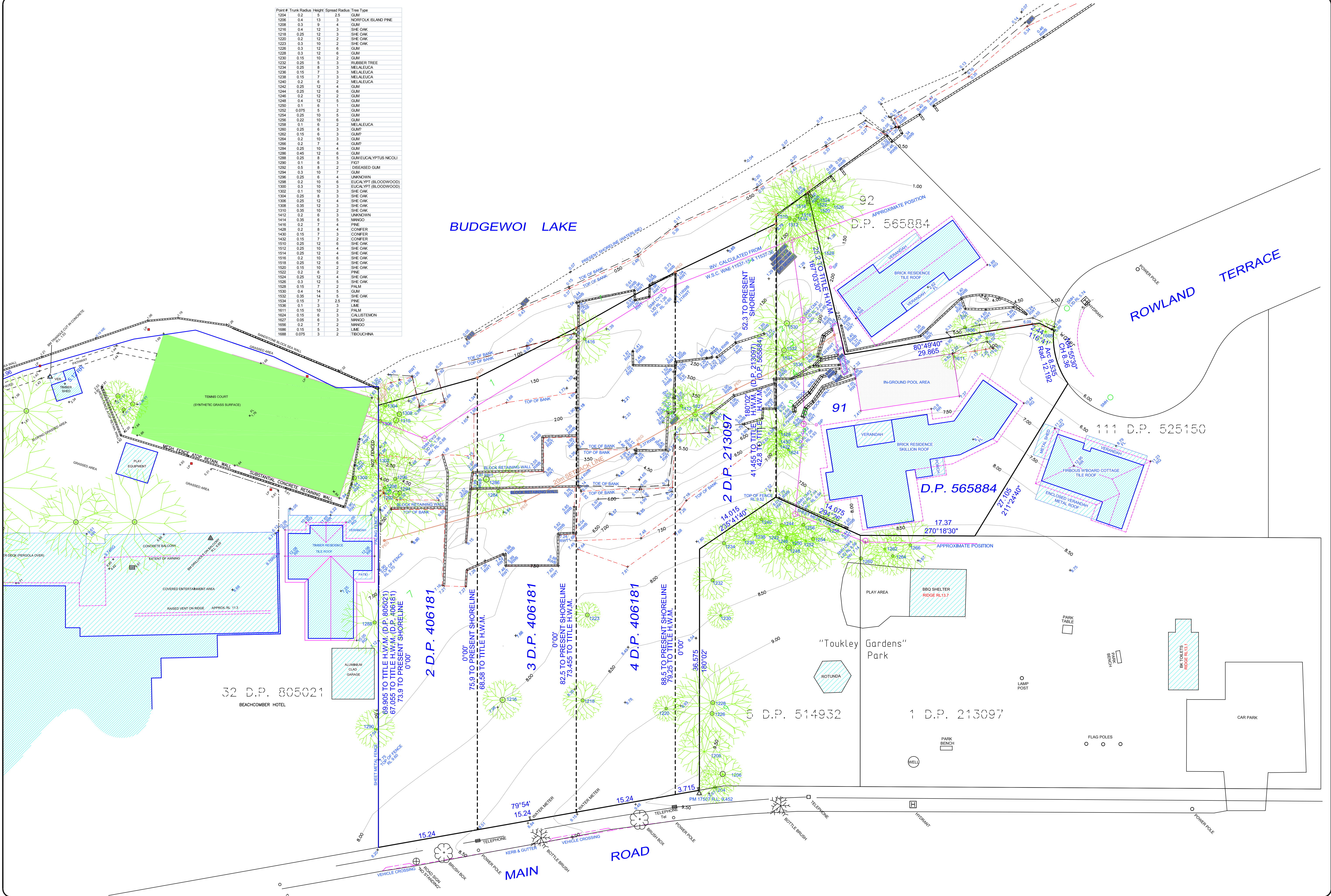


Point #	Trunk Radius	Height	Spread Radius	Tree Type
1204	0.2	5	2.5	GUM
1206	0.4	13	3	NORFOLK ISLAND PINE
1208	0.3	9	4	GUM
1216	0.4	12	3	SHE OAK
1218	0.25	12	3	SHE OAK
1220	0.2	12	2	SHE OAK
1223	0.3	10	2	SHE OAK
1226	0.3	12	6	GUM
1228	0.3	12	6	GUM
1230	0.15	10	2	GUM
1232	0.25	5	3	RUBBER TREE
1234	0.25	8	3	MELALEUCA
1236	0.15	7	3	MELALEUCA
1238	0.15	7	3	MELALEUCA
1240	0.2	6	2	MELALEUCA
1242	0.25	12	4	GUM
1244	0.25	12	6	GUM
1246	0.2	12	2	GUM
1248	0.4	12	5	GUM
1250	0.1	6	1	GUM
1252	0.075	5	2	GUM
1254	0.25	10	5	GUM
1256	0.22	10	6	GUM
1258	0.1	6	2	MELALEUCA
1260	0.25	6	3	GUM?
1262	0.15	6	3	GUM?
1264	0.2	10	3	GUM
1266	0.2	7	4	GUM?
1268	0.25	10	4	GUM
1269	0.45	12	6	GUM
1288	0.25	8	5	GUM EUCALYPTUS NICOLI
1290	0.1	6	3	FIG?
1292	0.5	8	2	DISEASED GUM
1294	0.3	10	7	GUM
1296	0.25	6	4	UNKNOWN
1298	0.2	10	6	EUCALYPT (BLOODWOOD)
1300	0.3	10	3	EUCALYPT (BLOODWOOD)
1302	0.1	10	3	SHE OAK
1304	0.25	8	3	SHE OAK
1306	0.25	12	4	SHE OAK
1308	0.35	12	3	SHE OAK
1310	0.35	10	2	SHE OAK
1412	0.2	6	3	UNKNOWN
1414	0.35	6	5	MANGO
1416	0.2	7	4	PINE
1428	0.2	8	4	CONFER
1430	0.15	7	3	CONFER
1432	0.15	7	2	CONFER
1510	0.25	12	6	SHE OAK
1512	0.25	10	4	SHE OAK
1514	0.25	12	4	SHE OAK
1516	0.2	10	6	SHE OAK
1518	0.25	12	6	SHE OAK
1520	0.15	10	2	SHE OAK
1522	0.2	6	2	PINE
1524	0.25	12	4	SHE OAK
1526	0.3	12	5	SHE OAK
1528	0.15	7	2	PALM
1530	0.4	14	5	GUM
1532	0.35	14	5	SHE OAK
1534	0.15	7	2.5	PINE
1536	0.1	3	3	LIME
1511	0.15	10	2	PALM
1624	0.15	6	3	CALLISTEMON
1627	0.05	6	3	MANGO
1656	0.2	7	2	MANGO
1666	0.15	5	3	LIME
1688	0.075	3	2	TIROUCHINA



SCALE: 1:250 @ A1
DATING: AHD
Origin of Levels: PM 17507
BM: RL 9.452 AHD
CONTOUR INTERVAL: 0.5m

DRAWING FILE: 9810A.dwg
DATE: 6/05/2009
DRAWN BY: F.G.D.
CHECKED BY: M.R.

OUR REFERENCE NO: 9810A

