

CrossRiver*Rail*



Appendix G Nature Conservation

Cross River Rail

APPENDIX G

Nature Conservation

JULY 2011

Appendix G-1 Legislative context

The legislation associated with the natural values located within the study corridor is outlined below. All works associated with the Project must comply with the legislation unless a specific exemption has been provided.

Environment Protection and Biodiversity Conservation Act 1999 (Commonwealth)

The EPBC Act prescribes that any action which will impact, or may have a significant impact on a matter on National Environmental Significance (NES), or any other matter protected under the Act, such as Commonwealth land, requires assessment by the Commonwealth Government.

The EPBC Protected Matter Search Report identifies the following matters of NES as possible triggers for Commonwealth assessment and approval for the Project:

- National Heritage places (Sections 15B and 15C)
- wetlands of international importance (Sections 16 and 17B)
- listed threatened species and communities (Sections 18 and 18A)
- listed migratory species (Sections 20 and 20A)

Other triggers under the EPBC Act, such as the potential to impact on Commonwealth land, are addressed in other technical reports within this EIS as are matters such as greenhouse gases and climate change.

A referral under the EPBC Act was made for the Project in April 2010, with further information provided to Department of Water, Environment, Heritage and the Arts (DEWHA) (now Department of Sustainability, Environment, Water, Population and Communities (DSEWPC)) on the station locations in the CBD and the distance of these stations from any Commonwealth heritage buildings. Information was also sought, and provided, in relation to the location of spoil placement sites in relation to matters of national environmental significance, specifically the Ramsar wetlands in Moreton Bay.

The Project was assessed by DEWHA and the Environment Minister has determined that the proposed action is not a “controlled action”, provided it is taken in accordance with the manner described in the original referral. This means that, provided the action is undertaken in that way, it does not require further assessment and approval under the EPBC Act.

In addition to the EPBC Act, the Commonwealth Government has also entered into a number of bilateral migratory bird agreements, including:

- agreement between the Government of Australia and the Government of the People’s Republic of China for the Protection of Migratory Birds and their Environment (CAMBA), signed 1986
- agreement between the Government of Australia and the Government of Japan for the Protection of Migratory Birds in Danger of Extinction and their Environment (JAMBA), signed 1974
- agreement between the Government of Australia and the Government of the Republic of Korea on the Protection of Migratory Birds (ROKAMBA), signed 2007.

Each of the above agreements provide for the protection of migratory birds from being taken out of the wild, or traded except under limited circumstances, the conservation of important habitats, the exchange of information, and building cooperative relationships.

The Commonwealth Government has also signed the Convention on the Conservation of Migratory Species of Wild Animals (Bonn Convention). This also protects a wide range of migratory species, not limited to birds, under an international agreement. Therefore all migratory species need to be protected from the adverse impacts of development under both international agreements and Commonwealth legislation.

South East Queensland Regional Plan 2009–2031 (South East Queensland)

The overall purpose of the South East Queensland Regional Plan 2009–2031 (SEQ Regional Plan) is “to manage regional growth and change in the most sustainable way to protect and enhance quality of life in the region”. The SEQ Regional Plan takes priority over all other planning instruments for the South East Queensland Region. Where there is “any inconsistency with any other plan, policy or code, including any other planning instrument made under state legislation that has effect within the SEQ region” the SEQ Regional Plan will prevail.

The Natural Environment Desired Regional Outcome (DRO) from the SEQ Regional Plan which applies to the protection of nature conservation values within the study corridor states that:

A healthy and resilient natural environment is protected, maintained and restored to sustainably support the region’s rich biodiversity and ecosystem services including clean air and water, outdoor lifestyles and other community needs that critically underpin economic and social development.

The Natural Environment DRO provides four separate principles with their associated policies and programs; Biodiversity, Koala Conservation, Air and Noise, and Managing the Coast. Of these only the Biodiversity principle is relevant to this chapter. The nature conservation values of the study corridor are not affected by the other DRO’s. The air quality and noise issues associated with the Project will be addressed in a separate chapter of this EIS. Note that the Project is not located within a coastal area and koala conservation is not an issue within the study corridor.

The Biodiversity principle is to:

Protect, manage and enhance the region’s biodiversity values and associated ecosystem services and maximise the resilience of ecosystems to the impacts of climate change

The policies and programs associated with this principle relative to CRR are provided in **Table G-1-1**. The policies have a legislative basis and must be complied with, while the programs are recommended actions only.

Table G-1-1 SEQ Regional Plan Nature Conservation (Biodiversity) policies and programs relevant to CRR

Policies	Programs
<p>2.1.2 Avoid or minimise impacts on areas with significant biodiversity values in the Urban Footprint or Rural Living Area, including Biodiversity corridors.</p> <p>2.1.3 Avoid offsite impacts from development or other activities on adjacent areas with significant biodiversity values.</p> <p>2.1.4 Where impacts on areas with significant biodiversity values cannot be avoided, offset impacts in accordance with the principles of the Queensland Government Environmental Offsets Policy and relevant specific issue offset policies.</p> <p>2.1.5 Within biodiversity networks, protect significant biodiversity values, improve ecological connectivity, enhance habitat extent and condition, and rehabilitate degraded areas.</p> <p>2.1.6 Optimise biodiversity conservation outcomes by locating environmental and carbon offsets within identified biodiversity networks and other suitable areas, giving a high priority to the protection or rehabilitation of significant biodiversity values.</p>	<p>2.1.7 In partnership with private and public landholders, identify and manage regional and local biodiversity networks, including areas with existing values and areas suitable for rehabilitation as habitat or biodiversity corridors.</p> <p>2.1.10 In consultation with governments, industry and the community, develop and implement a regional environmental offsets framework to coordinate state and local offset policies and programs.</p>

Source: SEQ Regional Plan p.48.

The Project is to be consistent with the overall outcomes of the SEQ Regional Plan. The project is also required to comply with the Natural Environment DRO and the associated biodiversity policies listed above, and not compromise the government’s associated planned programs.

Sustainable Planning Act 2009 (Queensland)

The *Sustainable Planning Act 2009* (SPA) is Queensland’s principal planning legislation and seeks to achieve ecologically sustainable development. The SPA sets out the framework in which development made assessable under the Act is to be undertaken and emphasises the coordination and integration of planning at the state, regional and local levels. The SPA repeals the *Integrated Planning Act 1997* and seeks to deliver a contemporary planning, development and building system to facilitate improved sustainable development outcomes.

Development that is prescribed by the State in Schedule 3, or by local government through a planning scheme as assessable development, requires an application for development approval under the SPA. Where development listed under Schedule 3 has triggered an Integrated Development Assessment System (IDAS) development approval would be required.

Under the *Sustainable Planning Regulation 2009*, Schedule 4, Table 5, Item 8, all aspects of development for the maintenance, repair, upgrading, augmentation or duplication of rail transport infrastructure cannot be made assessable under a local government planning scheme.

It should be noted that this exemption does not negate the requirement to obtain approvals for assessable development that is identified under Schedule 3 of the *Sustainable Planning Regulation 2009*, for example, works in a watercourse, the removal of native vegetation, and the undertaking of Environmentally Relevant Activities (ERAs).

Nature Conservation Act 1992 (Queensland)

The NC Act and the *Nature Conservation (Wildlife) Regulation 2006* aim to conserve nature in Queensland through the conservation and management of protected areas, reserves and native wildlife including endangered, vulnerable, rare and near threatened species. All native vertebrates and a selection of native invertebrates are protected under Section 71 of the Act. Additionally, the *Nature Conservation (Protected Plants) Conservation Plan 2000* (NC Protected Plants Plan) applies to the clearing of protected plants in the wild. All native plants in Queensland are protected plants.

It should be noted however, that one intent of the NC Act as stated in Section 73 is “to ensure the survival and natural development of the wildlife in the wild”, where “in the wild” is defined as, “in relation to wildlife, means in an independent state of natural liberty”. Therefore any rare or threatened specimen located in an urban area which has been intentionally planted by people is not covered by the NC Act. Consequently it is unlikely that an Offset would be required under the draft *Policy for Biodiversity Offsets*.

Should the Project result in interference with an animal or plant that is protected under the provisions of the NC Act then a permit would be required in accordance with Section 89 of the Act. In relation to “Least Concern” plants and animal breeding places Queensland Rail (QR) has an exemption in place granted by the Chief Executive, Department of Environment and Resource Management, April 2010. In addition to this exemption, QR also has provisions under the *Electrical Safety Act 2002* for clearing of vegetation that has the potential to impact on the safe operation of electrified rail systems.

Land Protection (Pest and Stock Route Management) Act 2002 (Queensland)

The *Land Protection (Pest and Stock Route Management) Act 2002* (LP Act) and the *Land Protection (Pest and Stock Route Management) Regulation 2003* govern pest management of both flora and fauna in Queensland. The LP Act identifies and classifies pests into three classes, and sets out requirements for their management. These classes are:

- **Class 1** – Class 1 pests established in Queensland are subject to eradication from the State. All landholders are required by law to keep their land free of Class 1 pests. It is a serious offence to introduce, keep or sell Class 1 pests without a permit.
- **Class 2** – Management of Class 2 pests requires coordination and they are subject to programs led by local government, community or landowners. All landholders are required by law to keep their land free of Class 2 pests. It is a serious offence to introduce, keep or sell Class 2 pests without a permit.
- **Class 3** – Landholders are not required to control Class 3 plants unless their land is adjacent to an environmental significant area. The main aim of the Class 3 listing is to prevent sale, therefore preventing the spread of these pests into new areas. It is a serious offence to supply a Class 3 pest without a permit (QPIF 2008).

Where declared pests are encountered during the construction of the Project they are to be managed in accordance with the management requirements set out in the LP Act.

Vegetation Management Act 1999 (Queensland)

The *Vegetation Management Act 1999* (VM Act) and the associated *Vegetation Management Regulation 2000* aim to conserve remnant native vegetation (Regional Ecosystems) and regulate the clearing of mapped remnant vegetation on freehold and leasehold land in Queensland. The legislation also protects native woody vegetation on State lands.

The VM Act is supported by the *Regional Vegetation Management Code for South East Queensland Bioregion* (the Code) and the *Policy for Vegetation Offsets*. The Code regulates the clearing of vegetation in a way that conserves remnant regional ecosystems, does not cause land degradation, prevents the loss of regional biodiversity and maintains ecological processes.

Should the Project require the removal of Regional Ecosystems or native vegetation on State Land including leases, roads and reserves, a permit to clear vegetation would be required. This is irrespective of whether the vegetation is shown as remnant on the Regional Ecosystem maps, except where the activity is listed under Schedule 3, Part 1 of the *Sustainable Planning Regulation 2009*, as defined by Department of Environment and Resource Management under the VM Act. Approval would be required in the form of a development permit under the *Sustainable Planning Act 2009* (SPA).

In addition to acquiring a permit to clear under the VM Act, the Project may also need to provide an offset for any native vegetation cleared to achieve approval under the *Policy for Vegetation Management Offsets* (2007). A vegetation management offset is a legal arrangement or agreement that, over time, guarantees to maintain the extent, structure and function of:

- regional ecosystems
- essential habitat
- vegetation associated with
 - watercourses
 - natural wetlands
 - natural significant wetlands.

However it is unlikely that any of the above listed environments would be significantly affected by the Project, as the Project's works would predominantly occur within the existing rail alignment or in an underground tunnel in a highly urbanised area. Therefore it is highly unlikely that the Project would be required to provide any offsets.

Regrowth Vegetation Code (Queensland)

The *Regrowth Vegetation Code* came into effect on the 8 October 2009 and is part of the vegetation management framework under the VM Act, and has legislative force under the VM Act. The code is designed to protect high value regrowth vegetation in Queensland in rural areas. Under the code high value regrowth vegetation is defined as "*mature native vegetation that hasn't been cleared since 31 December 1989*".

There are no rural areas of high value regrowth vegetation identified or mapped within the study corridor. Therefore the Regrowth Vegetation Code would not apply to the Project.

Fisheries Act 1994 (Queensland)

The *Fisheries Act 1994* and the *Fisheries Regulation 1995* (Fisheries Regulation) govern both commercial and recreational fishing activities and provide for the management, use, development and protection of fisheries resources and fish habitats, and the management of aquaculture activities. The Act applies to:

- removal, damage or disturbance to marine plants, including mangroves
- works in a declared fish habitat
- waterway barrier works

Additionally, under Section 125 of the *Fisheries Act 1994*, all State waters are protected against degradation. Should any polluting matter on land or water appear to Queensland Primary Industries and Fisheries (QPIF) (within Department of Employment, Economic Development and Innovation (DEEDI)) to be adversely affecting fisheries resources or fish habitats, then QPIF may direct the works to cease and direct remediation to be carried out.

Under the Schedule 3 of the *Sustainable Planning Regulation 2009* the following works, that impact on fisheries resources as defined under the *Fisheries Act 1994*, are considered assessable development:

- building works and operational works in a Fish Habitat Area (table 1, item 2 and table 4, item 7)
- operational works involving the construction or raising of waterway barrier works (table 4, item 6)
- operational works involving the removal, destruction and/or damage to marine plants (table 4, item 8)

The proposed project does not involve building works and operational works within a Fish Habitat Area or the destruction and/or damage to marine plants, however it is recognised that this may change during the detailed design phase. If the above building or operational works are required, approvals are likely to be required from DEEDI in accordance with the *Mitigation and Compensation for Works or Activities Causing Marine Fish Habitat Loss*.

