	WoNS
Fabaceae	*Hardenbergia violacea*		LC	Native		
Fabaceae	*Jacksonia scoparia*		LC	Native		
Fabaceae	*Lotus australis*	Australian trefoil	LC	Native		
Fabaceae	*Macroptilium atropurpureum*	Siratro		Non-native		
Fabaceae	*Medicago polymorpha*	Burr medic		Non-native		
Fabaceae	*Neonotonia wightii*	Glycine		Non-native		
Fabaceae	*Rhynchosia minima*	Pea	LC	Native		
Fabaceae	*Vicia monantha subsp. monantha*	Common vetch		Non-native		
Goodeniaceae	*Brunonia australis*	Blue pincushion	LC	Native		
Goodeniaceae	*Goodenia rotundifolia*		LC	Native		
Hemerocallidacea e	*Dianella caerulea*	Blue flax lily	LC	Native		
Hemerocallidacea e	*Dianella longifolia var. longifolia*		LC	Native		
Hemerocallidacea e	*Geitonoplesium cymosum*	Scrambling lily	LC	Native		
Lamiaceae	*Mentha satureioides*	Native pennyroyal	LC	Native		
Lamiaceae	*Plectranthus graveolens*	Flea bush	LC	Native		
Lauraceae	*Cassytha filiformis*	Dodder laurel	LC	Native		
Lauraceae	*Cinnamomum camphora*	Camphor laurel		Non-native	Category 3	
Laxmanniaceae	*Cordyline rubra*	Red-fruited palm lily	LC	Native		
Laxmanniaceae	*Eustrephus latifolius*	Wombat berry	LC	Native		
Laxmanniaceae	*Laxmannia gracilis*	Slender wire lily	LC	Native		
Laxmanniaceae	*Lomandra filiformis*	Wattle mat-rush	LC	Native		
Laxmanniaceae	*Lomandra longifolia*	Spiny-head mat-rush	LC	Native		
Laxmanniaceae	*Lomandra multiflora*	Many-flowered mat-rush	LC	Native		
Lindsaeaceae	*Lindsaea microphylla*	Lacy wedge fern	LC	Native		
Loganiaceae	*Strychnos psilosperma*	Strychnine tree	LC	Native		
Malvaceae	*Abutilon calliphyllum*	Velvet lanternflower	LC	Native		
Malvaceae	*Hibiscus divaricatus*		LC	Native		

Family	Species name	Common name	Conservation status (NC Act)	Native/ non-native	Restricted matter	WoNS
Malvaceae	*Malva parviflora*	Small-flowered mallow		Non-native		
Malvaceae	*Malvastrum americanum*			Non-native		
Malvaceae	*Sida cordifolia*	Flannel weed		Non-native		
Malvaceae	*Sida hackettiana*	Native hemp	LC	Native		
Malvaceae	*Sida rhombifolia*	Paddys lucern		Non-native		
Malvaceae	*Sida species*		LC	Native		
Mimosaceae	*Acacia caroleae*		LC	Native		
Mimosaceae	*Acacia everistii*		LC	Native		
Mimosaceae	*Acacia excelsa*	Ironwood	LC	Native		
Mimosaceae	*Acacia fimbriata*	Fringed wattle	LC	Native		
Mimosaceae	*Acacia glaucocarpa*	Hickory wattle	LC	Native		
Mimosaceae	*Acacia implexa*	Lightwood	LC	Native		
Mimosaceae	*Acacia leiocalyx*	Black wattle	LC	Native		
Mimosaceae	*Acacia longispicata*		LC	Native		
Mimosaceae	*Acacia maidenii*	Maiden's wattle	LC	Native		
Mimosaceae	*Acacia pendula*	Weeping myall	LC	Native		
Mimosaceae	*Acacia podalyriifolia*	Queensland silver wattle	LC	Native		
Mimosaceae	*Acacia salicina*	Doolan	LC	Native		
Mimosaceae	*Allocasurina torulosa*	Mountain she-oak	LC	Native		
Mimosaceae	*Leucaena leucocephala*	Leucaena		Non-native		
Mimosaceae	*Neptunia gracilis*	Native sensitive weed	LC	Native		
Moraceae	*Ficus watkinsiana*	Green-leaved Moreton Bay fig	LC	Native		
Moraceae	*Maclura cochinchinensis*	Cockspur thorn	LC	Native		
Moraceae	*Morus nigra*	Black mulberry		Non-native		
Myrtacae	*Eucalyptus tereticornis*	Queensland blue gum	LC	Native		
Myrtaceae	*Angophora floribunda*	Rough-barked apple	LC	Native		
Myrtaceae	*Angophora subvelutina*	Broad-leaved apple	LC	Native		
Myrtaceae	*Corymbia citriodora*	Spotted gum	LC	Native		
Myrtaceae	*Corymbia henryi*	Large-leaved spottted gum	LC	Native		
Myrtaceae	*Corymbia intermedia*	Pink bloodwood	LC	Native		
Myrtaceae	*Corymbia tessellaris*	Moreton Bay ash	LC	Native		