PREPARED BY:
Rolls & Associates Surveyors
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PLAN OF SEWER MANHOLE POSITIONS, TREES & DETAILS & LEVELS OF LOTS 2, 3 & 4 D.P.406181, LOT 2 D.P.213097 & LOT 91 D.P.565884 .BEING 216 TO 222 MAIN RD & 21 ROWLAND TERRACE , TOUKLEY FOR RUSTRUM P/L

RG DENOTES ROOF GUTTER LEVEL
RR DENOTES ROOF RIDGE LEVEL
FL DENOTES FLOOR LEVEL
SIP DENOTES SEWER INSPECTION PIT
WM DENOTES WATER METER
RWB DENOTES LEVEL AT BOTTOM OF RETAINING WALL
RWT DENOTES LEVEL AT TOP OF RETAINING WALL
SMH DENOTES SEWER MANHOLE

ATTACHMENT 2 EPBC PROTECTED MATTERS REPORT



Australian Government

Department of the Environment, Water, Heritage and the Arts

Protected Matters Search Tool

You are here: [Environment Home](#) > [EPBC Act](#) > [Search](#)

19 January 2009 13:53

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.

You may wish to print this report for reference before moving to other pages or websites.

The Australian Natural Resources Atlas at <http://www.environment.gov.au/atlas> may provide further environmental information relevant to your selected area. Information about the EPBC Act including significance guidelines, forms and application process details can be found at <http://www.environment.gov.au/epbc/assessmentsapprovals/index.html>

Search Type: Point
Buffer: 1 km
Coordinates: -33.26277,151.5366



Report Contents: [Summary](#)
[Details](#)

- [Matters of NES](#)
- [Other matters protected by the EPBC Act](#)
- [Extra Information](#)

[Caveat](#)
[Acknowledgments](#)



This map may contain data which are
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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 - see <http://www.environment.gov.au/epbc/assessmentsapprovals/guidelines/index.html>.