Water Act 2000 (Queensland)

The *Water Act 2000* provides a legislative basis for the sustainable planning of non-tidal waters. Under IDAS, certain water related development, such as taking from or interfering with a watercourse or artesian water, is assessable under the Act and requires assessment and approval under SPA, in the form of a Development Permit.

Schedule 3, Part 1, Table 4, Item 3 of the *Sustainable Planning Regulation 2009* specifies that operational works for the purpose of taking or interfering with water under the *Water Act 2000* is assessable development. This principally applies to watercourses (ie rivers, creeks, or streams where water flows permanently or intermittently in a natural or artificial channel), lakes, and springs. In some circumstances it may also apply to overland flow water.

In addition to the approvals triggered under Schedule 3 SPA, the *Water Act 2000* also regulates the undertaking of works that involve the removal of vegetation, excavating or placing fill in a watercourse, lake or spring. Under the *Water Act*, a proponent must obtain a Riverine Protection Permit in order to lawfully undertake these works. These works are permitted if they are undertaken by an approved entity and carried out in accordance with the Guideline for Activities in a Watercourse, Lake or Spring (the Guideline). A government department is an approved entity, and therefore QR is required to undertake works in accordance with the Guideline, but without the need for approval.

Environmental Protection Act 1994 (Queensland)

The *Environmental Protection Act 1994* (EP Act) and the *Environmental Protection Regulation 2008* (EP Reg) provide a framework for managing Queensland's environment within the principles of ecologically sustainable development. The EP Act outlines the responsibility and the duty of care all persons have to the environment and the scope and content for preparing environmental protection policies.

Regulatory controls imposed by the EP Act include licensing and approval systems, management mechanisms (such as audits, environmental management plans and compliance strategies) and project decommissioning regulations. The EP Act provides for the licensing of Environmental Relevant Activities (ERAs) as defined under the Act including activities that may cause environmental harm by the generation of emissions or through carrying out the activity, cause contamination or are listed as 'other notifiable activities' under Schedule 3 of the EP Act.

Depending on the construction methodology, ERAs and/or notifiable activities may need to be carried out during the construction or operation of the Project. If required, a development application would need to be submitted at that time.

Plant Protection Act 1989 (Queensland)

The *Plant Protection Act 1989* and the associated *Plant Protection Regulation 2002* govern the prevention, control and removal of plant pest infestation in Queensland. The Act and Regulation also assist other jurisdictions prevent, control or remove plant pests, diseases, pest infestations, infections or conditions. The Act also plays a role in facilitating the movement of plants into and out of Queensland.

The main section of the *Plant Protection Regulation 2002* relevant to the Project is the control of the Red Imported Fire Ant (RIFA). RIFA are a notifiable pest under the *Plant Protection Act 1989* and landholders who may have RIFA on their property are legally obliged to inform the DPIF of the infestation. Additionally any works undertaken in areas which are known to be infested would require an approved RIFA Risk Management Plan.

Koala State Planning Regulatory Provisions (South East Queensland)

The Department of Infrastructure and Planning (DIP) and DERM have prepared new Koala State planning instruments in line with Koala conservation policies under the SEQ Regional Plan. These are:

- South East Queensland Koala Conservation State Planning Regulatory Provision December 2009
- South East Queensland Koala Conservation State Planning Policy December 2009

These instruments took effect on the 31 May 2010.

There are no mapped koala areas within the study corridor, therefore the State Planning Policy and associated Regulatory Provisions do not apply to the Project.

City Plan 2000 (Brisbane City Council)

The *Brisbane City Plan 2000* establishes a framework for managing the process by which development occurs in the Brisbane local government area.

The City Plan provides a framework for development assessment that establishes the type of assessment process required for different forms of development in different locations and provides standards of performance that should apply to them.

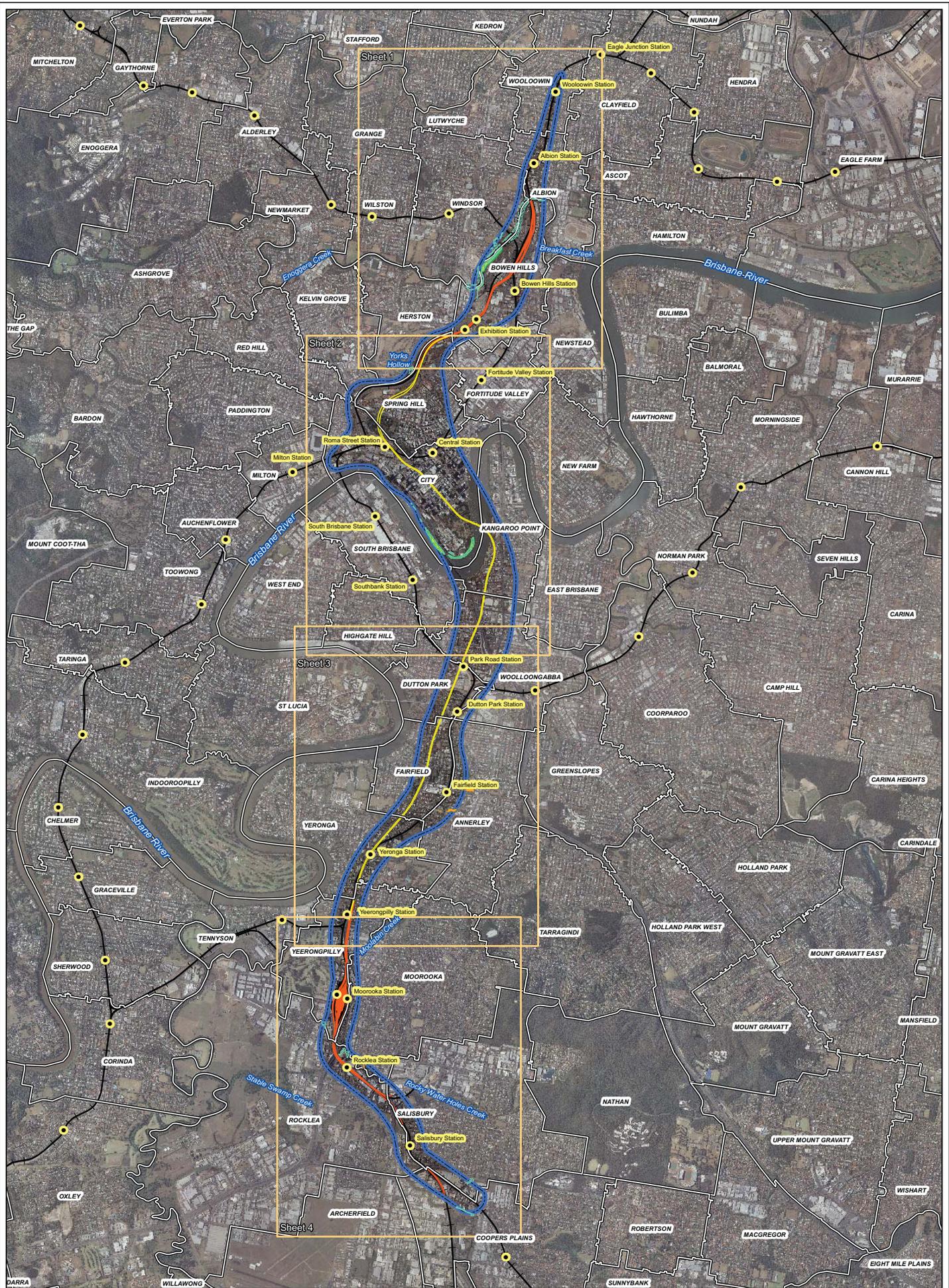
The key component of the *City Plan 2000* which applies to the conservation of nature within the study corridor is the *Natural Assets Planning Scheme Policy*. This Policy is designed to protect and manage Brisbane's natural assets, to provide information for the management of Significant Fauna and Flora Species and Significant Vegetation Communities, and to maintain the amenity and other values that significant landscape trees provide in the City.

Natural Assets Local Law 2003 (Brisbane City Council)

The *Natural Assets Local Law 2003* (NALL) is an additional legislative tool which aims to protect and manage the biodiversity values of the city including flora and fauna within the Brisbane City Council Area. NALL defines seven categories of protected vegetation, including Council Controlled Vegetation (CCV), Vegetation Protection Order (VPO), Significant Native Vegetation (SNV), Valued Urban Vegetation (VUV), Waterway Vegetation (WAV), Wetland Vegetation (WEV) and Significant Landscape Trees (SLT). The presence of these areas within the study corridor is shown in **Figure 11-6 to Figure 11-9 in Chapter 11 Nature Conservation.**

As the Project has the potential to impact on some of these protected vegetation areas (refer to **Section 11.3 and 11.2.1**), the local law would need to be taken into consideration. However if the area is protected by a State or Commonwealth law or regulation the higher level of legislation may take precedence over a local law. However a local law permit may still be required under the NALL.

Appendix G-2 Brisbane City Council Locally Mapped Features



CROSS RIVER RAIL ENVIRONMENTAL IMPACT STATEMENT

Brisbane City Council - Locally Mapped Features Overall

LEGEND

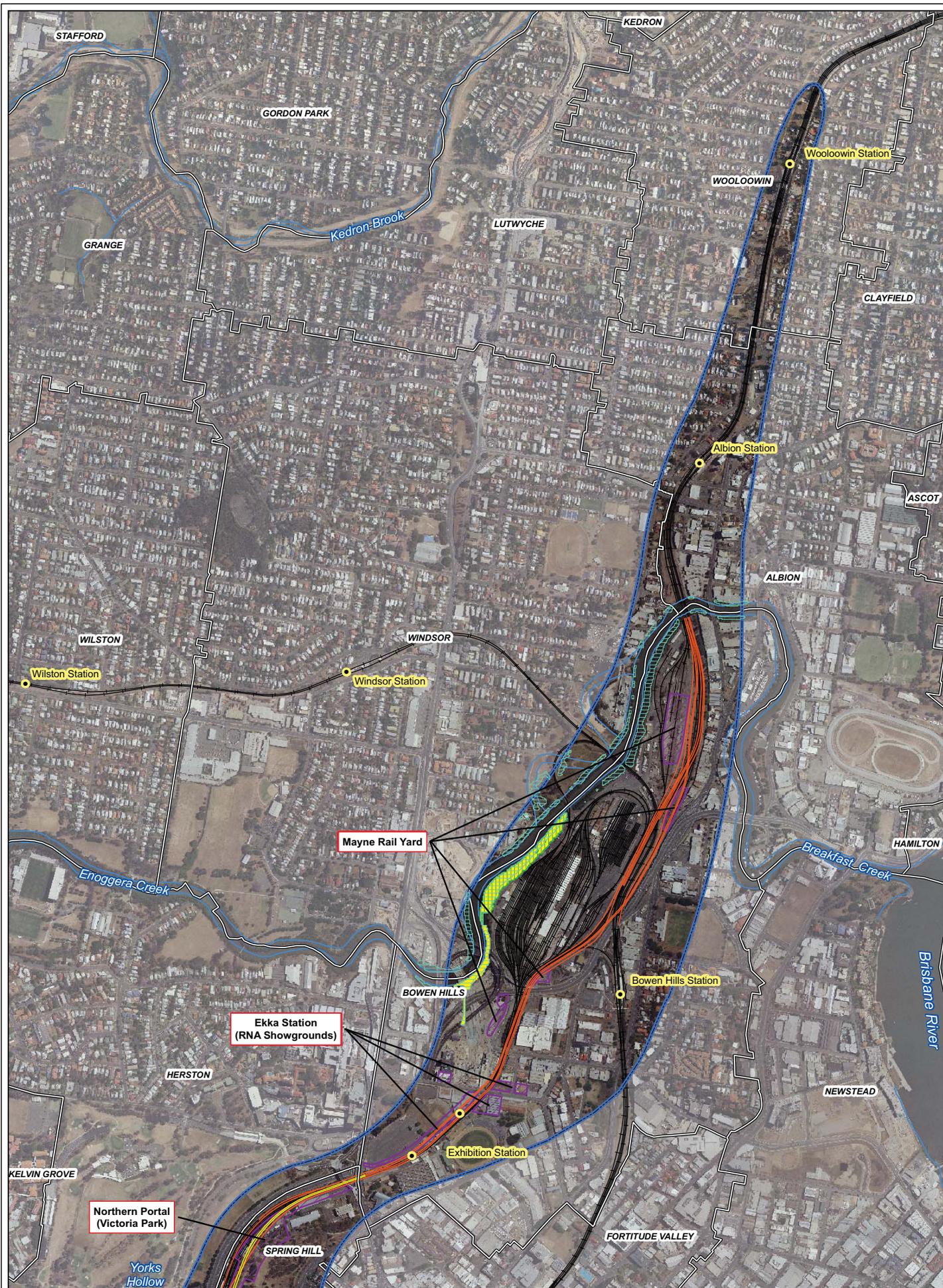
Study Corridor	CP Wetland	Alignment
Suburbs	Common Nature Conservation Classification System	Above Ground
Station	BCC Regional Ecosystems	Underground
Track	Remnant Vegetation	
	Not of Concern - Vegetation	

