

Our Ref: HRP01179  
Contact: David Francis



13 October 2015

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Attention: David Perkins

Phone: 61 7 3369 9822  
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Dear David

### Curtis Island

[www.cardno.com.au](http://www.cardno.com.au)

We refer to the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act) referral for Curtis Island resort and likely impacts on threatened ecological communities and species and migratory species listed under the Act (i.e. scheduled communities and species). We have considered the known or likely presence of scheduled communities and species and whether development of the resort is likely to have a significant impact on them.

Development has the potential to impact scheduled communities and species either directly (i.e. through direct removal of communities, individuals and/or habitat) or indirectly (e.g. through the introduction of pests, changes in water quality). It is important to consider that most direct impacts, that is those associated with clearing, were approved by the Queensland Department of Natural Resources and Mines on 29 November 2005, (see **Attachment 1**). A separate approval to clear approximately 250m<sup>2</sup> of mangroves was also attained from the Queensland Department of Primary Industries and Fisheries. Clearing rights granted under these approvals were exercised prior to 31 December 2006.

In undertaking our assessment we have reviewed:

- > The current Protected Matters Search Tool (PMST) database extract encompassing the resort locality (see **Attachment 2**);
- > Atlas of Living Australia records (**Attachment 3**);
- > The ecological assessment conducted by Chenoweth Environmental Planning and Landscape Architecture (CEPLA) in 2002 (**Attachment 4**); and
- > A fauna assessment undertaken by Native Foresters (**Attachment 5**).

**Attachment 6** presents the current Regional Ecosystem (RE) mapping for the area.

**Attachment 7** is a figure illustrating the location of major resort infrastructure.

**Attachment 8** presents an assessment of the known or likely presence scheduled communities and species based on prevailing habitats and previous assessments.

One Threatened Ecological Community (TEC), Littoral Rainforest and Coastal Vine Thickets of Eastern Australia, occurs within the vicinity of the resort infrastructure. This TEC was listed on 10 October 2008. Regional Ecosystem (RE) 12.2.2 equates to this TEC and is mapped by the Queensland Government as a component of remnant vegetation (see **Attachment 6**) adjacent the existing clearing footprint. Whilst no direct impacts to this community are anticipated as a result of the construction and operation of the resort, indirect impacts as result of incursion of exotic weed species could potentially occur in the absence of appropriate mitigation measures. As part of the local government approval Council has conditioned

measures to prevent the introduction of weeds and furthermore the proponent has committed to utilising local native plants in landscapes, as such the risk of introduction of weeds has been mitigated..

An assessment against the significant impact guidelines for EPBC Act listed threatened ecological communities, species and migratory species which are known or likely to occur within the vicinity of the resort development was undertaken (**Attachment 9**). The results of this assessment indicate that it is unlikely the resort development will have a significant impact on these matters of national environmental significance.

If you require further information please do not hesitate to contact me.

Yours faithfully,



David Francis  
Principal Environmental Scientist  
For Cardno  
3877 6909

Enc:

- > Attachment 1 – Tree Clearing Permit;
- > Attachment 2 – PMST database extract;
- > Attachment 3 – Atlas of Living Australia Records;
- > Attachment 4 – CEPLA ecological assessment;
- > Attachment 5 – Native Foresters fauna assessment;
- > Attachment 6 – Regional Ecosystem Mapping;
- > Attachment 7 – Location of resort infrastructure;
- > Attachment 8 – Assessment of known or likely presence of EPBC Act scheduled communities and species;
- > Attachment 9 – Significant impact assessment
- >

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**Attachment 1**  
**Tree Clearing Permits**



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**Attachment 2**  
**PMST Database Extract**



# EPBC Act Protected Matters Report

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

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

Information is available about [Environment Assessments](#) and the EPBC Act including significance guidelines, forms and application process details.

Report created: 25/08/15 11:33:08

## [Summary](#)

### [Details](#)

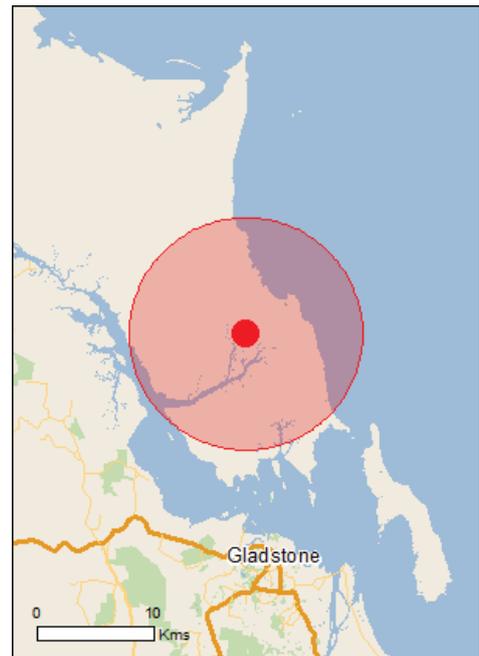
[Matters of NES](#)

[Other Matters Protected by the EPBC Act](#)

[Extra Information](#)

### [Caveat](#)

### [Acknowledgements](#)



This map may contain data which are  
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[Coordinates](#)

Buffer: 10.0Km



# Summary

## Matters of National Environmental Significance

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

<a href="#">World Heritage Properties:</a>	1
<a href="#">National Heritage Places:</a>	1
<a href="#">Wetlands of International Importance:</a>	None
<a href="#">Great Barrier Reef Marine Park:</a>	4
<a href="#">Commonwealth Marine Area:</a>	None
<a href="#">Listed Threatened Ecological Communities:</a>	2
<a href="#">Listed Threatened Species:</a>	30
<a href="#">Listed Migratory Species:</a>	55

## Other Matters Protected by the EPBC Act

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

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

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.

<a href="#">Commonwealth Land:</a>	None
<a href="#">Commonwealth Heritage Places:</a>	None
<a href="#">Listed Marine Species:</a>	96
<a href="#">Whales and Other Cetaceans:</a>	12
<a href="#">Critical Habitats:</a>	None
<a href="#">Commonwealth Reserves Terrestrial:</a>	None
<a href="#">Commonwealth Reserves Marine:</a>	None

## Extra Information

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

<a href="#">State and Territory Reserves:</a>	4
<a href="#">Regional Forest Agreements:</a>	None
<a href="#">Invasive Species:</a>	20
<a href="#">Nationally Important Wetlands:</a>	3
<a href="#">Key Ecological Features (Marine)</a>	None

# Details

## Matters of National Environmental Significance

### World Heritage Properties [\[ Resource Information \]](#)

Name	State	Status
<a href="#">Great Barrier Reef</a>	QLD	Declared property

### National Heritage Properties [\[ Resource Information \]](#)

Name	State	Status
Natural		
<a href="#">Great Barrier Reef</a>	QLD	Listed place

### Great Barrier Reef Marine Park [\[ Resource Information \]](#)

Type	Zone	IUCN
Conservation Park	CP-23-4109	IV
General Use	GU-21-6016	VI
Habitat Protection	HP-23-5367	VI
Marine National Park	MNP-23-1167	II

### Listed Threatened Ecological Communities [\[ Resource Information \]](#)

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

Name	Status	Type of Presence
<a href="#">Littoral Rainforest and Coastal Vine Thickets of Eastern Australia</a>	Critically Endangered	Community likely to occur within area
<a href="#">Weeping Myall Woodlands</a>	Endangered	Community may occur within area

### Listed Threatened Species [\[ Resource Information \]](#)

Name	Status	Type of Presence
Birds		
<a href="#">Botaurus poiciloptilus</a> Australasian Bittern [1001]	Endangered	Species or species habitat may occur within area
<a href="#">Calidris ferruginea</a> Curlew Sandpiper [856]	Critically Endangered	Roosting known to occur within area
<a href="#">Cyclopsitta diophthalma coxeni</a> Coxen's Fig-Parrot [59714]	Endangered	Species or species habitat may occur within area
<a href="#">Erythrorchis radiatus</a> Red Goshawk [942]	Vulnerable	Species or species habitat known to occur within area
<a href="#">Fregetta grallaria grallaria</a> White-bellied Storm-Petrel (Tasman Sea), White-bellied Storm-Petrel (Australasian) [64438]	Vulnerable	Species or species habitat likely to occur within area
<a href="#">Geophaps scripta scripta</a> Squatter Pigeon (southern) [64440]	Vulnerable	Species or species habitat known to occur within area
<a href="#">Macronectes giganteus</a> Southern Giant Petrel [1060]	Endangered	Species or species habitat may occur within area
<a href="#">Neochmia ruficauda ruficauda</a> Star Finch (eastern), Star Finch (southern) [26027]	Endangered	Species or species habitat likely to occur

Name	Status	Type of Presence
<a href="#">Numenius madagascariensis</a> Eastern Curlew [847]	Critically Endangered	Roosting known to occur within area
<a href="#">Phoebetria fusca</a> Sooty Albatross [1075]	Vulnerable	Species or species habitat may occur within area
<a href="#">Pterodroma neglecta neglecta</a> Kermadec Petrel (western) [64450]	Vulnerable	Foraging, feeding or related behaviour may occur within area
<a href="#">Thalassarche melanophris impavida</a> Campbell Albatross [82449]	Vulnerable	Species or species habitat may occur within area
<a href="#">Turnix melanogaster</a> Black-breasted Button-quail [923]	Vulnerable	Species or species habitat likely to occur within area
<b>Mammals</b>		
<a href="#">Balaenoptera musculus</a> Blue Whale [36]	Endangered	Species or species habitat may occur within area
<a href="#">Megaptera novaeangliae</a> Humpback Whale [38]	Vulnerable	Breeding known to occur within area
<a href="#">Xeromys myoides</a> Water Mouse, False Water Rat, Yirrkoo [66]	Vulnerable	Species or species habitat likely to occur within area
<b>Other</b>		
<a href="#">Cycas megacarpa</a> [55794]	Endangered	Species or species habitat likely to occur within area
<a href="#">Cycas ophiolitica</a> [55797]	Endangered	Species or species habitat likely to occur within area
<b>Plants</b>		
<a href="#">Cupaniopsis shirleyana</a> Wedge-leaf Tuckeroo [3205]	Vulnerable	Species or species habitat likely to occur within area
<a href="#">Phaius australis</a> Lesser Swamp-orchid [5872]	Endangered	Species or species habitat likely to occur within area
<a href="#">Samadera bidwillii</a> [29708]	Vulnerable	Species or species habitat likely to occur within area
<b>Reptiles</b>		
<a href="#">Caretta caretta</a> Loggerhead Turtle [1763]	Endangered	Foraging, feeding or related behaviour known to occur within area
<a href="#">Chelonia mydas</a> Green Turtle [1765]	Vulnerable	Breeding known to occur within area
<a href="#">Dermochelys coriacea</a> Leatherback Turtle, Leathery Turtle, Luth [1768]	Endangered	Breeding likely to occur within area
<a href="#">Eretmochelys imbricata</a> Hawksbill Turtle [1766]	Vulnerable	Species or species habitat known to occur within area
<a href="#">Lepidochelys olivacea</a> Olive Ridley Turtle, Pacific Ridley Turtle [1767]	Endangered	Breeding likely to occur within area

Name	Status	Type of Presence
<a href="#">Natator depressus</a> Flatback Turtle [59257]	Vulnerable	Breeding known to occur within area
<b>Sharks</b>		
<a href="#">Carcharodon carcharias</a> Great White Shark [64470]	Vulnerable	Species or species habitat known to occur within area
<a href="#">Pristis zijsron</a> Green Sawfish, Dindagubba, Narrowsnout Sawfish [68442]	Vulnerable	Breeding may occur within area
<a href="#">Rhincodon typus</a> Whale Shark [66680]	Vulnerable	Species or species habitat may occur within area

### Listed Migratory Species [ [Resource Information](#) ]

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

Name	Threatened	Type of Presence
<b>Migratory Marine Birds</b>		
<a href="#">Apus pacificus</a> Fork-tailed Swift [678]		Species or species habitat likely to occur within area
<a href="#">Macronectes giganteus</a> Southern Giant Petrel [1060]	Endangered	Species or species habitat may occur within area
<a href="#">Phoebastria fusca</a> Sooty Albatross [1075]	Vulnerable	Species or species habitat may occur within area
<a href="#">Puffinus carneipes</a> Flesh-footed Shearwater, Fleshy-footed Shearwater [1043]		Species or species habitat likely to occur within area
<a href="#">Sterna albifrons</a> Little Tern [813]		Species or species habitat may occur within area
<a href="#">Thalassarche impavida</a> Campbell Albatross [64459]	Vulnerable*	Species or species habitat may occur within area
<b>Migratory Marine Species</b>		
<a href="#">Balaenoptera edeni</a> Bryde's Whale [35]		Species or species habitat may occur within area
<a href="#">Balaenoptera musculus</a> Blue Whale [36]	Endangered	Species or species habitat may occur within area
<a href="#">Carcharodon carcharias</a> Great White Shark [64470]	Vulnerable	Species or species habitat known to occur within area
<a href="#">Caretta caretta</a> Loggerhead Turtle [1763]	Endangered	Foraging, feeding or related behaviour known to occur within area
<a href="#">Chelonia mydas</a> Green Turtle [1765]	Vulnerable	Breeding known to occur within area
<a href="#">Crocodylus porosus</a> Salt-water Crocodile, Estuarine Crocodile [1774]		Species or species habitat likely to occur within area
<a href="#">Dermochelys coriacea</a> Leatherback Turtle, Leathery Turtle, Luth [1768]	Endangered	Breeding likely to occur within area

Name	Threatened	Type of Presence
<a href="#">Dugong dugon</a> Dugong [28]		Species or species habitat known to occur within area
<a href="#">Eretmochelys imbricata</a> Hawksbill Turtle [1766]	Vulnerable	Species or species habitat known to occur within area
<a href="#">Lamna nasus</a> Porbeagle, Mackerel Shark [83288]		Species or species habitat may occur within area
<a href="#">Lepidochelys olivacea</a> Olive Ridley Turtle, Pacific Ridley Turtle [1767]	Endangered	Breeding likely to occur within area
<a href="#">Manta birostris</a> Giant Manta Ray, Chevron Manta Ray, Pacific Manta Ray, Pelagic Manta Ray, Oceanic Manta Ray [84995]		Species or species habitat likely to occur within area
<a href="#">Megaptera novaeangliae</a> Humpback Whale [38]	Vulnerable	Breeding known to occur within area
<a href="#">Natator depressus</a> Flatback Turtle [59257]	Vulnerable	Breeding known to occur within area
<a href="#">Orcaella brevirostris</a> Irrawaddy Dolphin [45]		Species or species habitat likely to occur within area
<a href="#">Orcinus orca</a> Killer Whale, Orca [46]		Species or species habitat may occur within area
<a href="#">Rhincodon typus</a> Whale Shark [66680]	Vulnerable	Species or species habitat may occur within area
<a href="#">Sousa chinensis</a> Indo-Pacific Humpback Dolphin [50]		Breeding known to occur within area
<b>Migratory Terrestrial Species</b>		
<a href="#">Hirundapus caudacutus</a> White-throated Needletail [682]		Species or species habitat likely to occur within area
<a href="#">Hirundo rustica</a> Barn Swallow [662]		Species or species habitat may occur within area
<a href="#">Merops ornatus</a> Rainbow Bee-eater [670]		Species or species habitat may occur within area
<a href="#">Monarcha melanopsis</a> Black-faced Monarch [609]		Species or species habitat known to occur within area
<a href="#">Monarcha trivirgatus</a> Spectacled Monarch [610]		Species or species habitat known to occur within area
<a href="#">Myiagra cyanoleuca</a> Satin Flycatcher [612]		Species or species habitat known to occur within area
<a href="#">Rhipidura rufifrons</a> Rufous Fantail [592]		Species or species habitat known to occur within area
<b>Migratory Wetlands Species</b>		
<a href="#">Actitis hypoleucos</a> Common Sandpiper [59309]		Roosting known to occur within area

Name	Threatened	Type of Presence
<a href="#">Ardea alba</a> Great Egret, White Egret [59541]		Species or species habitat likely to occur within area
<a href="#">Arenaria interpres</a> Ruddy Turnstone [872]		Roosting known to occur within area
<a href="#">Calidris acuminata</a> Sharp-tailed Sandpiper [874]		Roosting known to occur within area
<a href="#">Calidris canutus</a> Red Knot, Knot [855]		Roosting known to occur within area
<a href="#">Calidris ferruginea</a> Curlew Sandpiper [856]	Critically Endangered	Roosting known to occur within area
<a href="#">Calidris ruficollis</a> Red-necked Stint [860]		Roosting known to occur within area
<a href="#">Calidris tenuirostris</a> Great Knot [862]		Roosting known to occur within area
<a href="#">Charadrius bicinctus</a> Double-banded Plover [895]		Roosting known to occur within area
<a href="#">Charadrius leschenaultii</a> Greater Sand Plover, Large Sand Plover [877]		Roosting known to occur within area
<a href="#">Charadrius mongolus</a> Lesser Sand Plover, Mongolian Plover [879]		Roosting known to occur within area
<a href="#">Gallinago hardwickii</a> Latham's Snipe, Japanese Snipe [863]		Roosting may occur within area
<a href="#">Gallinago megala</a> Swinhoe's Snipe [864]		Roosting likely to occur within area
<a href="#">Gallinago stenura</a> Pin-tailed Snipe [841]		Roosting likely to occur within area
<a href="#">Heteroscelus brevipes</a> Grey-tailed Tattler [59311]		Roosting known to occur within area
<a href="#">Limosa lapponica</a> Bar-tailed Godwit [844]		Species or species habitat known to occur within area
<a href="#">Numenius madagascariensis</a> Eastern Curlew [847]	Critically Endangered	Roosting known to occur within area
<a href="#">Numenius minutus</a> Little Curlew, Little Whimbrel [848]		Roosting likely to occur within area
<a href="#">Numenius phaeopus</a> Whimbrel [849]		Roosting known to occur within area
<a href="#">Pandion haliaetus</a> Osprey [952]		Species or species habitat known to occur within area
<a href="#">Pluvialis fulva</a> Pacific Golden Plover [25545]		Roosting known to occur within area
<a href="#">Pluvialis squatarola</a> Grey Plover [865]		Roosting known to occur within area
<a href="#">Tringa stagnatilis</a> Marsh Sandpiper, Little Greenshank [833]		Roosting known to occur within area
<a href="#">Xenus cinereus</a> Terek Sandpiper [59300]		Roosting known to occur within area

## Other Matters Protected by the EPBC Act

Listed Marine Species		[ Resource Information ]
* Species is listed under a different scientific name on the EPBC Act - Threatened Species list.		
Name	Threatened	Type of Presence
<b>Birds</b>		
<a href="#">Actitis hypoleucos</a> Common Sandpiper [59309]		Roosting known to occur within area
<a href="#">Apus pacificus</a> Fork-tailed Swift [678]		Species or species habitat likely to occur within area
<a href="#">Ardea alba</a> Great Egret, White Egret [59541]		Species or species habitat likely to occur within area
<a href="#">Arenaria interpres</a> Ruddy Turnstone [872]		Roosting known to occur within area
<a href="#">Calidris acuminata</a> Sharp-tailed Sandpiper [874]		Roosting known to occur within area
<a href="#">Calidris canutus</a> Red Knot, Knot [855]		Roosting known to occur within area
<a href="#">Calidris ferruginea</a> Curlew Sandpiper [856]	Critically Endangered	Roosting known to occur within area
<a href="#">Calidris ruficollis</a> Red-necked Stint [860]		Roosting known to occur within area
<a href="#">Calidris tenuirostris</a> Great Knot [862]		Roosting known to occur within area
<a href="#">Charadrius bicinctus</a> Double-banded Plover [895]		Roosting known to occur within area
<a href="#">Charadrius leschenaultii</a> Greater Sand Plover, Large Sand Plover [877]		Roosting known to occur within area
<a href="#">Charadrius mongolus</a> Lesser Sand Plover, Mongolian Plover [879]		Roosting known to occur within area
<a href="#">Charadrius ruficapillus</a> Red-capped Plover [881]		Roosting known to occur within area
<a href="#">Gallinago hardwickii</a> Latham's Snipe, Japanese Snipe [863]		Roosting may occur within area
<a href="#">Gallinago megala</a> Swinhoe's Snipe [864]		Roosting likely to occur within area
<a href="#">Gallinago stenura</a> Pin-tailed Snipe [841]		Roosting likely to occur within area
<a href="#">Haliaeetus leucogaster</a> White-bellied Sea-Eagle [943]		Species or species habitat known to occur within area
<a href="#">Heteroscelus brevipes</a> Grey-tailed Tattler [59311]		Roosting known to occur within area
<a href="#">Himantopus himantopus</a> Black-winged Stilt [870]		Roosting known to occur within area
<a href="#">Hirundapus caudacutus</a> White-throated Needletail [682]		Species or species

Name	Threatened	Type of Presence
<a href="#">Hirundo rustica</a> Barn Swallow [662]		habitat likely to occur within area  Species or species habitat may occur within area
<a href="#">Limosa lapponica</a> Bar-tailed Godwit [844]		Species or species habitat known to occur within area
<a href="#">Macronectes giganteus</a> Southern Giant Petrel [1060]	Endangered	Species or species habitat may occur within area
<a href="#">Merops ornatus</a> Rainbow Bee-eater [670]		Species or species habitat may occur within area
<a href="#">Monarcha melanopsis</a> Black-faced Monarch [609]		Species or species habitat known to occur within area
<a href="#">Monarcha trivirgatus</a> Spectacled Monarch [610]		Species or species habitat known to occur within area
<a href="#">Myiagra cyanoleuca</a> Satin Flycatcher [612]		Species or species habitat known to occur within area
<a href="#">Numenius madagascariensis</a> Eastern Curlew [847]	Critically Endangered	Roosting known to occur within area
<a href="#">Numenius minutus</a> Little Curlew, Little Whimbrel [848]		Roosting likely to occur within area
<a href="#">Numenius phaeopus</a> Whimbrel [849]		Roosting known to occur within area
<a href="#">Pandion haliaetus</a> Osprey [952]		Species or species habitat known to occur within area
<a href="#">Phoebastria fusca</a> Sooty Albatross [1075]	Vulnerable	Species or species habitat may occur within area
<a href="#">Pluvialis fulva</a> Pacific Golden Plover [25545]		Roosting known to occur within area
<a href="#">Pluvialis squatarola</a> Grey Plover [865]		Roosting known to occur within area
<a href="#">Puffinus carneipes</a> Flesh-footed Shearwater, Fleshy-footed Shearwater [1043]		Species or species habitat likely to occur within area
<a href="#">Recurvirostra novaehollandiae</a> Red-necked Avocet [871]		Roosting known to occur within area
<a href="#">Rhipidura rufifrons</a> Rufous Fantail [592]		Species or species habitat known to occur within area
<a href="#">Sterna albifrons</a> Little Tern [813]		Species or species habitat may occur within area
<a href="#">Thalassarche impavida</a> Campbell Albatross [64459]	Vulnerable*	Species or species habitat may occur within area

Name	Threatened	Type of Presence
<a href="#">Tringa stagnatilis</a> Marsh Sandpiper, Little Greenshank [833]		Roosting known to occur within area
<a href="#">Xenus cinereus</a> Terek Sandpiper [59300]		Roosting known to occur within area
<b>Fish</b>		
<a href="#">Acentronura tentaculata</a> Shortpouch Pygmy Pipehorse [66187]		Species or species habitat may occur within area
<a href="#">Campichthys tryoni</a> Tryon's Pipefish [66193]		Species or species habitat may occur within area
<a href="#">Choeroichthys brachysoma</a> Pacific Short-bodied Pipefish, Short-bodied Pipefish [66194]		Species or species habitat may occur within area
<a href="#">Corythoichthys amplexus</a> Fijian Banded Pipefish, Brown-banded Pipefish [66199]		Species or species habitat may occur within area
<a href="#">Corythoichthys flavofasciatus</a> Reticulate Pipefish, Yellow-banded Pipefish, Network Pipefish [66200]		Species or species habitat may occur within area
<a href="#">Corythoichthys haematopterus</a> Reef-top Pipefish [66201]		Species or species habitat may occur within area
<a href="#">Corythoichthys intestinalis</a> Australian Messmate Pipefish, Banded Pipefish [66202]		Species or species habitat may occur within area
<a href="#">Corythoichthys ocellatus</a> Orange-spotted Pipefish, Ocellated Pipefish [66203]		Species or species habitat may occur within area
<a href="#">Corythoichthys paxtoni</a> Paxton's Pipefish [66204]		Species or species habitat may occur within area
<a href="#">Corythoichthys schultzi</a> Schultz's Pipefish [66205]		Species or species habitat may occur within area
<a href="#">Doryrhamphus excisus</a> Bluestripe Pipefish, Indian Blue-stripe Pipefish, Pacific Blue-stripe Pipefish [66211]		Species or species habitat may occur within area
<a href="#">Festucalex cinctus</a> Girdled Pipefish [66214]		Species or species habitat may occur within area
<a href="#">Filicampus tigris</a> Tiger Pipefish [66217]		Species or species habitat may occur within area
<a href="#">Halicampus dunckeri</a> Red-hair Pipefish, Duncker's Pipefish [66220]		Species or species habitat may occur within area
<a href="#">Halicampus grayi</a> Mud Pipefish, Gray's Pipefish [66221]		Species or species habitat may occur within area
<a href="#">Halicampus nitidus</a> Glittering Pipefish [66224]		Species or species habitat may occur within area
<a href="#">Halicampus spinirostris</a> Spiny-snout Pipefish [66225]		Species or species

Name	Threatened	Type of Presence
<a href="#">Hippichthys cyanospilos</a> Blue-speckled Pipefish, Blue-spotted Pipefish [66228]		habitat may occur within area  Species or species habitat may occur within area
<a href="#">Hippichthys heptagonus</a> Madura Pipefish, Reticulated Freshwater Pipefish [66229]		Species or species habitat may occur within area
<a href="#">Hippichthys penicillus</a> Beady Pipefish, Steep-nosed Pipefish [66231]		Species or species habitat may occur within area
<a href="#">Hippocampus bargibanti</a> Pygmy Seahorse [66721]		Species or species habitat may occur within area
<a href="#">Hippocampus kuda</a> Spotted Seahorse, Yellow Seahorse [66237]		Species or species habitat may occur within area
<a href="#">Hippocampus planifrons</a> Flat-face Seahorse [66238]		Species or species habitat may occur within area
<a href="#">Hippocampus zebra</a> Zebra Seahorse [66241]		Species or species habitat may occur within area
<a href="#">Lissocampus runa</a> Javelin Pipefish [66251]		Species or species habitat may occur within area
<a href="#">Micrognathus andersonii</a> Anderson's Pipefish, Shortnose Pipefish [66253]		Species or species habitat may occur within area
<a href="#">Micrognathus brevisrostris</a> thorntail Pipefish, Thorn-tailed Pipefish [66254]		Species or species habitat may occur within area
<a href="#">Nannocampus pictus</a> Painted Pipefish, Reef Pipefish [66263]		Species or species habitat may occur within area
<a href="#">Solegnathus hardwickii</a> Pallid Pipehorse, Hardwick's Pipehorse [66272]		Species or species habitat may occur within area
<a href="#">Solenostomus cyanopterus</a> Robust Ghostpipefish, Blue-finned Ghost Pipefish, [66183]		Species or species habitat may occur within area
<a href="#">Solenostomus paegnius</a> Rough-snout Ghost Pipefish [68425]		Species or species habitat may occur within area
<a href="#">Solenostomus paradoxus</a> Ornate Ghostpipefish, Harlequin Ghost Pipefish, Ornate Ghost Pipefish [66184]		Species or species habitat may occur within area
<a href="#">Syngnathoides biaculeatus</a> Double-end Pipehorse, Double-ended Pipehorse, Alligator Pipefish [66279]		Species or species habitat may occur within area
<a href="#">Trachyrhamphus bicoarctatus</a> Bentstick Pipefish, Bend Stick Pipefish, Short-tailed Pipefish [66280]		Species or species habitat may occur within area
<b>Mammals</b>		
<a href="#">Dugong dugon</a> Dugong [28]		Species or species

Name	Threatened	Type of Presence habitat known to occur within area
<b>Reptiles</b>		
<a href="#">Acalyptophis peronii</a> Horned Seasnake [1114]		Species or species habitat may occur within area
<a href="#">Aipysurus duboisii</a> Dubois' Seasnake [1116]		Species or species habitat may occur within area
<a href="#">Aipysurus eydouxii</a> Spine-tailed Seasnake [1117]		Species or species habitat may occur within area
<a href="#">Aipysurus laevis</a> Olive Seasnake [1120]		Species or species habitat may occur within area
<a href="#">Astrotia stokesii</a> Stokes' Seasnake [1122]		Species or species habitat may occur within area
<a href="#">Caretta caretta</a> Loggerhead Turtle [1763]	Endangered	Foraging, feeding or related behaviour known to occur within area
<a href="#">Chelonia mydas</a> Green Turtle [1765]	Vulnerable	Breeding known to occur within area
<a href="#">Crocodylus porosus</a> Salt-water Crocodile, Estuarine Crocodile [1774]		Species or species habitat likely to occur within area
<a href="#">Dermochelys coriacea</a> Leatherback Turtle, Leathery Turtle, Luth [1768]	Endangered	Breeding likely to occur within area
<a href="#">Disteira kingii</a> Spectacled Seasnake [1123]		Species or species habitat may occur within area
<a href="#">Disteira major</a> Olive-headed Seasnake [1124]		Species or species habitat may occur within area
<a href="#">Emydocephalus annulatus</a> Turtle-headed Seasnake [1125]		Species or species habitat may occur within area
<a href="#">Eretmochelys imbricata</a> Hawksbill Turtle [1766]	Vulnerable	Species or species habitat known to occur within area
<a href="#">Hydrophis elegans</a> Elegant Seasnake [1104]		Species or species habitat may occur within area
<a href="#">Lapemis hardwickii</a> Spine-bellied Seasnake [1113]		Species or species habitat may occur within area
<a href="#">Laticauda colubrina</a> a sea krait [1092]		Species or species habitat may occur within area
<a href="#">Laticauda laticaudata</a> a sea krait [1093]		Species or species habitat may occur within area
<a href="#">Lepidochelys olivacea</a> Olive Ridley Turtle, Pacific Ridley Turtle [1767]	Endangered	Breeding likely to occur within area

Name	Threatened	Type of Presence
<a href="#">Natator depressus</a> Flatback Turtle [59257]	Vulnerable	Breeding known to occur within area
<a href="#">Pelamis platurus</a> Yellow-bellied Seasnake [1091]		Species or species habitat may occur within area

## Whales and other Cetaceans [ [Resource Information](#) ]

Name	Status	Type of Presence
<b>Mammals</b>		
<a href="#">Balaenoptera acutorostrata</a> Minke Whale [33]		Species or species habitat may occur within area
<a href="#">Balaenoptera edeni</a> Bryde's Whale [35]		Species or species habitat may occur within area
<a href="#">Balaenoptera musculus</a> Blue Whale [36]	Endangered	Species or species habitat may occur within area
<a href="#">Delphinus delphis</a> Common Dolphin, Short-beaked Common Dolphin [60]		Species or species habitat may occur within area
<a href="#">Grampus griseus</a> Risso's Dolphin, Grampus [64]		Species or species habitat may occur within area
<a href="#">Megaptera novaeangliae</a> Humpback Whale [38]	Vulnerable	Breeding known to occur within area
<a href="#">Orcaella brevirostris</a> Irrawaddy Dolphin [45]		Species or species habitat likely to occur within area
<a href="#">Orcinus orca</a> Killer Whale, Orca [46]		Species or species habitat may occur within area
<a href="#">Sousa chinensis</a> Indo-Pacific Humpback Dolphin [50]		Breeding known to occur within area
<a href="#">Stenella attenuata</a> Spotted Dolphin, Pantropical Spotted Dolphin [51]		Species or species habitat may occur within area
<a href="#">Tursiops aduncus</a> Indian Ocean Bottlenose Dolphin, Spotted Bottlenose Dolphin [68418]		Species or species habitat likely to occur within area
<a href="#">Tursiops truncatus s. str.</a> Bottlenose Dolphin [68417]		Species or species habitat may occur within area

## Extra Information

State and Territory Reserves		[ Resource Information ]
Name	State	
Curtis Island	QLD	
Curtis Island	QLD	
Curtis Island	QLD	
Southend	QLD	

**Invasive Species** [ Resource Information ]

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

Name	Status	Type of Presence
<b>Birds</b>		
Acridotheres tristis Common Myna, Indian Myna [387]		Species or species habitat likely to occur within area
Columba livia Rock Pigeon, Rock Dove, Domestic Pigeon [803]		Species or species habitat likely to occur within area
Passer domesticus House Sparrow [405]		Species or species habitat likely to occur within area
Sturnus vulgaris Common Starling [389]		Species or species habitat likely to occur within area
<b>Frogs</b>		
Rhinella marina Cane Toad [83218]		Species or species habitat likely to occur within area
<b>Mammals</b>		
Bos taurus Domestic Cattle [16]		Species or species habitat likely to occur within area
Canis lupus familiaris Domestic Dog [82654]		Species or species habitat likely to occur within area
Capra hircus Goat [2]		Species or species habitat likely to occur within area
Equus caballus Horse [5]		Species or species habitat likely to occur within area
Felis catus Cat, House Cat, Domestic Cat [19]		Species or species habitat likely to occur within area
Sus scrofa Pig [6]		Species or species habitat likely to occur within area
Vulpes vulpes Red Fox, Fox [18]		Species or species habitat likely to occur within area
<b>Plants</b>		
Acacia nilotica subsp. indica Prickly Acacia [6196]		Species or species

Name	Status	Type of Presence
Chrysanthemoides monilifera Bitou Bush, Boneseed [18983]		habitat may occur within area  Species or species habitat may occur within area
Cryptostegia grandiflora Rubber Vine, Rubbervine, India Rubber Vine, India Rubbervine, Palay Rubbervine, Purple Allamanda [18913] Eichhornia crassipes Water Hyacinth, Water Orchid, Nile Lily [13466]		Species or species habitat likely to occur within area  Species or species habitat likely to occur within area
Jatropha gossypifolia Cotton-leaved Physic-Nut, Bellyache Bush, Cotton-leaf Physic Nut, Cotton-leaf Jatropha, Black Physic Nut [7507] Lantana camara Lantana, Common Lantana, Kamara Lantana, Large-leaf Lantana, Pink Flowered Lantana, Red Flowered Lantana, Red-Flowered Sage, White Sage, Wild Sage [10892] Opuntia spp. Prickly Pears [82753]		Species or species habitat likely to occur within area  Species or species habitat likely to occur within area  Species or species habitat likely to occur within area
Vachellia nilotica Prickly Acacia, Blackthorn, Prickly Mimosa, Black Piquant, Babul [84351]		Species or species habitat likely to occur within area

Nationally Important Wetlands		[ Resource Information ]
Name		State
<a href="#">Great Barrier Reef Marine Park</a>		QLD
<a href="#">Port Curtis</a>		QLD
<a href="#">The Narrows</a>		QLD

# Caveat

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

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

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

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

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 following provisions of the EPBC Act have been mapped:

- migratory and
- marine

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

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

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

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

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

# Coordinates

-23.69059 151.23471

# Acknowledgements

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

- [Department of Environment, Climate Change and Water, New South Wales](#)
- [Department of Sustainability and Environment, Victoria](#)
- [Department of Primary Industries, Parks, Water and Environment, Tasmania](#)
- [Department of Environment and Natural Resources, South Australia](#)
- [Parks and Wildlife Service NT, NT Dept of Natural Resources, Environment and the Arts](#)
- [Environmental and Resource Management, Queensland](#)
- [Department of Environment and Conservation, Western Australia](#)
- [Department of the Environment, Climate Change, Energy and Water](#)
- [Birds Australia](#)
- [Australian Bird and Bat Banding Scheme](#)
- [Australian National Wildlife Collection](#)
- Natural history museums of Australia
- [Museum Victoria](#)
- [Australian Museum](#)
- [SA Museum](#)
- [Queensland Museum](#)
- [Online Zoological Collections of Australian Museums](#)
- [Queensland Herbarium](#)
- [National Herbarium of NSW](#)
- [Royal Botanic Gardens and National Herbarium of Victoria](#)
- [Tasmanian Herbarium](#)
- [State Herbarium of South Australia](#)
- [Northern Territory Herbarium](#)
- [Western Australian Herbarium](#)
- [Australian National Herbarium, Atherton and Canberra](#)
- [University of New England](#)
- [Ocean Biogeographic Information System](#)
- [Australian Government, Department of Defence](#)
- [State Forests of NSW](#)
- [Geoscience Australia](#)
- [CSIRO](#)
- Other groups and individuals

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

Please feel free to provide feedback via the [Contact Us](#) page.