Family	Species name	Common name	Conservation status (NC Act)	Native/ non-native	Restricted matter	WoNS
Myrtaceae	*Corymbia trachyphloia*		LC	Native		
Myrtaceae	*Eucalyptus acmenoides*	White mahogany	LC	Native		
Myrtaceae	*Eucalyptus carnea*	Thick-leaved mahogany	LC	Native		
Myrtaceae	*Eucalyptus crebra*	Narrow-leaved red ironbark	LC	Native		
Myrtaceae	*Eucalyptus helidonica*		LC	Native		
Myrtaceae	*Eucalyptus melanophloia*	Silver-leaf ironbark	LC	Native		
Myrtaceae	*Eucalyptus melliodora*	Yellow box	LC	Native		
Myrtaceae	*Eucalyptus moluccana*	Gum-topped box	LC	Native		
Myrtaceae	*Eucalyptus pilularis*	Blackbutt	LC	Native		
Myrtaceae	*Eucalyptus propinqua*	Small-fruited grey gum	LC	Native		
Myrtaceae	*Eucalyptus saligna*		LC	Native		
Myrtaceae	*Eucalyptus siderophloia*	Grey ironbark	LC	Native		
Myrtaceae	*Lophostemon confertus*	Brush box	LC	Native		
Myrtaceae	*Melaleuca bracteata*		LC	Native		
Nyctaginaceae	*Boerhavia sp.*	Tar vine	LC	Native		
Oleaceae	*Jasminum suavissimum*	Native jasmine	LC	Native		
Oleaceae	*Ligustrum lucidum*	Large-leaved privet		Non-native	Category 3	
Oleaceae	*Ligustrum sinense*	small-leaved privet		Non-native	Category 3	
Orchidaceae	*Dendrobium kingianum*		LC	Native		
Oxalidaceae	*Oxalis chnoodes*	Wood sorrel	LC	Native		
Oxalidaceae	*Oxalis corniculata*			Non-native		
Passifloraceae	*Passiflora suberosa*	Corky passion flower		Non-native		
Phyllanthaceae	*Breynia oblongifolia*		LC	Native		
Picrodendraceae	*Petalostigma pubescens*	Quinine tree	LC	Native		
Piperaceae	*Peperomia tetraphylla*		LC	Native		
Pittosporaceae	*Bursaria incana*	Spiny bursaria	LC	Native		
Pittosporaceae	*Bursaria spinosa*		LC	Native		

Family	Species name	Common name	Conservation status (NC Act)	Native/ non-native	Restricted matter	WoNS
Pittosporaceae	*Pittosporum angustifolium*		LC	Native		
Pittosporaceae	*Pittosporum phylliraeoides*	Gumbi gumbi	LC	Native		
Plantaginaceae	*Plantago lanceolata*	Lambs tongue		Non-native		
Poaceae	*Aristida calycina*		LC	Native		
Poaceae	*Aristida caput-medusae*		LC	Native		
Poaceae	*Aristida leptopoda*	White speargrass	LC	Native		
Poaceae	*Aristida ramosa*	Purple wiregrass	LC	Native		
Poaceae	*Aristida species*		LC	Native		
Poaceae	*Austrastipa verticillata*	Slender bamboo grass	LC	Native		
Poaceae	*Avena fatua*	Wild oats		Non-native		
Poaceae	*Bothriochloa bladhii*		LC	Native		
Poaceae	*Bothriochloa decipiens*	Pitted bluegrass	LC	Native		
Poaceae	*Bromus catharticus*	Prairie grass		Non-native		
Poaceae	*Capillipedium spicigerum*	spicytop	LC	Native		
Poaceae	*Cenchrus ciliaris*	Buffel grass		Non-native		
Poaceae	*Chloris gayana*	Rhodes grass		Non-native		
Poaceae	*Chloris pectinata*	Comb chloris	LC	Native		
Poaceae	*Chloris truncata*	Tall chloris	LC	Native		
Poaceae	*Chloris ventricosa*	Tall chloris	LC	Native		
Poaceae	*Cymbopogon refractus*	Barbed-wire grass	LC	Native		
Poaceae	*Cynodon dactylon*	Couch		Non-native		
Poaceae	*Dicanthium sp.*	Bluestem		Native		
Poaceae	*Dichanthium sericeum*	Blue grass	LC	Native		
Poaceae	*Digitaria brownii*		LC	Native		
Poaceae	*Digitaria divaricatissima*	Spreading umbrella grass	LC	Native		
Poaceae	*Digitaria parviflora*	Digitaria	LC	Native		
Poaceae	*Digitaria porrecta*	Finger Panic	NT	Native		
Poaceae	*Digitaria sp.*	grass		Native		
Poaceae	*Enneapogon species (NFM)*		LC	Native		
Poaceae	*Entolasia stricta*	Wiry panic	LC	Native		
Poaceae	*Eragrostis brownii*	Brown's lovegrass	LC	Native		
Poaceae	*Eragrostis cilianensis*	Stink grass		Non-native		