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CrossRiverRail

SKM aurecon

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LEGEND

Study Corridor	CP Wetland	Underground Station
Suburbs	Common Nature Conservation Classification System	Alignment
Station	BCC Regional Ecosystems	Above Ground
Track	Remnant Vegetation	Underground
Watercourse	Not of Concern - Vegetation	Worksite

CROSS RIVER RAIL
ENVIRONMENTAL IMPACT STATEMENT

Brisbane City Council - Locally Mapped Features
Sheet 1 of 4

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CrossRiverRail

SKM aurecon
CORPORATE PARTNER



LEGEND

Study Corridor	CP Wetland	Underground Station
Suburbs	Common Nature Conservation Classification System	Alignment
Station	BCC Regional Ecosystems	Above Ground
Track	Remnant Vegetation	Underground
Watercourse	Not of Concern - Vegetation	Worksite

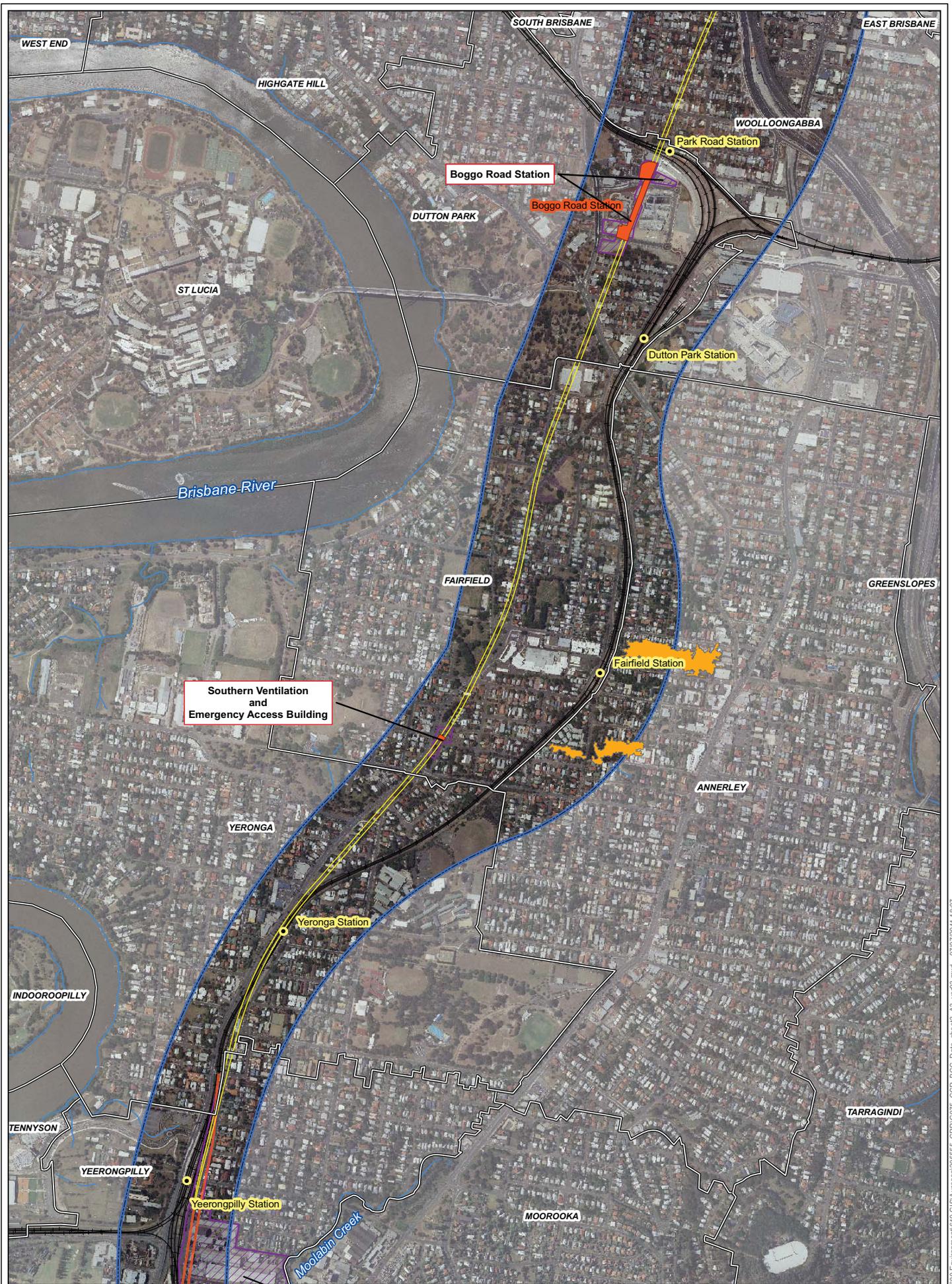
CROSS RIVER RAIL
ENVIRONMENTAL IMPACT STATEMENT

Brisbane City Council - Locally Mapped Features
Sheet 2 of 4

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CrossRiverRail

SKM aurecon
CORPORATE PARTNER



LEGEND

Study Corridor	CP Wetland	Underground Station
Suburbs	Common Nature Conservation Classification System	Alignment
Station	BCC Regional Ecosystems	Above Ground
Track	Remnant Vegetation	Underground
Watercourse	Not of Concern - Vegetation	Worksite

CROSS RIVER RAIL
ENVIRONMENTAL IMPACT STATEMENT

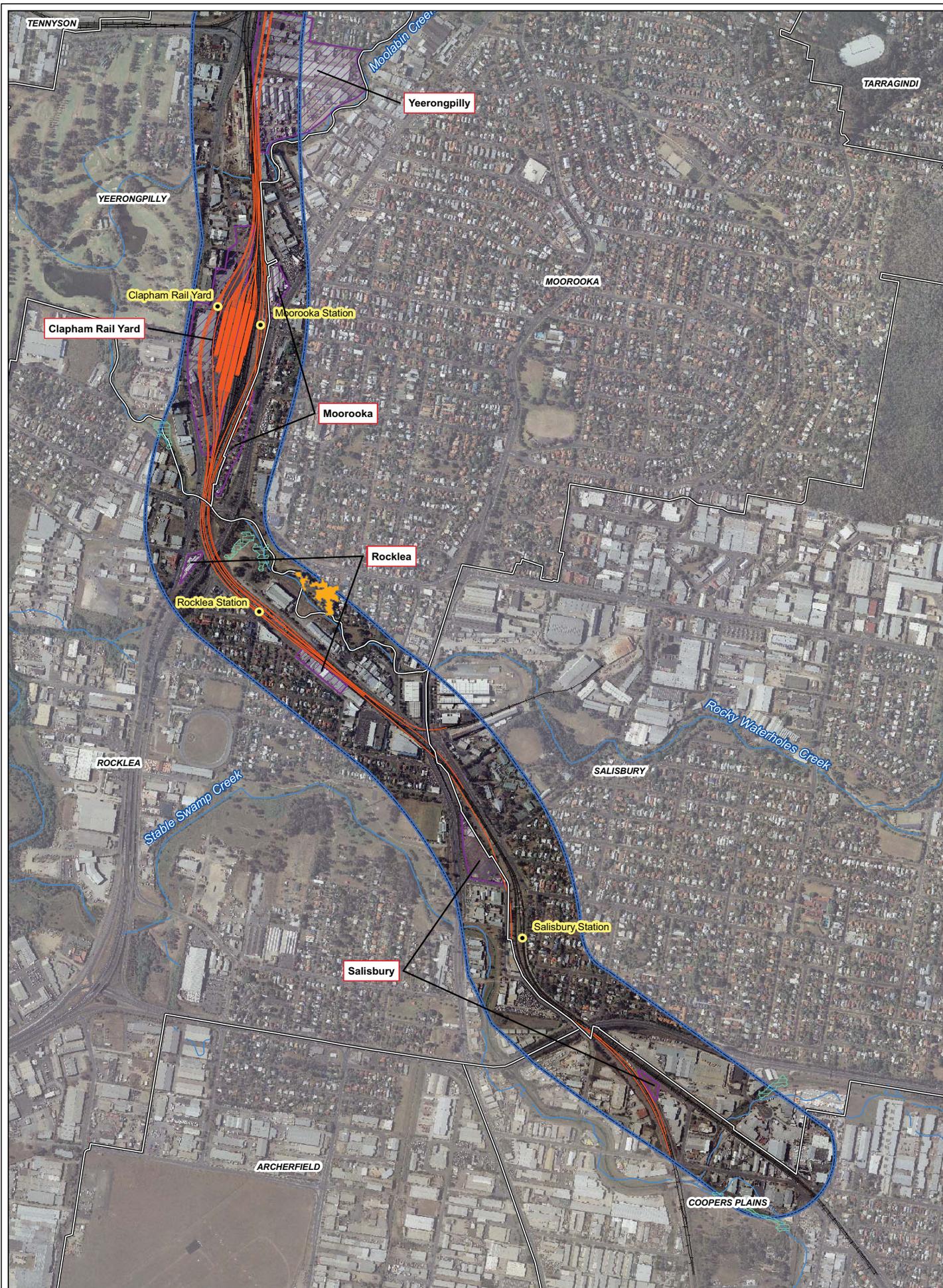
Brisbane City Council - Locally Mapped Features
Sheet 3 of 4

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CrossRiverRail

SKM aurecon
CORPORATE PARTNER

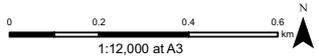
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LEGEND	
	Study Corridor
	Suburbs
	Station
	Track
	Watercourse
	CP Wetland
	Common Nature Conservation Classification System
BCC Regional Ecosystems	
	Remnant Vegetation
	Not of Concern - Vegetation
	Underground Station
Alignment	
	Above Ground
	Underground
	Worksite

CROSS RIVER RAIL
ENVIRONMENTAL IMPACT STATEMENT

Brisbane City Council - Locally Mapped Features
Sheet 4 of 4



CrossRiverRail



Appendix G-3 Significant species identified from desktop investigations

Significant terrestrial flora

The likelihood of an identified species, listed in **Table G-3-1**, being encountered within the study corridor is briefly identified in the last column of the table. Where a species' presence is determined to be 'Not Likely', the assessment is based on the lack of suitable habitat and/or recorded sightings of the species within the study corridor.

Table G-3-1 Likely presence of significant terrestrial flora species identified from database searches

Scientific name	Common name	Status	Source	Likely presence
<i>Zieria furfuracea</i> <i>subsp. gymnocarpa</i>	Scurfy Zieria	EN (Qld)	2	Not likely – Not located during survey of area. Lack of suitable habitat. Species tends to occur in open forest of <i>Acacia disparrima</i> , <i>Allocasuarina littoralis</i> , Eucalyptus species and brush box (<i>Lophostemon confertus</i>) or in regrowth vegetation dominated by guinea grass (<i>Megathyrsus maximus var. pubiglumis</i>) and <i>A. disparrima</i> . None of these habitats occur within the study corridor (Duretto & Forster 2007).
<i>Phebalium distans</i>	Mt Berryman Phebalium	EN (Qld) CE (Aust)	1	Not likely – Not located during survey of area. Lack of suitable habitat and outside of present known geographical range. There are ten known populations – five near Mt Berryman (approximately 12 km south west of Laidley), four near Kingaroy and one at Mt Walla, approximately 26 km east of Gayndah. It is considered unlikely that further populations will be found as extensive targeted surveys have been carried out by Queensland Herbarium (DEWHA undated).
<i>Gossia gonoclada</i>	Angle-stemmed Myrtle	EN (Qld) EN (Aust)	1 & 2	Possible – Not located during survey of area but noted to occur within the Oxley Creek Catchment area and has been actively reintroduced into the area by the <i>A. gonoclada</i> Recovery Team as part of the Recovery plan for the angle-stemmed myrtle <i>A. gonoclada</i> 2001-2005.
<i>Corchorus cunninghamii</i>	Native Jute	EN (Qld) EN (Aust) Restricted distribution (BCC)	1 & 2	Not likely – Not located during survey of area. Lack of suitable habitat. Found in the narrow ecotone between rainforest and open eucalypt forest. Queensland populations have been identified at Brisbane Forest Park, Mount Cotton, Wongawallan, and Ormeau (Saunders 2001).