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**Attachment 3**  
**Atlas of Living Australia Records**

Kingdom	Class	Scientific Name	Common Name	Locality	Latitude	Longitude
ANIMALIA	ACTINOPTERYGII	Abudefduf bengalensis (Bloch, 1787)			-23.766	151.316
ANIMALIA	ACTINOPTERYGII	Abudefduf whiteleyi Allen, G.R. & D.R. Robertson, 1974	Whiteley's Sergeant		-23.766	151.316
ANIMALIA	ACTINOPTERYGII	Acanthopagrus australis	Bream	-	-23.766667	151.266667
ANIMALIA	ACTINOPTERYGII	Acanthopagrus pacificus	Bream	-	-23.766667	151.266667
ANIMALIA	ACTINOPTERYGII	Arothron manilensis (ProcA©, 1822)	Manilla Puffer		-23.766	151.316
ANIMALIA	ACTINOPTERYGII	Bathygobius krefftii (Steindachner, 1866)			-23.766	151.316
ANIMALIA	ACTINOPTERYGII	Centropogon australis (White, 1790)	Southern Fortesque		-23.766	151.316
ANIMALIA	ACTINOPTERYGII	Drombus palackyi Jordan & Seale, 1905			-23.7	151.2
ANIMALIA	ACTINOPTERYGII	Eleutheronema tetradactylum			-23.75	151.25
ANIMALIA	ACTINOPTERYGII	Enneapterygius atrogulare (GÄ\ntner, 1873)	Ringscale Threefin		-23.766	151.316
ANIMALIA	ACTINOPTERYGII	Gymnothorax pseudothyroideus (Bleeker, 1852)	Highfin Moray		-23.766	151.316
ANIMALIA	ACTINOPTERYGII	Istiblennius meleagris (Valenciennes, 1836)	Peacock Blenny		-23.766	151.316
ANIMALIA	ACTINOPTERYGII	Lates calcarifer			-23.75	151.25
ANIMALIA	ACTINOPTERYGII	Leptobrama muelleri			-23.75	151.25
ANIMALIA	ACTINOPTERYGII	Lobotes surinamensis (Bloch, 1790)	Tripletail		-23.766	151.316
ANIMALIA	ACTINOPTERYGII	Microcanthus strigatus (Whitley, 1950)	Western Stripey		-23.766	151.316
ANIMALIA	ACTINOPTERYGII	Neopomacentrus bankieri (Richardson, 1846)	Half-moon Damsel		-23.766	151.316
ANIMALIA	ACTINOPTERYGII	Neopomacentrus violascens (Bleeker, 1848)			-23.766	151.316
ANIMALIA	ACTINOPTERYGII	Omobranchus rotundiceps (Macleay, 1881)	Rotund Blenny		-23.766	151.316
ANIMALIA	ACTINOPTERYGII	Parablennius tasmanianus (Richardson, 1842)	Tasmanian Blenny		-23.766	151.316
ANIMALIA	ACTINOPTERYGII	Paracentropogon vespa Ogilby, 1910	Wasp Roguefish		-23.766	151.316
ANIMALIA	ACTINOPTERYGII	Parascorpaena picta (Kuhl & Hasselt, 1829)	Painted Scorpionfish		-23.766	151.316
ANIMALIA	ACTINOPTERYGII	Parma oligolepis Whitley, 1929	Bigscale Scalyfin		-23.766	151.316
ANIMALIA	ACTINOPTERYGII	Platax orbicularis (ForsskÄ¶l, 1775)	Cooper Batfish		-23.766	151.316
ANIMALIA	ACTINOPTERYGII	Plectorhinchus picus (Cuvier, 1830)	Dotted Sweetlips		-23.766	151.316
ANIMALIA	ACTINOPTERYGII	Polydactylus macrochir			-23.75	151.25
ANIMALIA	ACTINOPTERYGII	Pomacentrus wardi Whitley, 1927	Ward's Damsel		-23.766	151.316
ANIMALIA	ACTINOPTERYGII	Pristiapogon fraenatus (Valenciennes, 1832)	Spinyeye Cardinalfish		-23.766	151.316
ANIMALIA	ACTINOPTERYGII	Pseudolabrus guentheri Bleeker, 1862	Gunther's Wrasse		-23.766	151.316
ANIMALIA	ACTINOPTERYGII	Siganus			-23.766	151.316
ANIMALIA	ACTINOPTERYGII	Tathicarpus butleri Ogilby, 1907			-23.666	151.266
ANIMALIA	AMPHIBIA	Crinia deserticola	Desert Froglet	-	-23.741667	151.291667
ANIMALIA	AMPHIBIA	Limnodynastes tasmaniensis	Spotted Marshfrog	-	-23.641667	151.191667
ANIMALIA	AMPHIBIA	Litoria fallax	Eastern Sedgefrog	-	-23.741667	151.291667
ANIMALIA	AMPHIBIA	Litoria inermis	Peters' Frog	-	-23.641667	151.225
ANIMALIA	AMPHIBIA	Litoria latopalmata	Broad-palmed Rocketfrog	-	-23.741667	151.291667
ANIMALIA	AMPHIBIA	Litoria nasuta	Striped Rocketfrog	-	-23.641667	151.241667
ANIMALIA	AMPHIBIA	Litoria rothii	Roth's Tree-frog	-	-23.641667	151.225
ANIMALIA	AMPHIBIA	Litoria rubella	Naked Treefrog	-	-23.641667	151.183333
ANIMALIA	AMPHIBIA	Platyplectrum ornatum	Ornate Burrowing Frog	-	-23.644444	151.223611
ANIMALIA	AMPHIBIA	Pseudophryne major	Great Brown Broodfrog	-	-23.666667	151.233333
ANIMALIA	ANTHOZOA	Archohelia rediviva		Rat Island	-23.76	151.31
ANIMALIA	ANTHOZOA	Carijoa		East side, Rat Island, Gladstone	-23.76666667	151.3166667
ANIMALIA	ANTHOZOA	Chromonephtea grandis		Rat Island, Gladstone	-23.76666667	151.3166667
ANIMALIA	ANTHOZOA	Chromonephtea imperfecta		-	-23.766667	151.316667
ANIMALIA	ANTHOZOA	Chromonephtea tentoriae		Pools, Farmers Point, Facing Island	-23.75	151.33
ANIMALIA	ANTHOZOA	Cladiella		East side, Rat Island	-23.76666667	151.3166667
ANIMALIA	ANTHOZOA	Lobophytum		Rat Island, Central Qld	-23.76666667	151.3166667
ANIMALIA	ANTHOZOA	Sarcophyton		Rat Island (East side), Central Qld	-23.76666667	151.3166667
ANIMALIA	ANTHOZOA	Sarcophyton trocheliophorum		Rat Island (East side), Central Qld	-23.76666667	151.3166667
ANIMALIA	ANTHOZOA	Sinularia		East Rat Island, Central Qld	-23.76666667	151.3166667
ANIMALIA	ANTHOZOA	Tubipora musica		Rat Island	-23.76666667	151.3166667
ANIMALIA	ASCIDIACEA	Cnemidocarpa intestinata Kott, 1985			-23.766	151.316
ANIMALIA	ASTEROIDEA	Anthenea crassa H.L. Clark, 1938			-23.766	151.316
ANIMALIA	ASTEROIDEA	Nepantlia belcheri (Perrier, 1875)			-23.75	151.316
ANIMALIA	AVES	"Acanthagenys rufogularis"	"Spiny-cheeked Honeyeater"		-23.75	151.25
ANIMALIA	AVES	"Acanthiza pusilla"	"Brown Thornbill"		-23.75	151.25
ANIMALIA	AVES	"Accipiter cirrocephalus"	"Collared Sparrowhawk"		-23.75	151.25
ANIMALIA	AVES	"Acrocephalus australis"	"Australian Reed-Warbler"		-23.75	151.25
ANIMALIA	AVES	"Alectura lathamii"	"Australian Brush-turkey"		-23.75	151.25
ANIMALIA	AVES	"Anas castanea"	"Chestnut Teal"		-23.75	151.25
ANIMALIA	AVES	"Anas gracilis"	"Grey Teal"		-23.75	151.25
ANIMALIA	AVES	"Anas superciliosa"	"Pacific Black Duck"		-23.75	151.25
ANIMALIA	AVES	"Anhinga novaehollandiae"	"Australasian Darter"		-23.75	151.25
ANIMALIA	AVES	"Anthus novaeseelandiae"	"Australasian Pipit"		-23.75	151.25
ANIMALIA	AVES	"Aprosmictus erythropterus"	"Red-winged Parrot"		-23.75	151.25
ANIMALIA	AVES	"Aquila audax"	"Wedge-tailed Eagle"		-23.75	151.25
ANIMALIA	AVES	"Ardea ibis"	"Cattle Egret"		-23.75	151.25
ANIMALIA	AVES	"Ardea intermedia"	"Intermediate Egret"		-23.75	151.25
ANIMALIA	AVES	"Ardea modesta"	"Eastern Great Egret"		-23.75	151.25
ANIMALIA	AVES	"Ardeotis australis"	"Australian Bustard"		-23.75	151.25
ANIMALIA	AVES	"Arenaria interpres"	"Ruddy Turnstone"		-23.75	151.25
ANIMALIA	AVES	"Artamus cyanopterus"	"Dusky Woodswallow"		-23.75	151.25
ANIMALIA	AVES	"Artamus leucorhynchus"	"White-breasted Woodswallow"		-23.75	151.25
ANIMALIA	AVES	"Avciceda subcristata"	"Pacific Baza"		-23.75	151.25
ANIMALIA	AVES	"Aythya australis"	"Hardhead"		-23.75	151.25
ANIMALIA	AVES	"Burhinus grallarius"	"Bush Stone-curlew"		-23.75	151.25
ANIMALIA	AVES	"Butorides striata"	"Striated Heron"		-23.75	151.25
ANIMALIA	AVES	"Cacatua galerita"	"Sulphur-crested Cockatoo"		-23.75	151.25
ANIMALIA	AVES	"Cacomantis flabelliformis"	"Fan-tailed Cuckoo"		-23.75	151.25
ANIMALIA	AVES	"Cacomantis variolosus"	"Brush Cuckoo"		-23.75	151.25

Kingdom	Class	Scientific Name	Common Name	Locality	Latitude	Longitude
ANIMALIA	AVES	" <i>Calidris ferruginea</i> "	"Curlew Sandpiper"		-23.75	151.25
ANIMALIA	AVES	" <i>Calidris ruficollis</i> "	"Red-necked Stint"		-23.75	151.25
ANIMALIA	AVES	" <i>Calyptorhynchus lathamii</i> "	"Glossy Black-Cockatoo"		-23.75	151.25
ANIMALIA	AVES	" <i>Caprimulgus macrurus</i> "	"Large-tailed Nightjar"		-23.75	151.25
ANIMALIA	AVES	" <i>Cartormis leucotis</i> "	"White-eared Monarch"		-23.75	151.25
ANIMALIA	AVES	" <i>Centropus phasianinus</i> "	"Pheasant Coucal"		-23.75	151.25
ANIMALIA	AVES	" <i>Chalcites basalis</i> "	"Horsfield's Bronze-Cuckoo"		-23.75	151.25
ANIMALIA	AVES	" <i>Charadrius bicinctus</i> "	"Double-banded Plover"		-23.75	151.25
ANIMALIA	AVES	" <i>Charadrius leschenaultii</i> "	"Greater Sand Plover"		-23.75	151.25
ANIMALIA	AVES	" <i>Charadrius mongolus</i> "	"Lesser Sand Plover"		-23.75	151.25
ANIMALIA	AVES	" <i>Charadrius ruficapillus</i> "	"Red-capped Plover"		-23.75	151.25
ANIMALIA	AVES	" <i>Chlidonias hybrida</i> "	"Whiskered Tern"		-23.75	151.25
ANIMALIA	AVES	" <i>Chlidonias leucopterus</i> "	"White-winged Black Tern"		-23.75	151.25
ANIMALIA	AVES	" <i>Chroicocephalus novaehollandiae</i> "	"Silver Gull"		-23.75	151.25
ANIMALIA	AVES	" <i>Cisticola exilis</i> "	"Golden-headed Cisticola"		-23.75	151.25
ANIMALIA	AVES	" <i>Colluricincla harmonica</i> "	"Grey Shrike-thrush"		-23.75	151.25
ANIMALIA	AVES	" <i>Colluricincla megarhyncha</i> "	"Little Shrike-thrush"		-23.75	151.25
ANIMALIA	AVES	" <i>Columba livia</i> "	"Rock Dove"		-23.75	151.25
ANIMALIA	AVES	" <i>Conopophila rufogularis</i> "	"Rufous-throated Honeyeater"		-23.75	151.25
ANIMALIA	AVES	" <i>Coracina novaehollandiae</i> "	"Black-faced Cuckoo-shrike"		-23.75	151.25
ANIMALIA	AVES	" <i>Coracina papuensis</i> "	"White-bellied Cuckoo-shrike"		-23.75	151.25
ANIMALIA	AVES	" <i>Corvus orru</i> "	"Torresian Crow"		-23.75	151.25
ANIMALIA	AVES	" <i>Coturnix ypsilophora</i> "	"Brown Quail"		-23.75	151.25
ANIMALIA	AVES	" <i>Cracticus nigrogularis</i> "	"Pied Butcherbird"		-23.75	151.25
ANIMALIA	AVES	" <i>Cracticus tibicen</i> "	"Australian Magpie"		-23.75	151.25
ANIMALIA	AVES	" <i>Cracticus torquatus</i> "	"Grey Butcherbird"		-23.75	151.25
ANIMALIA	AVES	" <i>Cygnus atratus</i> "	"Black Swan"		-23.75	151.25
ANIMALIA	AVES	" <i>Dacelo leachii</i> "	"Blue-winged Kookaburra"		-23.75	151.25
ANIMALIA	AVES	" <i>Dacelo novaeguineae</i> "	"Laughing Kookaburra"		-23.75	151.25
ANIMALIA	AVES	" <i>Dendrocygna arcuata</i> "	"Wandering Whistling-Duck"		-23.75	151.25
ANIMALIA	AVES	" <i>Dicaeum hirundinaceum</i> "	"Mistletoebird"		-23.75	151.25
ANIMALIA	AVES	" <i>Dicrurus bracteatus</i> "	"Spangled Drongo"		-23.75	151.25
ANIMALIA	AVES	" <i>Egretta garzetta</i> "	"Little Egret"		-23.75	151.25
ANIMALIA	AVES	" <i>Egretta novaehollandiae</i> "	"White-faced Heron"		-23.75	151.25
ANIMALIA	AVES	" <i>Egretta sacra</i> "	"Eastern Reef Egret"		-23.75	151.25
ANIMALIA	AVES	" <i>Elanus axillaris</i> "	"Black-shouldered Kite"		-23.75	151.25
ANIMALIA	AVES	" <i>Elseyornis melanops</i> "	"Black-fronted Dotterel"		-23.75	151.25
ANIMALIA	AVES	" <i>Entomyzon cyanotis</i> "	"Blue-faced Honeyeater"		-23.75	151.25
ANIMALIA	AVES	" <i>Eolophus roseicapillus</i> "	"Galah"		-23.75	151.25
ANIMALIA	AVES	" <i>Ephippiorhynchus asiaticus</i> "	"Black-necked Stork"		-23.75	151.25
ANIMALIA	AVES	" <i>Esacus magnirostris</i> "	"Beach Stone-curlew"		-23.75	151.25
ANIMALIA	AVES	" <i>Falco berigora</i> "	"Brown Falcon"		-23.75	151.25
ANIMALIA	AVES	" <i>Falco cenchroides</i> "	"Nankeen Kestrel"		-23.75	151.25
ANIMALIA	AVES	" <i>Falco longipennis</i> "	"Australian Hobby"		-23.75	151.25
ANIMALIA	AVES	" <i>Falco peregrinus</i> "	"Peregrine Falcon"		-23.75	151.25
ANIMALIA	AVES	" <i>Fulica atra</i> "	"Eurasian Coot"		-23.75	151.25
ANIMALIA	AVES	" <i>Gallinula tenebrosa</i> "	"Dusky Moorhen"		-23.75	151.25
ANIMALIA	AVES	" <i>Gelochelidon nilotica</i> "	"Gull-billed Tern"		-23.75	151.25
ANIMALIA	AVES	" <i>Geopelia humeralis</i> "	"Bar-shouldered Dove"		-23.75	151.25
ANIMALIA	AVES	" <i>Geopelia striata</i> "	"Peaceful Dove"		-23.75	151.25
ANIMALIA	AVES	" <i>Gerygone albogularis</i> "	"White-throated Gerygone"		-23.75	151.25
ANIMALIA	AVES	" <i>Gerygone levigaster</i> "	"Mangrove Gerygone"		-23.75	151.25
ANIMALIA	AVES	" <i>Gerygone palpebrosa</i> "	"Fairy Gerygone"		-23.75	151.25
ANIMALIA	AVES	" <i>Glossopsitta pusilla</i> "	"Little Lorikeet"		-23.75	151.25
ANIMALIA	AVES	" <i>Grallina cyanoleuca</i> "	"Magpie-lark"		-23.75	151.25
ANIMALIA	AVES	" <i>Grus rubicunda</i> "	"Brolga"		-23.75	151.25
ANIMALIA	AVES	" <i>Haematopus fuliginosus</i> "	"Sooty Oystercatcher"		-23.75	151.25
ANIMALIA	AVES	" <i>Haematopus longirostris</i> "	"Australian Pied Oystercatcher"		-23.75	151.25
ANIMALIA	AVES	" <i>Haliaeetus leucogaster</i> "	"White-bellied Sea-Eagle"		-23.75	151.25
ANIMALIA	AVES	" <i>Haliastur indus</i> "	"Brahminy Kite"		-23.75	151.25
ANIMALIA	AVES	" <i>Haliastur sphenurus</i> "	"Whistling Kite"		-23.75	151.25
ANIMALIA	AVES	" <i>Himantopus himantopus</i> "	"Black-winged Stilt"		-23.75	151.25
ANIMALIA	AVES	" <i>Hirundo neoxena</i> "	"Welcome Swallow"		-23.75	151.25
ANIMALIA	AVES	" <i>Hydroprogne caspia</i> "	"Caspian Tern"		-23.75	151.25
ANIMALIA	AVES	" <i>Irediparra gallinacea</i> "	"Comb-crested Jacana"		-23.75	151.25
ANIMALIA	AVES	" <i>Ixobrychus dubius</i> "	"Australian Little Bittern"		-23.75	151.25
ANIMALIA	AVES	" <i>Lalage leucomela</i> "	"Varied Triller"		-23.75	151.25
ANIMALIA	AVES	" <i>Leucosarcia picata</i> "	"Wonga Pigeon"		-23.75	151.25
ANIMALIA	AVES	" <i>Lichenostomus chrysops</i> "	"Yellow-faced Honeyeater"		-23.75	151.25
ANIMALIA	AVES	" <i>Lichmera indistincta</i> "	"Brown Honeyeater"		-23.75	151.25
ANIMALIA	AVES	" <i>Limosa lapponica</i> "	"Bar-tailed Godwit"		-23.75	151.25
ANIMALIA	AVES	" <i>Limosa limosa</i> "	"Black-tailed Godwit"		-23.75	151.25
ANIMALIA	AVES	" <i>Lonchura castaneothorax</i> "	"Chestnut-breasted Mannikin"		-23.75	151.25
ANIMALIA	AVES	" <i>Lophoictinia isura</i> "	"Square-tailed Kite"		-23.75	151.25
ANIMALIA	AVES	" <i>Lopholaimus antarcticus</i> "	"Topknot Pigeon"		-23.75	151.25
ANIMALIA	AVES	" <i>Malurus melanocephalus</i> "	"Red-backed Fairy-wren"		-23.75	151.25
ANIMALIA	AVES	" <i>Manorina melanocephala</i> "	"Noisy Miner"		-23.75	151.25
ANIMALIA	AVES	" <i>Megalurus timoriensis</i> "	"Tawny Grassbird"		-23.75	151.25
ANIMALIA	AVES	" <i>Meliphaga lewinii</i> "	"Lewin's Honeyeater"		-23.75	151.25
ANIMALIA	AVES	" <i>Melithreptus albogularis</i> "	"White-throated Honeyeater"		-23.75	151.25
ANIMALIA	AVES	" <i>Melithreptus lunatus</i> "	"White-naped Honeyeater"		-23.75	151.25
ANIMALIA	AVES	" <i>Merops ornatus</i> "	"Rainbow Bee-eater"		-23.75	151.25
ANIMALIA	AVES	" <i>Microcarbo melanoleucos</i> "	"Little Pied Cormorant"		-23.75	151.25
ANIMALIA	AVES	" <i>Microeca fascinans</i> "	"Jacky Winter"		-23.75	151.25
ANIMALIA	AVES	" <i>Milvus migrans</i> "	"Black Kite"		-23.75	151.25
ANIMALIA	AVES	" <i>Mirafra javanica</i> "	"Horsfield's Bushlark"		-23.75	151.25
ANIMALIA	AVES	" <i>Monarcha melanopsis</i> "	"Black-faced Monarch"		-23.75	151.25
ANIMALIA	AVES	" <i>Morus serrator</i> "	"Australasian Gannet"		-23.75	151.25

Kingdom	Class	Scientific Name	Common Name	Locality	Latitude	Longitude
ANIMALIA	AVES	"Myiagra alecto"	"Shining Flycatcher"		-23.75	151.25
ANIMALIA	AVES	"Myiagra cyanoleuca"	"Satin Flycatcher"		-23.75	151.25
ANIMALIA	AVES	"Myiagra rubecula"	"Leaden Flycatcher"		-23.75	151.25
ANIMALIA	AVES	"Myzomela obscura"	"Dusky Honeyeater"		-23.75	151.25
ANIMALIA	AVES	"Myzomela sanguinolenta"	"Scarlet Honeyeater"		-23.75	151.25
ANIMALIA	AVES	"Nectarinia jugularis "	"Olive-backed Sunbird"		-23.75	151.25
ANIMALIA	AVES	"Neochmia modesta"	"Plum-headed Finch"		-23.75	151.25
ANIMALIA	AVES	"Nettapus coromandelianus"	"Cotton Pygmy-goose"		-23.75	151.25
ANIMALIA	AVES	"Nettapus pulchellus"	"Green Pygmy-goose"		-23.75	151.25
ANIMALIA	AVES	"Ninox novaeseelandiae"	"Southern Boobook"		-23.75	151.25
ANIMALIA	AVES	"Numenius madagascariensis"	"Eastern Curlew"		-23.75	151.25
ANIMALIA	AVES	"Numenius phaeopus"	"Whimbrel"		-23.75	151.25
ANIMALIA	AVES	"Ocyphaps lophotes"	"Crested Pigeon"		-23.75	151.25
ANIMALIA	AVES	"Onychoprion anaethetus"	"Bridled Tern"		-23.75	151.25
ANIMALIA	AVES	"Oriolus sagittatus"	"Olive-backed Oriole"		-23.75	151.25
ANIMALIA	AVES	"Pachycephala pectoralis"	"Golden Whistler"		-23.75	151.25
ANIMALIA	AVES	"Pachycephala rufiventris"	"Rufous Whistler"		-23.75	151.25
ANIMALIA	AVES	"Pandion cristatus"	"Eastern Osprey"		-23.75	151.25
ANIMALIA	AVES	"Pardalotus punctatus"	"Spotted Pardalote"		-23.75	151.25
ANIMALIA	AVES	"Pardalotus striatus"	"Striated Pardalote"		-23.75	151.25
ANIMALIA	AVES	"Passer domesticus "	"House Sparrow"		-23.75	151.25
ANIMALIA	AVES	"Pelecanus conspicillatus"	"Australian Pelican"		-23.75	151.25
ANIMALIA	AVES	"Petrochelidon ariel"	"Fairy Martin"		-23.75	151.25
ANIMALIA	AVES	"Petrochelidon nigricans"	"Tree Martin"		-23.75	151.25
ANIMALIA	AVES	"Phalacrocorax carbo"	"Great Cormorant"		-23.75	151.25
ANIMALIA	AVES	"Phalacrocorax sulcirostris"	"Little Black Cormorant"		-23.75	151.25
ANIMALIA	AVES	"Phalacrocorax varius"	"Pied Cormorant"		-23.75	151.25
ANIMALIA	AVES	"Philemon citreogularis"	"Little Friarbird"		-23.75	151.25
ANIMALIA	AVES	"Philemon corniculatus"	"Noisy Friarbird"		-23.75	151.25
ANIMALIA	AVES	"Platalea regia"	"Royal Spoonbill"		-23.75	151.25
ANIMALIA	AVES	"Platycercus adscitus"	"Pale-headed Rosella"		-23.75	151.25
ANIMALIA	AVES	"Plectorhyncha lanceolata"	"Striped Honeyeater"		-23.75	151.25
ANIMALIA	AVES	"Pluvialis fulva"	"Pacific Golden Plover"		-23.75	151.25
ANIMALIA	AVES	"Podargus strigoides"	"Tawny Frogmouth"		-23.75	151.25
ANIMALIA	AVES	"Pomatostomus temporalis"	"Grey-crowned Babbler"		-23.75	151.25
ANIMALIA	AVES	"Porphyrio porphyrio"	"Purple Swamphen"		-23.75	151.25
ANIMALIA	AVES	"Porzana pusilla"	"Baillon's Crake"		-23.75	151.25
ANIMALIA	AVES	"Ptilinopus regina"	"Rose-crowned Fruit-Dove"		-23.75	151.25
ANIMALIA	AVES	"Rhipidura albiscapa"	"Grey Fantail"		-23.75	151.25
ANIMALIA	AVES	"Rhipidura leucophrys"	"Willie Wagtail"		-23.75	151.25
ANIMALIA	AVES	"Rhipidura rufifrons"	"Rufous Fantail"		-23.75	151.25
ANIMALIA	AVES	"Scythrops novaehollandiae"	"Channel-billed Cuckoo"		-23.75	151.25
ANIMALIA	AVES	"Sphecotheres vieilloti"	"Australasian Figbird"		-23.75	151.25
ANIMALIA	AVES	"Sterna hirundo"	"Common Tern"		-23.75	151.25
ANIMALIA	AVES	"Sternula albifrons"	"Little Tern"		-23.75	151.25
ANIMALIA	AVES	"Strepera graculina"	"Pied Currawong"		-23.75	151.25
ANIMALIA	AVES	"Sturnus tristis"	"Common Myna"		-23.75	151.25
ANIMALIA	AVES	"Sturnus vulgaris"	"Common Starling"		-23.75	151.25
ANIMALIA	AVES	"Sula leucogaster"	"Brown Booby"		-23.75	151.25
ANIMALIA	AVES	"Symposiachrus trivirgatus"	"Spectacled Monarch"		-23.75	151.25
ANIMALIA	AVES	"Tachybaptus novaehollandiae"	"Australasian Grebe"		-23.75	151.25
ANIMALIA	AVES	"Taeniopygia bichenovii"	"Double-barred Finch"		-23.75	151.25
ANIMALIA	AVES	"Thalasseus bengalensis"	"Lesser Crested Tern"		-23.75	151.25
ANIMALIA	AVES	"Thalasseus bergii"	"Crested Tern"		-23.75	151.25
ANIMALIA	AVES	"Threskiornis molucca"	"Australian White Ibis"		-23.75	151.25
ANIMALIA	AVES	"Threskiornis spinicollis"	"Straw-necked Ibis"		-23.75	151.25
ANIMALIA	AVES	"Todiramphus chloris"	"Collared Kingfisher"		-23.75	151.25
ANIMALIA	AVES	"Todiramphus macleayii"	"Forest Kingfisher"		-23.75	151.25
ANIMALIA	AVES	"Todiramphus sanctus"	"Sacred Kingfisher"		-23.75	151.25
ANIMALIA	AVES	"Trichoglossus chlorolepidotus "	"Scaly-breasted Lorikeet"		-23.75	151.25
ANIMALIA	AVES	"Trichoglossus haematodus"	"Rainbow Lorikeet"		-23.75	151.25
ANIMALIA	AVES	"Tringa brevipes"	"Grey-tailed Tattler"		-23.75	151.25
ANIMALIA	AVES	"Tringa nebularia"	"Common Greenshank"		-23.75	151.25
ANIMALIA	AVES	"Tringa stagnatilis"	"Marsh Sandpiper"		-23.75	151.25
ANIMALIA	AVES	"Turnix maculosus"	"Red-backed Button-quail"		-23.75	151.25
ANIMALIA	AVES	"Vanellus miles"	"Masked Lapwing"		-23.75	151.25
ANIMALIA	AVES	"Xenus cinereus "	"Terek Sandpiper"		-23.75	151.25
ANIMALIA	AVES	"Zosterops lateralis"	"Silvereye"		-23.75	151.25
ANIMALIA	AVES	Accipiter cirrocephalus	Collared Sparrowhawk		-23.75	151.25
ANIMALIA	AVES	Alectura lathamii		Black Head area, Curtis Island	-23.66925457	151.2677338
ANIMALIA	AVES	Anhinga novaehollandiae	Australasian darter	Compigne Island	-23.78	151.25
ANIMALIA	AVES	Anous minutus	black noddy	North Entrance	-23.73	151.33
ANIMALIA	AVES	Aprosmictus erythropterus	red-winged parrot	Compigne Island	-23.78	151.25
ANIMALIA	AVES	Ardea modesta	eastern great egret	Compigne Island	-23.78	151.25
ANIMALIA	AVES	Ardeotis australis	Australian bustard	Compigne Island	-23.78	151.25
ANIMALIA	AVES	Arenaria interpres	ruddy turnstone	Facing Island Reef (No 2)	-23.76	151.32
ANIMALIA	AVES	Artamus leucorhynchus	white-breasted woodswallow	Compigne Island	-23.78	151.25
ANIMALIA	AVES	Burhinus garrularius	bush stone-curlew	Compigne Island	-23.78	151.25
ANIMALIA	AVES	Butorides striata	striated heron	Compigne Island	-23.78	151.25
ANIMALIA	AVES	Cacatua galerita		Black Head area, Curtis Island	-23.66925457	151.2677338
ANIMALIA	AVES	Cacomantis flabelliformis	fan-tailed cuckoo	Compigne Island	-23.78	151.25
ANIMALIA	AVES	Cacomantis variolosus	brush cuckoo	Compigne Island	-23.78	151.25
ANIMALIA	AVES	Calidris ferruginea	curlew sandpiper	Facing Island Reef (No 2)	-23.76	151.32
ANIMALIA	AVES	Calidris ruficollis	red-necked stint	Facing Island Reef (No 2)	-23.76	151.32
ANIMALIA	AVES	Calidris tenuirostris	Great Knot	Curtis Island - South End	-23.7525	151.28694