World Heritage Properties:	None
National Heritage Places:	None
Wetlands of International Significance: (Ramsar Sites)	None
Commonwealth Marine Areas:	None
Threatened Ecological Communities:	None

Threatened Species:	14
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 and the heritage values of a place on the Register of the National Estate. Information on the new heritage laws can be found at <http://www.environment.gov.au/heritage/index.html>.

Please note that the current dataset on Commonwealth land is not complete. Further information on Commonwealth land would need to be obtained from relevant sources including Commonwealth agencies, local agencies, and land tenure maps.

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. Information on EPBC Act permit requirements and application forms can be found at <http://www.environment.gov.au/epbc/permits/index.html>.

Commonwealth Lands:	2
Commonwealth Heritage Places:	None
Places on the RNE:	None
Listed Marine Species:	14
Whales and Other Cetaceans:	None
Critical Habitats:	None
Commonwealth Reserves:	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
Other Commonwealth Reserves:	None
Regional Forest Agreements:	1

Details

Matters of National Environmental Significance

Threatened Species [Dataset Information]	Status	Type of Presence
Birds		
Lathamus discolor Swift Parrot	Endangered	Species or species habitat may occur within area
Rostratula australis Australian Painted Snipe	Vulnerable	Species or species habitat may occur within area
Frogs		
Heleioporus australiacus Giant Burrowing Frog	Vulnerable	Species or species habitat likely to occur within area
Litoria aurea Green and Golden Bell Frog	Vulnerable	Species or species habitat may occur within area

[Litoria littlejohni](#)

Littlejohn's Tree Frog, Heath Frog

Vulnerable	Species or species habitat may occur within area
------------	--

Mammals[Chalinolobus dwyeri](#)

Large-eared Pied Bat, Large Pied Bat

Vulnerable	Species or species habitat may occur within area
------------	--

[Dasyurus maculatus maculatus \(SE mainland population\)](#)

Spot-tailed Quoll, Spotted-tail Quoll, Tiger Quoll (southeastern mainland population)

Endangered	Species or species habitat may occur within area
------------	--

[Petrogale penicillata](#)

Brush-tailed Rock-wallaby

Vulnerable	Species or species habitat may occur within area
------------	--

[Potorous tridactylus tridactylus](#)

Long-nosed Potoroo (SE mainland)

Vulnerable	Species or species habitat may occur within area
------------	--

[Pteropus poliocephalus](#)

Grey-headed Flying-fox

Vulnerable	Species or species habitat likely to occur within area
------------	--

Plants[Caladenia tessellata](#)

Thick-lipped Spider-orchid, Daddy Long-legs

Vulnerable	Species or species habitat likely to occur within area
------------	--

[Cryptostylis hunteriana](#)

Leafless Tongue-orchid

Vulnerable	Species or species habitat may occur within area
------------	--

[Eucalyptus camfieldii](#)

Camfield's Stringybark

Vulnerable	Species or species habitat likely to occur within area
------------	--

[Tetratheca juncea](#)

Vulnerable	Species or species habitat likely to occur within area
------------	--

Migratory Species [[Dataset Information](#)]

Status	Type of Presence
--------	------------------

Migratory Terrestrial Species**Birds**[Haliaeetus leucogaster](#)

White-bellied Sea-Eagle

Migratory	Species or species habitat likely to occur within area
-----------	--

[Hirundapus caudacutus](#)

White-throated Needletail

Migratory	Species or species habitat may occur within area
-----------	--

[Merops ornatus](#)

Rainbow Bee-eater

Migratory	Species or species habitat may occur within area
-----------	--

[Monarcha melanopsis](#)

Black-faced Monarch

Migratory	Breeding may occur within area
-----------	--------------------------------

[Myiagra cyanoleuca](#)

Satin Flycatcher

Migratory	Breeding likely to occur within area
-----------	--------------------------------------

[Rhipidura rufifrons](#)

Rufous Fantail

Migratory	Breeding may occur within area
-----------	--------------------------------

[Xanthomyza phrygia](#)

Regent Honeyeater

Migratory	Species or species habitat likely to occur within area
-----------	--

Migratory Wetland Species**Birds**[Ardea alba](#)

Great Egret, White Egret

Migratory	Species or species habitat may occur within area
-----------	--

[Ardea ibis](#)

Cattle Egret

Migratory	Species or species habitat may occur within area
-----------	--

[Calidris acuminata](#)

Sharp-tailed Sandpiper

Migratory	Species or species habitat likely to occur within area
-----------	--

[Charadrius mongolus](#)