Scientific name	Common name	Status	Source	Likely presence
<i>Lilaeopsis brisbanica</i>	-	EN (Qld) Restricted distribution (BCC)	2	Not likely – Not located during survey of area. It occurs along the banks of the Brisbane River, between Moggill Creek and Oxley Creek (downstream of the study corridor) in areas submerged at high tide in grey saline mud, in association with mangrove trees (DERM 2009b; Leiper <i>et al.</i> 2008). It is apparently extinct in some of the localities where it was formerly recorded including Breakfast Creek (Bean 1997).
<i>Symplocos harroldii</i>	Hairy Hazelwood	R (Qld)	2	Not likely - Not located during survey of area, as it occurs in coastal areas north from Beenleigh (Leiper <i>et al.</i> 2008)
<i>Eucalyptus curtisii</i>	Plunket Mallee	R (Qld) Restricted distribution (BCC)	2	Present – Located during surveys of area but specimens are likely to have been planted as the natural distribution of this species is 60km south of Brisbane on poor sandstone ridges.
<i>Bosistoa selwynii</i>	Heart-leaved Bosistoa	VU (Aust)	1	Not likely - Not located during survey of area due to lack of suitable habitat, as it occurs in rainforest (DEC 2005).
<i>Bosistoa transversa</i>	Three-leaved Bosistoa	VU (Aust)	1	Not likely - Not located during survey of area due to lack of suitable habitat, as it occurs in rainforest (DEC 2005).
<i>Cryptostylis hunteriana</i>	Leafless Tongue-orchid	VU (Aust)	1	Not likely – Not located during survey of area due to lack of suitable habitat, found in wet environs, one record in Queensland (DEC 2005).
<i>Taeniophyllum muelleri</i>	Minute Orchid, Ribbon-root Orchid	VU (Aust)	1	Not likely – Not located during survey of area. Lack of suitable habitat (PlantNet undated a).
<i>Maundia triglochinooides</i>	-	VU (Qld)	2	Not likely – Not located during survey of area due to lack of suitable undisturbed habitat, found in shallow freshwater swamps (Leiper <i>et al.</i> 2008). The few wetlands located in the study corridor have been highly modified or are constructed wetlands.
<i>Persicaria elatior</i>	Tall Knotweed	VU (Qld)	2	Possible – Not located during survey of area as this species normally grows in damp places, especially beside streams and lakes. Occasionally in swamp forest or associated with disturbance (DEC 2005).
<i>Picris conyzoides</i>	-	VU (Qld)	2 & 3	Possible – Not located during survey of area. Occurs in open eucalypt forest on heavy soils, often on disturbed sites (Leiper <i>et al.</i> 2008).

Scientific name	Common name	Status	Source	Likely presence
<i>Ricinocarpos speciosus</i>	Long-haired Ricinocarpos	VU (Qld)	2	Not Likely – Not located during survey of area. Occurs in damp situations along streams. However as most of the waterways within the study corridor are estuarine, highly disturbed and/or modified it is unlikely that this species will be located within the study corridor (PlantNet undated b).
<i>Thesium australe</i>	Toadflax	VU (Qld)	2	Not Likely – Not located during survey of area due to lack of suitable habitat, occurs in grassland or woodland environments (DEC 2005).
<i>Arthraxon hispidus</i>	Hairy-joint Grass	VU (Qld) VU (Aust)	1	Not likely - due to lack of suitable habitat, found in or on edges of rainforest. Not located during survey of area (DEC 2005).
<i>Cryptocarya foetida</i>	Stinking Cryptocarya, Stinking Laurel	VU (Qld) VU (Aust)	1	Not likely – Not located during survey of area due to lack of suitable habitat, found in closed littoral rainforest in Queensland (DEC 2005).
<i>Fontainea venosa</i>	-	VU (Qld) VU (Aust)	1	Not likely – Not located during survey of area due to lack of suitable habitat, occurs in rainforest (TSSC 2008a).
<i>Macadamia integrifolia</i>	Smooth-shelled Macadamia Nut	VU (Qld) VU (Aust) Restricted distribution (BCC)	1	Present – Located during survey of area but likely to be a cultivated specimen intentionally planted within a park. Therefore as this is not likely to be a wild specimen as this species is naturally associated with subtropical rainforest areas between Grafton, NSW and Maryborough, QLD which does not occur within the study corridor (TSSC 2008b).

Notes:

Status - CE: Critically Endangered, EN: Endangered, VU: Vulnerable, R: Rare, Restricted distribution (BCC): is recorded as having a restricted distribution within Brisbane City under the BCC Natural Assets Planning Scheme Policy, Aust = Status under the Commonwealth EPBC Act, Qld = Status under the Queensland NC (Wildlife) Regulation.

Source - 1: EPBC Protected Matters report; 2: Qld Herbarium HERBRECS database, 3: DERM Wildnet database.

Significant terrestrial fauna

The likelihood of an identified species, listed in **Table G-3-2**, being encountered within the study corridor is briefly identified in the last column of the table. Where a species' presence is determined to be 'Not Likely', the assessment is based on the lack of suitable habitat and/or recorded sightings of the species within the study corridor.

Table G-3-2 Likely presence of significant terrestrial fauna species identified from database searches

Scientific name	Common name	Status	Source	Likely presence
Amphibians				
<i>Adelotus brevis</i>	Tusked Frog	VU (Qld)	1,2,3	Not Likely – Not located during survey of area due to lack of suitable habitat, occurs in rainforests (DEC 2005).
<i>Litoria pearsoniana</i>	Cascade Treefrog	VU (Qld) BCC (-)	2	Not Likely – Not located during survey of area due to lack of suitable habitat, occurs in rainforests and adjacent to wet sclerophyll forest (DERM 2010).
<i>Mixophyes iteratus</i>	Southern Barred Frog, Giant Barred Frog	EN (Qld) EN (Aust)	1	Not Likely – Not located during survey of area due to lack of suitable habitat, occurs in rainforests with deep damp leaf litter (DEC 2005).
Birds				
<i>Accipiter novaehollandiae</i>	Grey Goshawk	NT (Qld)	1, 2	Not Likely - Not located during survey of area, preferred habitat is heavily treed and humid forest areas such as rainforests and very dense, tall eucalypt forest (Society for the Preservation of Raptors 2006).
<i>Anthochaera phrygia</i>	Regent Honeyeater	EN (Qld) EN (Aust)	1	Not Likely - Not located during survey of area. Occurs mainly in box-ironbark open-forests and riparian stands of Casuarina on the inland slopes of the Great Dividing Range (DEWHA 2010a).
<i>Calyptorhynchus lathami</i>	Glossy Black-cockatoo	VU (Qld) BCC (R)	2	Not Likely – Not located during survey of area. Occurs in open forests and woodlands which support she-oak species (DEC 2005).
<i>Cyclopsitta diophthalma coxeni</i>	Coxen's Fig-Parrot	EN (Qld) EN (Aust) BCC (-)	1, 2	Not Likely – Not located during survey of area. Habitat preference is lowland subtropical rainforests and there have been no records of the species around Brisbane (Qld EPA 2001).
<i>Ephippiorhynchus asiaticus</i>	Black-necked Stork	NT (Qld) BCC (SC)	2, 3	Possible – Not located during survey. May occur as a vagrant as they forage along intertidal shoreline and mangrove vegetation (DEC 2005).
<i>Erythrotriorchis radiatus</i>	Red Goshawk	VU (Aust) EN (Qld) BCC (-)	1	Possible – Not located during survey of area. Occur in a wide range of habitats particularly in ecotones, however due to the urban nature of the corridor any individuals located are likely to be vagrants (DERM 2006).

Scientific name	Common name	Status	Source	Likely presence
<i>Falco peregrinus</i>	Peregrine Falcon	BCC (SC)	3	Possible – Not located during survey of area, however there are two recorded nesting pairs within the Brisbane CBD (DEWHA 2009). However as these species have become adapted to the city environment it is unlikely that the Project will affect these species.
<i>Gallinago hardwickii</i>	Latham's Snipe, Japanese Snipe	BCC (SC)	1, 2	Possible – Not located during survey of area. However they can occur in habitats with saline or brackish water, in modified or artificial habitats, and in habitats located close to humans or human activity (DEWHA 2010b).
<i>Geophaps scripta scripta</i>	Squatter Pigeon (southern)	VU (Qld) VU (Aust)	1	Not Likely – Not located during survey. Occur in grassy woodlands and plains (DEWHA 2008).
<i>Haematopus fuliginosus</i>	Sooty Oystercatcher	NT (Qld) BCC (SC)	2	Not Likely – Not located during survey as it occurs along coastal areas (DEC 2005).
<i>Lathamus discolor</i>	Swift Parrot	EN (Qld) EN (Aust)	1, 2	Not Likely – Not located during survey. Foraging habitat includes narrow-leaved red ironbark/forest red gum forests and yellow box forest in South East Queensland (DEWHA 2010c).
<i>Manorina flavigula</i>	Yellow-throated Miner	EN (Aust)	2	Not Likely – Not located during survey. Distribution of this species does not include the Brisbane area (Birds Australia 2010).
<i>Melithreptus gularis</i>	Black-chinned Honeyeater	NT (Qld)	2	Not Likely – Not located during survey. Occurs in upper levels of drier open forests or woodlands dominated by box and ironbark eucalypts (DEC 2005).
<i>Ninox strenua</i>	Powerful Owl	VU (Qld) BCC (R)	2	Possible - Not located during survey. Inhabits a wide range of vegetation types from woodland and open sclerophyll forest to tall open wet forest and rainforest. However the Project is unlikely to disturb any areas in which this species is likely to roost or hunt (DEC 2005).
<i>Numenius madagascariensis</i>	Eastern Curlew	NT (Qld) BCC (-)	2	Not Likely – Not located during survey. Typically located along sheltered coasts, especially estuaries, bays, harbours, inlets and coastal lagoons, with large intertidal mudflats or sandflats, often with beds of seagrass (DEWHA 2010d).
<i>Phaethon rubricauda</i>	Red-tailed Tropicbird	VU (Qld)	1, 2	Not Likely – Not located during survey. Occurs along coast lines and coastal cliffs (DEC 2005).
<i>Psephotus pulcherrimus</i>	Paradise Parrot	PE (Qld) EX (Aust)	1, 2	Not Likely – Not located during survey. Presumed extinct and mainly inhabited undulating river valleys or open forests (DEWHA 2010e).

Scientific name	Common name	Status	Source	Likely presence
<i>Rostratula australis</i> (<i>Rostratula benghalensis s. lat.</i>)	Australian Painted Snipe (Painted Snipe)	VU (Qld) VU (Aust)	1, 2	Possible – Not located during survey. The Australian Painted Snipe generally inhabits shallow terrestrial freshwater (occasionally brackish) wetlands, including temporary and permanent lakes, swamps and claypans (DEWHA 2010f).
<i>Sternula albifrons</i>	Little Tern	E (Qld) BCC (-)	2, 4	Possible - Not located during survey of area. inhabit sheltered coastal environments, including lagoons, estuaries, river mouths and deltas, lakes, bays, harbours and inlets, especially those with exposed sandbanks or sand-spits (DEWHA 2010g).
<i>Tadorna radjah</i>	Radjah Shelduck	NT (Qld)	2	Not Likely – Not located during survey of area. The distribution of this species does not extend south beyond central Queensland (Birds Australia undated).
<i>Turnix melanogaster</i>	Black-breasted Button-quail	VU (Qld) VU (Aust) BCC (V)	1	Not likely – Not located during survey of area and is restricted to rainforests and forests, mostly in areas with 770 to 1200 mm rainfall per annum (DEWHA 2010h).
Insects				
<i>Ornithoptera richmondia</i>	Richmond Birdwing	VU (Qld)	1, 2	Not Likely – Not located during survey of area. Lives in subtropical rainforest where its larval host plants (<i>Pararistolochia</i> vines) grow (DERM 2007).
Mammals				
<i>Antechinus flavipes</i>	Yellow-footed antechinus	BCC (ST)	3	Not Likely - Not located during survey of area. It is typically absent from inner city areas and is uncommon elsewhere (Queensland Museum 1995).
<i>Chalinolobus dwyeri</i>	Large-eared Pied Bat, Large Pied Bat	VU (Qld) VU (Aust)	1	Not Likely – Not located during survey of area. In South East Queensland the species has mostly been recorded from higher altitude moist tall open forest adjacent to rainforest (DEWHA 2010i).
<i>Dasyurus hallucatus</i>	Northern Quoll	EN (Aust)	1	Does not occur in area – Not located during survey of area and the species' preferred habitat, which consists of rocky escarpment, open forest and open woodland, does not occur within the study area (TSSC 2005).
<i>Dasyurus maculatus maculatus</i>	Spotted-tailed Quoll (southern subspecies)	V (Qld) E (Aust) BCC (PV)	2	Does not occur in area – Not located during survey of area and the species' preferred habitat, mature wet forest habitat especially in areas with rainfall 600 mm/year, does not occur within the study area (DEWHA 2010j).
<i>Macropus giganteus</i>	Eastern Grey Kangaroo	BCC (ST)	2	Does not occur in area – Not located during survey of area due to urban nature and no suitable habitats.