Kingdom	Class	Scientific Name	Common Name	Locality	Latitude	Longitude
ANIMALIA	AVES	<i>Calyptorhynchus banksii</i>		Black Head area, Curtis Island	-23.66925457	151.2677338
ANIMALIA	AVES	<i>Caprimulgus macrurus</i>		Garden Island, Pt Curtis	-23.7956436	151.263567
ANIMALIA	AVES	<i>Carterornis leucotis</i>	white-eared monarch	Compigne Island	-23.78	151.25
ANIMALIA	AVES	<i>Centropus phasianinus</i>		Black Head area, Curtis Island	-23.66925457	151.2677338
ANIMALIA	AVES	<i>Charadrius leschenaultii</i>	greater sand plover	Farmers Reef	-23.77	151.31
ANIMALIA	AVES	<i>Charadrius mongolus</i>	lesser sand plover	Facing Island Reef (No 2)	-23.76	151.32
ANIMALIA	AVES	<i>Charadrius ruficapillus</i>	Red-capped Plover	Curtis Island - South End	-23.7525	151.28694
ANIMALIA	AVES	<i>Chenonetta jubata</i>		Black Head area, Curtis Island	-23.66925457	151.2677338
ANIMALIA	AVES	<i>Chroicocephalus novaehollandiae</i>	Silver Gull	Curtis Island - South End	-23.7525	151.28694
ANIMALIA	AVES	<i>Chroicocephalus novaehollandiae</i>	Silver Gull	Curtis Island	-23.75805	151.2989
ANIMALIA	AVES	<i>Colluricincla harmonica</i>	grey shrike-thrush	Compigne Island	-23.78	151.25
ANIMALIA	AVES	<i>Colluricincla megarhyncha</i>	little shrike-thrush	Compigne Island	-23.78	151.25
ANIMALIA	AVES	<i>Coracina novaehollandiae</i>		Black Head area, Curtis Island	-23.66925457	151.2677338
ANIMALIA	AVES	<i>Corvus orru</i>		Black Head area, Curtis Island	-23.66925457	151.2677338
ANIMALIA	AVES	<i>Cracticus tibicen</i>	Australian Magpie	Curtis Island - South End	-23.7525	151.28694
ANIMALIA	AVES	<i>Cracticus torquatus</i>	grey butcherbird	Compigne Island	-23.78	151.25
ANIMALIA	AVES	<i>Cygnus atratus</i>	black swan	Compigne Island	-23.78	151.25
ANIMALIA	AVES	<i>Dacelo novaeguineae</i>	Laughing Kookaburra	Southend, Curtis Island	-23.75	151.3
ANIMALIA	AVES	<i>Dicaeum hirundinaceum</i>	mistletoebird	Compigne Island	-23.78	151.25
ANIMALIA	AVES	<i>Dicrurus bracteatus</i>	spangled drongo	Compigne Island	-23.78	151.25
ANIMALIA	AVES	<i>Egretta garzetta</i>	Little Egret	Curtis Island - South End	-23.7525	151.28694
ANIMALIA	AVES	<i>Egretta novaehollandiae</i>	White-faced Heron	Curtis Island - South End	-23.7525	151.28694
ANIMALIA	AVES	<i>Egretta sacra</i>	eastern reef egret	Compigne Island	-23.78	151.25
ANIMALIA	AVES	<i>Entomyzon cyanotis</i>	blue-faced honeyeater	Compigne Island	-23.78	151.25
ANIMALIA	AVES	<i>Esacus magnirostris</i>	beach stone-curlew	Compigne Island	-23.78	151.25
ANIMALIA	AVES	<i>Falco cenchroides</i>	nankeen kestrel	Rat Island	-23.76	151.31
ANIMALIA	AVES	<i>Falco peregrinus</i>	peregrine falcon	Compigne Island	-23.78	151.25
ANIMALIA	AVES	<i>Gelochelidon nilotica</i>	Gull-billed Tern	Curtis Island - South End	-23.7525	151.28694
ANIMALIA	AVES	<i>Geopelia humeralis</i>	Bar-shouldered Dove	Curtis Island - South End	-23.7525	151.28694
ANIMALIA	AVES	<i>Geopelia striata</i>	peaceful dove	Compigne Island	-23.78	151.25
ANIMALIA	AVES	<i>Haematopus fuliginosus</i>	sooty oystercatcher	Rat Island	-23.76	151.31
ANIMALIA	AVES	<i>Haematopus longirostris</i>	Australian Pied Oystercatcher	Curtis Island - South End	-23.7525	151.28694
ANIMALIA	AVES	<i>Haliaeetus leucogaster</i>	White-bellied Sea-Eagle	Curtis Island - South End	-23.7525	151.28694
ANIMALIA	AVES	<i>Haliastur indus</i>	Brahminy Kite	Curtis Island - South End	-23.7525	151.28694
ANIMALIA	AVES	<i>Heteroscelus sp.</i>		Compigne Island	-23.78	151.25
ANIMALIA	AVES	<i>Hirundo neoxena</i>	Welcome Swallow	Curtis Island - South End	-23.7525	151.28694
ANIMALIA	AVES	<i>Hydroprogne caspia</i>	Caspian Tern	Curtis Island - South End	-23.7525	151.28694
ANIMALIA	AVES	<i>Lalage leucomela</i>	varied triller	Compigne Island	-23.78	151.25
ANIMALIA	AVES	<i>Lichenostomus fuscus</i>	Fuscous Honeyeater		-23.75	151.25
ANIMALIA	AVES	<i>Lichmera indistincta</i>	brown honeyeater	Compigne Island	-23.78	151.25
ANIMALIA	AVES	<i>Limosa lapponica</i>	bar-tailed godwit	Facing Island Reef (No 2)	-23.76	151.32
ANIMALIA	AVES	<i>Lopholaimus antarcticus</i>	topknot pigeon	Compigne Island	-23.78	151.25
ANIMALIA	AVES	<i>Malurus melanocephalus</i>	red-backed fairy-wren	Compigne Island	-23.78	151.25
ANIMALIA	AVES	<i>Manorina melanocephala</i>	noisy miner	Compigne Island	-23.78	151.25
ANIMALIA	AVES	<i>Melithreptus albugularis</i>	white-throated honeyeater	Compigne Island	-23.78	151.25
ANIMALIA	AVES	<i>Merops ornatus</i>	rainbow bee-eater	Compigne Island	-23.78	151.25
ANIMALIA	AVES	<i>Microcarbo melanoleucos</i>	little pied cormorant	Compigne Island	-23.78	151.25
ANIMALIA	AVES	<i>Monarcha melanopsis</i>	black-faced monarch	Compigne Island	-23.78	151.25
ANIMALIA	AVES	<i>Myiagra alecto</i>	shining flycatcher	Compigne Island	-23.78	151.25
ANIMALIA	AVES	<i>Myiagra cyanoleuca</i>	satfin flycatcher	Compigne Island	-23.78	151.25
ANIMALIA	AVES	<i>Myiagra rubecula</i>	leadfin flycatcher	Compigne Island	-23.78	151.25
ANIMALIA	AVES	<i>Myzomela sanguinolenta</i>	scarlet honeyeater	Compigne Island	-23.78	151.25
ANIMALIA	AVES	<i>Nectarinia jugularis</i>	olive-backed sunbird	Compigne Island	-23.78	151.25
ANIMALIA	AVES	<i>Ninox boobook</i>	southern boobook	Compigne Island	-23.78	151.25
ANIMALIA	AVES	<i>Numenius madagascariensis</i>	eastern curlew	Facing Island Reef (No 2)	-23.76	151.32
ANIMALIA	AVES	<i>Numenius phaeopus</i>	Whimbrel	Curtis Island - South End	-23.7525	151.28694
ANIMALIA	AVES	<i>Pachycephala rufiventris</i>	rufous whistler	Compigne Island	-23.78	151.25
ANIMALIA	AVES	<i>Pandion cristatus</i>	Eastern Osprey	Curtis Island - South End	-23.7525	151.28694
ANIMALIA	AVES	<i>Pardalotus striatus</i>	striated pardalote	Compigne Island	-23.78	151.25
ANIMALIA	AVES	<i>Pelecanus conspicillatus</i>	Australian pelican	Compigne Island	-23.78	151.25
ANIMALIA	AVES	<i>Phalacrocorax sulcirostris</i>	little black cormorant	Rat Island	-23.76	151.31
ANIMALIA	AVES	<i>Phalacrocorax varius</i>	piebald cormorant	Compigne Island	-23.78	151.25
ANIMALIA	AVES	<i>Philemon corniculatus</i>	noisy friarbird	Compigne Island	-23.78	151.25
ANIMALIA	AVES	<i>Platalea regia</i>	Royal Spoonbill	Curtis Island - South End	-23.7525	151.28694
ANIMALIA	AVES	<i>Platycercus adscitus</i>	pale-headed rosella	Compigne Island	-23.78	151.25
ANIMALIA	AVES	<i>Podargus strigoides</i>	tawny frogmouth	Compigne Island	-23.78	151.25
ANIMALIA	AVES	<i>Ptilinopus regina</i>	rose-crowned fruit-dove	Compigne Island	-23.78	151.25
ANIMALIA	AVES	<i>Rhipidura leucophrys</i>	willie wagtail	Compigne Island	-23.78	151.25
ANIMALIA	AVES	<i>Rhipidura rufifrons</i>	rufous fantail	Compigne Island	-23.78	151.25
ANIMALIA	AVES	<i>Scythrops novaehollandiae</i>	channel-billed cuckoo	Compigne Island	-23.78	151.25
ANIMALIA	AVES	<i>Sphecotheres vieilloti</i>	Australasian figbird	Compigne Island	-23.78	151.25
ANIMALIA	AVES	<i>Sterna</i>	tern	Turtle Sand Bank	-23.78	151.25
ANIMALIA	AVES	<i>Sterna bergii cristata</i>	Crested Tern	Turtle Sand Bank	-23.78	151.25
ANIMALIA	AVES	<i>Sternula albifrons</i>	little tern	Facing Island Reef (No 2)	-23.76	151.32
ANIMALIA	AVES	<i>Symposiachrus trivirgatus</i>	spectacled monarch	Compigne Island	-23.78	151.25
ANIMALIA	AVES	<i>Taeniopygia bichenovii</i>	double-barred finch	Compigne Island	-23.78	151.25
ANIMALIA	AVES	<i>Taeniopygia guttata</i>	Zebra Finch		-23.75	151.25
ANIMALIA	AVES	<i>Thalasseus bergii</i>	crested tern	Rat Island	-23.76	151.31
ANIMALIA	AVES	<i>Threskiornis molucca</i>	Australian white ibis	Compigne Island	-23.78	151.25
ANIMALIA	AVES	<i>Todiramphus chloris</i>	collared kingfisher	Compigne Island	-23.78	151.25
ANIMALIA	AVES	<i>Todiramphus sanctus</i>	sacred kingfisher	Compigne Island	-23.78	151.25
ANIMALIA	AVES	<i>Trichoglossus chlorolepidotus</i>	scaly-breasted lorikeet	Compigne Island	-23.78	151.25
ANIMALIA	AVES	<i>Trichoglossus haematodus</i>	Rainbow Lorikeet	Southend, Curtis Island	-23.75	151.3

Kingdom	Class	Scientific Name	Common Name	Locality	Latitude	Longitude
ANIMALIA	AVES	Trichoglossus haematodus moluccanus	rainbow lorikeet	Compigne Island	-23.78	151.25
ANIMALIA	AVES	Tringa brevipes	grey-tailed tattler	Facing Island Reef (No 2)	-23.76	151.32
ANIMALIA	AVES	Tringa nebularia	Common Greenshank	Curtis Island	-23.75805	151.2989
ANIMALIA	AVES	Turnix maculosus	red-backed button-quail	Compigne Island	-23.78	151.25
ANIMALIA	AVES	Vanellus miles	Masked Lapwing	Curtis Island - South End	-23.7525	151.28694
ANIMALIA	AVES	Xenus cinereus	terek sandpiper	Facing Island Reef (No 2)	-23.76	151.32
ANIMALIA	AVES	Zosterops lateralis	silveryeye	Compigne Island	-23.78	151.25
ANIMALIA	BIVALVIA	Amusium balloti			-23.75	151.25
ANIMALIA	BIVALVIA	Arca avellana Lamarck, 1819	Flying-Bird Ark		-23.75	151.3
ANIMALIA	BIVALVIA	Cardiolum rugosa (Hedley, 1909)			-23.766	151.2
ANIMALIA	BIVALVIA	Cardita muricata Sowerby, 1832			-23.75	151.3
ANIMALIA	BIVALVIA	Crassacuna praecalva (Hedley, 1909)			-23.766	151.2
ANIMALIA	BIVALVIA	Donax (Latona) faba Gmelin, 1791			-23.75	151.3
ANIMALIA	BIVALVIA	Donax (Tentidonax) veruinus Hedley, 1913			-23.766	151.2
ANIMALIA	BIVALVIA	Enigmonia aenigmatica (Sowerby, 1825)			-23.75	151.3
ANIMALIA	BIVALVIA	Felaniella subcrassa			-23.7645	151.3183
ANIMALIA	BIVALVIA	Fulvia aperta			-23.8	151.25
ANIMALIA	BIVALVIA	Gafrarium australe (Sowerby, 1851)			-23.75	151.3
ANIMALIA	BIVALVIA	Gafrarium dispar (Holten, 1802)			-23.75	151.3
ANIMALIA	BIVALVIA	Gafrarium pectinatum			-23.79	151.23
ANIMALIA	BIVALVIA	Hemidonax pictus (Tryon, 1870)			-23.766	151.2
ANIMALIA	BIVALVIA	Jouannetia globosa (Quoy & Gaimard, 1835)			-23.766	151.316
ANIMALIA	BIVALVIA	Lithophaga nigra (d'Orbigny, 1842)			-23.766	151.316
ANIMALIA	BIVALVIA	Maetra abbreviata Lamarck, 1819			-23.75	151.3
ANIMALIA	BIVALVIA	Martesia striata Linnaeus, 1758			-23.75	151.3
ANIMALIA	BIVALVIA	Minnivola pyxidata (Born, 1778)			-23.766	151.316
ANIMALIA	BIVALVIA	Musculus cumingianus (Reeve, 1857)	Three-area Mussel		-23.75	151.3
ANIMALIA	BIVALVIA	Scintilla			-23.766	151.316
ANIMALIA	BIVALVIA	Venerupis aspera (Quoy & Gaimard, 1835)			-23.75	151.3
ANIMALIA	DEMOSPONGIAE	Dysidea sp.			-23.766	151.316
ANIMALIA	DEMOSPONGIAE	Haliclona sp.			-23.766	151.316
ANIMALIA	DEMOSPONGIAE	Spirastrella sp.			-23.75	151.316
ANIMALIA	DEMOSPONGIAE	Spongia sp.			-23.766	151.316
ANIMALIA	GASTROPODA	Aclophora robusta Laceron, 1958			-23.766	151.2
ANIMALIA	GASTROPODA	Alaerato bisinventa (Iredale, 1931)			-23.75	151.3
ANIMALIA	GASTROPODA	Alvania novarensis (Frauenfeld, 1867)			-23.766	151.2
ANIMALIA	GASTROPODA	Amoria zebra (Leach, 1814)	Zebra Volute		-23.766	151.316
ANIMALIA	GASTROPODA	Astrialium tentoriiformis (Jonas, 1845)			-23.766	151.2
ANIMALIA	GASTROPODA	Austroginella queenslandica Laceron, 1957			-23.766	151.2
ANIMALIA	GASTROPODA	Badepigrus badius (Petterd, 1884)			-23.766	151.2
ANIMALIA	GASTROPODA	Benimakia rhodostoma (Dunker, 1860)			-23.75	151.3
ANIMALIA	GASTROPODA	Caecum (Brochina) succineum de Folin, 1879			-23.75	151.3
ANIMALIA	GASTROPODA	Caecum (Caecum) gracile Carpenter, 1858			-23.75	151.3
ANIMALIA	GASTROPODA	Caecum (Fartulum) glabellum Adams, 1868			-23.75	151.3
ANIMALIA	GASTROPODA	Ceratosoma			-23.766	151.316
ANIMALIA	GASTROPODA	Chicoreus microphyllus (Lamarck, 1822)			-23.75	151.3
ANIMALIA	GASTROPODA	Clanculus atropurpureus (Gould, 1849)			-23.75	151.3
ANIMALIA	GASTROPODA	Cleotrivia brevissima (Sowerby, 1870)			-23.75	151.3
ANIMALIA	GASTROPODA	Cleotrivia globosa (Sowerby, 1832)			-23.75	151.3
ANIMALIA	GASTROPODA	Clithon oualaniensis (Lesson, 1831)			-23.75	151.3
ANIMALIA	GASTROPODA	Clypeomorus petrosa petrosa (Wood, 1828)			-23.75	151.3
ANIMALIA	GASTROPODA	Conuber sordidus (Swainson, 1821)			-23.75	151.3
ANIMALIA	GASTROPODA	Conus coronatus Gmelin, 1791			-23.766	151.2
ANIMALIA	GASTROPODA	Cronia aurantiaca (Hombron & Jacquinot, 1853)			-23.75	151.3
ANIMALIA	GASTROPODA	Cyclostremiscus (Miralabrum) rostrata (Hedley, 1900)			-23.766	151.2
ANIMALIA	GASTROPODA	Cymatium exaratum (Reeve, 1844)			-23.75	151.3
ANIMALIA	GASTROPODA	Cypraea staphylaea		Curtis Island, Gladstone Harbour, southern Queensland, Australia.	-23.75	151.3
ANIMALIA	GASTROPODA	Diodora jukesii (Reeve, 1850)			-23.766	151.316
ANIMALIA	GASTROPODA	Diodora singaporensis (Reeve, 1850)			-23.75	151.3
ANIMALIA	GASTROPODA	Diodora ticaonica (Reeve, 1850)			-23.75	151.3
ANIMALIA	GASTROPODA	Doriprismatica atromarginata (Cuvier, 1804)			-23.766	151.316
ANIMALIA	GASTROPODA	Emarginula variegata Adams, 1852			-23.75	151.3
ANIMALIA	GASTROPODA	Engina armillata (Reeve, 1846)			-23.766	151.316
ANIMALIA	GASTROPODA	Engina curtisiana (E.A. Smith, 1884)			-23.75	151.3
ANIMALIA	GASTROPODA	Epigrus dissimilis (Watson, 1886)			-23.766	151.2
ANIMALIA	GASTROPODA	Eremopeas tuckeri	TuckerM-bM-^@M-^Ys Awnsnail		-23.746111	151.298611
ANIMALIA	GASTROPODA	Ergalatax contracta (Reeve, 1846)	The Contracted Buccinum		-23.75	151.3
ANIMALIA	GASTROPODA	Ergalatax serotinus (Adams, 1853)			-23.766	151.316
ANIMALIA	GASTROPODA	Erronea cylindrica (Born, 1778)			-23.75	151.3
ANIMALIA	GASTROPODA	Erronea subviridis subviridis (Reeve, 1835)			-23.766	151.316
ANIMALIA	GASTROPODA	Erronea xanthodon (Sowerby, 1832)			-23.75	151.3
ANIMALIA	GASTROPODA	Euchelus atratus (Gmelin, 1791)			-23.766	151.2
ANIMALIA	GASTROPODA	Euplica scripta (Lamarck, 1822)			-23.75	151.3
ANIMALIA	GASTROPODA	Fenestrarion brianna Stanisc, 2010	Upside-down Semi-slug		-23.766	151.2
ANIMALIA	GASTROPODA	Figuladra curtisiana (Pfeiffer, 1864)			-23.783	151.266
ANIMALIA	GASTROPODA	Figuladra incei curtisiana	Port Curtis Dark Snail		-23.746111	151.298611
ANIMALIA	GASTROPODA	Filifusus filamentosus (Rafinesque, 1798)			-23.75	151.3
ANIMALIA	GASTROPODA	Fusinus colus (Linnaeus, 1758)			-23.766	151.316
ANIMALIA	GASTROPODA	Gibbula concinna (Philippi, 1847)			-23.75	151.3
ANIMALIA	GASTROPODA	Glossodoris atromarginata (Cuvier, 1804)	Nudibranch		-23.766	151.316
ANIMALIA	GASTROPODA	Glyptophysa gibbosa (Gould, 1846)			-23.766	151.2
ANIMALIA	GASTROPODA	Hastula tenera (Hinds, 1844)			-23.75	151.3

Kingdom	Class	Scientific Name	Common Name	Locality	Latitude	Longitude
ANIMALIA	GASTROPODA	Hydatina albocincta		southern end of Curtis Island, Gladstone, southern Queensland, Australia.	-23.75	151.3
ANIMALIA	GASTROPODA	Inquisitor flindersianus Hedley, 1922			-23.766	151.316
ANIMALIA	GASTROPODA	Inquisitor radula (Hinds, 1843)			-23.766	151.316
ANIMALIA	GASTROPODA	Inquisitor sterrhus (Watson, 1881)			-23.766	151.316
ANIMALIA	GASTROPODA	Iravadia (Pseudonoba) sublevis (Laseron, 1956)			-23.766	151.2
ANIMALIA	GASTROPODA	Jujubinus crenilliferus (Adams, 1853)			-23.766	151.2
ANIMALIA	GASTROPODA	Jujubinus suturalis (Adams, 1853)			-23.766	151.316
ANIMALIA	GASTROPODA	Latavia pulchra (Brazier, 1894)			-23.766	151.2
ANIMALIA	GASTROPODA	Leucotina helva Hedley, 1900			-23.75	151.3
ANIMALIA	GASTROPODA	Lienardia nigrocincta (Montrouzier, 1872)			-23.766	151.2
ANIMALIA	GASTROPODA	Liotina peronii (Kiener, 1839)			-23.75	151.3
ANIMALIA	GASTROPODA	Longchaeus teres (Adams, 1854)			-23.766	151.2
ANIMALIA	GASTROPODA	Maxacteon fabreanus (Crosse, 1874)			-23.75	151.3
ANIMALIA	GASTROPODA	Melanella			-23.75	151.3
ANIMALIA	GASTROPODA	Mesoginella brachia (Watson, 1886)			-23.766	151.2
ANIMALIA	GASTROPODA	Mesophora albocaelarea Laseron, 1958			-23.766	151.2
ANIMALIA	GASTROPODA	Mesophora fusca (Dunker, 1860)	Satsuma-kiri-ore		-23.75	151.3
ANIMALIA	GASTROPODA	Mittra variabilis Reeve, 1844			-23.75	151.3
ANIMALIA	GASTROPODA	Monetaria moneta (Linnaeus, 1758)			-23.75	151.3
ANIMALIA	GASTROPODA	Morula			-23.75	151.3
ANIMALIA	GASTROPODA	Natica vitellus (Linnaeus, 1758)			-23.75	151.3
ANIMALIA	GASTROPODA	Nerita chamaeleon Linnaeus, 1758			-23.75	151.3
ANIMALIA	GASTROPODA	Nerita polita Linnaeus, 1758			-23.75	151.3
ANIMALIA	GASTROPODA	Neveritis misella (Gude, 1907)	Mid-eastern Velvet Snail		-23.783	151.266
ANIMALIA	GASTROPODA	Notosinister micans Laseron, 1958			-23.766	151.2
ANIMALIA	GASTROPODA	Onchidium			-23.766	151.316
ANIMALIA	GASTROPODA	Orinella subcarina (Laseron, 1959)			-23.766	151.2
ANIMALIA	GASTROPODA	Pardalynops testudinaria (Link, 1807)			-23.75	151.3
ANIMALIA	GASTROPODA	Parviterebra brazieri (Angas, 1875)			-23.75	151.3
ANIMALIA	GASTROPODA	Pelicydion xanthias (Watson, 1886)			-23.75	151.3
ANIMALIA	GASTROPODA	Peristernia australiensis (Reeve, 1847)			-23.75	151.3
ANIMALIA	GASTROPODA	Phasianella solida (Born, 1778)			-23.75	151.3
ANIMALIA	GASTROPODA	Philbertia barnardi (Brazier, 1876)			-23.766	151.2
ANIMALIA	GASTROPODA	Platydorid			-23.766	151.316
ANIMALIA	GASTROPODA	Pollia fumosa (Dillwyn, 1817)			-23.75	151.3
ANIMALIA	GASTROPODA	Proterato lachryma (Sowerby I, 1832)			-23.75	151.3
ANIMALIA	GASTROPODA	Purpuradusta gracilis gracilis (Gaskoin, 1849)			-23.75	151.3
ANIMALIA	GASTROPODA	Pyrene flava (Bruguière, 1789)			-23.75	151.3
ANIMALIA	GASTROPODA	Rissoina (Phosinella)			-23.766	151.2
ANIMALIA	GASTROPODA	Rissoina (Phosinella) media Mohrenstern, 1860			-23.766	151.2
ANIMALIA	GASTROPODA	Rissosyrnola acilis (Adams, 1853)			-23.766	151.2
ANIMALIA	GASTROPODA	Scalptia scalariformis (Lamarck, 1822)			-23.75	151.3
ANIMALIA	GASTROPODA	Scutus olunguis Iredale, 1940			-23.75	151.3
ANIMALIA	GASTROPODA	Semiricnula nodosa (Hombron & Jacquinot, 1841)			-23.75	151.3
ANIMALIA	GASTROPODA	Staphylaea staphylaea staphylaea (Linnaeus, 1758)			-23.75	151.3
ANIMALIA	GASTROPODA	Sticticulima			-23.75	151.3
ANIMALIA	GASTROPODA	Strioterebrum nitida (Hinds, 1844)			-23.766	151.316
ANIMALIA	GASTROPODA	Strioterebrum plumbea (Quoy & Gaimard, 1833)			-23.75	151.3
ANIMALIA	GASTROPODA	Tenguella marginalba (Blainville, 1832)			-23.75	151.3
ANIMALIA	GASTROPODA	Tricolia fordiana (Pilsbry, 1888)			-23.75	151.3
ANIMALIA	GASTROPODA	Tricolia variabilis (Pease, 1861)	Minute Pheasant		-23.75	151.3
ANIMALIA	GASTROPODA	Xanthomelone pachystylum (Pfeiffer, 1845)	Southern Queensland Melon Snail		-23.78999	151.24333
ANIMALIA	HYDROZOA	Macrorhynchia phoenicia (Busk, 1852)			-23.766	151.316
ANIMALIA	INSECTA	Acosmeryx anceus		Compigne Island	-23.7842	151.2572
ANIMALIA	INSECTA	Acosmeryx anceus (Stoll, 1781)			-23.783	151.266
ANIMALIA	INSECTA	Arunta flavia		Gladstone	-23.765	151.3199
ANIMALIA	INSECTA	Arunta interclusa		Rat Island Port Curtis Queensland	-23.76	151.32
ANIMALIA	INSECTA	Arunta interclusa (Walker, 1858)			-23.766	151.316
ANIMALIA	INSECTA	Arunta perlata (Guérin-Méneville, 1831)			-23.766	151.316
ANIMALIA	INSECTA	Danaus affinis affinis (Fabricius, 1775)	Black and White Tiger		-23.79044	151.24364
ANIMALIA	INSECTA	Melanacanthus scutellaris	Bugs, Alydids, Broad-headed bugs, brown bean bug		-23.76009159	151.3134219
ANIMALIA	INSECTA	Onthophagus laminatus			-23.762	151.296
ANIMALIA	INSECTA	Psychidae			-23.76004249	151.3133568
ANIMALIA	MALACOSTRACA	Achaeus sp.			-23.75	151.3
ANIMALIA	MALACOSTRACA	Alpheus sp.			-23.766	151.316
ANIMALIA	MALACOSTRACA	Ancylomenes speciosus (Okuno, 2004)			-23.766	151.3
ANIMALIA	MALACOSTRACA	Athanas sp.			-23.766	151.316
ANIMALIA	MALACOSTRACA	Cryptodromia sp.			-23.766	151.316
ANIMALIA	MALACOSTRACA	Eurycarcinus maculata			-23.8	151.233333
ANIMALIA	MALACOSTRACA	Galathea sp.			-23.75	151.3
ANIMALIA	MALACOSTRACA	Gonodactylus graphurus			-23.783333	151.233333
ANIMALIA	MALACOSTRACA	Heteropanope glabra			-23.766667	151.25
ANIMALIA	MALACOSTRACA	Hymenosoma sp.			-23.766	151.316
ANIMALIA	MALACOSTRACA	Ibacus peronii			-23.75	151.25
ANIMALIA	MALACOSTRACA	Lophozozymus erinnyes Ng & Chia, 1997			-23.766	151.316
ANIMALIA	MALACOSTRACA	Macrophthalmus verreauxi		Rat Island, South Trees QLD 4680, Australia	-23.7645	151.3183
ANIMALIA	MALACOSTRACA	Medaesus granulatus		South Trees	-23.7645	151.3183