Family	Species name	Common name	Conservation status (NC Act)	Native/ non-native	Restricted matter	WoNS
Poaceae	*Eragrostis elongata*		LC	Native		
Poaceae	*Eragrostis lacunaria*	Purple lovegrass	LC	Native		
Poaceae	*Eragrostis sororia*		LC	Native		
Poaceae	*Eragrostis species*		LC	Native		
Poaceae	*Eragrostis tenuifolia*	Elastic grass		Non-native		
Poaceae	*Eriachne glabrata*		LC	Native		
Poaceae	*Heteropogon contortus*	Black speargrass	LC	Native		
Poaceae	*Imperata cylindrica*	Blady grass	LC	Native		
Poaceae	*Megathyrsus maximus*	Green panic		Non-native		
Poaceae	*Melinis repens*	Red natal grass		Non-native		
Poaceae	*Panicum decompositum*	Inquisitive grass	LC	Native		
Poaceae	*Panicum effusum*	Panic grass	LC	Native		
Poaceae	*Panicum queenslandicum*	Queensland Panic	LC	Native		
Poaceae	*Panicum simile*	Small panic	LC	Native		
Poaceae	*Panicum species*		LC	Native		
Poaceae	*Paspalidium distans*	Shotgrass	LC	Native		
Poaceae	*Paspalidium globoideum*	Paspilidium	LC	Native		
Poaceae	*Paspalum dilatatum*	Paspalum		Non-native		
Poaceae	*Paspalum species*		LC	Native		
Poaceae	*Pennisetum villosum*	Feather top grass		Non-native		
Poaceae	*Setaria sphacelata*			Non-native		
Poaceae	*Sorghum halepense*	Johnson grass		Non-native		
Poaceae	*Sorghum leiocladum*	Wild sorghum	LC	Native		
Poaceae	*Sporobolus africanus*	Giant Parramatta grass		Non-native	Category 3	
Poaceae	*Sporobolus creber*	Native rats-tail grass		Non-native	Category 3	
Poaceae	*Themeda triandra*	Kangaroo grass	LC	Native		
Poaceae	*Urochloa mosambicensis*	Sabi grass		Non-native		
Polygonaceae	*Emex australis*			Non-native		
Portulacaceae	*Portulaca pilosa*	Pink pigweed		Non-native		
Proteaceae	*Grevillea banksii*		LC	Native		