Scientific name	Common name	Status	Source	Likely presence
<i>Macropus parryi</i>	Whiptail Wallaby	BCC (ST)	2	Not Likely - Not located during survey of area due to urban nature and no suitable habitats.
<i>Macropus rufogriseus</i>	Red-necked Wallaby	BCC (ST)	2	Not Likely - Not located during survey of area. Occurs in dry open forests with some brushy undergrowth, grasslands, roadside verges, paddocks and backyards, however due to the highly developed nature of the land within the study corridor it is unlikely that this species will be present (QM undated).
<i>Petaurus norfolcensis</i>	Squirrel Glider	BCC (PV)	2, 3	Not Likely – Not located during survey of area as this species typically inhabits mature or old growth Box, Box-Ironbark woodlands and River Red Gum (<i>Eucalyptus camaldulensis</i>) forest which do not occur within the study corridor (DEC 2005).
<i>Phascolarctos cinereus</i> (SEQ bioregion)	Koala (southeast Queensland bioregion)	VU (Qld) BCC (PV)	1, 3	Does not occur in area – Not located during survey of area and there are no large areas of the species’ preferred food trees (DERM 2007a). Additionally no Koala habitat areas are mapped within the study corridor.
<i>Potorous tridactylus tridactylus</i>	Long-nosed Potoroo (SE mainland)	VU (Qld) VU (Aust) BCC (PV)	1	Does not occur in area – Not located during survey of area and suitable dense habitat is not located within the study area (DEWHA 2010k).
<i>Pteropus poliocephalus</i>	Grey-headed Flying-fox	VU (Aust)	1, 2, 3	Present – Located during survey of area. However no roosting sites are located within the study corridor.
<i>Tachyglossus aculeatus</i>	Short-beaked Echidna	BCC (ST)	2, 3	Not Likely - Not located during survey of area. Unlikely due to urban nature and no suitable habitats.
<i>Xeromys myoides</i>	Water Mouse, False Water Rat	VU (Qld) VU (Aust)	1	Possible – Not located during survey of area. Species normally found in mangroves but sometimes in adjacent coastal freshwater lagoons, swamps and sedged lakes (DERM 2007b).
Reptiles				
<i>Acanthophis antarcticus</i>	Common Death Adder	NT (Qld) BCC (-)	2	Not Likely – Not located during survey of area. Typically found in a wide variety of well-drained habitats, including rainforests and wet sclerophyll forests, woodland, shrublands, grasslands and coastal heathlands, preferring sites with deep fixed leaf litter (DERM undated). However due to the highly urbanised nature of the corridor it is unlikely to be found in the study area.
<i>Coeranoscincus reticulatus</i>	Three-toed Snake-tooth Skink	VU (Aust) R (Qld)	1	Not Likely – Not located during survey of area and occurs in closed forests (DEC 2005).

Scientific name	Common name	Status	Source	Likely presence
<i>Delma torquate</i>	Collared Delma	VU (Aust) BCC (V)	1	Not Likely – Not located during survey of area. Currently known from only four locations being Mt Crosby, Lake Manchester, Karana Downs and the Bunya Mountains in rocky areas (DERM 2006).

Notes:

Status – EN: Endangered, VU: Vulnerable, R: Rare, Qld: Status under the Qld NC (Wildlife) Regulation 2006, Aust: Status under the Commonwealth EPBC Act. BCC = status under Action Plan for relevant taxon – (V: Vulnerable, PV: Potentially Vulnerable, SC: Special Concern, ST: Stable, R: Rare).

Source – 1: EPBC Protected Matters Database, 2: DERM Wildnet database, 3: Queensland Museum database, 4: Birddata Database.

Significant terrestrial fauna

The likelihood of an identified species, listed in **Table G-3-3**, being encountered within the study corridor is briefly identified in the last column of the table. Where a species' presence is determined to be 'Not Likely', the assessment is based on the lack of suitable habitat and/or recorded sightings of the species within the study corridor.

Table G-3-3 Likely presence of significant aquatic flora and fauna species identified from database searches

Scientific name	Common name	Status	Source	Likely presence
Plant				
<i>Hydrocharis dubia</i>	Frogbit	VU (Aust)	1	Not Likely – Not located during survey of area as it typically grows in small, shallow freshwater bodies or swamps (DEWHA 2010).
Fish				
<i>Carcharias taurus</i> (east coast population)	Grey Nurse Shark (east coast population)	CE (Aust)	1	Does not occur – Not located during survey of area as this species occurs within marine environment which do not occur within the study corridor (Commonwealth of Australia 2002).
<i>Neoceratodus forsteri</i>	Australian Lungfish	VU (Aust)	3	Present – Not located during survey of area. It has been previously recorded in Breakfast/Enoggera Creek in 1981, however the area of this creek which the Project is located is estuarine in nature and this species only lives in freshwater systems. It was also introduced into the lakes at Roma Street Parkland in December 2003 (QLD Government undated).
<i>Pristis zijsron</i>	Green Sawfish, Dindagubba, Narrowsnout Sawfish	VU (Aust)	1	Not Likely - Not located during survey of area due to a lack of freshwater habitat areas and the urban nature of the land within the study corridor.
<i>Pseudomugil mellis</i>	Honey Blue Eye	VU (Qld) VU (Aust)	2	Does not occur – Not located during survey of area and the species is typically found in coastal lowland 'wallum' ecosystems which do not occur within the study corridor (DEWHA 2010m).

Scientific name	Common name	Status	Source	Likely presence
Mammal				
<i>Eubalaena australis</i>	Southern Right Whale	EN (Aust)	1	Does not occur – Not located during survey of area as this species occurs within marine environments which do not occur within the study corridor (DEWHA 2010n).
Reptile				
<i>Chelonia mydas</i>	Green Turtle	VU (Qld) VU (Aust)	2	Does not occur – Not located during survey of area as this species occurs within marine environments which do not occur within the study corridor (DEWHA undated b).
<i>Lepidochelys olivacea</i>	Olive Ridley Turtle, Pacific Ridley Turtle	EN (Aust)	1	Does not occur – Not located during survey of area as this species occurs within marine environment which do not occur within the study corridor (DEWHA 2010o).

Notes:

Status – EN: Endangered, VU: Vulnerable, R: Rare, Qld: Status under the Qld NC (Wildlife) Regulation 2006, Aust: Status under the Commonwealth EPBC Act.

Source – 1: EPBC Protected Matters Database, 2: DERM Wildnet database, 3: Queensland Museum database.

Appendix G-4 Flora Survey List

Appendix G-4 Flora Survey List

Study sites:

1. Yowoggera Park, Breakfast Creek
2. Windsor Park
3. Flynn Oval/Mann Park, Windsor
4. Perry Park, Bowen Hills
5. Royal National Association Grounds Bowen Hills (Exhibition)
6. Victoria Park
7. Roma Street Parkland
8. City Botanical Gardens
9. Count White Park, Kangaroo Point
10. Dutton Park and Cemetery (in Dutton Park)
11. Gair Park
12. JF O'Grady Memorial Park
13. Green space located along Railway Road between Bedosloe and Sunbeam Streets, Fairfield
14. Robinson Park, Fairfield
15. Southern extent of Fehlberg Park, Yeronga
16. Lagonda Park, Annerley
17. Rowlinson Park, Nelson Street, Yeronga
18. Brisbane Golf Club, Yeerongpilly
19. Green space (Melbourne Street) Rocky Water Holes Creek, Moorooka
20. Peter Scott Skate Park, Moorooka
21. Green space (Railway Terrace) Rocky Water Holes Creek, Moorooka
22. Kookaburra Park, Rocklea
23. Dollis Street green space, Rocklea

Botanical Name	Common Name	Form	Status: NC Act	Status: EPBC	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
<i>Abelia X grandiflora</i>	CV (hybrid)	Shrub	Intro															X										
<i>Acacia concurrens</i>	Black wattle	Tree	LC									X		X											X		X	
<i>Acacia dispersarima</i> subsp <i>disparrima</i>	Hickory wattle	Tree	LC							X						X				X					X			
<i>Acacia fimbriata</i>	Fringed wattle	Shrub	LC							X		X		X											X		X	
<i>Acacia leiocalyx</i>	Black wattle	Tree	LC														X								X		X	
<i>Acacia maidenii</i>	Maiden's wattle	Tree	LC								X													X		X	X	
<i>Acacia podalyrifolia</i>	Queensland silver wattle	Tree	LC							X															X		X	
<i>Acalypha wilkesiana</i>	Fijian fire plant	Shrub	Intro								X																	
<i>Acmena smithii</i>	Lily pilly	Tree	LC							X						X												
<i>Acrostichum speciosum</i>	Mangrove fern	Fern	LC									X																
<i>Adiantum hispidulum</i> var <i>hispidulum</i>		Fern	LC																									X

Botanical Name	Common Name	Form	Status: NC Act	Status: EPBC	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
<i>Aechmea</i> etc. sp/ CVs	bromeliads	Herb	Intro								X	X				X								X					
<i>Aegiceras corniculatum</i>	River mangrove	Tree	LC (F)		X							X	X																
<i>Agapanthus</i> spp.	Agapanthus	Herb	Intro								X	X																	
<i>Agathis robusta</i>	Queensland kauri	Tree	LC							X				X															
<i>Agave americana</i>		Herb	Intro				X				X		X												X				
<i>Agave attenuata</i>		Herb	Intro								X			X															
<i>Ageratum houstonianum</i>	Blue billygoat weed	Herb	Intro							X														X	X	X	X	X	
<i>Albizia julibrissin</i>	Silk tree	Tree	Intro											X															
<i>Albizia procera</i> ⁴	Forest siris	Tree	LC							X			X	X															
<i>Alectryon tomentosus</i>	Hairy bird's-eye	Tree	LC									X						X											
<i>Aleurites moluccana</i>	Candle nut	Tree	LC											X															

Botanical Name	Common Name	Form	Status: NC Act	Status: EPBC	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
<i>Allamanda cathartica</i>	Golden trumpet vine	Vine	Intro								X																	
<i>Allocasuarina littoralis</i>	Black sheoak	Tree	LC							X	X			X						X								X
<i>Allocasia brisbanensis</i>	Cunjevoi	Herb	LC									X																
<i>Alphitonia excelsa</i>	Red ash	Tree	LC							X										X				X				X
<i>Alpinia caerulea</i>	Native ginger	Herb	LC								X																	
<i>Alpinia</i> sp.		Herb	Intro									X																
<i>Alternanthera pungens</i>	Khaki weed	Herb	Intro														X							X				
<i>Amaranthus viridis</i>	Green amaranth	Herb	Intro														X											
<i>Ambrosia artemisiifolia</i>	Annual ragweed	Herb	Intro: C2														X											
<i>Amyema miquelii</i>	Bronze mistletoe	Parasite	LC																				X		X			X
<i>Anagallis arvensis</i>	Scarlet pimpernel	Herb	Intro															X							X			
<i>Angophora leiocarpa</i>	Smooth barked apple	Tree	LC																						X			

Botanical Name	Common Name	Form	Status: NC Act	Status: EPBC	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
<i>Araderia cordifolia</i>	Madeira vine	Vine	Intro; C3				X						X										X						
<i>Aphanopetalum resinosum</i>	Gum vine	Vine	LC										X																
<i>Araucaria bidwillii</i>	Bunya pine	Tree	LC				X			X		X		X															
<i>Araucaria cunninghamii</i>	Hoop pine	Tree	LC							X	X	X	X				X												
<i>Archontophoenix alexandrae</i> ²	Alexander palm	Palm	LC				X				X																		
<i>Asparagus pumila</i>	Asparagus fern	Herb	Intro; C3																						X				
<i>Aspidistra elatior</i>	Cast-iron plant	Herb	Intro										X																
<i>Asplenium australasicum</i>	Birds nest fern	Fern	LC									X																	
<i>Aster subulatus</i>	Wild aster	Herb	Intro							X																			
<i>Auranticarpa rhombifolia</i>	Diamond-leaved Pittosporum	Tree	LC																	X									
<i>Austromyrtus dulcis</i>	Midyim	Shrub	LC								X																		

Botanical Name	Common Name	Form	Status: NC Act	Status: EPBC	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
<i>Avicennia marina</i> var <i>australasica</i>	Grey mangrove	Tree	LC (F)		X							X	X														
<i>Babingtonia similis</i>	Twiggy may	Shrub	LC		X				X																		
<i>Backhousia citriodora</i>	Lemon scented myrtle	Tree	LC									X		X													
<i>Bambusa</i> spp.	Bamboo	Grass	Intro								X	X															
<i>Banksia integrifolia</i>	Coast banksia	Tree	LC								X																
<i>Banksia robur</i>	Swamp banksia	Shrub	LC								X	X															
<i>Barklya syringifolia</i>	Barklya	Tree	LC									X															
<i>Bauhinia galpinii</i>	Red bauhinia	Shrub	Intro									X	X											X			
<i>Bauhinia</i> sp.		Tree	Intro									X															
<i>Baumea articulata</i>	Jointed twigrush	Aquatic herb	LC								X																
<i>Beaucarnea recurvata</i>	Pony tail palm	Tree	Intro								X																
<i>Bidens pilosa</i>	Cobbler's pegs	Herb	Intro																					X	X	X	X

Botanical Name	Common Name	Form	Status: NC Act	Status: EPBC	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
<i>Blechnum</i> spp.		Fern	LC/ Intro								X																		
<i>Bothriochloa decipiens</i>	Pitted bluegrass	Grass	LC		X																						X		
<i>Bougainvillea</i> spp. And CVs	Bougainvillea	Shrub/ vine	Intro								X	X						X						X			X		
<i>Brachycton acerifolius</i>	Flame tree	Tree	LC							X	X		X																
<i>Brachycton rupestre</i> S	Narrow-leaved bottletree	Tree	LC												X														
<i>Brassica juncea</i>	Indian mustard	Herb	Intro																					X					
<i>Breynia oblongifolia</i>	Coffee bush	Shrub	LC																	X									
<i>Brugmansia</i> sp./CVs	Angel's trumpet	Shrub	Intro								X																		
<i>Brunfelsia australis</i>	Yesterday today and tomorrow	Shrub	Intro						X																				
<i>Bryophyllum tubiflorum</i>	Mother of millions	Herb	Intro; C2																								X		
<i>Buckinghamia celsissima</i>	Ivory curl	Tree	LC							X			X																