Lesser Sand Plover, Mongolian Plover

Migratory	Species or species habitat likely to occur within area
-----------	--

[Gallinago hardwickii](#)

Latham's Snipe, Japanese Snipe

Migratory	Species or species habitat may occur within area
-----------	--

[Rostratula benghalensis s. lat.](#)

Painted Snipe

Migratory	Species or species habitat may occur within area
-----------	--

Migratory Marine Birds[Apus pacificus](#)

Fork-tailed Swift

Migratory Species or species habitat may occur within area

[Ardea alba](#)

Great Egret, White Egret

Migratory Species or species habitat may occur within area

[Ardea ibis](#)

Cattle Egret

Migratory Species or species habitat may occur within area

Other Matters Protected by the EPBC ActListed Marine Species [[Dataset Information](#)]

Status

Type of Presence

Birds[Apus pacificus](#)

Fork-tailed Swift

Listed -
overfly
marine
area

Species or species habitat may occur within area

[Ardea alba](#)

Great Egret, White Egret

Listed -
overfly
marine
area

Species or species habitat may occur within area

[Ardea ibis](#)

Cattle Egret

Listed -
overfly
marine
area

Species or species habitat may occur within area

[Calidris acuminata](#)

Sharp-tailed Sandpiper

Listed

Species or species habitat likely to occur within area

[Charadrius mongolus](#)

Lesser Sand Plover, Mongolian Plover

Listed

Species or species habitat likely to occur within area

[Gallinago hardwickii](#)

Latham's Snipe, Japanese Snipe

Listed -
overfly
marine
area

Species or species habitat may occur within area

[Haliaeetus leucogaster](#)

White-bellied Sea-Eagle

Listed

Species or species habitat likely to occur within area

[Hirundapus caudacutus](#)

White-throated Needletail

Listed -
overfly
marine
area

Species or species habitat may occur within area

[Lathamus discolor](#)

Swift Parrot

Listed -
overfly
marine
area

Species or species habitat may occur within area

[Merops ornatus](#)

Rainbow Bee-eater

Listed -
overfly
marine
area

Species or species habitat may occur within area

[Monarcha melanopsis](#)

Black-faced Monarch

Listed -
overfly
marine
area

Breeding may occur within area

[Myiagra cyanoleuca](#)

Satin Flycatcher

Listed -
overfly
marine
area

Breeding likely to occur within area

[Rhipidura rufifrons](#)

Rufous Fantail

Listed -
overfly
marine
area

Breeding may occur within area

[Rostratula benghalensis s. lat.](#)

Painted Snipe

Listed -
overfly
marine
area

Species or species habitat may occur within area

Commonwealth Lands [[Dataset Information](#)]

Communications, Information Technology and the Arts -
Australian Postal Corporation

Communications, Information Technology and the Arts -
Telstra Corporation Limited

Extra Information

Regional Forest Agreements [[Dataset Information](#)]

Note that all RFA areas including those still under consideration have been included.

Lower North East NSW RFA, New South Wales

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 Heritage and Register of National Estate properties, Wetlands of International 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.

For species where the distributions are well known, maps are digitised from sources such as recovery plans and detailed habitat studies. Where appropriate, core breeding, foraging and roosting areas are indicated under "type of presence". For species whose distributions are less well known, point locations are collated from government wildlife authorities, museums, and non-government organisations; bioclimatic distribution models are generated and these validated by experts. In some cases, the distribution maps are based solely on expert knowledge.

Only selected species covered by the [migratory](#) and [marine](#) provisions of the Act have been mapped.

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.

Acknowledgments

This database has been compiled from a range of data sources. The Department acknowledges the following custodians who have contributed valuable data and advice:

- [New South Wales National Parks and Wildlife Service](#)
- [Department of Sustainability and Environment, Victoria](#)
- [Department of Primary Industries, Water and Environment, Tasmania](#)
- [Department of Environment and Heritage, South Australia Planning SA](#)
- [Parks and Wildlife Commission of the Northern Territory](#)
- [Environmental Protection Agency, Queensland](#)
- [Birds Australia](#)
- [Australian Bird and Bat Banding Scheme](#)
- [Australian National Wildlife Collection](#)
- Natural history museums of Australia
- [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, Atherton and Canberra](#)
- [University of New England](#)
- Other groups and individuals

[ANUCLiM Version 1.8, Centre for Resource and Environmental Studies, Australian National University](#) was used extensively for the production of draft maps of species distribution. Environment Australia is extremely grateful to the many organisations and individuals who provided expert advice and information on numerous draft distributions.

Last updated: Thursday, 20-Nov-2008 14:17:56 EST

[Department of the Environment, Water, Heritage and the Arts](#)

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