Family	Species name	Common name	Conservation status (NC Act)	Native/ non-native	Restricted matter	WoNS
Proteaceae	*Grevillea robusta*		LC	Native		
Proteaceae	*Helica glabriflora*	Pale oak	LC	Native		
Proteaceae	*Persoonia sericea*	Silky geebung	LC	Native		
Proteaceae	*Xylomelum benthamii*		LC	Native		
Pteridaceae	*Adiantum sp.*	Maidenhair fern	LC	Native		
Ranunculaceae	*Ranunculus lappaceus*	Common buttercup	LC	Native		
Ranunculaceae	*Ranunculus species*		LC	Native		
Rhamnaceae	*Alphitonia excelsa*	Red ash	LC	Native		
Rosaceae	*Prunis persica*	Peach tree		Non-native		
Rosaceae	*Prunus sp.*	Stonefruit		Non-native		
Rosaceae	*Rubus anglocandicans*	Blackberry		Non-native	Category 3	Yes
Rosaceae	*Rubus parvifolius*	Pink-flowered native raspberry	LC	Native		
Rubiaceae	*Everistia vacciniifolia var. vacciniifolia*		LC	Native		
Rubiaceae	*Psydrax odorata*		LC	Native		
Rutaceae	*Flindersia collina*	Broad-leaved leopard tree	LC	Native		
Santalaceae	*Exocarpos cupressiformis*	Native cherry	LC	Native		
Santalaceae	*Santalum lanceolatum*	Sandalwood	LC	Native		
Sapindaceae	*Alectryon diversifolius*	Scrub boonaree	LC	Native		
Sapindaceae	*Alectryon oleifolius*	Boonaree	LC	Native		
Sapindaceae	*Cupaniopsis parvifolia*	Small-leaved tuckeroo	LC	Native		
Sapindaceae	*Dodonaea viscosa*	Hop bush	LC	Native		
Sapindaceae	*Elattostachys xylocarpa*	White tamarind	LC	Native		
Sapindaceae	*Harpullia pendula*	Tulipwood	LC	Native		
Scrophulariaceae	*Eremophila debilis*	Winter apple	LC	Native		
Smilacaceae	*Smilax australis*	Barbed-wire vine	LC	Native		
Solanaceae	*Cestrum parqui*	Green cestrum		Non-native		
Solanaceae	*Lycium ferocissimum*	African boxthorn		Non-native	Category 3	Yes
Solanaceae	*Solanum mauritianum*	Wild tobacco		Non-native		
Sparrmanniaceae	*Grewia latifolia*	Dysentery plant	LC	Native		
Sterculiaceae	*Brachychiton populneus*	Kurrajong	SLC	Native		

Family	Species name	Common name	Conservation status (NC Act)	Native/ non-native	Restricted matter	WoNS
Thymelaeaceae	*Pimelea linifolia*		LC	Native		
Thymelaeaceae	*Pimelea neoanglica*	Poison pimelea	LC	Native		
Ulmaceae	*Celtis sinensis*	Chinese celtis		Non-native	Category 3	
Ulmaceae	*Trema tomentosa*		LC	Native		
Verbenacea	*Lantana camara*	Lantana		Non-native	Category 3	Yes
Verbenaceae	*Glandularia aristigera*	Mayne's pest		Non-native		
Verbenaceae	*Lantana montevidensis*	Creeping lantana		Non-native	Category 3	
Verbenaceae	*Verbena bonariensis*			Non-native		
Verbenaceae	*Verbena litoralis*	Verbena		Non-native		
Verbenaceae	*Verbena species*		LC	Native		
Violaceae	*Viola betonicifolia*		LC	Native		
Zygophyllaceae	*Tribulus terrestris*	Caltrop	LC	Native		
Zygophyllaceae	*Zygophyllum apiculatum*	Gall weed	LC	Native		

Table notes:

LC = Least concern, SLC = Special least concern, NT = Near threatened, V = Vulnerable, - = Species not listed

*Species listed as threatened under the EPBC Act that were recorded in the ecology study area are discussed in *Appendix J: Matters of National Environmental Significance* of the Environmental Impact Statement (EIS) and are not discussed in this report.