Kingdom	Class	Scientific Name	Common Name	Locality	Latitude	Longitude
ANIMALIA	MALACOSTRACA	Melicertus plebejus			-23.75	151.25
ANIMALIA	MALACOSTRACA	Metopograpsus		-	-23.8	151.233333
ANIMALIA	MALACOSTRACA	Metopograpsus frontalis		-	-23.8	151.233333
ANIMALIA	MALACOSTRACA	Myomenippe fornasinii		-	-23.766667	151.25
ANIMALIA	MALACOSTRACA	paguroidean		-	-23.716667	151.2
ANIMALIA	MALACOSTRACA	Perisesarma semperi semperi		-	-23.766667	151.25
ANIMALIA	MALACOSTRACA	Petrolisthes		-	-23.766667	151.25
ANIMALIA	MALACOSTRACA	Petrolisthes teres		-	-23.8	151.233333
ANIMALIA	MALACOSTRACA	Portunus (Portunus) pelagicus		-	-23.75	151.25
ANIMALIA	MALACOSTRACA	Portunus pelagicus		-	-23.75	151.25
ANIMALIA	MALACOSTRACA	Ranina ranina		-	-23.75	151.25
ANIMALIA	MALACOSTRACA	Sarmatium crassum		-	-23.766667	151.25
ANIMALIA	MALACOSTRACA	Schizophrys aspera (H. Milne Edwards, 1834)	Red Sea Toad	-	-23.766	151.316
ANIMALIA	MALACOSTRACA	Uca coarctata		-	-23.768889	151.235278
ANIMALIA	MAMMALIA	Bos taurus		Black Head area, Curtis Island	-23.66925457	151.2677338
ANIMALIA	MAMMALIA	Canis lupus dingo		Black Head area, Curtis Island	-23.66925457	151.2677338
ANIMALIA	MAMMALIA	Canis lupus familiaris		Black Head area, Curtis Island	-23.66925457	151.2677338
ANIMALIA	MAXILLOPODA	Balanus sp.		-	-23.766	151.316
ANIMALIA	MAXILLOPODA	Octolasmis sp.		-	-23.766	151.316
ANIMALIA	MAXILLOPODA	Pyrgomatidae		-	-23.75	151.266667
ANIMALIA	POLYCHAETA	Hesione sp.		-	-23.75	151.316
ANIMALIA	REPTILIA	Bellatorias frerei		Black Head area, Curtis Island	-23.66925457	151.2677338
ANIMALIA	REPTILIA	Carlia munda	Shaded-litter Rainbow-skink	-	-23.683333	151.216667
ANIMALIA	REPTILIA	Carlia vivax	Lively Skink	-	-23.675	151.258333
ANIMALIA	REPTILIA	Chlamydosaurus kingii	Friiled Lizard	South east corner of Curtis Island Qld.	-23.78219986	151.2207031
ANIMALIA	REPTILIA	Cryptoblepharus boutonii		-	-23.766	151.316
ANIMALIA	REPTILIA	Ctenotus robustus	Eastern Striped Skink	-	-23.758333	151.308333
ANIMALIA	REPTILIA	Ctenotus taeniolatus	Copper-tailed Skink	-	-23.675	151.258333
ANIMALIA	REPTILIA	Diplodactylus vittatus	Stone Gecko	-	-23.641667	151.225
ANIMALIA	REPTILIA	Diporiphora nobbi	Nobbi Dragon	-	-23.683333	151.216667
ANIMALIA	REPTILIA	Gehyra dubia	Dubious Dtella	-	-23.641667	151.225
ANIMALIA	REPTILIA	Heteronotia binoei	Bynoe's Gecko	-	-23.675	151.225
ANIMALIA	REPTILIA	Hydrophis kingii	Spectacled Sea Snake	-	-23.75	151.3
ANIMALIA	REPTILIA	Lygisaurus foliorum	Burnett's Skink	-	-23.725	151.225
ANIMALIA	REPTILIA	Natator depressus	Flatback Turtle	-	-23.75	151.283333
ANIMALIA	SIPUNCULIDEA	Themiste lageniformis Baird, 1868		-	-23.766	151.316
ANIMALIA		aa-Porifera		-	-23.766	151.316
ANIMALIA		aa-Sipuncula		-	-23.766	151.316
Fungi	Lecanoromycetes	Brigantiaea tricolor (Mont.) Trevis.		Gladstone.	-23.74842	151.2511
Plantae	Equisetopsida	Abildgaardia ovata (Burm.f.) Kral		Curtis Island, Southend.	-23.75675	151.3094
Plantae	Equisetopsida	Abildgaardia vaginata R.Br.		CURTIS IS SOUTHEND	-23.75675	151.3094
Plantae	Equisetopsida	Acacia amblygona A.Cunn. ex Benth.		Reserve 64, The Bluff southern Curtis Island.	-23.71425	151.2933
Plantae	Equisetopsida	Acacia crassa subsp. longicoma Pedley		Reserve 64 & Portion 14 Boundary Curtis Island.	-23.72092	151.2905
Plantae	Equisetopsida	Acacia disparrima M.W.McDonald & Maslin subsp. disparrima		Curtis Island, Southend.	-23.75675	151.3094
Plantae	Equisetopsida	Acacia leiocalyx (Domin) Pedley subsp. leiocalyx		Just N of Fishermen's Landing near Gladstone.	-23.74842	151.2511
Plantae	Equisetopsida	Acacia leptocarpa A.Cunn. ex Benth.		Reserve 64, Curtis Island.	-23.74898	151.3013
Plantae	Equisetopsida	Acacia spirorbis subsp. solandri (Benth.) Pedley		Rat Island.	-23.74842	151.2511
Plantae	Equisetopsida	Achyranthes aspera L.		CURTIS IS	-23.75	151.25
Plantae	Equisetopsida	Acmella grandiflora var. brachyglossa (Benth.) R.K.Jansen		S of Duffy Creek, 17km NW of Gladstone.	-23.72342	151.15939
Plantae	Equisetopsida	Acronychia imperforata F.Muell.		Behind beach just S of headland, Curtis Island E of Gladstone.	-23.65676	151.2594
Plantae	Equisetopsida	Aegialitis annulata R.Br.		Curtis Island, Southend.	-23.75675	151.3094
Plantae	Equisetopsida	Aeschynomene indica L.		Curtis Island.	-23.78135	151.2253
Plantae	Equisetopsida	Alloteropsis semialata (R.Br.) Hitchc.		Curtis Island, Southend.	-23.75675	151.3094
Plantae	Equisetopsida	Alphitonia excelsa (Fenzl) Benth.		Reserve 64, Curtis Island.	-23.74675	151.2955
Plantae	Equisetopsida	Alternanthera pungens Kunth		CURTIS ISLAND, NEAR WASTE MANAGEMENT FACILITY, NEAR DIRT ROAD IN BUSH.	-23.75668333	151.3023333
Plantae	Equisetopsida	Amaranthus viridis L.		CURTIS ISLAND, SOUTHERN END, GREEN WASTE SITE.	-23.75947222	151.3030278
Plantae	Equisetopsida	Aristida calycina R.Br. var. calycina		Curtis Island, Southend	-23.75	151.3
Plantae	Equisetopsida	Aristida contorta F.Muell.		Curtis Island, South End.	-23.75675	151.3094
Plantae	Equisetopsida	Aristida holathera Domin var. holathera		Curtis Island, Southend.	-23.75	151.3
Plantae	Equisetopsida	Aristida personata Henrard		Curtis Island.	-23.78135	151.2253
Plantae	Equisetopsida	Aristida queenslandica Henrard		Curtis Island.	-23.75	151.3
Plantae	Equisetopsida	Aristida queenslandica Henrard var. dissimilis (S.T.Blake) B.Simon		Curtis Island	-23.75	151.3
Plantae	Equisetopsida	Aristida queenslandica var. dissimilis (S.T.Blake) B.K.Simon		Curtis Island.	-23.75675	151.3094
Plantae	Equisetopsida	Bauhinia variegata L.		CURTIS ISLAND, SOUTHERN END, EAST COAST, SHORELINE NEAR HOUSES	-23.75655556	151.3080278

Kingdom	Class	Scientific Name	Common Name	Locality	Latitude	Longitude
Plantae	Equisetopsida	<i>Blumea mollis</i> (D.Don) Merr.		DUFFY CREEK CROSSING 18KM NW OF GLADSTONE	-23.70833333	151.175
Plantae	Equisetopsida	<i>Boerhavia coccinea</i> Mill.		Facing Island, Farmers Point.	-23.7667	151.3167
Plantae	Equisetopsida	<i>Bothriochloa bladhii</i> (Retz.) S.T.Blake		Curtis Island, S end	-23.75	151.3
Plantae	Equisetopsida	<i>Bothriochloa bladhii</i> (Retz.) S.T.Blake subsp. <i>bladhii</i>		Curtis Island, Southend.	-23.75675	151.3094
Plantae	Equisetopsida	<i>Bothriochloa bladhii</i> subsp. <i>glabra</i> (Roxb.) B.K.Simon		Curtis Island, Southend.	-23.75	151.3
Plantae	Equisetopsida	<i>Bothriochloa decipiens</i> (Hack.) C.E.Hubb. var. <i>decipiens</i>		Curtis Island.	-23.78135	151.2253
Plantae	Equisetopsida	<i>Brunoniella acaulis</i> (R.Br.) Bremek.		South end, Curtis Island.	-23.7625	151.31219
Plantae	Equisetopsida	<i>Brunoniella acaulis</i> subsp. <i>ciliata</i> R.M.Barker		Curtis Island, Southend.	-23.75675	151.3094
Plantae	Equisetopsida	<i>Calyptocarpus vialis</i> Less.		Curtis Island, nor far from jetty east coast, southern end.	-23.76194444	151.3136111
Plantae	Equisetopsida	<i>Capillipedium parviflorum</i> (R.Br.) Stapf		CURTIS IS S END OF	-23.74842	151.2511
Plantae	Equisetopsida	<i>Carpobrotus glaucescens</i> (Haw.) Schwantes		RAT IS BETWEEN GLADSTONE & CURTIS IS	-23.74842	151.2511
Plantae	Equisetopsida	<i>Carthamus lanatus</i> L.		GLADSTONE	-23.74842	151.2511
Plantae	Equisetopsida	<i>Cascabela thevetia</i> (L.) Lippold		CURTIN ISLAND, SOUTHERN END, EAST COAST NEAR HOUSES.	-23.75869444	151.3119444
Plantae	Equisetopsida	<i>Casuarina equisetifolia</i> subsp. <i>incana</i> (Benth.) L.A.S.Johnson		Connor Bluff, Curtis Island.	-23.72342	151.29269
Plantae	Equisetopsida	<i>Cenchrus echinatus</i> L.		CURTIS IS S END OF	-23.74842	151.2511
Plantae	Equisetopsida	<i>Ceriops australis</i> (C.T.White) Ballment, T.J.Sm. & J.A.Stoddart		TRIBUTARY OF CONNORS CK 13.4M E OF AMBROSE	-23.75	151.25
Plantae	Equisetopsida	<i>Ceriops tagal</i> (Perr.) C.B.Rob.		Tributary of Connors Creek, 13.4 miles E of Ambrose.	-23.74842	151.2511
Plantae	Equisetopsida	<i>Chamaesyce mitchelliana</i> (Boiss.) D.C.Hassall		Curtis Island Southend.	-23.75675	151.3094
Plantae	Equisetopsida	<i>Cheilanthes nudiuscula</i> (R.Br.) T.Moore		Curtis Island, Southend.	-23.75675	151.3094
Plantae	Equisetopsida	<i>Chionachne cyathopoda</i> (F.Muell.) F.Muell. ex Benth.		WESTERN SIDE OF CURTIS ISLAND.	-23.775	151.2191667
Plantae	Equisetopsida	<i>Chloris divaricata</i> R.Br.		Curtis Island, S end	-23.75	151.3
Plantae	Equisetopsida	<i>Chloris divaricata</i> R.Br. var. <i>divaricata</i>		Curtis Island, South end.	-23.75675	151.3094
Plantae	Equisetopsida	<i>Chloris inflata</i> Link		CURTIS ISLAND, NEAR WASTE MANAGEMENT FACILITY, NEAR DIRT ROAD IN BUSH.	-23.75666667	151.3023333
Plantae	Equisetopsida	<i>Chloris ventricosa</i> R.Br.		Facing Island, Farmers Point	-23.75	151.316667
Plantae	Equisetopsida	<i>Chorizema parviflorum</i> Benth.		The Bluff, southern Curtis Island.	-23.71425	151.2933
Plantae	Equisetopsida	<i>Chrysopogon fallax</i> S.T.Blake		RAT IS	-23.76472222	151.3180556
Plantae	Equisetopsida	<i>Clerodendrum floribundum</i> R.Br.		Rat Island.	-23.74842	151.2511
Plantae	Equisetopsida	<i>Clitoria ternatea</i> L.		CURTIN ISLAND, SOUTHERN END, EAST COAST NEAR HOUSES.	-23.75869444	151.3119444
Plantae	Equisetopsida	<i>Commelina lanceolata</i>	Spiderwort family, Spiderwort		-23.75867758	151.2846619
Plantae	Equisetopsida	<i>Conyza leucantha</i> (D.Don) Ludlow & P.H.Raven		Duffy Creek Crossing, 18km NW of Gladstone.	-23.70675	151.1761
Plantae	Equisetopsida	<i>Cordyline murchisoniae</i> F.Muell.		MUNDURAN CK N OF GLADSTONE	-23.74842	151.2511
Plantae	Equisetopsida	<i>Coronidium lanuginosum</i> (A.Cunn. ex DC.) Paul G.Wilson		S end of Curtis Island.	-23.75675	151.3094
Plantae	Equisetopsida	<i>Corymbia citriodora</i> (Hook.) K.D.Hill & L.A.S.Johnson subsp. <i>citriodora</i>		N of View Hill (GPS 23 46 16 151 16 53).	-23.76953	151.2825
Plantae	Equisetopsida	<i>Corymbia clarksoniana</i> (D.J.Carr & S.G.M.Carr) K.D.Hill & L.A.S.Johnson		E side, S of Blackhead (GPS 23 41 21 151 16 56).	-23.68759	151.28329
Plantae	Equisetopsida	<i>Crotalaria brevis</i> Domin		CURTIS IS S END	-23.74842	151.2511
Plantae	Equisetopsida	<i>Crotalaria incana</i> L. subsp. <i>incana</i>		CURTIS ISLAND, NEAR FAR FROM JETTY, EAST COAST, SOUTHERN END	-23.76180556	151.3137222
Plantae	Equisetopsida	<i>Crotalaria montana</i> var. <i>angustifolia</i> (Gagnep.) Niyomdham		CURTIS IS S END	-23.74842	151.2511
Plantae	Equisetopsida	<i>Crotalaria pallida</i> var. <i>obovata</i> (G.Don) Polhill		CURTIS ISLAND, NEAR WASTE MANAGEMENT FACILITY, NEAR DIRT ROAD IN BUSH.	-23.75666667	151.3023333
Plantae	Equisetopsida	<i>Cupaniopsis</i>		CURTIS ISLAND, SOUTHERN END NEAR BOAT POINT.	-23.79371815	151.2328348
Plantae	Equisetopsida	<i>Cupaniopsis shirleyana</i> (F.M.Bailey) Radlk.		Curtis Island, southern end near Boat Point.	-23.79372	151.2328
Plantae	Equisetopsida	<i>Cyanthillium cinereum</i> (L.) H.Rob.		South end, Curtis Island.	-23.7625	151.31219
Plantae	Equisetopsida	<i>Cymbopogon refractus</i> (R.Br.) A.Camus		CURTIS IS S END OF	-23.74842	151.2511
Plantae	Equisetopsida	<i>Cyperus brevibracteatus</i> (Domin) Domin		Curtis Island, S end.	-23.75	151.3
Plantae	Equisetopsida	<i>Cyperus conicus</i> (R.Br.) Boeck.		Curtis Island, Southend.	-23.75	151.3
Plantae	Equisetopsida	<i>Cyperus conicus</i> (R.Br.) Boeck. var. <i>conicus</i>		Curtis Island, Southend.	-23.75675	151.3094
Plantae	Equisetopsida	<i>Cyperus conicus</i> (R.Br.) Boeckeler		Curtis Island, Southend, Port Curtis District	-23.75	151.3
Plantae	Equisetopsida	<i>Cyperus conicus</i> (R.Br.) Boeckeler var. <i>conicus</i>		CURTIS IS	-23.75833333	151.3083333
Plantae	Equisetopsida	<i>Cyperus fulvus</i> R.Br.		Curtis Island, Southend.	-23.75675	151.3094
Plantae	Equisetopsida	<i>Cyperus leiocaulon</i> Benth.		Curtis Island.	-23.75675	151.3094

Kingdom	Class	Scientific Name	Common Name	Locality	Latitude	Longitude
Plantae	Equisetopsida	Cyperus scariosus R.Br.		RAT IS	-23.76472222	151.3180556
Plantae	Equisetopsida	Cyperus squarrosus L.		Curtis Island, Southend.	-23.75675	151.3094
Plantae	Equisetopsida	Cyperus stoloniferus		Gladstone	-23.75	151.25
Plantae	Equisetopsida	Dactyloctenium aegyptium (L.) Willd.		CURTIS ISLAND, NEAR WASTE MANAGEMENT FACILITY, NEAR DIRT ROAD IN BUSH.	-23.75666667	151.3023333
Plantae	Equisetopsida	Desmodium		Connor Bluff, Curtis Island.	-23.72	151.292
Plantae	Equisetopsida	Desmodium heterocarpon var. strigosum Meeuwen		Calliope, 17km NW of Gladstone.	-23.72342	151.15939
Plantae	Equisetopsida	Dianella longifolia R.Br.		South end, Curtis Island.	-23.7625	151.31219
Plantae	Equisetopsida	Dianella rara R.Br.		South end, Curtis Island.	-23.7625	151.31219
Plantae	Equisetopsida	Dianella revoluta R.Br.		Next headland N of Black Head on W slope, Curtis Island.	-23.65676	151.2594
Plantae	Equisetopsida	Dichanthium sericeum (R.Br.) A.Camus		Curtis Island Southend.	-23.7583	151.308
Plantae	Equisetopsida	Dichanthium sericeum (R.Br.) A.Camus ssp. sericeum		Curtis Island, N of Southend. Towards Connor Bluff	-23.666667	151.166667
Plantae	Equisetopsida	Dichanthium sericeum (R.Br.) A.Camus subsp. sericeum		Curtis Island, N of Southend. Towards Connor Bluff.	-23.74842	151.2511
Plantae	Equisetopsida	Digitaria ammophila (Benth.) Hughes		Curtis Island, S end	-23.75	151.3
Plantae	Equisetopsida	Digitaria ammophila (F.Muell.) Hughes		Curtis Island, Southend.	-23.75675	151.3094
Plantae	Equisetopsida	Digitaria ammophila Hughes		Curtis island, S end, Queensland.	-23.74843249	151.3010309
Plantae	Equisetopsida	Digitaria bicornis (Lam.) Roem. & Schult.		Curtis Island, Southend.	-23.75675	151.3094
Plantae	Equisetopsida	Digitaria breviglumis (Domin) Henrard		Curtis Island, S end	-23.75	151.3
Plantae	Equisetopsida	Digitaria ciliaris (Retz.) Koeler		Curtis Island, N of Southend towards Connor Bluff.	-23.7	151.2833
Plantae	Equisetopsida	Digitaria didactyla Willd.		Curtis Island, Southend.	-23.75675	151.3094
Plantae	Equisetopsida	Digitaria divaricatissima (R.Br.) Hughes		Curtis Island, Southend.	-23.75675	151.3094
Plantae	Equisetopsida	Digitaria fumida S.T.Blake		Curtis Island, Southend.	-23.75675	151.3094
Plantae	Equisetopsida	Digitaria leucostachya (Domin) Henrard		Curtis Island, N of Southend, towards Connor Bluff.	-23.74842	151.2511
Plantae	Equisetopsida	Digitaria longiflora (Retz.) Pers.		Curtis Island, Southend [S end?]	-23.75	151.3
Plantae	Equisetopsida	Digitaria ramularis (Trin.) Henrard		Curtis Island.	-23.78135	151.2253
Plantae	Equisetopsida	Dinebra decipiens (R.Br.) P.M.Peterson & N.Snow var. decipiens		CURTIS IS N OF SOUTHEND	-23.75	151.25
Plantae	Equisetopsida	Dinebra decipiens var. peacockii (Maiden & Betche) P.M.Peterson & N.Snow		CURTIS ISLAND	-23.78135	151.22525
Plantae	Equisetopsida	Dodonaea lanceolata var. subsessilifolia J.G.West		Connor Bluff, Curtis Island.	-23.72342	151.29269
Plantae	Equisetopsida	Eleusine indica (L.) Gaertn.		CURTIS ISLAND, NEAR WASTE MANAGEMENT FACILITY, NEAR DIRT ROAD IN BUSH.	-23.75666667	151.3023333
Plantae	Equisetopsida	Emilia sonchifolia (L.) DC. var. sonchifolia		CURTIS ISLAND NATIONAL PARK.	-23.67733333	151.2745556
Plantae	Equisetopsida	Enneapogon robustissimus (Domin) N.T.Burb.		Curtis Island, Southend.	-23.75675	151.3094
Plantae	Equisetopsida	Eragrostis brownii (Kunth) Nees		Curtis Island, Southend.	-23.75	151.3
Plantae	Equisetopsida	Eragrostis brownii (Kunth) Nees ex Steud.		Curtis Island, Southend	-23.75	151.3
Plantae	Equisetopsida	Eragrostis brownii (Kunth) Nees ex Wight		Curtis Island, Southend.	-23.75675	151.3094
Plantae	Equisetopsida	Eragrostis cilianensis (All.) Vignolo ex Janch.		Gladstone	-23.75	151.25
Plantae	Equisetopsida	Eragrostis cumingii Steud.		Curtis Island, S end, Queensland.	-23.74843249	151.3010309
Plantae	Equisetopsida	Eragrostis curvula (Schrad.) Nees		CURTIS ISLAND SOUTHERN END, EAST COAST, RESIDENTIAL AREA.	-23.75719444	151.3075278
Plantae	Equisetopsida	Eragrostis elongata (Willd.) J.Jacq.		Curtis Island, N of Southend. Towards Connor Bluff	-23.666667	151.166667
Plantae	Equisetopsida	Eragrostis interrupta P.Beauv.		Facing Island, Farmers Point	-23.666667	151.166667
Plantae	Equisetopsida	Eragrostis leptocarpa Benth.		Curtis Island, south end.	-23.75675	151.3094
Plantae	Equisetopsida	Eragrostis leptostachya (R.Br.) Steud.		Curtis Island, south end.	-23.74842	151.2511
Plantae	Equisetopsida	Eragrostis pilosa (L.) P.Beauv.		Curtis Island, Southend.	-23.75	151.3
Plantae	Equisetopsida	Eragrostis sororia Domin		Curtis Island, Southend.	-23.75675	151.3094
Plantae	Equisetopsida	Eragrostis spartinoidea Steud.		Curtis Island, Southend	-23.75	151.3
Plantae	Equisetopsida	Eremochloa bimaculata Hack.		Curtis Island, South end.	-23.75675	151.3094
Plantae	Equisetopsida	Eremophila debilis (Andrews) Chinmook		Curtis Island, Southend.	-23.75675	151.3094
Plantae	Equisetopsida	Eriachne aristidea F.Muell.		Facing Island, Farmers Point.	-23.74842	151.2511
Plantae	Equisetopsida	Eriachne rara R.Br.		Curtis Island, N of southend towards Connor Bluff.	-23.74842	151.2511
Plantae	Equisetopsida	Eriachne trisetata Nees ex Steud.		Facing Island, Farmers Point	-23.666667	151.166667
Plantae	Equisetopsida	Eriochloa procera (Retz.) C.E.Hubb.		Curtis Island, south end.	-23.74842	151.2511
Plantae	Equisetopsida	Eucalyptus crebra F.Muell.		Reserve 64, southern Curtis Island.	-23.74287	151.29021
Plantae	Equisetopsida	Eucalyptus exserta F.Muell.		Reserve 64, southern Curtis Island.	-23.75675	151.30409

Kingdom	Class	Scientific Name	Common Name	Locality	Latitude	Longitude
Plantae	Equisetopsida	<i>Eucalyptus latisinensis</i> K.D.Hill		Curtis Island, east of Gladstone.	-23.64009	151.2261
Plantae	Equisetopsida	<i>Eucalyptus tereticornis</i> Sm. subsp. <i>tereticornis</i>		Reserve 64, southern Curtis Island.	-23.74287	151.29021
Plantae	Equisetopsida	<i>Eucalyptus tereticornis</i> subsp. <i>tereticornis</i> Sm.		Reserve 64, southern Curtis Island.	-23.7444	151.289
Plantae	Equisetopsida	<i>Euphorbia cyathophora</i> Murr		CURTIN ISLAND, SOUTHERN END, EAST COAST NEAR HOUSES	-23.75869444	151.3119444
Plantae	Equisetopsida	<i>Euphorbia mitchelliana</i> Boiss. var. <i>mitchelliana</i>		CURTIS IS S END	-23.75833333	151.3083333
Plantae	Equisetopsida	<i>Euphorbia serrulata</i> Reinw. ex Blume		Port Curtis (Port 1), between Curtis and Facing Islands.	-23.75	151.3
Plantae	Equisetopsida	<i>Euphorbia tannensis</i> Spreng. subsp. <i>tannensis</i>		Port Curtis District; Curtis Island, North of Southend towards Connor Bluff.	-23.7	151.2833
Plantae	Equisetopsida	<i>Eustrephus latifolius</i> R.Br. ex Ker Gawl.		Curtis Island, Southend.	-23.75675	151.3094
Plantae	Equisetopsida	<i>Evolvulus alsinoides</i> (L.) L.		The Bluff, southern Curtis Island.	-23.71425	151.2933
Plantae	Equisetopsida	<i>Fimbristylis brownii</i> Benth.		Curtis Island, Southend.	-23.75	151.3
Plantae	Equisetopsida	<i>Fimbristylis dichotoma</i> (L.) Vahl		Curtis Island, Southend.	-23.75675	151.3094
Plantae	Equisetopsida	<i>Fimbristylis ferruginea</i> (L.) Vahl		Curtis Island, Southend.	-23.75675	151.3094
Plantae	Equisetopsida	<i>Fimbristylis microcarya</i> F.Muell.		Curtis Island S end.	-23.75675	151.3094
Plantae	Equisetopsida	<i>Fimbristylis pauciflora</i> R.Br.		CURTIS IS SOUTHEND	-23.75675	151.3094
Plantae	Equisetopsida	<i>Fimbristylis polytrichoides</i> (Retz.) R.Br.		Curtis Island S end.	-23.75675	151.3094
Plantae	Equisetopsida	<i>Gahnia aspera</i> (R.Br.) Spreng.		Curtis Island S end.	-23.75675	151.3094
Plantae	Equisetopsida	<i>Galactia tenuiflora</i> var. <i>villosa</i> (Wight & Arn.) Benth.		CURTIS IS S END	-23.74842	151.2511
Plantae	Equisetopsida	<i>Glycine tomentella</i> Hayata		Curtis Island, North of Southend towards Connor Bluff.	-23.7167	151.2833
Plantae	Equisetopsida	<i>Gompholobium pinnatum</i> Sm.		Facing Island.	-23.75	151.33
Plantae	Equisetopsida	<i>Gomphrena celosioides</i> Mart.		CURTIS ISLAND, SOUTH END.	-23.76311111	151.3127222
Plantae	Equisetopsida	<i>Goodenia glabra</i> R.Br.		The Bluff, Curtis Island.	-23.71425	151.2933
Plantae	Equisetopsida	<i>Grewia retusifolia</i> Kurz		S end of Curtis Island.	-23.75675	151.3094
Plantae	Equisetopsida	<i>Hedyotis galioides</i> F.Muell.		North of South end of Curtis Island, towards Connor Bluff.	-23.7167	151.2833
Plantae	Equisetopsida	<i>Hedyotis mitrasacmoides</i> F.Muell.		South end of Curtis Island.	-23.75	151.3
Plantae	Equisetopsida	<i>Heteropogon contortus</i> (L.) P.Beauv. ex Roem. & Schult.		Rat Island.	-23.74842	151.2511
Plantae	Equisetopsida	<i>Hibbertia scandens</i> (Willd.) Gilg		CURTIS IS	-23.74842	151.2511
Plantae	Equisetopsida	<i>Hibiscus heterophyllus</i> Vent.		Calliope, Duffy Creek Crossing, 18km NW of Gladstone.	-23.70675	151.1761
Plantae	Equisetopsida	<i>Hibiscus tiliaceus</i> L.		The bay immediately N of Black Head near the water outlet in the rainforest, behind the beach, Curtis Island.	-23.67342	151.2594
Plantae	Equisetopsida	<i>Hybanthus enneaspermus</i> (L.) F.Muell. var. <i>enneaspermus</i>		Curtis Island, North of South end towards Connor Bluff.	-23.7	151.2833
Plantae	Equisetopsida	<i>Hyparrhenia rufa</i> (Nees) Stapf subsp. <i>rufa</i>		SOUTHERN END OF CURTIS ISLAND, ON WEST COAST.	-23.76022222	151.3091944
Plantae	Equisetopsida	<i>Hypochaeris albiflora</i> (Kuntze) C.F.Azevedo-Goncalves & Matzenb.		W SIDE OF CURTIS ISLAND.	-23.75444444	151.2036111
Plantae	Equisetopsida	<i>Imperata cylindrica</i> (L.) Raeusch.		Rat Island.	-23.74842	151.2511
Plantae	Equisetopsida	<i>Indigofera baileyi</i> F.Muell.		CURTIS IS S END	-23.74842	151.2511
Plantae	Equisetopsida	<i>Indigofera linifolia</i> (L.f.) Retz.		Curtis Island S end.	-23.75675	151.3094
Plantae	Equisetopsida	<i>Indigofera linnaei</i> Ali		CURTIS IS S END	-23.74842	151.2511
Plantae	Equisetopsida	<i>Isotropis filicaulis</i> Benth.		CURTIS IS S END	-23.74842	151.2511
Plantae	Equisetopsida	<i>Jacksonia scoparia</i> R.Br.		The Bluff, southern Curtis Island.	-23.71425	151.2933
Plantae	Equisetopsida	<i>Keraudrenia lanceolata</i> (Steetz) Benth.		BLACKHEAD CURTIS IS	-23.69166667	151.2916667
Plantae	Equisetopsida	<i>Keraudrenia lanceolata</i> Benth.		Blackhead, Curtis Island.	-23.69009	151.29269
Plantae	Equisetopsida	<i>Lantana camara</i> L.		JUST INSIDE CURTIS ISLAND NATIONAL PARK, SOUTHERN END, ON EAST COAST OF CURTIS ISLAND.	-23.68569444	151.2816944
Plantae	Equisetopsida	<i>Lantana montevidensis</i> (Spreng.) Briq.		SOUTHERN END OF CURTIS ISLAND ON WEST COAST.	-23.76022222	151.3091944
Plantae	Equisetopsida	<i>Lepidium bonariense</i> L.		CURTIS IS SOUTH END	-23.74842	151.2511
Plantae	Equisetopsida	<i>Leptochloa decipiens</i> (R.Br.) Stapf ex Maiden		Curtis Island N of Southend.	-23.75	151.25
Plantae	Equisetopsida	<i>Leptochloa decipiens</i> (R.Br.) Stapf ex Maiden subsp. <i>decipiens</i>		Curtis Island, north of Southend.	-23.74842	151.2511
Plantae	Equisetopsida	<i>Leptochloa decipiens</i> subsp. <i>peacockii</i> (Maiden & Betche) N.Snow		Curtis Island.	-23.78135	151.2253
Plantae	Equisetopsida	<i>Leptochloa fusca</i> (L.) Kunth subsp. <i>fusca</i>		Curtis Island, South end.	-23.74842	151.2511
Plantae	Equisetopsida	<i>Leptospermum polygalifolium</i> Salisb.		The Bluff, southern Curtis Island.	-23.71425	151.2933