Botanical Name	Common Name	Form	Status: NC Act	Status: EPBC	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
<i>Butia yatay</i>	Yatay palm	Palm	Intro									X					X										
<i>Caesalpinia ferrea</i>	Leopard tree	Tree	Intro		X				X			X				X								X			
<i>Calathea</i> sp.		Herb	Intro													X											
<i>Calathea</i> spp.		Herb	Intro								X																
<i>Callisia fragrans</i>		Herb	Intro			X					X									X							
<i>Callitris columellaris</i> var. <i>columellaris</i>	Cypress pine	Tree	LC									X		X													
<i>Canna indica</i>	Indian shot	Herb	Intro							X														X			
<i>Canna X generalis</i>	Canna hybrids	Herb	Intro									X															
<i>Carpobrotus glaucescens</i>	Coastal pigface	Herb	LC								X																
<i>Caryota</i> sp.	A fishtail palm	Palm										X						X									
<i>Castanospermum australe</i>	Black bean	Tree	LC							X								X									
<i>Casuarina glauca</i>	Swamp oak	Tree	LC				X			X			X												X		
<i>Catharanthus roseus</i>	Pink periwinkle	Herb	Intro																								

Botanical Name	Common Name	Form	Status: NC Act	Status: EPBC	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
<i>Cedrela odorata</i>	Cigar box cedar	Tree	Intro									X															
<i>Celtis sinensis</i>	Chinese celtis	Tree	Intro; C3				X		X	X	X			X								X			X		
<i>Cestrum parqui</i>	Green cestrum	Herb	Intro				X																				
<i>Chloris gayana</i>	Rhodes grass	Grass	Intro			X																X			X		
<i>Chloris virgata</i>	Feathertop Rhodes grass	Grass	Intro																							X	
<i>Chlorophytum comosum</i>	Spider plant	Herb	Intro									X															
<i>Cinnamomum camphora</i>	Camphor laurel	Tree	Intro; C3				X			X				X													
<i>Citharexylum spinosum</i>	Fiddlewood tree	tree	Intro																				X				
<i>Citrus sp.</i>		Tree	Intro									X															
<i>Clerodendrum sp.</i>		Shrub										X															
<i>Codiaeum variegatum</i>	Croton	Shrub	Intro									X															
<i>Colvillea racemosa</i>	Colville's glory	Tree	Intro									X		X													X

Botanical Name	Common Name	Form	Status: NC Act	Status: EPBC	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
<i>Commelina diffusa</i>	Wandering Jew	Herb	LC							X					X						X			X				X	
<i>Coprosma repens</i>	Mirror bush	Shrub	Intro								X																		
<i>Cordia myxa</i>	Lasura	Tree	Intro										X																
<i>Cordyline fruticosa</i> CVs		Herb	Intro								X																		
<i>Cordyline</i> sp	Palm lily	Shrub	LC								X																		
<i>Corymbia citriodora</i> subsp. <i>variegata</i>	Spotted gum	Tree	LC				X								X				X										X
<i>Corymbia intermedia</i>	Pink bloodwood	Tree	LC							X										X									
<i>Corymbia tessellaris</i>	Moreton Bay ash	Tree	LC							X			X						X										X
<i>Corymbia forelliana</i>	Cadaghi	Tree	LC							X																			X
<i>Crassocephalum crepidioides</i>	Thickhead	Herb	Intro							X				X											X				
<i>Crinum pedunculatum</i>	River lily	Herb	LC							X	X																		

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<i>Cryptocarya triplinervis</i> var. <i>triplinervis</i>	Three-veined cryptocarya	Tree	LC																				X				
<i>Cupaniopsis anacardioides</i>	Tuckeroo	Tree	LC		X	X	X		X	X			X	X		X			X				X				
<i>Cyathea</i> sp.	Tree fern	Fern	LC								X																
<i>Cycas revoluta</i>	Japanese sago palm	Cycad	Intro								X	X															
<i>Cyperus brevifolius</i>	Mullumbimby couch	Sedge	Intro														X										
<i>Cyperus exaltatus</i>	Tall flat sedge	Sedge	LC																					X			
<i>Cyperus gracilis</i>	Whisker sedge	Sedge	LC											X													
<i>Cyperus papyrus</i>	Papyrus	Sedge	Intro								X													X			
<i>Cyperus polystachyos</i>	Rice sedge	Sedge	LC														X										
<i>Delonix regia</i>	Poinciana	Tree	Intro		X					X	X	X				X					X						
<i>Denhamia celastroides</i>	Denhamia	Tree	LC																								X

Botanical Name	Common Name	Form	Status: NC Act	Status: EPBC	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
<i>Dianella "Silver Streak"</i>	Flax lily CV	Herb									X	X																
<i>Dianella brevipedunculata</i>	Flax lily	Herb	LC										X							X								
<i>Dianella caerulea</i>	Blue flax lily	Herb	LC									X								X								
<i>Dichanthium annulatum</i>	Sheda grass	Grass	Intro																			X	X	X				
<i>Dichorisandra thyrsiflora</i>	Blue ginger	Herb	Intro									X						X										
<i>Dietes bicolor</i>	Dietes	Herb	Intro							X																		
<i>Dietes grandiflora</i>	Wild iris	Herb	Intro							X																		
<i>Dietes sp.</i>		Herb	Intro							X		X			X													
<i>Digitaria didactyla</i>	Blue couch	Grass	Intro																									
<i>Doodia sp.</i>	A rasp fern	Fern	LC									X																
<i>Doryanthes excelsa</i>	Gynea lily	Herb									X	X			X													
<i>Dracaena marginata</i>		Shrub	Intro								X																	

Botanical Name	Common Name	Form	Status: NC Act	Status: EPBC	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
<i>Dyopsis lutescens</i>	Golden cane palm	Grass	Intro						X	X		X															
<i>Echinochloa telmatophila</i>	Swamp barnyard grass	Grass	Intro																					X			
<i>Eclipta prostrata</i>	White eclipta	Herb	LC															X							X		
<i>Eleocharis eumundi</i>	Eumundi quandong	Tree	LC								X	X		X													
<i>Eleocharis grandis</i>	Blue Quandong	Tree	LC								X	X								X							
<i>Eleocharis reticulatus</i>	Blueberry ash	Tree	LC							X				X													
<i>Eleusine indica</i>	Crow's foot grass	Grass	Intro							X														X			
<i>Emilia sonchifolia</i>	Emilia	Herb	Intro							X				X											X		
<i>Epidendrum ibaguense</i>	Crucifix orchid	Orchid	Intro																					X			
<i>Eragrostis tenuifolia</i>	Elastic grass	Grass	Intro															X						X			
<i>Eriobotrya japonica</i>	Loquat	Tree	Intro																							X	

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<i>Erythrina speciosa</i>	Showy coral tree	Tree	Intro									X															
<i>Erythrina X sykesii</i>		Tree	Intro						X																		
<i>Eucalyptus crebra</i>	Narrow leaved ironbark	Tree	LC				X												X								X
<i>Eucalyptus curtisii</i> ³ (confirmed by Qld Herbarium)	Plunkett Mallee	Tree	R										X				X										
<i>Eucalyptus microcorys</i>	Tallowwood	Tree	LC				X			X													X				
<i>Eucalyptus moluccana</i>	Gum topped box	Tree	LC						X																		
<i>Eucalyptus robusta</i>	Swamp mahogany	Tree	LC																						X		
<i>Eucalyptus siderophloia</i>	Grey ironbark	Tree	LC																	X				X			
<i>Eucalyptus tereticornis</i>	Forest red gum	Tree	LC							X						X			X			X		X			X
<i>Euphorbia hirta</i>	Asthma weed	Herb	Intro																								
<i>Euphorbia leucocephala</i>	Snowflake bush	Shrub	Intro																								X

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<i>Euphorbia puicherrima</i>	Poinsettia	Shrub	Intro						X			X																
<i>Eustrephus latifolius</i>	Wombat berry	Vine	LC																X									
<i>Evolvulus pilosus</i>	Blue sapphire	Herb	Intro		X													X										
<i>Ficus baileyana</i>		Tree	LC									X																
<i>Ficus benghalensis</i>	Banyan fig	Tree	Intro									X																
<i>Ficus benjamina</i>	Weeping fig	Tree	Intro		X				X			X																
<i>Ficus elastica</i>	India rubber tree	Tree	Intro																					X				
<i>Ficus lutea</i>	Zulu fig	Tree	Intro									X																
<i>Ficus macrophylla</i>	Moreton Bay Fig	Tree	LC							X	X	X																
<i>Ficus microcarpa</i>	Small fruited fig	Tree	LC							X																		
<i>Ficus pumila</i>	Climbing fig	Vine/shrub	Intro								X																	
<i>Ficus obliqua</i>	Small-leaved Fig.	Tree	LC																							X		

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<i>Ficus rubiginosa</i>	Rock fig	Tree	LC		X																		X				
<i>Ficus</i> sp.	Small leaved strangler fig	Tree	LC			X													X								
<i>Ficus</i> spp.	Fig	Tree	LC		X	X					X																
<i>Ficus watkinsiana</i>	Watkin's fig	Tree	LC									X															
<i>Flacourtia jangomas</i>		Tree	Intro									X															
<i>Flindersia australis</i>	Crow's ash	Tree	LC							X			X														
<i>Flindersia schottiana</i>	Bumpy ash	Tree	LC							X				X											X		
<i>Fraxinus griffithii</i>	Himalayan Ash	Tree	Intro																								
<i>Furcraea foetida</i> var <i>mediopicta</i>	Mauritius Hemp	Shrub	Intro								X																
<i>Gasteria</i> sp.		Herb	Intro																					X			
<i>Gaura lindheimeri</i> CV		Herb	Intro							X								X									
<i>Gazania</i> CV	<i>Gazania</i>	Herb	Intro																							X	

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<i>Geitonoplectis m cyrnosum</i>	Scrambling lily	Vine	LC																	X								
<i>Ginkgo biloba</i>	Ginkgo	Tree	Intro								X																	
<i>Glochidion ferdinandi</i>	Cheese tree	Tree	Intro														X			X				X				
<i>Gomphocarpus physocarpus</i>	Balloon cotton	Herb	Intro															X										
<i>Gomphrena celosoides</i>	Gomphrena weed	Herb	Intro			X								X			X							X				
<i>Graptophyllum excelsum</i>	Scarlet fuchsia	Shrub/tree	R									X						X										
<i>Grevillea "Moonlight"</i>		Shrub													X													
<i>Grevillea CVs</i>		Shrub								X																		
<i>Grevillea hilliana</i>	White yiel-yiel	Tree	LC									X					X											
<i>Grevillea robusta</i>	Silky oak	Tree	LC							X			X															
<i>Grevillea baileyana</i>	White oak	Tree	LC								X																	
<i>Harpullia pendula</i>	Tulipwood	Tree	LC							X			X		X		X											

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<i>Helmholtzia glaberrima</i>	Stream lily	Herb	LC											X													
<i>Hibbertia scandens</i>	Snake vine	Vine	LC								X				X												
<i>Hibiscus tiliaceus</i>	Cotton tree	Tree	LC								X																
<i>Hovea acutifolia</i>	Pointed-leaved hovea	Shrub	LC									X															
<i>Hymenosporum flavum</i>	Native frangipani	Tree	LC									X															
<i>Hypparrhenia rufa</i>	Thatch grass	Grass	Intro																							X	
<i>Hypoestes floribunda</i>		Herb	LC									X															
<i>Hypoestes phyllostachya</i>	Polka dot plant	Herb	Intro									X															
<i>Impatiens</i> CV	New Guinea hybrid	Herb	Intro								X																
<i>Imperata cylindrica</i> 'Ruba'	Japanese blood grass	Grass	Intro									X												X			
<i>Ipomoea cairica</i>	Coast morning glory	Vine	Intro				X			X																	
<i>Ipomoea horfalliae</i>	Cardinal creeper	Vine	Intro									X															

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<i>Ipomoea indica</i>	Blue morning glory	Vine	Intro																				X					
<i>Iris</i> spp./ CVs	Iris	Herb	Intro								X																	
<i>Isolepis nodosa</i>	Knobbly club rush	Sedge	LC								X																	
<i>Ixora chinensis</i> CVs	Ixora	Shrub	Intro								X	X																
<i>Jacaranda mimosifolia</i>	Jacaranda	Tree	Intro			X	X			X		X				X				X				X				
<i>Jagera pseudorhus</i> var <i>pseudorhus</i>	Foam bark	Tree	LC										X	X						X								
<i>Juncus usitatus</i>	Common rush	Herb	LC																						X			
<i>Juniperus horizontalis</i>	Creeping juniper	Shrub	Intro									X	X											X				
<i>Koelerutera paniculata</i>	Golden rain tree	Tree	Intro							X																		
<i>Lagerstroemia indica</i>	Crape myrtle	Tree	Intro									X																
<i>Lantana camara</i>	Lantana	Shrub	Intro; C3										X												X	X		X