APPENDIX

I

Terrestrial and Aquatic Ecology

Appendix F Fauna species list

GOWRIE TO HELIDON ENVIRONMENTAL IMPACT STATEMENT

Appendix F
Fauna Species List

Family	Species name	Common name	NC Act status	EPBC Act status	Native/ non-native	Restricted matter
Acanthizidae	*Acanthiza chrysorrhoa*	Yellow-rumped thornbill	LC		Native	
Acanthizidae	*Acanthiza lineata*	Striated thornbill	LC		Native	
Acanthizidae	*Gerygone olivacea*	white-throated gerygone	LC		Native	
Acanthizidae	*Smicrornis brevirostris*	Weebill	LC		Native	
Accipitridae	*Aquila audax*	Wedge-tailed eagle	LC		Native	
Accipitridae	*Haliastur sphenurus*	Whistling kite	LC		Native	
Accipitridae	*Milvus migrans*	Black kite	LC		Native	
Agamidae	*Intellagama lesueurii*	eastern water dragon	LC		Native	
Agamidae	*Pogona barbata*	Bearded dragon	LC		Native	
Ardeidae	*Egretta novaehollandiae*	white-faced heron	LC		Native	
Artamidae	*Artamus personatus*	Masked woodswallow	LC		Native	
Artamidae	*Cracticus nigrogularis*	Pied butcherbird	LC		Native	
Artamidae	*Cracticus tibicen*	Australian magpie	LC		Native	
Artamidae	*Cracticus torquatus*	Grey butcherbird	LC		Native	
Artamidae	*Strepera graculina graculina*	Pied currawong (eastern Australia)	LC		Native	
Boidae	*Morelia spilota*	Carpet python	LC		Native	
Bufonidae	*Rhinella marina*	cane toad			Non-native	
Cacatuidae	*Cacatua galerita*	Sulphur-crested cockatoo	LC		Native	
Cacatuidae	*Cacatua sanguinea*	little corella	LC		Native	
Cacatuidae	*Calyptorhynchus funereus*	Yellow-tailed black-cockatoo	LC		Native	
Cacatuidae	*Eolophus roseicapilla*	Galah	LC		Native	
Cacatuidae	*Nymphicus hollandicus*	Cockatiel	LC		Native	
Campephagidae	*Coracina novaehollandiae*	Black-faced cuckoo-shrike	LC		Native	
Charadriidae	*Vanellus miles*	Masked lapwing	LC		Native	
Chelidae	*Emydura macquarii macquarii*	Murray turtle	LC		Native	
Climacteridae	*Cormobates leucophaea*	White-throated treecreeper	LC		Native	
Columbidae	*Geopelia humeralis*	Bar-shouldered dove	LC		Native	
Columbidae	*Geopelia striata*	Peaceful dove	LC		Native	
Columbidae	*Macropygia amboinensis*	Brown cuckoo-dove	LC		Native	
Columbidae	*Ocyphaps lophotes*	Crested pigeon	LC		Native	
Columbidae	*Phaps chalcoptera*	Common bronzewing	LC		Native	

Family	Species name	Common name	NC Act status	EPBC Act status	Native/ non-native	Restricted matter
Corvidae	*Corvus orru*	Torresian crow	LC		Native	
Cuculidae	*Cacomantis flabelliformis*	Fan-tailed cuckoo	LC		Native	
Cuculidae	*Centropus phasianinus*	Pheasant coucal	LC		Native	
Cuculidae	*Chalcites lucidus*	Shining bronze-cuckoo	LC		Native	
Elapidae	*Pseudonaja textilis*	Eastern brown snake	LC		Native	
Emballonuridae	*Saccolaimus flaviventris*	Yellow-bellied sheath-tailed bat	LC		Native	
Estrildidae	*Neochmia temporalis*	Red-browed finch	LC		Native	
Estrildidae	*Taeniopygia guttata*	Zebra finch	LC		Native	
Estrildidae	*Taenopygia bichenovii*	Double-barred finch	LC		Native	
Halcyonidae	*Dacelo novaeguineae*	Laughing kookaburra	LC		Native	
Halcyonidae	*Todiramphus pyrrhopygius*	Red-backed kingfisher	LC		Native	
Halcyonidae	*Todiramphus sanctus*	Sacred kingfisher	LC		Native	
Hirundinidae	*Hirundo neoxena*	Welcome swallow	LC		Native	
Leporidae	*Oryctolagus cuniculus*	European rabbit			Non-native	Category 2
Macropodidae	*Macropus rufogriseus*	red-necked wallaby	LC		Native	
Maluridae	*Malurus cyaneus*	Superb fairy-wren	LC		Native	
Maluridae	*Malurus lamberti*	Variegated fairy-wren	LC		Native	
Maluridae	*Malurus melanocephalus*	Red-backed fairy-wren	LC		Native	
Megapodiidae	*Alectura lathami*	Australian brush-turkey	LC		Native	
Meliphagidae	*Acanthagenys rufogularis*	Spiny-cheeked honeyeater	LC		Native	
Meliphagidae	*Gavicalis virescens*	Singing honeyeater	LC		Native	
Meliphagidae	*Lichmera indistincta*	Brown honeyeater	LC		Native	
Meliphagidae	*Manorina melanocephala*	Noisy miner	LC		Native	
Meliphagidae	*Meliphaga lewinii*	Lewin's honeyeater	LC		Native	
Meliphagidae	*Philemon corniculatus*	Noisy friarbird	LC		Native	
Meliphagidae	*Phylidonyris niger*	White-cheeked honeyeater	LC		Native	
Meliphagidae	*Ptilotula fusca*	Fuscous honeyeater	LC		Native	
Meropidae	*Merops ornatus*	Rainbow bee-eater	LC		Native	
Miniopteridae	*Miniopterus australis*	Little bentwing bat	LC		Native	
Miniopteridae	*Miniopterus schreibersii oceanensis*	Large Bent-winged Bat	LC		Native	
Molossidae	*Austronomus australis*	White-striped free-tailed bat	LC		Native	
Molossidae	*Ozimops petersi*		LC		Native	
Molossidae	*Ozimops ridei*	Eastern freetail bat	LC		Native	
Monarchidae	*Grallina cyanoleuca*	Magpie-lark	LC		Native	
Monarchidae	*Myiagra cyanoleuca*	Satin flycatcher	SLC	M	Native	