Kingdom	Class	Scientific Name	Common Name	Locality	Latitude	Longitude
Plantae	Equisetopsida	<i>Lepturus repens</i> (G.Forst.) R.Br.		Curtis Island, north of Southend, towards Connor Bluff.	-23.74842	151.2511
Plantae	Equisetopsida	<i>Limonium australe</i> (R.Br.) Kuntze		Salt marsh 1 km N of Southend, Curtis Island.	-23.7583	151.3
Plantae	Equisetopsida	<i>Lithomyrtus obtusa</i> (Endl.) N.Snow & Guymner		CURTIS ISLAND NATIONAL PARK.	-23.67733333	151.2745556
Plantae	Equisetopsida	<i>Lobelia anceps</i> L.f.		25km N of Gladstone, shoreline beach south of stone hut.	-23.62342	151.24271
Plantae	Equisetopsida	<i>Lomandra confertifolia</i> subsp. <i>pallida</i> A.T.Lee		Curtis Island, South end.	-23.75675	151.3094
Plantae	Equisetopsida	<i>Lomandra leucocephala</i> (R.Br.) Ewart subsp. <i>leucocephala</i>		Port Curtis (Port 1), between Curtis and Facing Islands.	-23.75	151.2833
Plantae	Equisetopsida	<i>Lomandra multiflora</i> (R.Br.) Britten subsp. <i>multiflora</i>		1.5 km from Southend by road, Curtis Island.	-23.7542	151.296
Plantae	Equisetopsida	<i>Lysiana maritima</i> (Barlow) Barlow		Curtis Island, Southend.	-23.75675	151.3094
Plantae	Equisetopsida	<i>Macroptilium atropurpureum</i> (DC.) Urb.		CURTIS ISLAND, SOUTH END.	-23.76311111	151.3127222
Plantae	Equisetopsida	<i>Macroptilium lathyroides</i> (L.) Urb.		Reserve 64, southern Curtis Island.	-23.74675	151.2955
Plantae	Equisetopsida	<i>Malvastrum coromandelianum</i> (L.) Garcke subsp. <i>coromandelianum</i>		CURTIS ISLAND, SOUTHERN END, ON EAST COAST, NEAR ROCKY SHORE.	-23.75872222	151.3128611
Plantae	Equisetopsida	<i>Megathyrsus maximus</i> var. <i>pubiglumis</i> (K.Schum.) B.K.Simon & S.W.L.Jacobs		CURTIS ISLAND, SOUTH END, EAST COAST, NEAR HOUSES AT SHORELINE	-23.75730556	151.3096111
Plantae	Equisetopsida	<i>Melaleuca viminalis</i> (Sol. ex Gaertn.) Byrnes		Duffy Creek crossing, Curtis Island, 18km NW of Gladstone.	-23.70675	151.1761
Plantae	Equisetopsida	<i>Melinis repens</i> (Willd.) Zizka		CURTIS ISLAND, NEAR WASTE MANAGEMENT FACILITY, NEAR DIRT ROAD IN BUSH.	-23.75666667	151.3023333
Plantae	Equisetopsida	<i>Myoporum acuminatum</i> R.Br. s. str.		Connor Bluff, Curtis Island.	-23.72	151.292
Plantae	Equisetopsida	<i>Myoporum boninense</i> subsp. <i>australe</i> Chinnock		S END CURTIS IS	-23.74842	151.2511
Plantae	Equisetopsida	<i>Nymphaea caerulea</i> Savigny		N of South end [Southend] of Curtis Island, towards Connor Bluff.	-23.75	151.3
Plantae	Equisetopsida	<i>Nymphaea caerulea</i> subsp. <i>zanzibarensis</i> (Casp.) S.W.L.Jacobs		N of S end of Curtis Island towards Connor Bluff.	-23.7167	151.3
Plantae	Equisetopsida	<i>Nymphaea violacea</i> Lehm.		N of south end [? Southend], towards Connor Bluff. Curtis Is.	-23.75	151.3
Plantae	Equisetopsida	<i>Oldenlandia mitrasacmoides</i> subsp. <i>trachymenoides</i> (F.Muell.) Halford		South End of Curtis Island.	-23.75675	151.3094
Plantae	Equisetopsida	<i>Panicum decompositum</i> R.Br.		Curtis Island, S end	-23.666667	151.166667
Plantae	Equisetopsida	<i>Panicum decompositum</i> R.Br. var. <i>decompositum</i>		Curtis Island, Southend.	-23.74842	151.2511
Plantae	Equisetopsida	<i>Panicum effusum</i> R.Br.		Curtis Island, Southend.	-23.74842	151.2511
Plantae	Equisetopsida	<i>Panicum paludosum</i> Roxb.		Curtis Island, N of Southend. Towards Connor Bluff.	-23.74842	151.2511
Plantae	Equisetopsida	<i>Paspalidium distans</i> (Trin.) Hughes		Curtis Island, Southend.	-23.75675	151.3094
Plantae	Equisetopsida	<i>Paspalum dilatatum</i> Poir.		Curtis Island.	-23.78135	151.2253
Plantae	Equisetopsida	<i>Paspalum distichum</i> L.		Curtis Island, N of Southend.	-23.6667	151.25
Plantae	Equisetopsida	<i>Paspalum vaginatum</i> Sw.		Curtis Island.	-23.78135	151.2253
Plantae	Equisetopsida	<i>Passiflora foetida</i> L.		CURTIS ISLAND, SOUTH END.	-23.76311111	151.3127222
Plantae	Equisetopsida	<i>Passiflora suberosa</i> L.		CURTIS ISLAND NATIONAL PARK.	-23.67733333	151.2745556
Plantae	Equisetopsida	<i>Perotis rara</i> R.Br.		Facing Island, Farmers Point.	-23.74842	151.2511
Plantae	Equisetopsida	<i>Persicaria</i>		CURTIS ISLAND.	-23.74694444	151.2925278
Plantae	Equisetopsida	<i>Phyllanthus virgatus</i> G.Forst.		Locality not recorded	-23.75675	151.3094
Plantae	Equisetopsida	<i>Pittosporum ferrugineum</i> subsp. <i>linifolium</i> (A.Cunn.) L.Cayzer, Crisp & I.Telford		' Turtle Street' 22km N of Gladstone, Curtis Island.	-23.64009	151.24271
Plantae	Equisetopsida	<i>Platysace linearifolia</i> (Cav.) C.Norman		Calliope, Two headlands south of Stone Hut near Sandhill.	-23.62342	151.2261
Plantae	Equisetopsida	<i>Podolepis longipedata</i> A.Cunn. ex DC.		The Bluff, southern Curtis Island.	-23.71425	151.2933
Plantae	Equisetopsida	<i>Polygala triflora</i> L.		WESTERN SIDE OF CURTIS ISLAND.	-23.78888889	151.2222222
Plantae	Equisetopsida	<i>Psyrax</i>		N entrance to Grahams Creek, 14km NW of Gladstone.	-23.74009	151.1761
Plantae	Equisetopsida	<i>Pterocaulon serrulatum</i> (Montrouz.) Guillaumin var. <i>serrulatum</i>		Black Head, Curtis Island.	-23.69009	151.29269
Plantae	Equisetopsida	<i>Pycnospora lutescens</i> (Poir.) Schindl.		CURTIS IS S END	-23.74842	151.2511

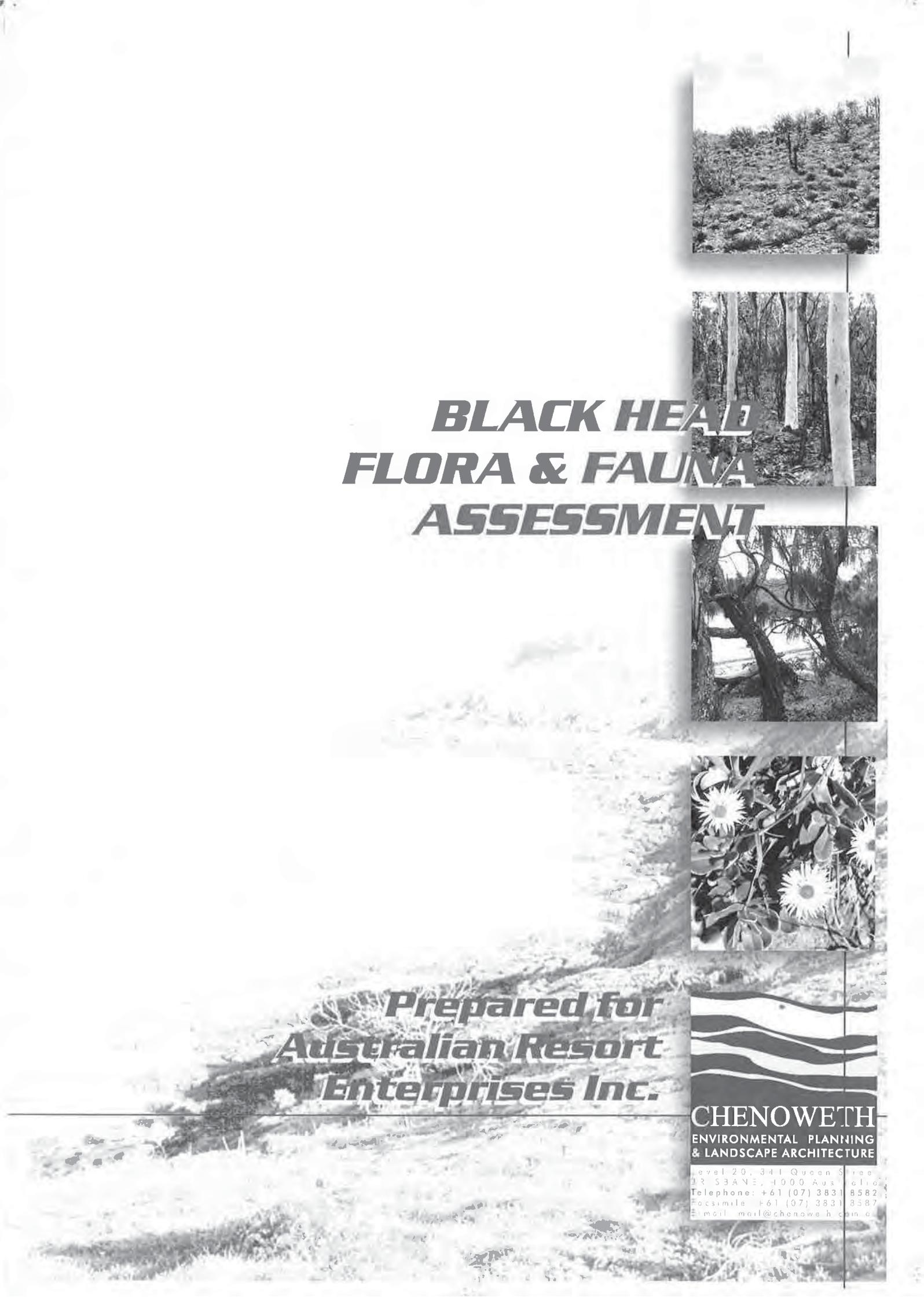
Kingdom	Class	Scientific Name	Common Name	Locality	Latitude	Longitude
Plantae	Equisetopsida	Rhynchosia minima (L.) DC.		BROAD SOUND & PORT CURTIS BETWEEN CURTIS & FACING IS & KEPPLER BAY	-23.74842	151.2511
Plantae	Equisetopsida	Ricnocarpos pinifolius Desf.		Curtis Island.	-23.74009	151.29269
Plantae	Equisetopsida	Salvia		CURTIN ISLAND, SOUTHERN END, EAST COAST NEAR HOUSES.	-23.75869444	151.3119444
Plantae	Equisetopsida	Salvia coccinea Buc'hoz ex Etl.		Curtis Island.	-23.74842	151.2511
Plantae	Equisetopsida	Sarcostemma viminalis subsp. brunonianum (Wight & Arn.) P.I.Forst.		Curtis Island, Southend.	-23.75675	151.3094
Plantae	Equisetopsida	Sarga plumosum (R.Br.) Spangler		Facing Island, Farmers Point.	-23.74842	151.2511
Plantae	Equisetopsida	Schizachyrium fragile (R.Br.) A.Camus		Curtis Island, S end towards Connor Bluff.	-23.74842	151.2511
Plantae	Equisetopsida	Schizachyrium pachyarthron C.A.Gardner		Facing Island, Farmers Point	-23.666667	151.166667
Plantae	Equisetopsida	Schizachyrium pseudoulalia (Hosok.) S.T.Blake		Curtis Island, S end, towards Connor Bluff	-23.666667	151.166667
Plantae	Equisetopsida	Scolopia braunii (Klotzsch) Sleumer		WESTERN SIDE OF CURTIS ISLAND.	-23.7988889	151.2247222
Plantae	Equisetopsida	Sehima nervosum (Rottler) Stapf		Curtis Island.	-23.78135	151.2253
Plantae	Equisetopsida	Sesuvium portulacastrum (L.) L.		Rat Island.	-23.74842	151.2511
Plantae	Equisetopsida	Setaria distans (Trin.) Veldkamp		Curtis Island, S end	-23.75	151.3
Plantae	Equisetopsida	Setaria surgens Stapf		Curtis Island, Southend.	-23.75675	151.3094
Plantae	Equisetopsida	Sida cordifolia L.		JUST INSIDE CURTIS ISLAND NATIONAL PARK, SOUTHERN END, ON EAST COAST OF CURTIS ISLAND.	-23.68569444	151.2816944
Plantae	Equisetopsida	Sida hackettiana W.Fitzg.		Curtis Island.	-23.78135	151.2253
Plantae	Equisetopsida	Sida rhombifolia L.		CURTIS ISLAND, SOUTHERN END, ON EAST COAST NEAR ROCKY SHORE	-23.75872222	151.3128611
Plantae	Equisetopsida	Sonchus oleraceus L.		CURTIS ISLAND, SOUTH END.	-23.76311111	151.3127222
Plantae	Equisetopsida	Sorghum plumosum (R.Br.) P.Beauv.		Facing Isle: Farmers Point.	-23.66511146	151.1677065
Plantae	Equisetopsida	Sorghum plumosum (R.Br.) P.Beauv. var. plumosum		Facing Island, Farmers Point.	-23.7667	151.3167
Plantae	Equisetopsida	Spermacoce multicaulis Benth.		The Bluff, southern Curtis Island.	-23.71425	151.2933
Plantae	Equisetopsida	Spermacoce sp. (Lorim Point A.Morton AM1237)		CURTIS IS SOUTH END	-23.75	151.25
Plantae	Equisetopsida	Spermacoce sp. Lorim Point (A.Morton AM1237)		Curtis Island, S end.	-23.74842	151.2511
Plantae	Equisetopsida	Sporobolus africanus (Poir.) Robyns & Tournay		Curtis Island.	-23.78135	151.2253
Plantae	Equisetopsida	Sporobolus elongatus R.Br.		Curtis Island Southend.	-23.75675	151.3094
Plantae	Equisetopsida	Sporobolus virginicus (L.) Kunth		Facing Island, Farmers Point. [Label geocode: 23 deg --'S; 151 deg --'E]	-23.7667	151.3167
Plantae	Equisetopsida	Stachytarpheta jamaicensis (L.) Vahl		JUST INSIDE CURTIS ISLAND NATIONAL PARK, SOUTHERN END, ON EAST COAST OF CURTIS ISLAND.	-23.68569444	151.2816944
Plantae	Equisetopsida	Stylosanthes hamata (L.) Taub.		SOUTHERN END OF CURTIS ISLAND, ON WEST COAST.	-23.76022222	151.3091944
Plantae	Equisetopsida	Stylosanthes scabra Vogel		JUST INSIDE CURTIS ISLAND NATIONAL PARK, SOUTHERN END, ON EAST COAST OF CURTIS ISLAND.	-23.68569444	151.2816944
Plantae	Equisetopsida	Suriana maritima L.		Port Curtis (Port 1), between Curtis & Facing Islands-Aug. 8th. 1802. Endeavour Strait, island d Oct. 30th. 1802.	-23.75	151.2833
Plantae	Equisetopsida	Tephrosia barbatala Bosman & A.J.P.De Haas		Curtis Island, S end.	-23.75675	151.3094
Plantae	Equisetopsida	Tephrosia filipes Benth. subsp. filipes		CURTIS IS S END	-23.74842	151.2511
Plantae	Equisetopsida	Tephrosia purpurea (L.) Pers.		Port Curtis District; Curtis Island; southend.	-23.75	151.3
Plantae	Equisetopsida	Themeda triandra Forssk.		Connor Bluff, Curtis Island.	-23.72	151.292
Plantae	Equisetopsida	Thespesia populnea (L.) Sol. ex Correa		Curtis Island, south end, 11km NE of Gladstone.	-23.75675	151.3261
Plantae	Equisetopsida	Thespesia populneoides (Roxb.) Kostel.		Southend, Curtis Island.	-23.7583	151.308
Plantae	Equisetopsida	Tribulus cistoides L.		Port Curtis (Port 1), between Curtis and Facing Islands. Sweer's Island (island a) and Bentinck's Island (island b), Carpentaria.	-23.75	151.3
Plantae	Equisetopsida	Tridax procumbens L.		CURTIS ISLAND, NOT FAR FROM JETTY, EAST COAST, SOUTHERN END	-23.76180556	151.3137222

Kingdom	Class	Scientific Name	Common Name	Locality	Latitude	Longitude
Plantae	Equisetopsida	<i>Typha domingensis</i> Pers.		Curtis Island, N of S end, towards Connor Bluff	-23.65	151.2333
Plantae	Equisetopsida	<i>Urochloa foliosa</i> (R.Br.) R.D.Webster		WESTERN SIDE OF CURTIS ISLAND.	-23.77583333	151.2219444
Plantae	Equisetopsida	<i>Verbena incompta</i> P.W.Michael		Rat Island.	-23.74842	151.2511
Plantae	Equisetopsida	<i>Verbena officinalis</i> L.		Gladstone	-23.75	151.25
Plantae	Equisetopsida	<i>Vitex trifolia</i> var. <i>subtrifecta</i> (Kuntze) Moldenke		Curtis Island, Southend.	-23.75675	151.3094
Plantae	Equisetopsida	<i>Wahlenbergia gracilis</i> (G.Forst.) A.DC.		'Joey Lees', Curtis Island.	-23.64009	151.24271
Plantae	Equisetopsida	<i>Wedelia spilanthis</i> F.Muell.		Rat Island.	-23.74842	151.2511
Plantae	Equisetopsida	<i>Wikstroemia indica</i> (L.) C.A.Mey.		Curtis Island, south end, 11km NE of Gladstone	-23.75675	151.3261
Plantae	Equisetopsida	<i>Xanthorrhoea</i>		Curtis Island.	-23.75675	151.3094
Plantae	Equisetopsida	<i>Xanthorrhoea fulva</i> (A.T.Lee) D.J.Bedford		South end, Curtis Island, ca.10 km NE of Gladstone.	-23.75453	151.2986
Plantae	Equisetopsida	<i>Xanthorrhoea latifolia</i> (A.T.Lee) D.J.Bedford subsp. <i>latifolia</i>		Curtis Island.	-23.75	151.3
Plantae	Equisetopsida	<i>Xanthorrhoea pumilio</i> R.Br.		Curtis Island.	-23.75675	151.3094
Plantae	Equisetopsida	<i>Xerochrysum bracteatum</i> (Vent.) Tzvelev		The Bluff, southern Curtis Island.	-23.71425	151.2933
Plantae	Equisetopsida	<i>Zornia muriculata</i> subsp. <i>angustata</i> S.T.Reynolds & A.E.Holland		Curtis Island, Southend.	-23.75675	151.3094
Aves		" <i>Lichenostomus fasciularis</i> "	"Mangrove Honeyeater"		-23.75	151.25
Aves		<i>Lichenostomus fasciularis</i>	mangrove honeyeater	Compigne Island	-23.78	151.25
		<i>Apowollastonia spilanthis</i> (F.Muell.) Orchard		RAT IS	-23.76472222	151.3180556
		<i>Charybdis spinifera</i>			-23.7645	151.3183
		<i>Chenopodium ambrosioides</i> L.		Gladstone	-23.75	151.25
		<i>Diplachne fusca</i> (L.) P.Beauv. ex Roem. & Schult. var. <i>fusca</i>		CURTIS IS SOUTHEND	-23.75833333	151.3083333
		<i>Dysphania carinata</i> (R.Br.) Mosyakin & Clemants		Facing Island Farmers Point.	-23.74842	151.2511
		<i>Dysphania littoralis</i> R.Br.		Curtis Island S end.	-23.75675	151.3094
		<i>Elodina angulipennis</i> (Lucas, 1852)	Common Pearl White		-23.78971	151.24293
		<i>Enchylaena tomentosa</i> R.Br.		Curtis Island, Southend.	-23.75675	151.3094
		<i>Enchylaena tomentosa</i> subsp. (coastal glabrous form) R.Br.		Curtis Island, Southend.	-23.75	151.3
		<i>Galaxaura</i>		Southend Curtis Island.	-23.75	151.3
		<i>Jacksonia</i>		Connor Bluff, Curtis Island.	-23.72	151.292
		<i>Salsola australis</i> R.Br.		CURTIS IS SOUTH END OF	-23.74842	151.2511
		<i>Tecticornia pergranulata</i> (J.M.Black) K.A.Sheph. & Paul G.Wilson ssp. <i>queenslandica</i> (Paul G.Wilson) K.A.Sheph. & Paul G.Wilson		Curtis Island, S end	-23.75	151.3
		<i>Tecticornia pergranulata</i> subsp. <i>queenslandica</i> (Paul G. Wilson) K.A.Sheph. & Paul G.Wilson		Curtis Island, Southend.	-23.75	151.3
		<i>Tecticornia pergranulata</i> subsp. <i>queenslandica</i> (Paul G.Wilson) K.A.Sheph. & Paul G.Wilson		Curtis Island, south end.	-23.75675	151.3094
		<i>Tecticornia pergranulata</i> subsp. <i>queenslandica</i> (Paul G.Wilson) K.A.Shepherd & Paul G.Wilson		Curtis Island, Southend.	-23.75	151.3
		<i>Veleroa elongata</i> Saenger		North Entrance, Port Curtis	-23.75	151.316667
				Compigne Island	-23.78	151.27

HRP01179  
13 October 2015



**Attachment 4**  
**CEPLA Ecological Assessment**



***BLACK HEAD  
FLORA & FAUNA  
ASSESSMENT***

***Prepared for  
Australian Resort  
Enterprises Inc.***

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## EXECUTIVE SUMMARY

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The report assesses the relative impacts of an approved resort located at Black Head, Curtis Island, with that of a revised, much smaller resort proposal.

The study mapped 13 Regional Ecosystems at a 1:25,000 scale across Black Head. The footprint of the current resort proposal is smaller than the approved resort, and affects much less of the entirely forested Black Head. Almost all the area to be affected is now on the northern side of Black Head headland, and is mainly restricted to Ironbark woodland (Regional Ecosystem 11.11.15 *Eucalyptus crebra* woodland on deformed and metamorphosed sediments and interbedded volcanics; undulating plains), which is of "No Concern at present". No species plant species listed under State or Commonwealth legislation were recorded within the proposed resort area.

The Ironbark woodland in this area is unsuitable for many of the fauna species listed under State and Commonwealth legislation, with the exception of a few such as the Brown Goshawk (*Accipiter fasciatus*) and Red-tailed Black-cockatoo (*Calyptorhynchus banksii*). The few species that do utilise this habitat are unlikely to be affected by the proposed development due to the extent of surrounding habitat and vegetation retained within the development. Mitigative measures have been recommended to minimise impacts on marine turtles that occasionally utilise the beach to the west of the subject site.

## 1.0 INTRODUCTION

---

Black Head is a prominent headland on the eastern coast of Curtis Island located approximately 20km north of Gladstone. Curtis Island is undeveloped with the exception of the township of South End located 12km south of Black Head and a number of cattle properties scattered across the island.

A diversity of ecosystems is present in the vicinity of Black Head including littoral rainforest, dry sclerophyll forest, rocky headland heath and mangal vegetation.

In 1991 a proposal to develop a nine hole golf course along with resort, paddocks and associated infrastructure over Black Head was approved by Calliope Shire Council.

This report, commissioned by Australian Resort Enterprises Inc, assesses the relative impacts of a revised much smaller resort concept for Black Head. The amended concept results in a much smaller footprint as it excludes the original golf course and includes far less structures.

Since the original Impact Assessment Study prepared by Hollingsworth Dames and Moore (1990) several key pieces of legislation have been enacted including the *Nature Conservation Act 1994*, the *Land Act 1994* and the Commonwealth's *Environment Protection and Biodiversity Conservation Act*. The current study therefore required a detailed assessment of the flora, fauna and Regional Ecosystems of Black Head.

## 2.0 BLACK HEAD VEGETATION

### 2.1 PREVIOUS STUDIES

#### 2.1.1 Herbarium

The Department of Natural Resources & Mines (DNR & M) 1:100,000 scale mapping (Appendix A) shows a total of 10 Regional Ecosystems mapped for Black Head:

**Table 1 – Regional Ecosystems mapped by the Queensland Herbarium**

Regional Ecosystem	Description	Status (June, 2001)
12.1.2	Saltpan vegetation including grassland and herbland on marine clay plains.	No concern at present
12.1.3	Mangrove shrubland to low closed forest on marine clay plains and estuaries.	No concern at present
12.2.11	<i>Corymbia</i> spp., <i>Eucalyptus</i> spp., <i>Acacia</i> spp. open forest to low closed forest on beach ridges in northern half of bioregion.	No concern at present
12.2.14	Foredune complex.	No concern at present
12.3.3	<i>Eucalyptus tereticornis</i> woodland to open forest on alluvial plains.	Endangered
12.11.6	<i>Corymbia citriodora</i> , <i>Eucalyptus crebra</i> open forest on metamorphics ± interbedded volcanics.	No concern at present
12.11.14	<i>Eucalyptus crebra</i> , <i>E. tereticornis</i> woodland on metamorphics ± interbedded volcanics.	Of concern
12.11.21	<i>Allocasuarina leuhmannii</i> , <i>Melaleuca nervosa</i> f. <i>nervosa</i> woodland on metamorphics ? interbedded volcanics.	Of concern
12.12.19	Vegetation complex of rocky headlands, predominantly but not exclusively on Mesozoic to Proterozoic igneous rocks.	Of concern
11.11.14	<i>Acacia harpophylla</i> open forest on deformed and metamorphosed sediments and interbedded volcanics.	Endangered

However finer scale mapping verified by ground-truthing of Black Head in 2002 has revealed a greater diversity and/or a different suite of Regional Ecosystems (REs) than the 10 listed above, as detailed in 2.2.1.2 below.

## 2.1.2 Monte Christo Resort Impact Assessment Study, 1990

### 2.1.2.1 Vegetation Mapping

The Monte Christo Resort Impact Assessment Study (HDM, 1990) identified a total of 17 plant communities within the resort area. These communities are mapped in **Appendix B** and summarised below. The authors noted significant overlap between the eucalypt communities and therefore mapped several “patches” as heterogeneous polygons.

**Table 2 – Black Head Vegetation Communities recorded by HDM (1990)**

Code	Description
A	Mangroves
B	Strand Vegetation
C	Coastal Scrub
D	Eucalypt, Paperbark & Cabbage Tree Palm Open Forest
E	Rainforest Patches
F	Fringing Forest
G	Cabbage Tree Palm Groves
H	Heathland Grassland, Herbland & Heath
I	Heathland Shrubland & Scrub
J	Swamp Mahogany & Eucalypt Mallee
K	Queensland Peppermint Low Open Forest
L	Swamp Mahogany Open Forest
M	Swamp Mahogany & Blue Gum Open Forest
N	Gum Topped Box Woodland
O	Paperbark Open Forest
P	Ironbark & Queensland Peppermint Open Forest
Q	Ironbark & Bloodwood Open Forest
R	Lemonscented Gum Open Forest

The 1990 report records four vegetation communities of ecological significance for their diversity and fauna habitat value:

- Coastal Scrub,
- Fringing Forest;
- Rainforest patches; and
- Stands of Cabbage Tree Palms are an interesting botanical feature and provide a valuable food resource for fauna.

The resort design approved by Council recognised the significance of these communities by retaining them undisturbed.

The 1990 report also noted that the Register of the National Estate recognised the *Xanthorrhoea pulilio* population of Black Head as “of relatively restricted occurrence”.

### 2.1.2.2 Significant Species

No species collected from the resort site, either in the 1990 study nor in recent (2002) investigations, are currently listed as rare or endangered under State or Commonwealth legislation.

## 2.2 CURRENT STUDY

### 2.2.1 Regional Ecosystem Mapping

Regional Ecosystems have been mapped within the resort area at a 1:25,000 scale (Appendix C, Map1) as a means of assessing the conservation significance of vegetation communities and addressing, in part, Section 261 of the *Land Act 1994*.

Regional Ecosystems are coded with a three-part number:

- The first number is the bioregion. The southern portion of Curtis Island is at the northern extremity the Southeast Queensland Bioregion and is therefore numbered “12”. Black Head is relatively close to and shares some Regional Ecosystems in common with the Brigalow Belt Bioregion, numbered “11”.
- The second number is the geomorphic category or “Land Zone” that the ecosystem falls within (eg all Regional Ecosystems occurring on basalt are grouped);
- The third number is the ecosystem number, and relates to the dominant vegetation.

The current status of Regional Ecosystems (June, 2001) was sourced from the Department of Natural Resources website. Under the *Vegetation Management Act 1999*, three levels of status are defined:

- **“not of concern regional ecosystem”** means a regional ecosystem that is prescribed under a regulation and has more than 30% of its pre-clearing extent remaining and the remnant vegetation remaining is more than 10 000 ha.
- **“of concern regional ecosystem”** means a regional ecosystem that is prescribed under a regulation and has either:
  - (a) 10% to 30% of its pre-clearing extent remaining; or
  - (b) more than 30% of its pre-clearing extent remaining and the remnant vegetation remaining is less than 10 000 ha.
- **“endangered regional ecosystem”** means a regional ecosystem that is prescribed under a regulation and has either:
  - (a) less than 10% of its pre-clearing extent remaining; or
  - (b) 10% to 30% of its pre-clearing extent remaining and the remnant vegetation remaining is less than 10 000 ha.

### 2.2.1.1 Methodology

The Land Zones present on Black Head were identified through interpretation of 1:25,000 Geological Mapping (HDM, 1990) and ground truthing. Five Land Zones were identified:

**Table 3 – Landzones of Black Head (1:25,000 scale)**

Land Zone	HDM (1990) Mapping Code	Age	Description	Land Form
1	Qm	Quaternary	Mangrove Flats, Supra-tidal Flats and Saltpans – sand, saline clays and marine mud	-
2	Qs	Quaternary	Coastal Sand deposits, Frontal Beach and Dune Fields - sand	-
3	Ps	Palaeozoic	Curtis Island Group, Shoalwater Formation – quartz arenite, mudstone, quartz greywacke and schist	1 – Drainage flats and depressions, seasonal swamplands and locally narrow frontal beaches – poorly drained and/or subject to inundation; & 2 (in part) – Near level to very gently sloping valley floors and lowlands – subject to occasional short-term flash flooding.
11	Ps	Palaeozoic	Curtis Island Group, Shoalwater Formation – quartz arenite, mudstone, quartz greywacke and schist	-
12	Ps	Palaeozoic	Curtis Island Group, Shoalwater Formation – quartz arenite, mudstone, quartz greywacke and schist.	Rocky headlands only.

Regional Ecosystems were then identified through interpretation of aerial photography and field survey work. The field survey was conducted over a five-day period 16-19 January 2002 during which time both Black Head and the surrounding area were inspected. Field investigations covered areas proposed to be affected by development (see Appendix C Map 3).

A GPS unit was employed to accurately locate site-specific information and areas of significance.

The original HDM (1990) mapping was also referred to, and provided guidance where time constraints did not allow for site-specific assessments (ie. outside the areas to be affected by proposed development). Appendix C, Map 3 identifies GPS point locations obtained for the Black Head area during survey work.

### 2.2.1.2 Summary of Regional Ecosystems

A total of 13 Regional Ecosystems were identified for Black Head. Of the 263 ha of vegetated land, approximately one-half (116.8 ha) area comprises “Not of Concern” REs<sup>1</sup>, and quarter of the area (56.7 ha) supports “Of Concern” REs, with a small proportion (6.2 ha) of an “Endangered” RE. Table 4 below summarises the Regional Ecosystems recorded for Black Head.

**Table 4 – Regional Ecosystems mapped in the current study**

Regional Ecosystem	Description	Status (June, 2001)
12.1.2	Saltpan vegetation including grassland and herbland on marine clay plains.	No concern at present
12.1.3	Mangrove shrubland to low closed forest on marine clay plains and estuaries.	No concern at present
12.2.2	Mixed microphyll/notophyll vine forest on beach ridges.	Of concern
12.2.11	<i>Corymbia</i> spp., <i>Eucalyptus</i> spp., <i>Acacia</i> spp. open forest to low closed forest on beach ridges in northern half of bioregion.	No concern at present
12.2.14	Foredune complex.	No concern at present
12.3.3	<i>Eucalyptus tereticornis</i> woodland to open forest on alluvial plains.	Endangered
12.3.5	<i>Melaleuca quinquenervia</i> tall open forest near coastal alluvial plains.	Of concern
12.3.6	<i>Melaleuca quinquenervia</i> , <i>Eucalyptus tereticornis</i> , <i>Lophostemon suaveolens</i> woodland on coastal alluvial plains	No concern at present
12.11.4	Semi-evergreen vine thicket on metamorphics ± interbedded volcanics.	Of concern
12.11.6	<i>Corymbia citriodora</i> , <i>Eucalyptus crebra</i> open forest on metamorphics ± interbedded volcanics.	No concern at present
12.11.20	<i>Corymbia intermedia</i> , <i>Lophostemon suaveolens</i> woodland on metamorphics ? interbedded volcanics.	Of concern
12.12.19	Vegetation complex of rocky headlands, predominantly but not exclusively on Mesozoic to Proterozoic igneous rocks.	Of concern
11.11.15	<i>Eucalyptus crebra</i> woodland on deformed and metamorphosed sediments and interbedded volcanics; undulating plains.	No concern at present

### 2.2.1.3 Regional Ecosystem Descriptions

#### 12.1.2 Saltpan vegetation including grassland and herbland on marine clay plains.

The saltpan is devoid of vegetation with the exception of Marine Couch (*Sporobolus virginicus*) and Samphire (*Halosarcia indica*) in scattered small clumps and a band along the clay pan edge.