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<i>Leptospermum brachyandrum</i>	Weeping tea-tree	Tree	LC			X																					
<i>Leptospermum petersonii</i>	Lemon scented tea-tree	Tree	LC						X									X									
<i>Leucaena leucocephala</i>	Leucaena	Shrub	Intro						X				X														X
<i>Licuala ramsayi</i>	Australian fan palm	Palm	LC									X															
<i>Ligustrum japonicum</i>	Japanese privet	Shrub	Intro									X															
<i>Liriope muscari</i> "Evergreen Giant"	Liriope CV	Herb	Intro			X			X			X		X													
<i>Livistona australis</i>	Cabbage palm	Palm	LC								X																
<i>Livistona sp</i>		Palm	LC									X						X									
<i>Lomandra hystrix</i>	Creek matrush	Herb	LC							X	X	X	X							X				X			
<i>Lomandra longifolia</i>	Long leaved matrush	Herb	LC							X			X														
<i>Lonicera japonica</i>	Japanese honeysuckle	Vine	Intro																								

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<i>Lophostemon confertus</i>	Brush box	Tree	LC				X			X			X	X		X			X										
<i>Lophostemon suaveolens</i>	Swamp box	Tree	LC																X				X	X					
<i>Loropetalum chinense</i> "Rubrum"		Shrub	Intro									X																	
<i>Ludwigia peploides</i> subsp. <i>montevicensis</i>	Water primrose	Aquatic herb	Intro							X														X					
<i>Macadamia integrifolia</i> (confirmed by Qld Herbarium)	Macadamia nut	Tree	V	V			X																						
<i>Macaranga tanarius</i>	Blush macaranga	Tree	LC							X	X			X														X	
<i>Macfadyena unguis-cati</i>	Cat's claw creeper	Vine	Intro; C3							X																			
<i>Maclura cochinchinensis</i>	Cockspur thorn	Shrub/vine	LC																	X									
<i>Macroptilium atropurpureum</i>	Siratro	Vine	Intro							X									X						X				

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<i>Macropitilium lathyroides</i>	Phasey bean	Herb	Intro																						X	X	X		
<i>Magnolia grandiflora</i>	Southern magnolia	Tree	Intro								X																		
<i>Malvastrum coromandelianum</i>	Prickly malvastrum	Herb	Intro		X																			X					
<i>Malva viscosa</i> var <i>arborescens</i> var <i>mexicana</i> 'Red'		Shrub	Intro											X															
<i>Mangifera indica</i>	Mango tree	Tree	Intro			X				X																			
<i>Megathyrsus maximus</i>	Guinea grass	Grass	Intro				X		X				X											X	X	X	X	X	
<i>Melaleuca "Claret Tops"</i>	CV	Shrub	N/A													X													
<i>Melaleuca "Little John"</i>		Shrub	N/A							X			X																
<i>Melaleuca bracteata</i>	Black tea tree	Tree	LC				X						X				X							X					
<i>Melaleuca bracteata</i> "Revolution Gold"	Black tea tree	Tree	N/A																						X				
<i>Melaleuca leucadendra</i>	Broad leaved tea-tree	Tree	LC						X	X	X		X														X		

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<i>Melaleuca linariifolia</i>	Flax leaf paperbark	Tree	LC							X		X	X				X								X			
<i>Melaleuca nodosa</i>	Pricklyleaf paperbark	Tree	LC							X	X	X	X															X
<i>Melaleuca polandii</i>	Gold-tipped bottlebrush	Shrub/ tree	LC													X												
<i>Melaleuca quinquenervia</i>	Paper barked tea tree	Tree	LC							X						X								X				
<i>Melaleuca salignus</i>	White bottlebrush	Tree	LC												X								X					
<i>Melaleuca salignus</i> "Great Balls of Fire"	White bottlebrush CV	Shrub	N/A									X																
<i>Melaleuca sieberi</i>		Shrub/ Tree	LC																								X	
<i>Melaleuca styphelioides</i>	Prickly paperbark	Tree	LC									X				X						X						
<i>Melaleuca viminalis</i>	Weeping bottlebrush	Tree	LC							X			X			X												
<i>Melaleuca viridiflora</i>	Broad-leaved tea-tree	Tree	LC									X																
<i>Melia azedarach</i>	White cedar	Tree	LC							X			X														X	

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<i>Melicope elleryana</i>	Pink euodia	Tree	LC							X		X															
<i>Melinis repens</i>	Red Natal grass	Grass	Intro		X					X			X											X	X		X
<i>Metrosideros excelsus</i>	New Zealand Christmas Tree	Shrub/ tree	Intro								X																
<i>Microsorium punctatum</i>		Fern	LC																				X				
<i>Molineria capitulata</i>	Weevil plant	Herb	LC								X																
<i>Morus sp.</i>	Mulberry tree	Tree	Intro											X													
<i>Murraya paniculata</i>	Mock orange	Shrub	Intro							X						X	X										
<i>Musa sp.</i>		Shrub	Intro																								
<i>Mussaenda philippica</i>	Lady flowers hybrids	Shrub	Intro									X															
<i>Myoporum acuminatum</i>	Coastal boobialla	Shrub	LC							X																	
<i>Myoporum boninense</i> subsp <i>australe</i>	Mangrove boobialla	Shrub	LC		X					X																X	
<i>Nandina domestica</i>	Sacred bamboo	Shrub	Intro								X																

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<i>Nephrrolepis cordifolia</i>	Fishbone fern	Fern	LC								X		X														
<i>Nerium oleander</i>	Oleander	Shrub	Intro																					X			
<i>Nymphaea caerulea</i>	Blue water lily	Aquatic herb	Intro							X																	
<i>Nymphaea</i> spp and CVs	Water lily	Aquatic herb	LC/ Intro								X																
<i>Ochna serrulata</i>	Ochna	Shrub	Intro										X														
<i>Ophiopogon japonicus</i>	Mondo grass	Herb	Intro									X															
<i>Opuntia</i> sp.	Prickly pear	Shrub	Intro; C2																					X			
<i>Orthosiphon stamineus</i>	Cat's whiskers	Shrub	LC								X																
<i>Otlochloa gracillima</i>		Grass	LC																	X							
<i>Oxalis corniculata</i>	Creeping oxalis	Herb	Intro																				X				
<i>Pachystachys lutea</i>	Golden candles	Herb	Intro								X																
<i>Pandanus tectorius</i>	Screw pine	Tree	LC								X																

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<i>Pandorea jasminoides</i>	Bower of beauty	Vine	LC									X															
<i>Parsonsia straminea</i>	Monkey rope	Vine	LC																				X				
<i>Paspalum dilatatum</i>	Paspalum	Grass	Intro														X										
<i>Paspalum distichum</i>	Water couch	Grass	LC														X										
<i>Pelliphorum pterocarpum</i>	Yellow poinciana	Tree	Intro						X				X														
<i>Pennisetum alopecuroides</i>	Swamp foxtail	Grass	Intro							X			X														
<i>Pennisetum clandestinum</i>	Kikuyu grass	Grass	Intro														X										
<i>Pentas lanceolata</i>	Egyptian star	Shrub	Intro								X																
<i>Persicaria attenuata</i>	A smartweed	Herb	LC																					X			
<i>Persicaria decipiens</i>	Slender knotweed	Herb	LC							X														X			
<i>Philodendron 'Xanadu'</i>		Herb	Intro									X															
<i>Philodendron bipinnatifidum</i>	Tree philodendron	Shrub	Intro									X													X		

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<i>Philodendron</i> spp.		Herb	Intro				X									X											
<i>Phoenix roebelenii</i>	Dwarf date palm	Palm	Intro									X															
<i>Phormium tenax</i> CVs	New Zealand flax	Herb	Intro								X																
<i>Phyllanthus multiflorus</i>		Shrub	Intro									X															
<i>Phyllanthus virgatus</i>		Herb	LC																								X
<i>Pinus eliotii</i>	Slash pine	Tree	Intro											X													
<i>Pinus roxburghii</i>	Chir pine	Tree	Intro									X															
<i>Pipturus argenteus</i>	White nettle	Shrub/ Tree	LC											X													
<i>Pitiosporum spinescens</i>	Large-fruited orange thorn	Shrub	LC																	X							
<i>Pitiosporum undulatum</i>	Sweet pitiosporum	Tree	LC																	X							
<i>Plantago lanceolata</i>	Common plantain	Herb	Intro																						X		
<i>Platyterium bifurcatum</i>	Elkhorn	Fern	LC																								

Botanical Name	Common Name	Form	Status: NC Act	Status: EPBC	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
<i>Plumbago auriculata</i>	Blue plumbago	Shrub	Intro								X																	
<i>Plumeria</i> sp.	Frangipani	Tree	Intro						X		X	X			X													
<i>Pongamia pinnata</i>	Indian beech tree	Tree	LC						X																			
<i>Portulaca pilosa</i>	Hairy pigweed	Herb	Intro														X							X				
<i>Portulacaria alfa</i>	Jade plant	Shrub	Intro																					X				
<i>Pseuderanthemum variable</i>	Love flower	Herb	LC																	X								
<i>Pteris</i> spp. And CVs	Brake	Fern	Intro								X																	
<i>Ptychosperma macarthurii</i>	Macarthur palm	Palm	LC								X																	
<i>Pyrostegia venusta</i>	Flame vine	Vine	Intro																					X				
<i>Rhaphiolepis indica</i>	Indian hawthorn	Shrub	Intro							X																		
<i>Rhododendron</i> sp.		Shrub	Intro									X																
<i>Richardia brasiliensis</i>	White eye	Herb	Intro																								X	

Botanical Name	Common Name	Form	Status: NC Act	Status: EPBC	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
<i>Ricinus communis</i>	Castor oil plant	Shrub	Intro																				X	X				
<i>Rosmarinus officinalis</i>	Rosemary	Shrub	Intro												X													
<i>Roystonea regia</i>	Cuban royal palm	Palm	Intro									X																
<i>Ruellia</i> sp.		Herb	Intro									X															X	
<i>Russelia equisetiformis</i>	Coral plant	Herb	Intro								X																	
<i>Salix</i> sp.	A willow	Tree	Intro									X																
<i>Salvia</i> CV	Salvia	Herb	Intro											X														
<i>Sansevieria trifasciata</i>	Mother-in-law's tongue	Herb	Intro													X									X			
<i>Schefflera actinophylla</i> ¹	Umbrella tree	Tree	LC																						X			
<i>Schinus molle</i> var. <i>areira</i>	Pepper tree	Tree	Intro																						X			
<i>Schinus terebinthifolius</i>	Broad-leaf pepper tree	Tree	Intro; C3																					X				
<i>Schofia brachypetala</i>	Parrot tree	Tree	Intro																									

Botanical Name	Common Name	Form	Status: NC Act	Status: EPBC	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
<i>Senna didymobotrya</i>		Shrub	Intro																			X					
<i>Senna obtusifolia</i>	Easter cassia	Shrub	Intro		X																						X
<i>Setaria pumila</i>	Pale pigeon grass	Grass	Intro																				X				
<i>Setaria sphacelata</i>	South African pigeon grass	Grass	Intro																				X				X
<i>Sida rhombifolia</i>	Common sida	Herb	Intro																				X		X		
<i>Solanum americanum</i>	Shining nightshade	Herb	Intro		X						X														X		
<i>Solanum mauritianum</i>	Wild tobacco tree	Shrub/ tree	Intro																					X			
<i>Solanum seaforthianum</i>	Brazilian nightshade	Vine	Intro											X													
<i>Solenostoma CVs</i>	Coleus	Herb	Intro								X																
<i>Sonchus oleraceus</i>	Common sow thistle	Herb	Intro		X					X								X						X			
<i>Sorghum halepense</i>	Johnson grass	Grass	Intro																				X				X
<i>Sphagneticola trilobata</i>	Singapore daisy	Herb	Intro; C3							X															X		X

Botanical Name	Common Name	Form	Status: NC Act	Status: EPBC	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
<i>Stenocarpus sinuatus</i>	Wheel of fire	Tree	LC						X																		
<i>Sterculia quadricfida</i>	Peanut tree	Tree	LC											X													
<i>Strelitzia nicotai</i>	Giant bird of paradise	Palm-like herb	Intro											X													
<i>Strelitzia reginae</i>	Bird of paradise	Herb	Intro		X							X															
<i>Stylosanthes hamata</i>	Stylo	Herb	Intro		X																						
<i>Suaeda australis</i>	A seablight	Herb	LC (F)				X																				
<i>Swietenia macrophylla</i>	Hondura mahogany	Tree	Intro									X															
<i>Syagrus romanzoffiana</i>	Queen palm	Palm	Intro						X															X			
<i>Synedrella nodiflora</i>	Cinderella weed	Herb	Intro		X																						
<i>Syngonium podophyllum</i>	Arrowhead vine	Vine	Intro				X					X															
<i>Syzygium "Cascade"</i>	Lilly pilly CV	Shrub	N/A		X																						

Botanical Name	Common Name	Form	Status: NC Act	Status: EPBC	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
<i>Syzygium australe</i>	Scrub cherry	Tree	LC			X												X									
<i>Syzygium australe</i> CV	Scrub cherry	Shrub	N/A						X		X																
<i>Syzygium luehmanna</i>	Small leaved lilly pilly	Tree	LC						X	X	X	X		X							X						
<i>Syzygium uniflora</i>	Surinam cherry	Tree	Intro										X														
<i>Syzygium wilsonii</i> subsp. <i>Wilsonii</i>	Powderpuff lilly pilly	Shrub	LC							X		X															
<i>Tabebuia chrysantha</i>		Tree	Intro									X					X										
<i>Tabebuia pallida</i>	Cuban pink trumpet tree	Tree	Intro									X	X		X												
<i>Taxodium distichum</i>	Swamp cypress	Tree	Intro								X	X		X													
<i>Thunbergia mysorensis</i>		Vine	Intro								X																
<i>Tipuana tipu</i>	Pride of Bolivia	Trees	Intro							X		X													X		
<i>Tithonia diversifolia</i>	Japanese sunflower	Shrub	Intro										X														