Family	Species name	Common name	NC Act status	EPBC Act status	Native/ non-native	Restricted matter
Monarchidae	*Myiagra inquieta*	Restless flycatcher	LC		Native	
Monarchidae	*Myiagra rubecula*	Leaden flycatcher	LC		Native	
Monarchidae	*Symposiachrus trivirgatus*	Spectacled monarch	SLC	M	Native	
Ornithorhynchidae	*Ornithorhynchus anatinus*	Platypus	SLC		Native	
Pachycephalidae	*Colluricincla harmonica*	Grey shrike-thrush	LC		Native	
Pachycephalidae	*Colluricincla megarhyncha*	Little shrike-thrush	LC		Native	
Pachycephalidae	*Pachycephala pectoralis*	Golden whistler	LC		Native	
Pachycephalidae	*Pachycephala rufiventris*	Rufous whistler	LC		Native	
Pardalotidae	*Pardalotus punctatus*	Spotted pardalote	LC		Native	
Pardalotidae	*Pardalotus striatus*	Striated pardalote	LC		Native	
Petroicidae	*Eopsaltria australis*	Eastern yellow robin	LC		Native	
Phalacrocoracidae	*Phalacrocorax sulcirostris*	little black cormorant	LC		Native	
Phalacrocoracidae	*Phalacrocorax varius*	pied cormorant	LC		Native	
Phalangeridae	*Trichosurus vulpecula*	Common brushtail possum	LC		Native	
Phascolarctidae	*Phascolarctos cinereus*	Koala	V	V	Native	
Podargidae	*Podargus strigoides*	Tawny frogmouth	LC		Native	
Psittacidae	*Parvipsitta pusilla*	Little lorikeet	LC		Native	
Psittacidae	*Platycercus adscitus*	Pale-headed rosella	LC		Native	
Psittacidae	*Trichoglossus haematodus moluccanus*	Rainbow lorikeet	LC		Native	
Psophodidae	*Psophodes olivaceus*	Eastern whipbird	LC		Native	
Pygopodidae	*Delma torquata*	Collared delma	V	V	Native	
Rallidae	*Porphyrio melanotus*	purple swamphen	LC		Native	
Rhipiduridae	*Rhipidura albiscapa*	Grey fantail	LC		Native	
Rhipiduridae	*Rhipidura leucophrys*	Willie wagtail	LC		Native	
Scincidae	*Ctenotus eurydice*	brown-backed yellow-lined ctenotus	LC		Native	
Sturnidae	*Acridotheres tristis*	Common myna			Non-native	
Tachyglossidae	*Tachyglossus aculeatus*	Short-beaked echidna	SLC		Native	
Threskiornithidae	*Threskiornis spinicollis*	straw-necked ibis	LC		Native	
Timaliidae	*Zosterops lateralis cornwalli*	Silvereye (eastern)	LC		Native	
Varanidae	*Varanus varius*	Lace monitor	LC		Native	
Vespertilionidae	*Chalinolobus gouldii*	Gould's wattled bat	LC		Native	
Vespertilionidae	*Myotis macropus*	Large-footed myotis	LC		Native	
Vespertilionidae	*Nyctophilus sp*	Long-eared bat species			Native	

Family	Species name	Common name	NC Act status	EPBC Act status	Native/ non-native	Restricted matter
Vespertilionidae	*Scotorepens greyii/sp.*	Broad-nosed bat species			Native	
Vespertilionidae	*Vespadelus troughtoni*	Eastern cave bat	LC		Native	
Vespertilionidae	*Vespedelus darlingtoni*	Large forest bat	LC		Native	

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