This community currently is afforded a “No concern at present” status under the *Vegetation Management Act*.

<sup>1</sup> Areas calculated using proportional allocation of heterogeneous polygon

### **12.1.3 Mangrove shrubland to low closed forest on marine clay plains and estuaries.**

This community is located in clumps surrounding the saltpan and adjacent to the creek at the seaward edge of the saltpan. A diversity of mangroves are present in this Regional Ecosystem including Grey Mangrove (*Avicennia marina*), Milky Mangrove (*Excoecaria agallocha*) and Yellow Mangrove (*Ceriops tagal*).

This community currently is afforded a “No concern at present” status under the *Vegetation Management Act*.

### **12.2.2 Mixed microphyll/notophyll vine forest on beach ridges.**

A high diversity of species is found in this community which is located outside of the proposed development zone on sand dunes located behind Turtle Beach. Yellow Kamala (*Mallotus discolor*), Scrub Cherry (*Exocarpos latifolius*) and the Native Ebony (*Diospyros geminata*) are common species in the overstorey, with abundant Coffee Bush (*Breynia oblongifolia*), *Jasminum volubile* and *J. simplicifolium* occurring in the understorey.

This community currently is afforded an “Of concern” status under the *Vegetation Management Act*.

### **12.2.11 *Corymbia* spp., *Eucalyptus* spp., *Acacia* spp. open forest to low closed forest on beach ridges in northern half of bioregion.**

This community is located to the west of proposed development zone in the dunal system behind Turtle Beach. The community is dominated by an overstorey of Forest Red Gum (*Eucalyptus tereticornis*), Moreton Bay Ash (*Corymbia tessellaris*), *Melaleuca quinquenervia*, *M. dealbata* and Cabbage Palm (*Livistonia decipiens*).

This community currently is afforded a “No concern at present” status under the *Vegetation Management Act*.

### **12.2.14 Foredune complex.**

This narrow band of vegetation fronts the seashore along Turtle Beach and on the western edge of Black Head. The community is simple in composition with an overstorey of *Casuarina equisetifolia* and scattered *Pandanus tectorius* and an understorey of *Spinifex hirstus* and Goats Foot (*Ipomoea pes-caprae*).

This community currently is afforded a “No concern at present” status under the *Vegetation Management Act*.

### 12.3.3 *Eucalyptus tereticornis* woodland to open forest on alluvial plains.

This Regional Ecosystem was mapped by the Queensland Herbarium over a broader area of the Black Head than has been mapped in the current study. The Regional Ecosystem incorporates local abundances of Forest Red Gum (*Eucalyptus tereticornis*), Gum Topped Box (*Eucalyptus molucanna*) and Narrow Leafed Iron Bark (*Eucalyptus crebra*).

This community currently is afforded an “Endangered” status under the *Vegetation Management Act*.

### 12.3.5 *Melaleuca quinquenervia* tall open forest near coastal alluvial plains.

Broad Leafed Paper Bark (*Melaleuca quinquenervia*) dominates the overstorey of this Regional Ecosystem. In some areas there are local abundances of Cabbage Palm (*Livistonia decipiens*).

This community currently is afforded an “Of concern” status under the *Vegetation Management Act*.

### 12.3.6 *Melaleuca quinquenervia*, *Eucalyptus tereticornis*, *Lophostemon suaveolens* woodland on coastal alluvial plains

This is the dominant Regional Ecosystem present located on low lying country to the east of the salt pan and extending upward into the gullies that drain from the coastal hills. The overstorey is dominated by Forest Red Gum (*Eucalyptus tereticornis*), Swamp Box (*Lophostemon suaveolens*) and occasional Broad Leafed Paper Bark (*Melaleuca quinquenervia*). In some areas there are local abundances of Cabbage Palm (*Livistonia decipiens*). Higher in the gully network the community significantly narrows and is primarily dominated by Swamp Box (*Lophostemon suaveolens*). The understorey is composed of a suite of native grasses and *Xanthorrhoea* species.

An area of dieback was recorded with several standing dead trees. Additionally, some portions of this community are dominated by thick wattle growth, the likely result of inappropriate fire regimes.

This community currently is afforded a “No concern at present” status under the *Vegetation Management Act*.

**RE 12.11.4 Semi-evergreen vine thicket on metamorphics ± interbedded volcanics.**

This Regional Ecosystem shares a similar suite of species as Regional Ecosystem 12.2.2, although is not as diverse. It occurs in isolated patches to the west of the salt pan.

This community currently is afforded an “Of concern” status under the *Vegetation Management Act*.

**12.11.6 *Corymbia citriodora*, *Eucalyptus crebra* open forest on metamorphics ± interbedded volcanics.**

This Regional Ecosystem is present as distinct patches within Regional Ecosystems 11.11.15 and 12.11.20. Spotted Gum (*Corymbia citriodora*) dominates the overstorey along with occasional Narrow Leafed Iron Bark (*Eucalyptus crebra*). The understorey is composed of a suite of native grasses and *Xanthorrhoea* species.

This community currently is afforded a “No concern at present” status under the *Vegetation Management Act*.

**12.11.20 *Corymbia intermedia*, *Lophostemon suaveolens* woodland on metamorphics ? interbedded volcanics.**

This Regional Ecosystem is unique to Curtis Island (Sattler & Williams, 1999). The overstorey is dominated by Pink Bloodwood (*Corymbia intermedia*) with occasional Swamp Box (*Lophostemon suaveolens*). The understorey is dominated by native grasses and *Xanthorrhoea* species.

This community currently is afforded an “Of concern” status under the *Vegetation Management Act*.

**12.12.19 Vegetation complex of rocky headlands, predominantly but not exclusively on Mesozoic to Proterozoic igneous rocks.**

Two distinct vegetation communities are grouped into this Regional Ecosystem. The two communities, which have been individually identified in Appendix C, Map1, correspond with the Sparshott *et al* (1997) B20 Kangaroo grass grassland on headlands and B17 Acacia/Banks' grevillea shrubland on headlands. The grassland component of this Regional Ecosystem includes abundant *Xanthorrhoea pumilio* and a diversity of grasses including Kangaroo grass (*Themeda triandra*) and Cockatoo Grass (*Alloteropsis semialata*). Several “prostrate” shrubs occur in this community including Dogwood (*Jacksonia scoparia*) and native Hop (*Dodonaea viscosa*). The shrubland component of this Regional Ecosystem is dominated by

stunted *Melaleuca nervosa*, Hickory Wattle (*Acacia disparrima*) and Pink Bloodwood (*Corymbia intermedia*).

This community currently is afforded an “Of concern” status under the *Vegetation Management Act*.

**11.11.15 *Eucalyptus crebra* woodland on deformed and metamorphosed sediments and interbedded volcanics; undulating plains.**

Although the site is located within the Southeast Queensland Bioregion this Regional Ecosystem was equivalent to the Brigalow Belt Bioregion’s 11.11.15.

This community is dominated by an overstorey of Narrow Leafed Iron Bark (*Eucalyptus crebra*) and Queensland Peppermint (*Eucalyptus exserta*). The understorey is dominated by native grasses and *Xanthorrhoea* species.

This community currently is afforded a “No concern at present” status under the *Vegetation Management Act*.

## 2.2.2 Condition of Vegetation

With the exception of a few dirt tracks very little disturbance is evident in the vegetation communities of Black Head. However, thick stands of wattle with little other diversity (Plate 1) are present in some locations within dry sclerophyll forests – the likely result of inappropriate fire regimes. These areas have been identified in Appendix C, Map 1.

Very few weeds are present within the study area. The occasional presence of Snake-Weed (*Stachytarpheta urticifolia*), Prickly Pear (*Opuntia inermis*) and small thickets of *Lantana camara* makes their removal an achievable task.

Corky Passionfruit (*Passiflora suberosa*) is scattered throughout the forests of lack Head, but are mainly confined to gullies and waterways. It is likely the frequent burning regime has prevented this species, along with others, from dominating parts of the site.

The only location where there is a significant presence of weed species is on a small cliff adjacent to the headland.

### 2.2.3 Significant Species

A complete species list for the covered by the Black Head vegetation map is presented in Appendix C. No significant species were recorded during the current site investigation nor during the HDM (1990) study.

A listing of Herbarium Records for Curtis Island is presented in Appendix D. A single specimen of the Rare *Actephilla sessilifolia* was recorded in an area approximately 20km<sup>2</sup> to the northwest of Black Head in a rainforest community.

## 2.3 LIKELY IMPACTS ON FLORA

The approved resort included development over areas which have now been recognised and mapped as supporting an Endangered Regional Ecosystem (Forest Red Gum on alluvial plains) and considerable areas of “Of Concern” REs within the catchment of the salt flats (clay pan).

The footprint of the current resort proposal is smaller than the approved resort, and affects much less of the catchment of the salt flats. Almost all the area to be affected is now on the northern side of Black Head headland, and is mainly restricted to Ironbark woodland (Regional Ecosystem 11.11.15 *Eucalyptus crebra* woodland on deformed and metamorphosed sediments and interbedded volcanics; undulating plains), which is of “No Concern at present”.

<sup>2</sup> based on the southeast edge of a 1 minute grid cell in which the specimen was collected

## 3.0 FAUNA

### 3.1 PREVIOUS STUDIES

A full list of species recorded from the southeastern end of Curtis Island is presented in Appendix E. Only the current study specifically recorded species from the Black Head resort site. Although, some of the species listed for the southeastern end of Curtis Island may utilise the Black Head resort site occasionally the appropriate habitat is absent for many of the listed species including species in the Family Anatidae (geese, swans and ducks). The presence of marine turtles is discussed in Section 3.2.2.

#### 3.1.1 Museum

Records were obtained for the southeast of Curtis Island Latitude between: -23.5507 and -23.8031 & Longitude between: 151.1677 and 151.3161.

The Queensland Museum has made 83 collections of 32 species from Curtis Island only one of which, the Fatback Turtle (*Natator depressus*), is regarded as Vulnerable under both the Nature Conservation Act 1994 and the Commonwealth's *Environment Protection and Biodiversity Conservation Act*. No species were collected specifically from the Black Head resort site.

#### 3.1.2 Wildnet

Records were obtained for the southeast of Curtis Island Latitude between: -23.5507 and -23.8031 & Longitude between: 151.1677 and 151.3161.

Wildnet have recorded 146 species from Curtis Island, 5 of, which are exotic. A number of species are scheduled under the *Nature Conservation Act 1994*:

**Table 5 – NCA listed species recorded in southeast Curtis Island by Wildnet**

SPECIES	COMMON NAME	STATUS
<i>Sterna albifrons</i>	little tern	E
<i>Haematopus fuliginosus</i>	sooty oystercatcher	R
<i>Melithreptus gularis</i>	black-chinned honeyeater	R
<i>Tadorna radjah</i>	radjah shelduck	R
<i>Ephippiorhynchus asiaticus</i>	black-necked stork	R
<i>Epthianura crocea</i>	yellow chat	V
<i>Esacus neglectus</i>	beach stone-curlew	V
<i>Natator depressus</i>	flatback turtle	V*

\* - Also listed under the Commonwealth's *Environment Protection and Biodiversity Conservation Act*

Wildnet provide no indication of specifically where on Curtis Island the records were obtained.

### 3.1.3 Monte Christo Resort Impact Assessment Study, 1990

The HDM (1990) report records 55 species, three of which are exotic. The report provides no indication as to whether these species were recorded around the Black Head resort site. Of the remainder four are listed under the *Nature Conservation Act 1994*:

**Table 6 – NCA recorded on Curtis Island by HDM (1990)**

SPECIES	COMMON NAME	STATUS
<i>Caretta caretta</i>	Loggerhead Turtle	E*
<i>Natator depressus</i>	flatback turtle	V*
<i>Melithreptus gularis</i>	black-chinned honeyeater	R
<i>Tadorna radjah</i>	radjah shelduck	R

\* - Also listed under the Commonwealth's *Environment Protection and Biodiversity Conservation Act*

## 3.2 CURRENT STUDY

### 3.2.1 Terrestrial Fauna

The current study was limited to observations of fauna, including overturning logs and debris, visual inspections of trees for mammal scratches (eg. possum and glider) and search for fauna scats and birds were identified from either direct observation and/or their vocalisation.

The study recorded 14 species occurring within the Black Head resort area, none of which are listed as Endangered, Vulnerable or Rare.

A diversity of habitat types are presented within or abutting the Black Head resort area providing niches for a wide range of fauna.

Of particular note is the extensive Regional Ecosystem 12.3.6 *Melaleuca quinquenervia*, *Eucalyptus tereticornis*, *Lophostemon suaveolens* woodland on coastal alluvial plains. This Regional Ecosystem is likely to provide valuable habitat for a broad range of fauna because of the presence of:

- Many large hollow bearing trees;
- Streams;
- Patches of rainforest and cabbage palms; and
- Dense understorey of grasses and wattle species.

Regional Ecosystems 12.3.3 *Eucalyptus tereticornis* woodland to open forest on alluvial plains and 12.3.5 *Melaleuca quinquenervia* tall open forest near coastal alluvial plains provide similar valuable habitat.

The salt pan, Regional Ecosystem 12.1.2, is likely to occasionally provide habitat for some species of bird.

### 3.2.2 Marine Turtles

The current study involved no field survey work to ascertain whether Marine Turtles utilise either Turtle Beach to the northwest of the Black Head resort site or the small sandy beaches around Black Head.

The HDM (1990) study reports that turtles have been recorded along the sandy beaches of the eastern side of Curtis Island. Also, local residents have observed turtles coming ashore north of, but not on the resort site beach (Turtle Street Beach). Major nesting sites for Flatback Turtles (*Natator depressus*) occur south of Conner Bluff towards the southern end of the island and on Peak Island National Park to the north of Curtis Island. The HDM (1990) has also reported that Loggerhead Turtles (*Caretta caretta*) also utilise Curtis Island.

Local National Parks and Wildlife Service volunteer Mr Peter Barratt was consulted during this study regarding the presence of turtles around the Black Head resort site. He reported that turtles have in the past utilised Turtle Beach to the northwest of Black Head, but have not in recent years. Most turtle activity is located at South End where predominantly Flat Back Turtles (*Natator depressus*) nest between October and December. Hatchlings appear approximately 8 weeks after laying – taking the nesting season through to March.

## 3.4 MIGRATORY SPECIES

Several Species have been recorded on Curtis Island that are listed as Migratory Species under the Commonwealth's *Environment Protection and Biodiversity Conservation Act* (EPBC Act) (refer to Appendix E for species). A number of these species may forage and/or roost around the Black Head resort site and the adjacent salt pan.

The EPBC Act provides the statutory basis for the Commonwealth Government's involvement in environmental assessment of projects if an action is likely to have a significant impact on matters of national environmental significance. "Actions" that have, or are likely to have, a significant impact on a matter of national environmental significance

require approval from the Commonwealth Environment Minister under the EPBC Act.

It is anticipated that the “action” of development will have, or is likely to have a significant impact on a migratory species if it:

- substantially modifies (including by fragmenting, altering fire regimes, altering nutrient cycles or altering hydrological cycles), destroys or isolates an area of “important habitat” of the migratory species, or
- results in invasive species that is harmful to the migratory species becoming established in an area of important habitat of the migratory species, or
- seriously disrupts the lifecycle (breeding, feeding, migration or resting behaviour) of an ecologically significant proportion of the population of the species.

Environment Australia defines “important habitat” of migratory species, defined as:

1. habitat utilised by a migratory species occasionally or periodically within a region that supports an ecologically significant proportion of the population of the species, or
2. habitat utilised by a migratory species which is at the limit of the species range, or
3. habitat within an area where the species is declining.

### 3.5 LIKELY IMPACTS ON FAUNA

As outlined in 2.3 above, the approved resort would have affected an Endangered Regional Ecosystem and areas surrounding the salt flats, while the current resort proposal is for a much more confined ‘footprint’ on the northern side of Black Head. The Ironbark woodland in this area is unsuitable for many of the species listed under State and Commonwealth legislation, with the exception of a few such as the Brown Goshawk (*Accipiter fasciatus*) and Red-tailed Black-cockatoo (*Calyptorhynchus banksii*). The few species that do utilise this habitat are unlikely to be affected by the proposed development due to the extent of surrounding habitat and vegetation retained within the development.

## 4.0 BLACK HEAD IMPACT MITIGATION

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### 4.1 FLORA

The proposed development requires some clearing of trees for the resort and associated infrastructure, but less than was envisaged for the approved resort. Nevertheless, under the *Land Act 1994* a permit is required to clear trees on leasehold Land - this application is currently being processed.

Clearing will be mainly limited to the Ironbark Woodland (RE 11.11.15 of "No Concern at Present"). Some additional clearing will be required in "Of Concern" Regional Ecosystems 12.11.4 and 12.11.20 to construct associated infrastructure including dams, access roads and sewage treatment facilities.

However the nett effects on local nature conservation values will be less than those of the approved resort, which would have required clearing of a greater number of trees, and associated earthworks, affecting an Endangered RE and the surrounds of the clay pan area to the north-west of Black Head.

The following should be considered to minimise the impact on the floristic values of Black Head:

- Disturbance in Regional Ecosystem 12.12.19 (Vegetation complex of rocky headlands, predominantly but not exclusively on Mesozoic to Proterozoic igneous rocks) should be minimised. Existing tracks no longer required within this Regional Ecosystem should be rehabilitated through preventing vehicular traffic and repair of areas of erosion.
- Control weed species. The small numbers of weeds on Black Head makes complete eradication almost feasible. Weed control efforts should be centred on Snake-Weed (*Stachytarpheta urticifolia*).
- Do not introduce weed species. This will require the thorough cleaning (by pressure-spray) of wheels, blades and undersides of all equipment entering Black Head for construction or maintenance.
- Utilise local native species in landscaping, preferably of local provenance stock.
- Transplanting grass trees (*Xanthorrhoea* spp.) for use in landscapes.

- Retention of large trees in areas to be cleared. Trees with hollows should be retained for their habitat value, unless they pose a direct safety risk.
- The development should be staged to minimise the extent of bare earth slopes at any one time, with no substantial earthworks during the wet season.
- Interpretation & education programs for contractors, residents, staff, tourists and day-visitors.

## 4.2 FAUNA

### 4.2.1 Terrestrial Fauna

Various studies (Queensland Museum, Wildnet, HDM 1990 and the current study) have recorded 178 native species in the southeast of Curtis Island. The diversity of habitat types present on Black Head makes it suitable habitat for many of these species. The proposed development footprint is relatively small and generally limited to areas of lower habitat value (dry sclerophyll on ridges).

It is anticipated that the development will have some affect on local fauna populations. This effect will be relatively small considering the minor scale of clearing in a vast forested area. It is unlikely that the development will threaten the survival of any species on Curtis Island. Despite this, efforts should be made to minimise impacts on terrestrial fauna through:

- Maximising retention of vegetation.
- Minimise disturbance in high value habitat areas including Regional Ecosystems 12.3.6, 12.3.3, 12.3.5 and 12.11.4.
- No disturbance of salt pan vegetation.
- Retaining large hollow bearing trees in cleared areas.
- Use of local native plants in landscaping.
- Retain natural waterways.
- Discourage cat and dog ownership.
- Interpretation & education programs for contractors, residents, staff, tourists and day-visitors.

### 4.2.2 Marine Turtles

Although the beaches surrounding Black Head are rarely utilised by marine turtles (HDM, 1990; *pers com.* Barratt, 2002) the design of the development should consider their occasional presence given their significance under both the *Nature Conservation Act 1994* and EPBC Act.

As lighting, movement and noise disturbs turtles the resort's design and layout should be sympathetic to their requirements. "Turtle friendly" lighting utilised at Mon Repos should be considered for the Black Head resort development. Furthermore, the HDM (1990) report recommends the following should be instigated during the nesting season based on input from Col Limpus (QNPWS):

- No elevated lighting or bright flood light areas should be seen from the beach or ocean after 7.30pm;
- Low pressure sodium lamps should be installed to illuminate areas such as pathways, outside entertainment etc.; and
- Alternatively low set lights or lights screened by vegetation should be installed.

Driving on the beach should not be permitted during the nesting season after dusk.

## 5.0 ACCESS OPTION – HOBBLE GULLY

The area between the proposed Black Head resort development and the esplanade adjacent to Hobble Gully was walked in two transects on the 18 and 19 January. GPS point locations were taken on route and Regional Ecosystems recorded. A total of 4 Regional Ecosystems were recorded are mapped in Appendix C, Map 4 and described in Table 7 below:

**Table 7 – Regional Ecosystems recorded along proposed access route from Hobble Gully**

Regional Ecosystem	Description	Status (June, 2001)	Approximate distance (km)
12.3.3	<i>Eucalyptus tereticornis</i> woodland to open forest on alluvial plains.	Endangered	0.83
12.11.6	<i>Corymbia citriodora</i> , <i>Eucalyptus crebra</i> open forest on metamorphics ± interbedded volcanics.	No concern at present	0.67
12.11.20	<i>Corymbia intermedia</i> , <i>Lophostemon suaveolens</i> woodland on metamorphics ? interbedded volcanics.	Of concern	2.18
12.11.21	<i>Allocasuarina leuhmannii</i> , <i>Melaleuca nervosa</i> f. <i>nervosa</i> woodland on metamorphics ? interbedded volcanics.	Of concern	0.13

After intersecting the Esplanade surrounding Hobble Gully the access will cross through extensive areas of 12.3.3 (*Eucalyptus tereticornis* woodland to open forest on alluvial plains), 12.1.2 (Saltpan vegetation including grassland and herbland on marine clay plains) and to a lesser extent through 12.1.3 (Mangrove shrubland to low closed forest on marine clay plains and estuaries).

Presently no track runs directly between Hobble Gully and Black Head, therefore the proposed access will require the clearing of approximately 0.83 linear kilometres of “Endangered”, 2.31km of “Of Concern” and 0.67km of “No Concern at Present” Regional Ecosystems.

The proposed access will also require crossings of Hobble Gully Creek, Logbridge Creek and their numerous tributaries.

## 6.0 ACCESS OPTION – SOUTH END

The area between the proposed Black Head resort development and South End was surveyed on the 18 January. GPS point locations were taken on route and Regional Ecosystems recorded. A total of 9 Regional Ecosystems were recorded and are mapped in Appendix C, Map 4 and described in Table 8 below:

**Table 8 – Regional Ecosystems recorded along proposed access route from South End**

Regional Ecosystem	Description	Status (June, 2001)	Approximate distance (km)
12.1.2	Saltpan vegetation including grassland and herbland on marine clay plains.	No concern at present	0.20*
12.1.3	Mangrove shrubland to low closed forest on marine clay plains and estuaries.	No concern at present	<0.01 *
12.2.11	<i>Corymbia</i> spp., <i>Eucalyptus</i> spp., <i>Acacia</i> spp. open forest to low closed forest on beach ridges in northern half of bioregion.	No concern at present	0.39*
12.3.3	<i>Eucalyptus tereticornis</i> woodland to open forest on alluvial plains.	Endangered	1.23*
12.3.6	<i>Melaleuca quinquenervia</i> , <i>Eucalyptus tereticornis</i> , <i>Lophostemon suaveolens</i> woodland on coastal alluvial plains	No concern at present	0.6*
12.11.14	<i>Eucalyptus crebra</i> , <i>E. tereticornis</i> woodland on metamorphics ± interbedded volcanics.	Of concern	1.60*
12.11.20	<i>Corymbia intermedia</i> , <i>Lophostemon suaveolens</i> woodland on metamorphics ? interbedded volcanics.	Of concern	1.22*
12.12.19	Vegetation complex of rocky headlands, predominantly but not exclusively on Mesozoic to Proterozoic igneous rocks.	Of concern	4.80* + 1.02
11.11.15	<i>Eucalyptus crebra</i> woodland on deformed and metamorphosed sediments and interbedded volcanics; undulating plains.	No concern at present	0.38*

\* Denotes where the road corridor has already been cleared to a substantial width.

An existing track is present along the entire route, with most of the southern half recently cleared to a width of 15-20m (see Plate 2). The proposed track may require additional clearing during the upgrading of approximately 1.02 linear kilometres through the “Of Concern” Regional Ecosystem 12.12.19 (Vegetation complex of rocky headlands, predominantly but not exclusively on Mesozoic to Proterozoic igneous rocks). Most of the upgrade will be within the shrubland component of this Regional Ecosystem with very little impacting the *Xanthorrhoea pumilio* grassland component. Nevertheless additional Work within this Regional Ecosystem should take consideration of the sensitivity of the *Xanthorrhoea pumilio* grassland component to disturbance and the highly erodable substrate as evident in Plate 3.



**Plate 1** - Wattles species are dominant in some locations within the eucalypt forests of Black Head. Very little diversity was observed in these areas. The abundant seedlings are *Keraudrenia lanceolata*.



**Plate 2** - The road from South End to the entry of the Graving Land.



**Plate 3** - Erosion adjacent a track through RE 12.12.19 (Vegetation complex of rocky headlands, predominantly but not exclusively on Mesozoic to Proterozoic igneous rocks).

APPENDIX

A

*DNR &M 1:100,000  
mapping of Black Head*

APPENDIX

B

*Hollingsworth Dames &  
Moore (1990) mapping of  
Black Head*

# VEGETATION - RESORT AREA

## LEGEND

- Existing Tracks
- Drainage

## Vegetation Types

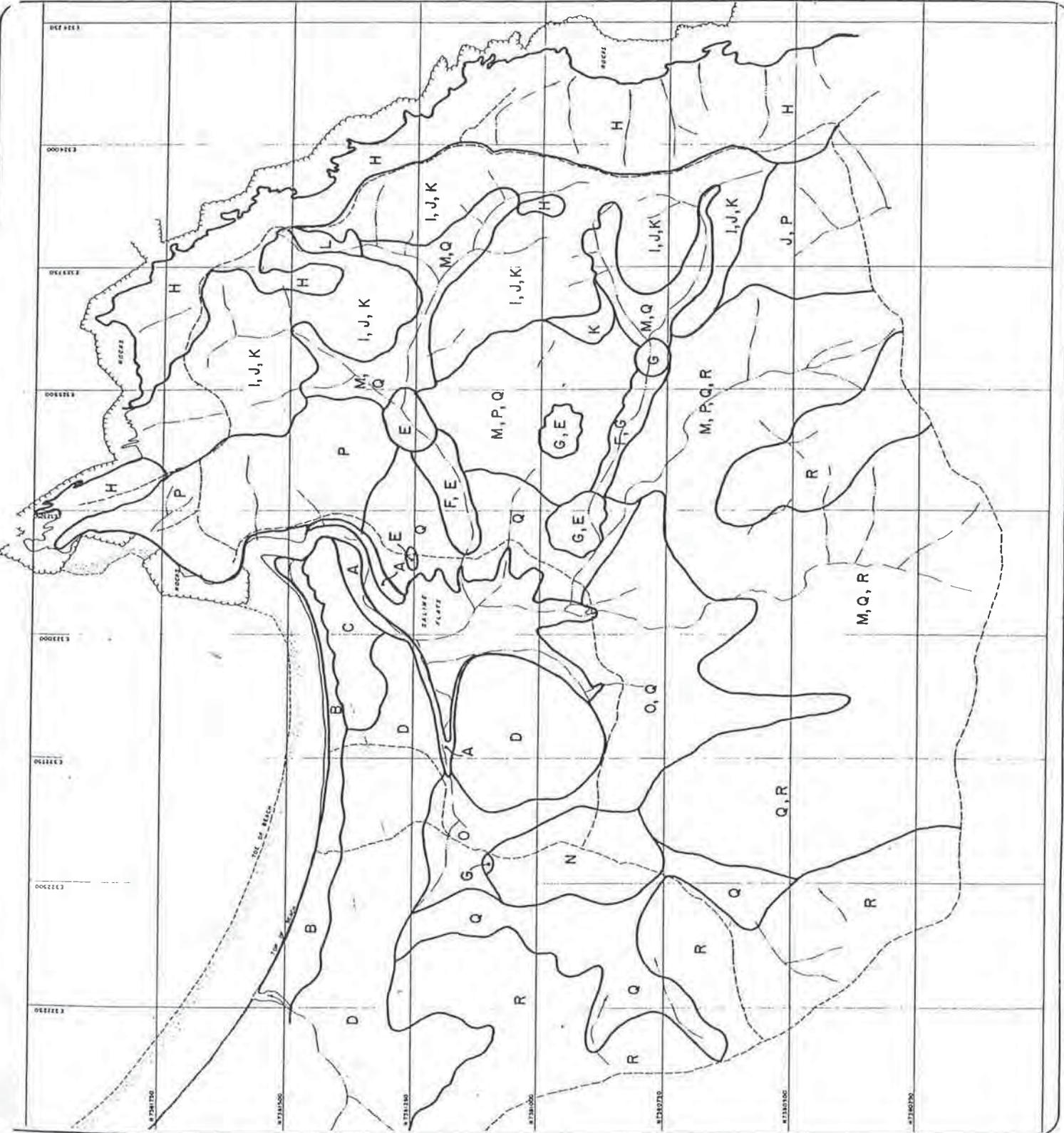
- A Mangroves
- B Strand Vegetation
- C Coastal Scrub
- D Eucalypt, Paperbark & Cabbage Tree Palm Open Forest
- E Rainforest Patches
- F Fringing Forest
- G Cabbage Tree Palm Groves
- H Headland Grassland, Herbland & Heath
- I Headland Shrubland & Scrub
- J Swamp Mahogany & Eucalypt Mallee
- K Queensland Peppermint Low Open Forest
- L Swamp Mahogany Open Forest
- M Swamp Mahogany & Blue Gum Open Forest
- N Gum Tapped Box Woodland
- O Paperbark Open Forest
- P Ironbark & Queensland Peppermint Open Forest
- Q Ironbark & Bloodwood Open Forest
- R Lemonscented Gum Open Forest