Botanical Name	Common Name	Form	Status: NC Act	Status: EPBC	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
<i>Tradescantia spathacea</i> (syn. <i>Rhoeo discolor</i>)	Moses-in-the-cradle	Herb	Intro									X															
<i>Tridax procumbens</i>	Tridax daisy	Herb	Intro		X				X							X							X				
<i>Typha orientalis</i>	Cumbungi	Aquatic herb	LC						X														X				
<i>Urochloa decumbens</i>	Signal grass	Grass	Intro																				X				X
<i>Urochloa mutica</i>	Para grass	Grass	Intro																				X	X	X		X
<i>Vallisneria nana</i>	Eelgrass	Aquatic herb	LC									X															
<i>Vappodes buggiba</i>	Mauve butterfly orchid	Orchid	LC									X															
<i>Wahlenbergia gracilis</i>	Small flowered bluebelly	Herb	LC		X																						
<i>Waterhousea floribunda</i>	Weeping lily pilly	Tree	LC		X					X																	
<i>Westringia fruticosa</i>	Coastal rosemary	Shrub	LC																								X

Botanical Name	Common Name	Form	Status: NC Act	Status: EPBC	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
<i>Wodyetia bifurcata</i>	Ponytail palm	Palm	V	V								X															
<i>Xanthorrhoea</i> sp.	A grasstree	Shrub										X															
<i>Xanthostemon chrysanthus</i>	Golden penda	Tree	LC								X																
<i>Yucca elephantipes</i>	Giant yucca	Tree	Intro								X					X											

Table Notes:

- NC Act = Nature Conservation Act 1992
- EPBC = Environment Protection and Biodiversity Conservation Act 1999
- V = Vulnerable
- R = Rare
- LC = Least Concern
- CV = cultivated variety
- Intro = Introduced
- (F) = A marine plant subject to the Fisheries Act 1994

Appendix G-5 Images of the VPOs and SLTs located within the study corridor

As part of the field survey, all vegetation under an individual VPO within the study corridor was inspected to confirm the species' identity and any other notable features. Nine (9) trees protected under an individual VPO were identified within the study corridor, photos of these species are included in **Table G-5-1**.

Table G-5-1 Significant vegetation protected under an individual VPO within the study corridor

Location	Species	Photo
Corner of Hudson St and Lisson St, Woolloowin (northern section)	<i>Ficus</i> sp. (Fig)	
27 Cintra Rd, Bowen Hills (northern section)	<i>Ficus</i> sp. (Fig)	
O'Connell Tce, Bowen Hills (northern section)	<i>Ficus</i> sp. (Fig)	

Location	Species	Photo
Leichardt St, Spring Hill (central section)	1 <i>Grevillea robusta</i> (Silky Oak), and 1 <i>Brachychiton</i> sp.	
Intersection of Eagle St, Queen St and Wharf St, Brisbane (central section)	<i>Ficus</i> sp. (Fig)	

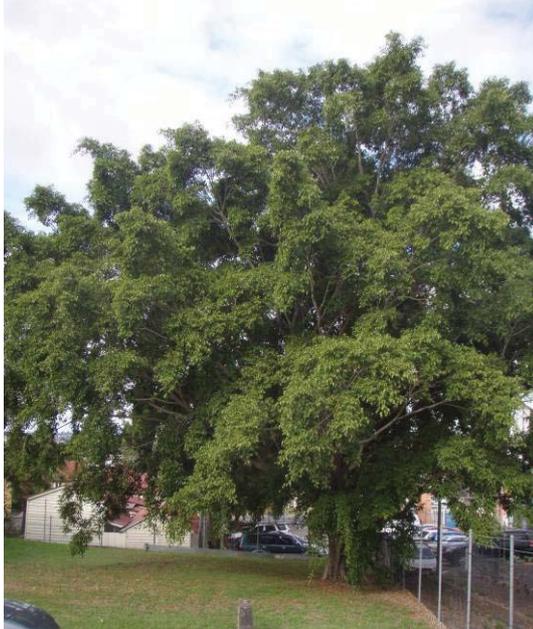
Location	Species	Photo
Lower River Tce, South Brisbane (central section)	<i>Ficus</i> sp. (Fig)	
Corner of Main and Quinton St, Kangaroo Point (central section)	<i>Ficus</i> sp. (Fig)	

Location	Species	Photo
Between 34 and 36 Lockhart St, Woolloongabba (central section)	<i>Araucaria cunninghamii</i> (Hoop pine)	
5 Belfast St, Yeronga (southern section)	<i>Ficus sp.</i> (Fig)	

In addition to these individual VPOs, there are also a number of other Significant Landscape Trees (SLT) identified by Brisbane City Council located within the study corridor. Photos of these are provided in **Table G-5-2**. It is noted that the last tree listed in this table located at 10 Lower River Terrace, South Brisbane is also listed under an individual VPO and has been included in both **Table G-5-1** and **Table G-5-2**.

Table G-5-2 Significant landscape trees within the study corridor

Significant Landscape Tree	Address	Lot & Plan	Photo
Mixed species comprising mainly of: <i>Ficus benjamina</i> (Weeping Fig), <i>Eucalyptus microcorys</i> (Tallowwood), <i>Grevillea robusta</i> (Silky Oak)	Rusk Street, Annerley (Area of land at the junction of Kent Street and Cornwall Street within the southern section)	Lot 42 RP37992	

Significant Landscape Tree	Address	Lot & Plan	Photo
Ficus benjamina (Weeping Fig)	58 Merton Road, Dutton Park. (Situated on the vacant lot adjacent to Park Road Railway Station) (central section)	Lot 111 B3224	
Ficus benjamina (Weeping Fig)	151 Annerley Road, Dutton Park (central section)	Lot 21 RP12289	

Significant Landscape Tree	Address	Lot & Plan	Photo
<i>Ficus</i> sp. (Fig)	10 Lower River Terrace, South Brisbane. (East side of main access driveway to South Bank Apartments via Vulture St) (central section)	Lot 1 RP181095	

All forms of vegetation identified under the NALL including Council Controlled Vegetation (CCV), Vegetation Protection Order (VPO), Significant Native Vegetation (SNV), Valued Urban Vegetation (VUV), Waterway Vegetation (WAV), Wetland Vegetation (WEV), Significant Landscape Trees (SLT) as well as VPO protected trees are identified in **Figures 11-6 to Figure 11-9** in **Chapter 11 Nature Conservation**.

Appendix G-6 Fauna Survey List

Appendix G-6 Fauna Survey List

Study sites:

1. Yowoggera Park, Breakfast Creek
2. Windsor Park
3. Flynn Oval/Mann Park, Windsor
4. Perry Park, Bowen Hills
5. Royal National Association Grounds Bowen Hills (Exhibition)
6. Victoria Park
7. Roma Street Parkland
8. City Botanical Gardens
9. Count White Park, Kangaroo Point
10. Dutton Park and Cemetery (in Dutton Park)
11. Gair Park
12. JF O'Grady Memorial Park
13. Green space located along Railway Road between Bedosloe and Sunbeam Streets, Fairfield
14. Robinson Park, Fairfield
15. Southern extent of Fehlberg Park, Yeronga
16. Lagonda Park, Annerley
17. Rowlinson Park, Nelson Street, Yeronga
18. Brisbane Golf Club, Yeerongpilly
19. Green space (Melbourne Street) Rocky Water Holes Creek, Moorooka
20. Peter Scott Skate Park, Moorooka
21. Green space (Railway Terrace) Rocky Water Holes Creek, Moorooka
22. Kookaburra Park, Rocklea
23. Dollis Street green space, Rocklea

Botanical Name	Common Name	Status: NC Act	Status: EPBC	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Birds																										
<i>Acridotheres tristis</i>	Common myna	Intro																			X					
<i>Alectura lathamii</i>	Australian brush-turkey	LC																X								
<i>Anas platyrhynchos</i>	Mallard	Intro									X															
<i>Anas superciliosa</i>	Pacific black duck	LC							X		X													X		
<i>Aythya australis</i>	Hardhead	LC									X															
<i>Burhinus grallarius</i>	Bush stone-curlew	LC							X		X															

Botanical Name	Common Name	Status: NC Act	Status: EPBC	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
<i>Butorides striatus</i>	Striated heron	LC										X														
<i>Chenonetta jubata</i>	Wood duck	LC							X															X		
<i>Cisticola exilis</i>	Golden-headed cisticola	LC																			X					
<i>Columba livia</i>	Feral pigeon	Intro						X																		
<i>Coracina novaehollandiae</i>	Black-faced cuckoo-shrike	LC		X																	X					
<i>Corvus orru</i>	Torresian crow	LC									X				X							X				X
<i>Cracticus nigrogularis</i>	Pied butcherbird	LC				X		X								X						X				X
<i>Dacelo novaeguineae</i>	Laughing kookaburra	LC																						X		
<i>Dicaeum hirundinaceum</i>	Mistletoe bird	LC																				X				X
<i>Egretta alba</i>	Great egret	LC																				X				X
<i>Ertomyzon cyanotis</i>	Blue-faced honeyeater	LC						X		X																
<i>Eolophus roseicapilla</i>	Galah	LC																X					X			
<i>Fulica atra</i>	Eurasian coot	LC																								
<i>Gallinula tenebrosa</i>	Dusky moorhen	LC						X		X	X														X	
<i>Gerygone levigaster</i>	Mangrove gerygone	LC		X																						
<i>Grallina cyanoleuca</i>	Magpie-lark	LC								X																

Botanical Name	Common Name	Status: NC Act	Status: EPBC	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
<i>Gymnorhina tibicen</i>	Australian magpie	LC						X	X				X		X						X				X	
<i>Haliastur sphenurus</i>	Whistling kite	LC																							X	
<i>Hirundo neoxena</i>	Welcome swallow	LC	Marine	X					X	X															X	
<i>Lichmera indistincta</i>	Brown honeyeater	LC							X	X																
<i>Lonchura punctulata</i>	Spice finch	Intro																			X					
<i>Malurus cyaneus</i>	Superb fairy-wren	LC																			X					
<i>Malurus sp.</i>	(He)	LC								X																
<i>Manorina melanoccephala</i>	Noisy miner	LC			X	X	X	X	X	X					X	X					X		X	X		
<i>Ninox boobook</i>	Southern boobook owl (He)	LC											X													
<i>Ocyphaps lophotes</i>	Crested pigeon	LC							X														X			
<i>Pardalotus striatus</i>	Striated pardalote	LC																				X				
<i>Phalacrocorax sulcirostris</i>	Little black cormorant	LC							X																	
<i>Platycercus adscitus</i>	Pale headed rosella	LC		X									X												X	
<i>Podargus strigoides</i>	Tawny frogmouth	LC											X													
<i>Porphyrio porphyrio</i>	Purple swamphen	LC							X																	
<i>Rhipidura albiscapa</i>	Grey fantail	LC										X														
<i>Rhipidura leucophrys</i>	Willie wagtail	LC							X													X				

Botanical Name	Common Name	Status: NC Act	Status: EPBC	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
<i>Spherotheres vieilloti</i>	Australasian figbird	LC		X							X					X											
<i>Strepera graculina</i>	Pied currawong	LC						X																			
<i>Threskiornis molucca</i>	Australian white ibis	LC		X				X		X					X												
<i>Trichoglossus chlorolepidotus</i>	Scaly breasted lorikeet	LC										X											X				
<i>Trichoglossus haematodus</i>	Rainbow lorikeet	LC			X								X			X						X	X	X		X	
<i>Vanellus miles</i>	Masked lapwing	LC																				X					
<i>Zosterops lateralis</i>	Silvereye	LC	Marine							X																	
Mammals																											
<i>Felis catus</i>	Domestic cat	Intro										X															
<i>Pseudocheirus peregrinus</i>	Ring-tailed possum	LC								X									X								
<i>Pteropus alecto</i>	Black flying fox	LC							X	X	X		X														
<i>Pteropus poliocephalus</i>	Grey-headed flying fox	LC								X																	
<i>Tadarida australis</i>	White-striped mastiff bat	LC																									
<i>Trichosurus vulpecula</i>	Common brushtail possum	LC						X	X	X	X		X						X								
<i>Vulpes vulpes</i>	European red fox	Intro							X																		
Reptiles																											

Botanical Name	Common Name	Status: NC Act	Status: EPBC	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
<i>Hemidactylus frenatus</i>	Asian house gecko	Intro								X			X			X										
<i>Lamprolaima delicata</i>	Garden skink	LC																					X			
<i>Physignathus lesueurii</i>	Eastern water dragon	LC								X	X	X														
<i>Pogona barbata</i>	Bearded dragon	LC							X																	
Amphibians																										
<i>Litoria fallax</i>	Eastern sedge frog	LC							X																	
<i>Limnodynastes peronii</i>	Striped marsh frog	LC							X																	
<i>Rhinella marina</i>	Cane toad	Intro							X	X	X															
Fish																										
<i>Gambusia holbrookei</i>	Mosquito fish	Intro							X														X		X	

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 Intro = Intro