## MONTE CHRISTO RESORT



Job No HOB0020

FIG. 6.1



APPENDIX

# C

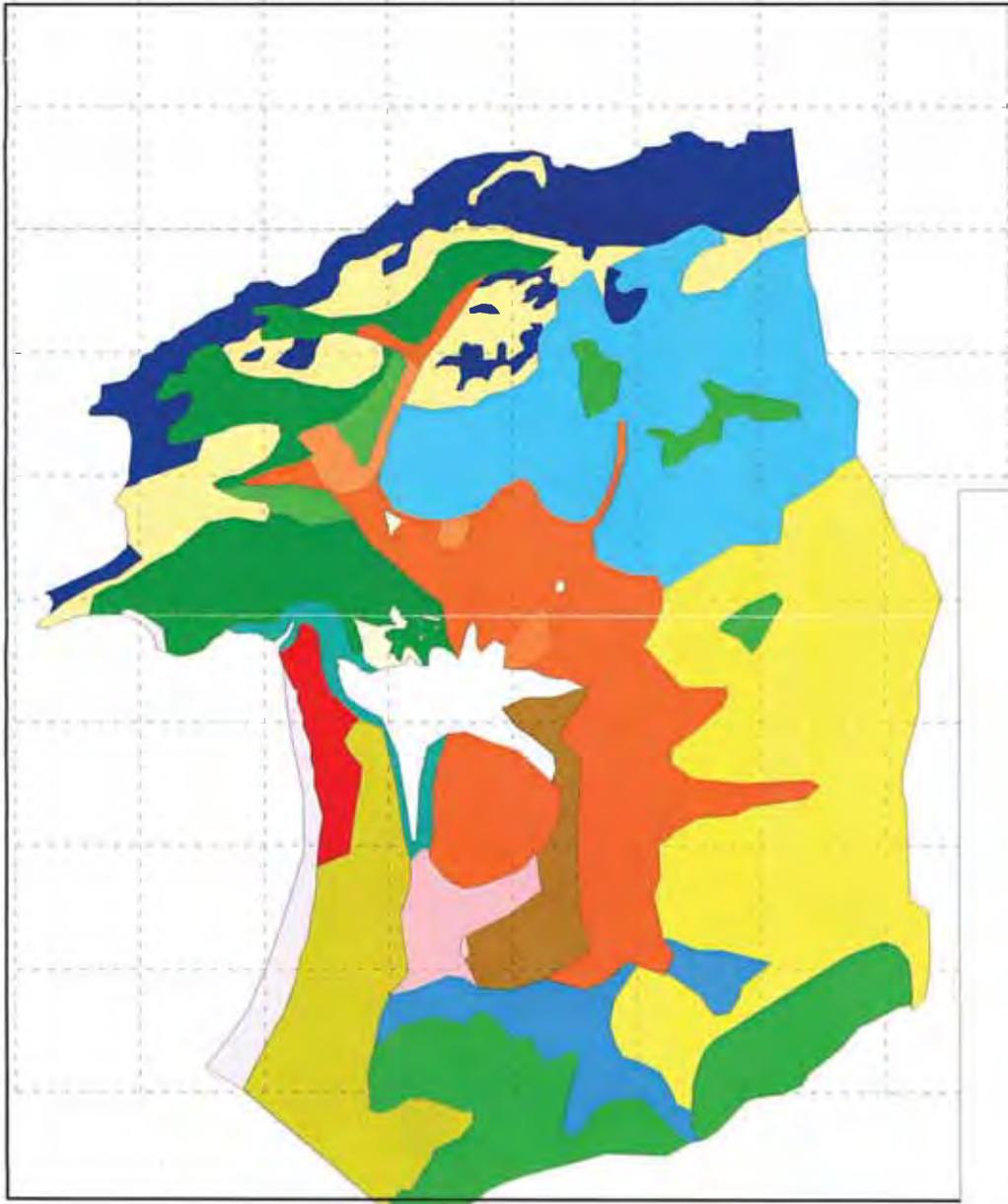
## *Maps*

*MAP 1: 1:25,00 Regional Ecosystem Mapping of Black Head  
(CEPLA, 2002)*

*MAP 2: 1:25,000 Regional Ecosystem Status Mapping of  
Black Head (CEPLA, 2002)*

*MAP 3: GPS Point Locations for Black Head*

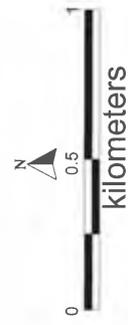
*MAP 4: Regional Ecosystem Transects*



**Regional Ecosystems**

- 11 11 15 - Eucalyptus crebra woodland on delomed and melanorposed sediments and interbedded volcanics, undulating plains
- 11 11 15 - Eucalyptus crebra woodland on delomed and melanorposed sediments and interbedded volcanics, undulating plains <Predominantly wattles>
- 11 11 15/12 11 20
- 12 1 2 - Saltpan vegetation including grassland and herbland on marine clay plains
- 12 1 3/12 1 2 - Mangrove shrubland to low closed forest on Quaternary estuarine deposits/12 1 2
- 12 2 2 - Mixed microphyll/mulophyll vine forest on beach ridges
- 12 2 11 - Corymbia spp. - Eucalyptus spp. - open forest to low closed forest on beach ridges in northern half of bioregion
- 12 2 14 - Foretune complex.
- 12 3 3 - Eucalyptus leucomis woodland to open forest on alluvial plains
- 12 3 5 - Melaleuca quinquenervia tall open forest near coastal alluvial plains
- 12 3 5 - Melaleuca quinquenervia tall open forest near coastal alluvial plains <Cabbage Palm Grove>
- 12 3 5 - Melaleuca quinquenervia tall open forest near coastal alluvial plains
- 12 3 6 - Melaleuca quinquenervia, Eucalyptus leucomis, Lophostemon suaveolens woodland on coastal alluvial plains <With dieback or wattles>
- 12 3 6 - Melaleuca quinquenervia, Eucalyptus leucomis, Lophostemon suaveolens woodland on coastal alluvial plains <Cabbage Palm Grove>
- 12 3 6 - Melaleuca quinquenervia, Eucalyptus leucomis, Lophostemon suaveolens woodland on coastal alluvial plains
- 12 11 4 - Semi-evergreen vine thicket on metamorphics and interbedded volcanics
- 12 11 6 - Corymbia citrodora, Eucalyptus crebra open forest on metamorphics and interbedded volcanics
- 12 11 20 - Corymbia intermedia, Lophostemon suaveolens woodland on metamorphics and interbedded volcanics
- 12 11 20/11 15
- 12 12 19 - Vegetation complex of rocky headlands, predominantly but not exclusively on Mesozoic to Proterozoic igneous rocks <Grassland/heathlands>
- 12 12 19 - Vegetation complex of rocky headlands, predominantly but not exclusively on Mesozoic to Proterozoic igneous rocks. Windsheared shrubland

(Derived from 1997 1:25,000 Aerial Photography, previous mapping by Hellingworth Dames & Moore (1999) and extensive ground truthing, January 2002)



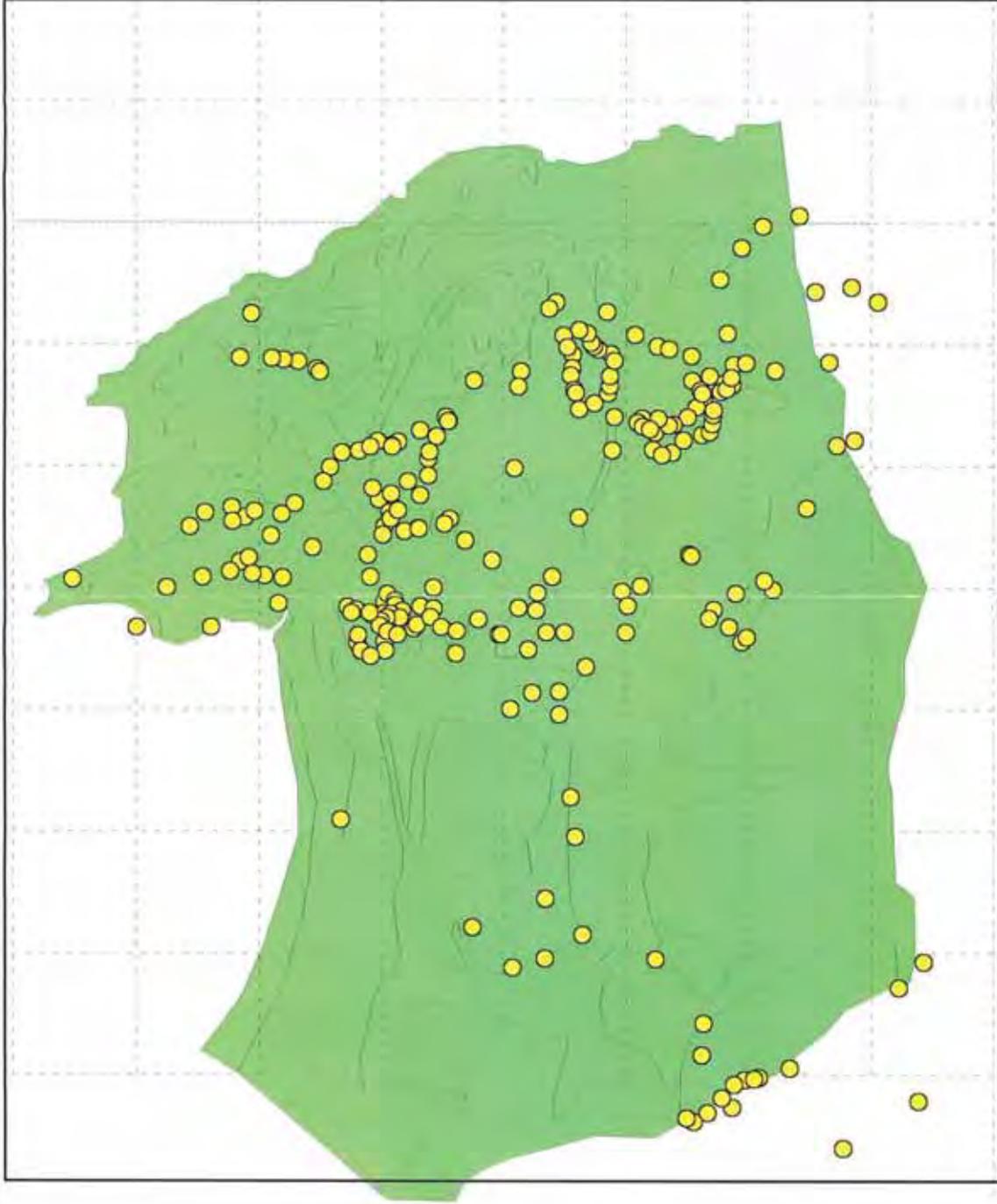
Black Head  
Flora & Fauna Assessment

**Regional Ecosystems  
Black Head**

**MAP 1**

The Regional Ecosystems v2.WOR  
Date: 24/1/02  
01866 Dom.BJPS





**Legend**  
 ● GPS Point Locations  
 ■ Vegetation

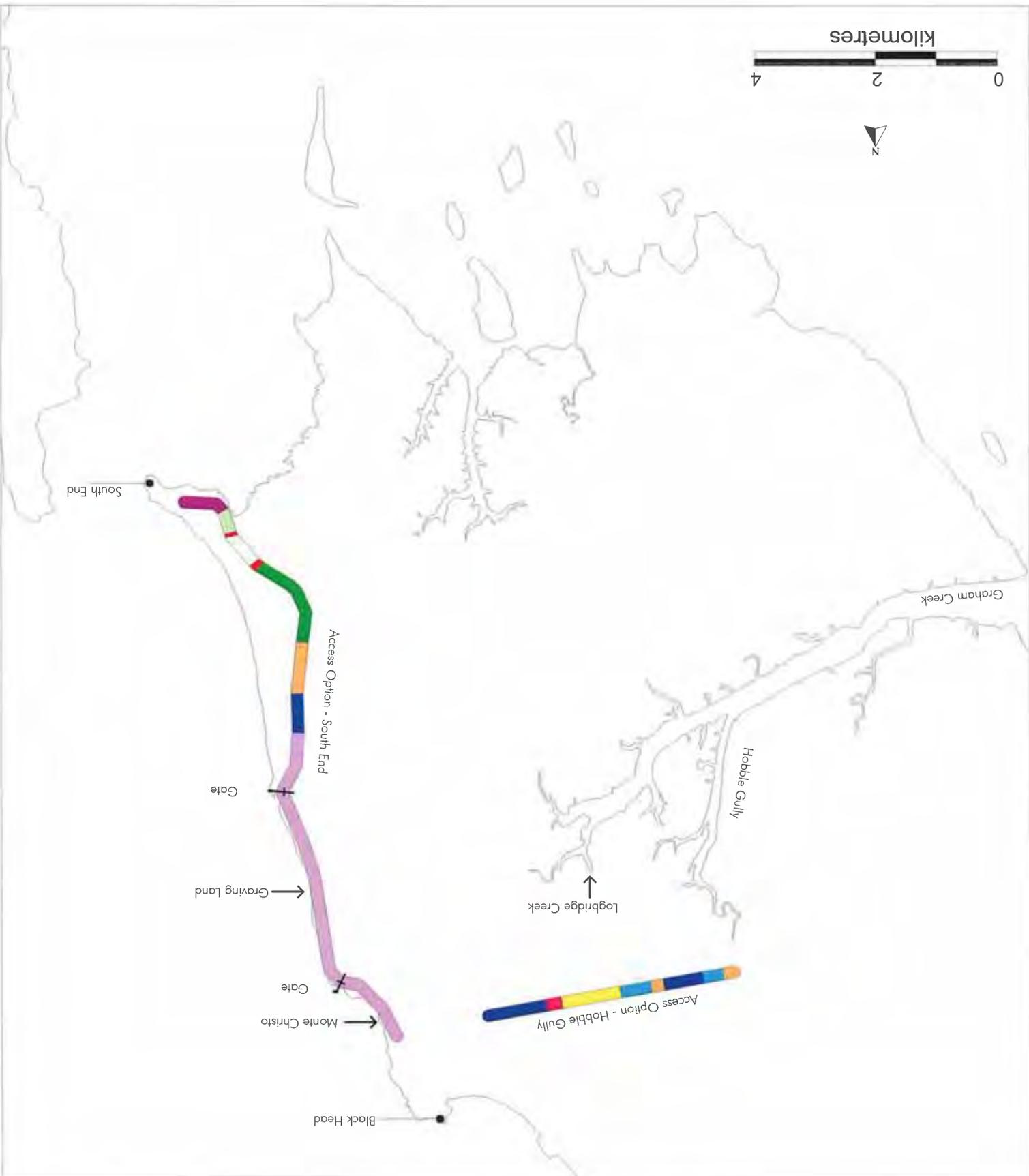
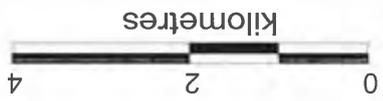
(Derived from 1997 1:25,000 Aerial Photography, previous mapping by Hollingsworth Dames & Moore (1999) and extensive ground truthing, January 2002)

Black Head  
 Flora & Fauna Assessment  
**GPS Point Locations**  
 Black Head  
**MAP 3**



File:GPS\_Points\_Locations\_WOR  
 01856\_Dmr.rAS

- Regional Ecosystems
- 12.1/2/12.13
  - 12.11.14
  - 12.11.20
  - 12.11.20/12.11.21
  - 12.11.20/12.11.6/12.13.3
  - 12.11.8
  - 12.12.19
  - 12.2.11
  - 12.3
  - 12.3/11.11.15
  - 12.3.6



**MAP 4**  
**Regional Ecosystem Transects**  
**For Access Route Options**

Black Head  
 Flora & Fauna Assessment

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 Date: 15/2/2002  
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APPENDIX

D

*Flora species list*

Botanical Name	Family Name	Common Name	Recorded in current study
<i>Acacia amblygona</i>	MIMOSACEAE		y
<i>Acacia conferta</i>	MIMOSACEAE	Crowded Wattle	y
<i>Acacia disparrima</i>	MIMOSACEAE	Hickory Wattle	y
<i>Acacia juncifolia</i>	MIMOSACEAE		y
<i>Acacia leiocalyx</i>	MIMOSACEAE		y
<i>Acronychia laevis</i>	RUTACEAE		y
<i>Aegialitis annulata</i>	PLUMBAGINACEAE	Club Mangrove	
<i>Aegiceras corniculatum</i>	MYRSINACEAE	River Mangrove	y
<i>Aida racemosa</i>	RUBIACEAE		
<i>Alectryon connatus</i>	SAPINDACEAE		
<i>Alectryon tomentosa</i>	SAPINDACEAE	Hairy Bird's Eye	
<i>Allocasuarina littoralis</i>	CASUARINACEAE		y
<i>Allocasuarina luehmannii</i>	CASUARINACEAE		y
<i>Alloteropsis semialata</i>	POACEAE	Cockatoo Grass	
<i>Alphitonia excelsa</i>	RHAMNACEAE	Red Ash	y
<i>Alyxia ruscifolia</i>	APOCYNACEAE	Chain Fruit	y
<i>Alyxia spicata</i>	APOCYNACEAE		
<i>Aristida queenslandica</i>	POACEAE	Wire Grass	y
<i>Avicennia eucalyptifolia</i>	AVICENNIACEAE	Smooth barked Grey Mangrove	
<i>Avicennia marina</i>	AVICENNIACEAE	Grey mangrove	y
<i>Banksia integrifolia</i>	PROTEACEAE	Coastal Banksia	y
<i>Blechnum patersonii</i>	BLECHANCEAE	Strap Fern	
<i>Breynia oblongifolia</i>	EUPHORBIACEAE	Coffee Bush	y
<i>Brunoniella australis</i>	ACANTHACEAE		y
<i>Canthium coprosmoides</i>	RUBIACEAE		y
<i>Canthium odoratum</i>	RUBIACEAE		y
<i>Carissa ovata</i>	APOCYNACEAE	Currant Bush	y
<i>Cassia mimosoides</i>	CAESALPINIACEAE	Five-leaf Cassia	y
<i>Casuarina equisetifolia</i>	CASUARINACEAE		y
<i>Casuarina glauca</i>	CASUARINACEAE		
<i>Casuarina torulosa</i>	CASUARINACEAE		y
<i>Ceriops tagal</i>	RHIZOPHORACEAE		
<i>Chrysocephalum apiculatum</i> (syn. <i>Helichrysum ramosissimum</i> )	ASTERACEAE		
<i>Chrysopogon fallax</i>	POACEAE	Golden Beard grass	y
<i>Coelospermum reticulatum</i>	RUBIACEAE	Corkwood	
<i>Corymbia intermedia</i>	MYRTACEAE	Pink Bloodwood	y
<i>Corymbia citriodora</i>	MYRTACEAE	Spotted Gum	y
<i>Corymbia gummifera</i>	MYRTACEAE	Red Bloodwood	
<i>Corymbia tessellaris</i>	MYRTACEAE	Moreton Bay Ash	y
<i>Crinum pedunculatum</i>	AMARYLLIDACEAE	Swamp Lily	y
<i>Cupaniopsis anacardioides</i>	SAPINDACEAE	Tuckeroo	y
<i>Cymbidium canaliculatum</i>	ORCHIDACEAE		y
<i>Cymbopogon bombycinus</i>	POACEAE	Silky Oilgrass	y
<i>Cymbopogon refractus</i>	POACEAE	Barbed Wire Grass	y
<i>Dianella revoluta</i>	PHORMIACEAE		y
<i>Diospyros fasciculosa</i>	EBENACEAE		y
<i>Diospyros geminata</i>	EBENACEAE		y
<i>Diospyros sp.</i>	EBENACEAE		
<i>Dodonaea viscosa</i>	SAPINDACEAE		y
<i>Drosera peltata</i>	DROSERACEAE	Tall Sundew	y

<i>Drynaria rigidula</i>	POLYPODIACEAE	Rock Fern	y
<i>Drypetes australasia</i>	EUPHORBIACEAE	Yellow Tulipwood	
<i>Elattostchys xylocarpa</i>	SAPINDACEAE	White Tamarind	
<i>Eremochloa bimaculata</i>	POACEAE	Poverty Grass	
<i>Eucalyptus exserta</i>	MYRTACEAE	Queensland Peppermint	y
<i>Eucalyptus moluccana</i>	MYRTACEAE	Gum-topped Box	y
<i>Eucalyptus tereticornis</i>	MYRTACEAE	Forest Red Gum	y
<i>Eustrephus latifolius</i>	PHILESIACEAE	Wombat Berry	y
<i>Excoecaria agallocha</i>	EUPHORBIACEAE	Milky Mangrove	y
<i>Exocarpus latifolius</i>	SANTALACEAE	Scrub Cherry	y
<i>Ficus obliqua</i>	MORACEAE		y
<i>Ficus virens</i>	MORACEAE		
<i>Fimbristylis dichotoma</i>	CYPERACEAE		y
<i>Geodorum denisflorum</i>	ORCHIDACEAE		
<i>Halosarcia indica</i>	CHENOPODIACEAE	Samphire	y
<i>Hardenbergia violacea</i>	FABACEAE	False Sarsparilla	y
<i>Helichrysum albicans</i>	ASTERACEAE	White everlasting	y
<i>Helichrysum bracteatum</i>	ASTERACEAE		y
<i>Hibbertia stricta</i>	DILLENIAEAE		y
<i>Hoya australis</i>	ASCLEPIADACEAE	Hoya	
<i>Imperata cylindrica</i>	POACEAE	Bladey Grass	y
<i>Iphigenia indica</i>	LILIACEAE		y
<i>Jacksonia scoparia</i>	FABACEAE	Dogwood	y
<i>Jagera pseudorhus</i>	SAPINDACEAE	Foam Bark	y
<i>Jasminum simplicifolium</i>	OLEACEAE	Native jasmine	y
<i>Jasminum volubile</i>	OLEACEAE	Native jasmine	y
<i>Keraudrenia lanceolata</i>	STERCULIACEAE		y
<i>Lantana camara</i> *	VERBENACEAE	Lantana	y
<i>Laxmania gracilis</i>	LILIACEAE	Slender Wire Grass	y
<i>Limonium australe</i>	PLUMBAGINACEAE	Native Sea Lavender	
<i>Livistina decipiens</i>	AREACEAE	Cabbage Palm	y
<i>Lomandra longifolia</i>	XANTHORRHOEACEAE	Mat rush	y
<i>Lophostemon suaveolens</i>	MYRTACEAE	Swamp Box	y
<i>Lumnitzera racemosa</i>	COMBRETACEAE	White-flowered Black Mangrove	y
<i>Mallotus discolor</i>	EUPHORBIACEAE	White Kamala	y
<i>Mallotus philippensis</i>	EUPHORBIACEAE	Red Kamala	y
<i>Maytenus disperma</i>	CELASTRACEAE	Orange Bush	
<i>Melaleuca nervosa</i>	MYRTACEAE		y
<i>Melaleuca quinquenervia</i>	MYRTACEAE		y
<i>Mishocarpus pyriformis</i>	SAPINDACEAE	Yellow Pear Fruit	
<i>Murdania graminea</i>	COMMELINACEAE	Grass Lily	y
<i>Myrtella obtusa</i>	MYRTACEAE		y
<i>Neolitsia dealbata</i>	LAURACEAE	Bolly Gum	y
<i>Opuntia inermis</i> *	CACTACEAE	Prickly Pear	y
<i>Osbornea octodonata</i>	MYRTACEAE	Myrtle Mangrove	
<i>Pandanus tectorius</i>	PANDANACEAE	Pandanus	y
<i>Pandorea pandorana</i>	BIGNONIACEAE	Wonga vine	y
<i>Passiflora suberosa</i> *	PASSIFLORACEAE	Corky Passionfruit	y
<i>Peperomia leptostachya</i>	PEPEROMIACEAE		
<i>Petalostigma pubescens</i>	EUPHORBIACEAE	Quinine Bush	y
<i>Philydrum lanuginosum</i>	PHILYDRACEAE	Frog Mouth	
<i>Pittosporum revolutum</i>	PITTOSPORACEAE		y
<i>Planchonia careya</i>	LECYTHIDACEAE	Cockee Apple	y
<i>Poa labillardiera</i>	POACEAE	Tussock Grass	
<i>Polyalthia nitidissima</i>	ANNONACEAE		

<i>Pouteria cotinifolia</i> var. <i>pubescens</i>	SAPOTACEAE		y
<i>Psychotria daphnoides</i>	RUBIACEAE		
<i>Rhizophora stylosa</i>	RHIZOPHORACEAE	Long-fruited Spurred Mangrove	
<i>Ruellia australis</i>	ACANTHACEAE	Brunoniella	y
<i>Salicornia quinqueflora</i>	CHENOPODIACEAE	Samphire	
<i>Sarcostemma australe</i>	ASCLEPIADACEAE	Caustic Vine	y
<i>Schefflera actinophylla</i>	ARALIACEAE	Umbrella Tree	y
<i>Sesuvium portulacastrum</i>	AIZOCEAE	Sea Purslane	y
<i>Sida subspicata</i>	MALVACEAE		y
<i>Smilax australis</i>	SMILACEAE	Sarsparilla Vine	y
<i>Sophora tomentosa</i>	FABACEAE		
<i>Stachytarpheta urticifolia</i> *	VERBENACEAE	Snake Weed	y
<i>Sporobolus virginicus</i>	POACEAE	Marine Couch	y
<i>Stylidium eglanulosum</i>	STYLIDIACEAE	A Trigger Flower	y
<i>Sueda arbusculoides</i>	CHENOPODIACEAE	a Seablite	
<i>Suaeda australis</i>	CHENOPODIACEAE	a Seablite	
<i>Themeda triandra</i>	POACEAE	Kangaroo Grass	y
<i>Tricoryne elatior</i>	LILIACEAE		y
<i>Xanthorrhoea latifolia</i>	XANTHORRHOEACEAE	Forest Grass Tree	y
<i>Xanthorrhoea pumilio</i>	XANTHORRHOEACEAE		y
<i>Xyris complanata</i>	XYRIDACEAE		y

\* - Exotic

APPENDIX

E

*Herbarium Records for  
Southeast Curtis Island*

Botanical Name	Family Name	Status	Total
<i>Abildgaardia ovata</i> (Burm.f.) Kral	Cyperaceae		1
<i>Abildgaardia vaginata</i> R.Br.	Cyperaceae		1
<i>Abutilon asiaticum</i> var. <i>australiense</i> (Hochr. ex Britten) Fosberg	Malvaceae		1
<i>Acacia amblygona</i> A.Cunn. ex Benth.	Mimosaceae		1
<i>Acacia conferta</i> A.Cunn. ex Benth.	Mimosaceae		2
<i>Acacia cretata</i> Pedley	Mimosaceae		1
<i>Acacia disparrima</i> M.W.McDonald & Maslin subsp. <i>disparrima</i>	Mimosaceae		1
<i>Acacia falcata</i> Willd.	Mimosaceae		1
<i>Acacia leiocalyx</i> (Domin) Pedley subsp. <i>leiocalyx</i>	Mimosaceae		1
<i>Acacia leptocarpa</i> A.Cunn. ex Benth.	Mimosaceae		3
<i>Acacia podalyriifolia</i> A.Cunn. ex G.Don	Mimosaceae		1
<i>Acacia salicina</i> Lindl.	Mimosaceae		1
<i>Acacia sparsiflora</i> Maiden	Mimosaceae		1
<i>Achyranthes aspera</i> L.	Amaranthaceae		2
<i>Acronychia imperforata</i> F.Muell.	Rutaceae		1
<i>Actephila sessilifolia</i> Benth.	Euphorbiaceae	R	1
<i>Aegialitis annulata</i> R.Br.	Plumbaginaceae		1
<i>Alectryon connatus</i> (F.Muell.) Radlk.	Sapindaceae		1
<i>Allocasuarina luehmannii</i> (R.T.Baker) L.A.S.Johnson	Casuarinaceae		1
<i>Alloteropsis semialata</i> (R.Br.) Hitchc.	Poaceae		3
<i>Alyxia stellata</i> (J.R.Forst. & G.Forst.) Roem. & Schult.	Apocynaceae		1
<i>Aristida calycina</i> R.Br. var. <i>calycina</i>	Poaceae		3
<i>Aristida contorta</i> F.Muell.	Poaceae		1
<i>Aristida queenslandica</i> var. <i>dissimilis</i> (S.T.Blake) B.K.Simon	Poaceae		1
<i>Aristolochia elegans</i> Mast.	Aristolochiaceae	*	2
<i>Avicennia marina</i> subsp. <i>australasica</i> (Walp.) J.Everett	Avicenniaceae		1
<i>Bothriochloa bladhii</i> (Retz.) S.T.Blake subsp. <i>bladhii</i>	Poaceae		4
<i>Bothriochloa decipiens</i> (Hack.) C.E.Hubb. var. <i>decipiens</i>	Poaceae		1
<i>Breynia oblongifolia</i> (Muell.Arg.) Muell.Arg.	Euphorbiaceae		1
<i>Brunonia australis</i> Sm. ex R.Br.	Goodeniaceae		1
<i>Brunoniella acaulis</i> subsp. <i>ciliata</i> R.M.Barker	Acanthaceae		1
<i>Callistemon viminalis</i> (Sol. ex Gaertn.) G.Don ex Loudon	Myrtaceae		1
<i>Capillipedium parviflorum</i> (R.Br.) Stapf	Poaceae		1
<i>Carex pumila</i> Thunb.	Cyperaceae		1
<i>Casuarina equisetifolia</i> subsp. <i>incana</i> (Benth.) L.A.S.Johnson	Casuarinaceae		2
<i>Cenchrus echinatus</i> L.	Poaceae	*	2
<i>Centipeda minima</i> (L.) A.Braun & Asch. var. <i>minima</i>	Asteraceae		1
<i>Ceriops tagal</i> (Perr.) C.B.Rob.	Rhizophoraceae		1
<i>Chamaesyce mitchelliana</i> (Boiss.) D.C.Hassall var. <i>mitchelliana</i>	Euphorbiaceae		2
<i>Cheilanthes distans</i> (R.Br.) Mett.	Adiantaceae		1
<i>Cheilanthes nudiuscula</i> (R.Br.) T.Moore	Adiantaceae		1
<i>Chloris divaricata</i> R.Br.	Poaceae		2
<i>Chloris inflata</i> Link	Poaceae	*	1
<i>Chorizema parviflorum</i> Benth.	Fabaceae		1
<i>Chrysopogon fallax</i> S.T.Blake	Poaceae		1
<i>Crotalaria brevis</i> Domin	Fabaceae		1
<i>Crotalaria montana</i> Roth	Fabaceae		1
<i>Cuscuta</i>	Convolvulaceae		1
<i>Cyclophyllum coprosmoides</i> (F.Muell.) S.T.Reynolds & R.J.F.Hend.	Rubiaceae		1
<i>Cyclosorus interruptus</i> (Willd.) H.Ito	Thelypteridaceae		1
<i>Cymbopogon bombycinus</i> (R.Br.) Domin	Poaceae		1
<i>Cymbopogon refractus</i> (R.Br.) A.Camus	Poaceae		1
<i>Cyperus alopecuroides</i> Rottb.	Cyperaceae		4
<i>Cyperus conicus</i> (R.Br.) Boeck. var. <i>conicus</i>	Cyperaceae		1
<i>Cyperus dietrichiae</i> var. <i>brevibracteatus</i> (Domin) Kuek.	Cyperaceae		1
<i>Cyperus fulvus</i> R.Br.	Cyperaceae		2
<i>Cyperus gracilis</i> R.Br.	Cyperaceae		1

<i>Cyperus gunnii</i> subsp. <i>novae-hollandiae</i> (Boeck.) K.L.Wilson	Cyperaceae		1
<i>Cyperus haspan</i> L.	Cyperaceae		1
<i>Cyperus javanicus</i> Houtt.	Cyperaceae		1
<i>Cyperus leiocaulon</i> Benth.	Cyperaceae		2
<i>Cyperus pedunculatus</i> (R.Br.) J.Kern	Cyperaceae		1
<i>Cyperus perangustus</i> S.T.Blake	Cyperaceae		1
<i>Cyperus polystachyos</i> Rottb. var. <i>polystachyos</i>	Cyperaceae		1
<i>Cyperus polystachyos</i> Rottb.	Cyperaceae		1
<i>Cyperus sphaeroideus</i> L.A.S.Johnson & O.D.Evans	Cyperaceae		1
<i>Cyperus squarrosus</i> L.	Cyperaceae		1
<i>Cyperus tetracarpus</i> Boeck.	Cyperaceae		1
<i>Cyperus trinervis</i> R.Br.	Cyperaceae		1
<i>Dactyloctenium aegyptium</i> (L.) Willd.	Poaceae	*	1
<i>Dianella brevipedunculata</i> R.J.F.Hend.	Phormiaceae		1
<i>Dianella longifolia</i> R.Br.	Phormiaceae		1
<i>Dianella rara</i> R.Br.	Phormiaceae		1
<i>Dianella revoluta</i> R.Br.	Phormiaceae		1
<i>Dichanthium sericeum</i> (R.Br.) A.Camus subsp. <i>sericeum</i>	Poaceae		3
<i>Dicranopteris linearis</i> (Burm.f.) Underw.	Gleicheniaceae		1
<i>Digitaria ammophila</i> (F.Muell.) Hughes	Poaceae		1
<i>Digitaria breviglumis</i> (Domin) Henrard	Poaceae		1
<i>Digitaria ciliaris</i> (Retz.) Koeler	Poaceae	*	2
<i>Digitaria didactyla</i> Willd.	Poaceae	*	1
<i>Digitaria divaricatissima</i> (R.Br.) Hughes	Poaceae		1
<i>Digitaria leucostachya</i> (Domin) Henrard	Poaceae		1
<i>Digitaria longiflora</i> (Retz.) Pers.	Poaceae		2
<i>Diospyros fasciculosa</i> (F.Muell.) F.Muell.	Ebenaceae		1
<i>Diospyros geminata</i> (R.Br.) F.Muell.	Ebenaceae		1
<i>Diplatia furcata</i> Barlow	Loranthaceae		1
<i>Dipodium variegatum</i> M.A.Clem. & D.L.Jones	Orchidaceae		1
<i>Dodonaea lanceolata</i> var. <i>subsessilifolia</i> J.G.West	Sapindaceae		5
<i>Dodonaea viscosa</i> Jacq.	Sapindaceae		1
<i>Dodonaea viscosa</i> subsp. <i>burmanniana</i> (DC.) J.G.West	Sapindaceae		1
<i>Drosera indica</i> L.	Droseraceae		1
<i>Dysphania littoralis</i> R.Br.	Chenopodiaceae		2
<i>Echinochloa crus-galli</i> (L.) P.Beauv.	Poaceae	*	1
<i>Echinochloa dietrichiana</i> P.W.Michael	Poaceae		1
<i>Elatine gratioloides</i> A.Cunn.	Elatinaceae		2
<i>Eleocharis dulcis</i> (Burm.f.) Trin. ex Hensch.	Cyperaceae		2
<i>Eleocharis geniculata</i> (L.) Roem. & Schult.	Cyperaceae		2
<i>Eleocharis minuta</i> Boeck.	Cyperaceae	*	1
<i>Eleusine indica</i> (L.) Gaertn.	Poaceae	*	1
<i>Enchylaena tomentosa</i> R.Br.	Chenopodiaceae		2
<i>Enneapogon nigricans</i> (R.Br.) P.Beauv.	Poaceae		1
<i>Enneapogon robustissimus</i> (Domin) N.T.Burb.	Poaceae		1
<i>Epaltes australis</i> Less.	Asteraceae		2
<i>Eragrostis brownii</i> (Kunth) Nees ex Steud.	Poaceae		1
<i>Eragrostis elongata</i> (Willd.) J.Jacq.	Poaceae		2
<i>Eragrostis interrupta</i> P.Beauv.	Poaceae		1
<i>Eragrostis leptocarpa</i> Benth.	Poaceae		1
<i>Eragrostis leptostachya</i> (R.Br.) Steud.	Poaceae		1
<i>Eragrostis minor</i> Host	Poaceae	*	1
<i>Eragrostis pilosa</i> (L.) P.Beauv.	Poaceae	*	1
<i>Eragrostis sororia</i> Domin	Poaceae		2
<i>Eragrostis spartinoides</i> Steud.	Poaceae		2
<i>Eremochloa bimaculata</i> Hack.	Poaceae		2
<i>Eremophila debilis</i> (Andrews) Chinnock	Myoporaceae		1
<i>Eriachne rara</i> R.Br.	Poaceae		2
<i>Eriochloa procera</i> (Retz.) C.E.Hubb.	Poaceae		2
<i>Eucalyptus fibrosa</i> F.Muell. subsp. <i>fibrosa</i>	Myrtaceae		1

<i>Eucalyptus latisinensis</i> K.D.Hill	Myrtaceae		1
<i>Eulalia aurea</i> (Bory) Kunth	Poaceae		1
<i>Euphorbia tannensis</i> Spreng. subsp. <i>tannensis</i>	Euphorbiaceae		1
<i>Eustrephus latifolius</i> R.Br. ex Ker Gawl.	Philesiaceae		1
<i>Ficus opposita</i> Miq.	Moraceae		1
<i>Ficus rubiginosa</i> Desf. ex Vent.	Moraceae		1
<i>Ficus virens</i> Aiton var. <i>virens</i>	Moraceae		1
<i>Fimbristylis dichotoma</i> (L.) Vahl	Cyperaceae		8
<i>Fimbristylis ferruginea</i> (L.) Vahl	Cyperaceae		6
<i>Fimbristylis microcarya</i> F.Muell.	Cyperaceae		1
<i>Fimbristylis pauciflora</i> R.Br.	Cyperaceae		1
<i>Fimbristylis polytrichoides</i> (Retz.) R.Br.	Cyperaceae		3
<i>Fuirena ciliaris</i> (L.) Roxb.	Cyperaceae		2
<i>Fuirena umbellata</i> Rottb.	Cyperaceae		1
<i>Gahnia aspera</i> (R.Br.) Spreng.	Cyperaceae		1
<i>Galactia tenuiflora</i> var. <i>villosa</i> (Wight & Arn.) Benth.	Fabaceae		1
<i>Glycine tomentella</i> Hayata	Fabaceae		1
<i>Gomphrena celosioides</i> Mart.	Amaranthaceae	*	2
<i>Grewia retusifolia</i> Kurz	Tiliaceae		3
<i>Halosarcia indica</i> (Willd.) Paul G.Wilson	Chenopodiaceae		1
<i>Halosarcia pergranulata</i> subsp. <i>queenslandica</i> Paul G.Wilson	Chenopodiaceae		2
<i>Helichrysum boormanii</i> var. <i>tryonii</i> Domin	Asteraceae		4
<i>Helichrysum glutinosum</i> (Hook.) Benth.	Asteraceae		1
<i>Helichrysum lanuginosum</i> A.Cunn. ex DC.	Asteraceae		1
<i>Heliotropium pauciflorum</i> R.Br.	Boraginaceae		1
<i>Heteropogon contortus</i> (L.) P.Beauv. ex Roem. & Schult.	Poaceae		3
<i>Hibbertia linearis</i> R.Br. ex DC.	Dilleniaceae		1
<i>Hibbertia scandens</i> (Willd.) Gilg	Dilleniaceae		1
<i>Hibiscus tiliaceus</i> L.	Malvaceae		1
<i>Hybanthus enneaspermus</i> (L.) F.Muell.	Violaceae		1
<i>Imperata cylindrica</i> (L.) Raeusch.	Poaceae		1
<i>Indigofera hirsuta</i> L.	Fabaceae		1
<i>Indigofera linifolia</i> (L.f.) Retz.	Fabaceae		2
<i>Indigofera linnaei</i> Ali	Fabaceae		1
<i>Indigofera tryonii</i> Domin	Fabaceae		1
<i>Isotropis filicaulis</i> Benth.	Fabaceae		1
<i>Jacksonia scoparia</i> R.Br.	Fabaceae		2
<i>Jacquemontia paniculata</i> (Burm.f.) Hallier f.	Convolvulaceae		1
<i>Juncus polyanthemus</i> Buchenau	Juncaceae		2
<i>Keraudrenia lanceolata</i> Benth.	Sterculiaceae		1
<i>Lepidium bonariense</i> L.	Brassicaceae	*	1
<i>Leptochloa decipiens</i> (R.Br.) Stapf ex Maiden subsp. <i>decipiens</i>	Poaceae		1
<i>Leptochloa fusca</i> (L.) Kunth subsp. <i>fusca</i>	Poaceae		3
<i>Lepturus repens</i> (G.Forst.) R.Br.	Poaceae		1
<i>Limonium solanderi</i> Lincz.	Plumbaginaceae		1
<i>Lindernia tenuifolia</i> (Colsm.) Alston	Scrophulariaceae		1
<i>Lindsaea ensifolia</i> Sw. subsp. <i>ensifolia</i>	Lindsaeaceae		1
<i>Lomandra confertifolia</i> subsp. <i>pallida</i> A.T.Lee	Xanthorrhoeaceae		1
<i>Lomandra multiflora</i> (R.Br.) Britten subsp. <i>multiflora</i>	Xanthorrhoeaceae		1
<i>Lygodium microphyllum</i> (Cav.) R.Br.	Schizaeaceae		1
<i>Lysiana subfalcata</i> (Hook.) Barlow	Loranthaceae		1
<i>Marsilea crenata</i> C.Presl	Marsileaceae		1
<i>Melaleuca leucadendra</i> (L.) L.	Myrtaceae		1
<i>Melaleuca nervosa</i> (Lindl.) Cheel subsp. <i>nervosa</i>	Myrtaceae		1
<i>Melaleuca quinquenervia</i> (Cav.) S.T.Blake	Myrtaceae		3
<i>Melaleuca viridiflora</i> Sol. ex Gaertn.	Myrtaceae		1
<i>Melastoma malabathricum</i> L. subsp. <i>malabathricum</i>	Melastomataceae		1
<i>Melinis repens</i> (Willd.) Zizka	Poaceae	*	1

<i>Micromelum minutum</i> (G.Forst.) Wight & Arn.	Rutaceae		1
<i>Mirbelia aotoides</i> F.Muell.	Fabaceae		1
<i>Monochoria cyanea</i> (F.Muell.) F.Muell.	Pontederiaceae		1
<i>Mukia maderaspatana</i> (L.) M.Roem.	Cucurbitaceae		1
<i>Myoporum boninense</i> subsp. <i>australe</i> Chinnock	Myoporaceae		1
<i>Myriophyllum</i>	Haloragaceae		1
<i>Najas tenuifolia</i> R.Br.	Najadaceae		1
<i>Nephrolepis cordifolia</i> (L.) C.Presl	Nephrolepidaceae		1
<i>Nymphaea caerulea</i> subsp. <i>zanzibarensis</i> (Casp.) S.W.L.Jacobs	Nymphaeaceae	*	1
<i>Nymphaea violacea</i> Lehm.	Nymphaeaceae		1
<i>Oldenlandia galioides</i> (F.Muell.) F.Muell.	Rubiaceae		2
<i>Oldenlandia mitrasacmoides</i> subsp. <i>trachymenoides</i> (F.Muell.) Halford	Rubiaceae		2
<i>Pandanus tectorius</i> Parkinson	Pandanaceae		1
<i>Panicum decompositum</i> R.Br. var. <i>decompositum</i>	Poaceae		1
<i>Panicum effusum</i> R.Br. var. <i>effusum</i>	Poaceae		1
<i>Panicum paludosum</i> Roxb.	Poaceae		1
<i>Parsonsia eucalyptophylla</i> F.Muell.	Apocynaceae		1
<i>Parsonsia plaesiophylla</i> S.T.Blake	Apocynaceae		1
<i>Paspalidium distans</i> (Trin.) Hughes	Poaceae		4
<i>Paspalum distichum</i> L.	Poaceae		1
<i>Paspalum scrobiculatum</i> L.	Poaceae		2
<i>Passiflora suberosa</i> L.	Passifloraceae	*	1
<i>Peripleura hispidula</i> var. <i>setosa</i> (N.T.Burb.) G.L.Nesom	Asteraceae		1
<i>Petalostigma pubescens</i> Domin	Euphorbiaceae		1
<i>Phyla nodiflora</i> (L.) Greene var. <i>nodiflora</i>	Verbenaceae		2
<i>Pittosporum ferrugineum</i> subsp. <i>linifolium</i> (A.Cunn.) L.W.Cayzer, Crisp & I.Telford	Pittosporaceae		3
<i>Pluchea dioscoridis</i> DC.	Asteraceae		1
<i>Podolepis longipedata</i> A.Cunn. ex DC.	Asteraceae		1
<i>Pogonolobus reticulatus</i> F.Muell.	Rubiaceae		2
<i>Pterocaulon redolens</i> (Willd.) Fern.-Vill.	Asteraceae		1
<i>Pterocaulon serrulatum</i> (Montrouz.) Guillaumin var. <i>serrulatum</i>	Asteraceae		1
<i>Pycnospora lutescens</i> (Poir.) Schindl.	Fabaceae		1
<i>Rhizophora stylosa</i> Griff.	Rhizophoraceae		1
<i>Rhynchospora heterochaeta</i> S.T.Blake	Cyperaceae		1
<i>Ricinocarpos pinifolius</i> Desf.	Euphorbiaceae		2
<i>Ruppia maritima</i> L.	Ruppiaceae	*	1
<i>Salsola kali</i> L.	Chenopodiaceae		1
<i>Salvia coccinea</i> Juss. ex Murray	Lamiaceae	*	1
<i>Sarcocornia quinqueflora</i> (Bunge ex Ung.-Stemb.) A.J.Scott subsp. <i>quinqueflora</i>	Chenopodiaceae		1
<i>Sarcostemma viminale</i> subsp. <i>brunonianum</i> (Wight & Arn.) P.I.Forst.	Asclepiadaceae		1
<i>Scaevola taccada</i> (Gaertn.) Roxb.	Goodeniaceae		1
<i>Schizachyrium fragile</i> (R.Br.) A.Camus	Poaceae		3
<i>Schizachyrium pseudeulalia</i> (Hosok.) S.T.Blake	Poaceae		1
<i>Schoenoplectus erectus</i> (Poir.) Palla ex J.Raynal	Cyperaceae	*	1
<i>Schoenoplectus lateriflorus</i> (J.G.Gmel.) Lye	Cyperaceae		1
<i>Schoenoplectus validus</i> (Vahl) A.Love & D.Love	Cyperaceae		1
<i>Schoenus apogon</i> Roem. & Schult. var. <i>apogon</i>	Cyperaceae		1
<i>Schoenus falcatus</i> R.Br.	Cyperaceae		1
<i>Sesbania cannabina</i> (Retz.) Poir. var. <i>cannabina</i>	Fabaceae		1
<i>Sesuvium portulacastrum</i> (L.) L.	Aizoaceae		2
<i>Setaria oplismenoides</i> R.A.W.Herrm.	Poaceae		1
<i>Setaria surgens</i> Stapf	Poaceae		3
<i>Sophora tomentosa</i> subsp. <i>australis</i> Yakovlev	Fabaceae		2
<i>Spermacoce multicaulis</i> Benth.	Rubiaceae		1
<i>Spirodela punctata</i> (G.Mey.) C.H.Thomps.	Lemnaceae		1
<i>Sporobolus elongatus</i> R.Br.	Poaceae		2

<i>Sporobolus virginicus</i> (L.) Kunth	Poaceae		1
<i>Stylidium eglandulosum</i> F.Muell.	Stylidiaceae		1
<i>Suaeda australis</i> (R.Br.) Moq.	Chenopodiaceae		2
<i>Swainsona phacoides</i> Benth.	Fabaceae		3
<i>Tephrosia dietrichiae</i> Domin	Fabaceae		1
<i>Tephrosia filipes</i> Benth.	Fabaceae		1
<i>Thémeda triandra</i> Forssk.	Poaceae		1
<i>Thespesia populnea</i> (L.) Sol. ex Correa	Malvaceae		2
<i>Timonius timon</i> (Spreng.) Merr. var. <i>timon</i>	Rubiaceae		1
<i>Trachystylis stradbrokensis</i> (Domin) Kuek.	Cyperaceae		1
<i>Triraphis mollis</i> R.Br.	Poaceae		1
<i>Triumfetta rhomboidea</i> Jacq.	Tiliaceae	*	1
<i>Typha domingensis</i> Pers.	Typhaceae		1
<i>Vitex trifolia</i> L. var. <i>trifolia</i>	Lamiaceae		2
<i>Vitex trifolia</i> var. <i>subtrisecta</i> (Kuntze) Moldenke	Lamiaceae		1
<i>Wahlenbergia gracilis</i> (G.Forst.) A.DC.	Campanulaceae		1
<i>Wikstroemia indica</i> (L.) C.A.Mey.	Thymelaeaceae		1
<i>Xanthorrhoea fulva</i> (A.T.Lee) D.J.Bedford	Xanthorrhoeaceae		1
<i>Xanthorrhoea latifolia</i> (A.T.Lee) D.J.Bedford subsp. <i>latifolia</i>	Xanthorrhoeaceae		1
<i>Xanthorrhoea pumilio</i> R.Br.	Xanthorrhoeaceae		3
<i>Xylocarpus moluccensis</i> (Lam.) M.Roem.	Meliaceae		1
<i>Zornia dyctiocarpa</i> var. <i>filifolia</i> (Domin) S.T.Reynolds & A.E.Holland	Fabaceae		1
<i>Zornia muriculata</i> subsp. <i>angustata</i> S.T.Reynolds & A.E.Holland	Fabaceae		2

\* - Exotic

R - Rare

APPENDIX

F

*Fauna species list*

GROUP	FAMILY	SPECIES	COMMON NAME	ENDEMICITY	STATUS NCA	STATUS EPBC	SOURCE	BLACK HEAD
amphibians	BUFONIDAE	<i>Bufo marinus</i>	cane toad				Wildnet/HDM/CEPLA	y
amphibians	HYLIDAE	<i>Cyclorana alboguttata</i>					Museum	
amphibians	HYLIDAE	<i>Litoria caerulea</i>	green treefrog				Wildnet/HDM/CEPLA	y
amphibians	HYLIDAE	<i>Litoria fallax</i>	eastern sedgefrog				Museum	
amphibians	HYLIDAE	<i>Litoria inermis</i>					Museum	
amphibians	HYLIDAE	<i>Litoria latopalmata</i>	broad-palmed rocketfrog				Museum	
amphibians	HYLIDAE	<i>Litoria nasuta</i>	striped rocketfrog				Museum	
amphibians	HYLIDAE	<i>Litoria rothii</i>					Museum	
amphibians	HYLIDAE	<i>Litoria rubella</i>	naked treefrog				Museum	
amphibians	MYOBATRACHIDAE	<i>Crinia deserticola</i>					Museum	
amphibians	MYOBATRACHIDAE	<i>Limnodynastes ornatus</i>					Museum	
amphibians	MYOBATRACHIDAE	<i>Limnodynastes tasmaniensis</i>					Museum	
amphibians	MYOBATRACHIDAE	<i>Limnodynastes terraereginae</i>	scarlet-sided pobblebonk				Wildnet	
amphibians	MYOBATRACHIDAE	<i>Pseudophryne major</i>					Museum	
birds	ACCIPITRIDAE	<i>Accipiter fasciatus</i>	brown goshawk			M	Wildnet	
birds	ACCIPITRIDAE	<i>Aquila audax</i>	wedge-tailed eagle			M	Wildnet	
birds	ACCIPITRIDAE	<i>Circus approximans</i>	swamp harrier			M	Wildnet	
birds	ACCIPITRIDAE	<i>Elanus axillaris</i>	black-shouldered kite			M	Wildnet	
birds	ACCIPITRIDAE	<i>Haliaeetus leucogaster</i>	white-bellied sea-eagle			M	Wildnet	
birds	ACCIPITRIDAE	<i>Haliastur indus</i>	brahminy kite			M	Wildnet/HDM	
birds	ACCIPITRIDAE	<i>Haliastur sphenurus</i>	whistling kite			M	Wildnet	
birds	AEGOTHELIDAE	<i>Aegothales cristatus</i>	Australian owl-nightjar				Wildnet	
birds	ALAUDIDAE	<i>Mirafra javanica</i>	singing bushlark				Wildnet	
birds	ALCEDINIDAE	<i>Halcyon macleayi</i>	Forest Kingfisher				HDM/CEPLA	y
birds	ANATIDAE	<i>Anas castanea</i>	chestnut teal			M	Wildnet	
birds	ANATIDAE	<i>Anas gracilis</i>	grey teal			M	Wildnet	
birds	ANATIDAE	<i>Anas superciliosa</i>	Pacific black duck			M	Wildnet/HDM/CEPLA	
birds	ANATIDAE	<i>Anseranas semipalmata</i>	Maggie Goose				HDM	
birds	ANATIDAE	<i>Chenonetta jubata</i>	Australian wood duck			M	Wildnet/HDM	
birds	ANATIDAE	<i>Cygnus atratus</i>	black swan			M	Wildnet/HDM	
birds	ANATIDAE	<i>Tadorna radjah</i>	radjah shelduck		R	M	Wildnet/HDM	
birds	ARDEIDAE	<i>Ardea alba</i>	great egret			M	Wildnet	

birds	ARDEIDAE	<i>Ardea ibis</i>	cattle egret				M	Wildnet
birds	ARDEIDAE	<i>Ardea pacifica</i>	white-necked heron					Wildnet
birds	ARDEIDAE	<i>Egretta garzetta</i>	little egret					Wildnet
birds	ARDEIDAE	<i>Egretta novaehollandiae</i>	white-faced heron					Wildnet
birds	ARDEIDAE	<i>Egretta sacra</i>	eastern reef egret				M	Wildnet
birds	ARTAMIDAE	<i>Artamus leucorhynchus</i>	white-breasted woodswallow					Wildnet
birds	ARTAMIDAE	<i>Cracticus nigrogularis</i>	pied butcherbird					Wildnet/CEPLA
birds	ARTAMIDAE	<i>Gymnorhina tibicen</i>	Australian magpie					Wildnet/HDM
birds	BURHINIDAE	<i>Burhinus grallarius</i>	bush stone-curlew					Wildnet
birds	BURHINIDAE	<i>Esacus neglectus</i>	beach stone-curlew		V			Wildnet
birds	CACATUIDAE	<i>Cacatua galerita</i>	sulphur-crested cockatoo					Wildnet/HDM
birds	CACATUIDAE	<i>Calyptorhynchus banksii</i>	red-tailed black-cockatoo				M	Wildnet/HDM/CEPLA
birds	CAMPEPHAGIDAE	<i>Coracina novaehollandiae</i>	black-faced black-cockatoo					Wildnet
birds	CAMPEPHAGIDAE	<i>Coracina papuensis</i>	white-bellied cuckoo-shrike					Wildnet/HDM
birds	CAMPEPHAGIDAE	<i>Lalage leucomela</i>	varied triller				M	Wildnet/HDM
birds	CASUARIIDAE	<i>Dromaius novaehollandiae</i>	emu					Wildnet/HDM
birds	CENTROPODIDAE	<i>Centropus phasianinus</i>	pheasant coucal					Wildnet/HDM/CEPLA
birds	CHARADRIIDAE	<i>Charadrius ruficapillus</i>	red-capped plover				M	Wildnet
birds	CHARADRIIDAE	<i>Vanellus miles</i>	masked lapwing			R	M	Wildnet
birds	CICONIIDAE	<i>Ephippiorhynchus asiaticus</i>	black-necked stork					Wildnet
birds	COLUMBIDAE	<i>Chalcophaps indica</i>	emerald dove					Wildnet
birds	COLUMBIDAE	<i>Geopelia humeralis</i>	bar-shouldered dove					Wildnet/HDM
birds	COLUMBIDAE	<i>Geopelia striata</i>	peaceful dove					Wildnet
birds	COLUMBIDAE	<i>Leucosarcia melanoleuca</i>	wonga pigeon					Wildnet
birds	COLUMBIDAE	<i>Macropygia amboinensis</i>	brown cuckoo-dove					Wildnet
birds	COLUMBIDAE	<i>Phaps chalcoptera</i>	common bronzewing					Wildnet/CEPLA
birds	CORACIDAE	<i>Eurystomus orientalis</i>	dollar bird					CEPLA
birds	CORCORACIDAE	<i>Corcorax melanorhamphos</i>	white-winged chough					Wildnet
birds	CORYDAE	<i>Corvus orru</i>	Torresian crow					Wildnet/HDM/CEPLA
birds	DICAEIDAE	<i>Dicaeum hirundinaceum</i>	mistletoebird					Wildnet
birds	DICRURIDAE	<i>Dicrurus bracteatus</i>	spangled drongo					Wildnet
birds	DICRURIDAE	<i>Grallina cyanoleuca</i>	magpie-lark					Wildnet
birds	DICRURIDAE	<i>Monarcha leucotis</i>	white-eared monarch					Wildnet
birds	DICRURIDAE	<i>Monarcha melanopsis</i>	black-faced monarch					Wildnet
birds	DICRURIDAE	<i>Monarcha trivirgatus</i>	spectacled monarch					Wildnet
birds	DICRURIDAE	<i>Myiagra rubecula</i>	leaden flycatcher					Wildnet

birds	DICRURIDAE	<i>Rhipidura fuliginosa</i>	grey fantail				Wildnet/HDM
birds	DICRURIDAE	<i>Rhipidura leucophrys</i>	willie wagtail				Wildnet/HDM
birds	DICRURIDAE	<i>Rhipidura rufifrons</i>	rufous fantail				Wildnet/HDM
birds	FALCONIDAE	<i>Falco berigora</i>	brown falcon			M	Wildnet
birds	FALCONIDAE	<i>Falco cenchroides</i>	nankeen kestrel			M	Wildnet
birds	FALCONIDAE	<i>Falco longipennis</i>	Australian hobby			M	Wildnet
birds	GRUIDAE	<i>Grus rubicunda</i>	brlga			M	Wildnet/CEPLA
birds	HAEMATOPODIDAE	<i>Haematopus fuliginosus</i>	sooty oystercatcher			R	Wildnet
birds	HAEMATOPODIDAE	<i>Haematopus longirostris</i>	pied oystercatcher				Wildnet
birds	HALCYONIDAE	<i>Dacelo leachii</i>	blue-winged kookaburra				Wildnet
birds	HALCYONIDAE	<i>Dacelo novaeguineae</i>	laughing kookaburra				Wildnet/HDM/CEPLA
birds	HALCYONIDAE	<i>Todiramphus macleayii</i>	forest kingfisher				Wildnet
birds	HALCYONIDAE	<i>Todiramphus sanctus</i>	sacred kingfisher				Wildnet
birds	HIRUNDINIDAE	<i>Hirundo neoxena</i>	welcome swallow				Wildnet
birds	LARIDAE	<i>Larus novaehollandiae</i>	silver gull				Wildnet
birds	LARIDAE	<i>Sterna albifrons</i>	little tern			E	Wildnet
birds	LARIDAE	<i>Sterna caspia</i>	Caspian tern				Wildnet
birds	LARIDAE	<i>Sterna nilotica</i>	gull-billed tern				Wildnet
birds	MALURIDAE	<i>Malurus melanocephalus</i>	red-backed fairy-wren				Wildnet
birds	MEGAPODIIDAE	<i>Alectura lathami</i>	Australian brush-turkey				Wildnet/HDM/CEPLA
birds	MELIPHAGIDAE	<i>Entomyzon cyanotis</i>	blue-faced honeyeater				Wildnet
birds	MELIPHAGIDAE	<i>Ephianura crocea</i>	yellow chat			V	Wildnet
birds	MELIPHAGIDAE	<i>Lichenostomus fasciularis</i>	mangrove honeyeater				Wildnet
birds	MELIPHAGIDAE	<i>Lichmera indistincta</i>	brown honeyeater				Wildnet/HDM
birds	MELIPHAGIDAE	<i>Manorina melanocephala</i>	noisy miner				Wildnet/HDM
birds	MELIPHAGIDAE	<i>Meliphaga lewinii</i>	Lewin's honeyeater				Wildnet/HDM
birds	MELIPHAGIDAE	<i>Melithreptus albobularis</i>	white-throated honeyeater				Wildnet/HDM
birds	MELIPHAGIDAE	<i>Melithreptus gularis</i>	black-chinned honeyeater			R	Wildnet/HDM
birds	MELIPHAGIDAE	<i>Myzomela obscura</i>	dusky honeyeater				Wildnet/HDM
birds	MELIPHAGIDAE	<i>Myzomela sanguinolenta</i>	scarlet honeyeater				Wildnet
birds	MELIPHAGIDAE	<i>Philemon citreogularis</i>	little friarbird				Wildnet
birds	MELIPHAGIDAE	<i>Philemon corniculatus</i>	noisy friarbird				Wildnet/HDM
birds	MEROPIDAE	<i>Merops ornatus</i>	rainbow bee-eater				Wildnet
birds	MOTACILLIDAE	<i>Anthus novaeseelandiae</i>	Richard's pipit				Wildnet
birds	NECTARINIIDAE	<i>Nectarinia jugularis</i>	yellow-bellied sunbird				Wildnet
birds	ORIOLIDAE	<i>Oriolus sagittatus</i>	olive-backed oriole				Wildnet

birds	ORIOLIDAE	<i>Sphecotheres viridis</i>	figbird						Wildnet
birds	PACHYCEPHALIDAE	<i>Colluricincla harmonica</i>	grey shrike-thrush						Wildnet
birds	PACHYCEPHALIDAE	<i>Colluricincla megarrhyncha</i>	little shrike-thrush						Wildnet
birds	PACHYCEPHALIDAE	<i>Pachycephala rufiventris</i>	rufous whistler						Wildnet/HDM
birds	PARDALOTIDAE	<i>Pardalotus melanocephalus</i>	Black-headed Pardalote						HDM
birds	PARDALOTIDAE	<i>Pardalotus striatus</i>	striated pardalote						Wildnet
birds	PARDALOTIDAE	<i>Sericornis frontalis</i>	white-browed scrubwren						Wildnet/HDM
birds	PELECANIDAE	<i>Pelecanus conspicillatus</i>	Australian pelican						HDM
birds	PHALACROCORACIDAE	<i>Phalacrocorax varius</i>	piebald cormorant						Wildnet
birds	PHASIANIDAE	<i>Coturnix chinensis</i>	king quail						Wildnet
birds	PITTIDAE	<i>Pitta versicolor</i>							Museum
birds	PODARGIDAE	<i>Podargus strigoides</i>	tawny frogmouth						Wildnet/HDM
birds	POMATOSTOMIDAE	<i>Pomatostomus temporalis</i>	grey-crowned babbler						Wildnet/HDM
birds	PROCELLARIIDAE	<i>Puffinus gavia</i>							Museum
birds	PSITTACIDAE	<i>Platyercus adscitus</i>	pale-headed rosella						Wildnet/CEPLA
birds	PSITTACIDAE	<i>Trichoglossus chlorolepidotus</i>	scaly-breasted lorikeet						Wildnet/HDM
birds	PSITTACIDAE	<i>Trichoglossus haematodus</i>	rainbow lorikeet						Wildnet/HDM
birds	RECURVIROSTRIDAE	<i>Himantopus himantopus</i>	black-winged stilt					M	Wildnet
birds	SCOLOPACIDAE	<i>Calidris ferruginea</i>	curlew sandpiper					M	Wildnet
birds	SCOLOPACIDAE	<i>Calidris tenuirostris</i>	great knot					M	Wildnet
birds	SCOLOPACIDAE	<i>Heteroscelus brevipes</i>	grey-tailed tattler					M	Wildnet
birds	SCOLOPACIDAE	<i>Limosa lapponica</i>	bar-tailed godwit					M	Wildnet
birds	SCOLOPACIDAE	<i>Numenius phaeopus</i>	whimbrel					M	Wildnet
birds	SCOLOPACIDAE	<i>Tringa nebularia</i>	common greenshank					M	Wildnet
birds	SCOLOPACIDAE	<i>Tringa stagnatilis</i>	marsh sandpiper					M	Wildnet
birds	STRIGIDAE	<i>Ninox connivens</i>	barking owl						Wildnet
birds	STRIGIDAE	<i>Ninox novaeseelandiae</i>	southern boobook					M	Wildnet
birds	SULIDAE	<i>Sula leucogaster</i>	brown booby					M	Wildnet
birds	SYLVIIDAE	<i>Cincloramphus cruralis</i>	brown songlark						Wildnet
birds	SYLVIIDAE	<i>Cisticola juncidis laveryi</i>	zitting cisticola						Wildnet
birds	SYLVIIDAE	<i>Megalurus timoriensis</i>	tawny grassbird						Wildnet
birds	THRESKIORNITHIDAE	<i>Platalea flavipes</i>	yellow-billed spoonbill						Wildnet
birds	THRESKIORNITHIDAE	<i>Platalea regia</i>	royal spoonbill						Wildnet



reptiles	SCINCIDAE	<i>Carlia munda</i>				Museum
reptiles	SCINCIDAE	<i>Carlia pectoralis</i>				Museum
reptiles	SCINCIDAE	<i>Carlia schimeltzii</i>				Museum
reptiles	SCINCIDAE	<i>Carlia vivax</i>				Museum
reptiles	SCINCIDAE	<i>Cryptoblepharus virgatus</i>				Wildnet/Museum
reptiles	SCINCIDAE	<i>Ctenotus robustus</i>				Wildnet/Museum
reptiles	SCINCIDAE	<i>Ctenotus taeniolatus</i>				Museum
reptiles	SCINCIDAE	<i>Egernia frerei</i>	major skink			Wildnet
reptiles	SCINCIDAE	<i>Lygisaurus foliorum</i>				Museum
reptiles	SCINCIDAE	<i>Morethia taeniopleura</i>	fire-tailed skink			Wildnet/Museum
reptiles	VARANIDAE	<i>Varanus gouldii</i>	sand monitor			Wildnet

**Endemicity:** Introduced/Exotic (\*)

**Status NCA:** Presumed Extinct (PE), Endangered (E), Vulnerable (V), Rare (R)

**Status EPBC:** Migratory (M), Endangered (E), Vulnerable (V), Marine (Ma)

**Source:**

- Queensland Museum Records for southeast of Curtis Island Latitude between: -23.5507 and -23.8031 & Longitude between: 151.1677 and 151.3161 as of January 2002 (Museum);
- Wildnet Records for southeast of Curtis Island Latitude between: -23.5507 and -23.8031 & Longitude between: 151.1677 and 151.3161 as of January 2002 (Wildnet);
- Hollingsworth Dames & Moore (1990). (HDM)
- Current Study – Field surveys January 2002. (CEPLA)

**Black Head:** Confirmed for Black Head (y)