

## **Environmental Management System**

# Management of Native and Non Native Birds Procedure

### 1. Scope

Management of Native and Non-Native Birds will be carried out throughout the University of Queensland's St Lucia campus.

Promoting native vegetation will not only increase the diversity of native fauna on the campus, but has many other benefits including lower maintenance requirements and fewer chemicals needed. These benefits are achieved through birds such as magpies, butcherbirds, swallows, egrets, ibises and mammals such as bats and bandicoots consuming insects such as lawn grubs, midges and mosquitoes. The St Lucia campus can be divided into four general environmental classifications: the parklands and areas surrounding the buildings and ovals; mangroves; rainforest, and lakes. See Appendix 1 for a list of fauna on campus seen in these four areas.

The parklands and areas surrounding the buildings and ovals consist of extensive lawns with scattered tall trees, similar in many respects to an open woodland habitat. The fauna found in this area consist of a mixture of exotic animals, particular birds, and a few native species which would normally have inhabited natural open woodlands, such as the Australian magpies.

The mangrove forest is located along the banks of the Brisbane River at the southern end of the campus. A number of mangrove species such as Collared Kingfisher and Mangrove Gerygone are regularly observed.

The Alumni Gardens or rainforest – seasonal altitudinal migrating birds and other animals dispersing along the river may take advantage of the gardens for a short period of time.

The lakes are one of the most used outdoor areas on campus. Many animals including waterbirds, turtles, fish and eels are frequently seen in or around the lakes, with other species occurring at times. (Appendix 1)

### 2. Objectives

- To implement wildlife control practices that are ecologically sustainable, financially rewarding and technically feasible in accordance with The University of Queensland's Environmental Policy;
- To ensure compliance with environmental legislation through monitoring of The University of Queensland's wildlife as appropriate; and
- To implement wildlife management procedures, subject to available resources.

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### 3. Management

Given the diversity of birdlife on campus this procedure will focus on the following species:

#### 3.1 Domesticated waterbirds

- Greylag geese
- Muscovy ducks
- Mallard ducks

One of the main reasons for the total removal of domesticated waterfowl is to avoid infection of gastrointestinal parasites in native waterbirds, however, the general university community favour domesticated waterfowl around the lake area.

While it is appreciated that the general community enjoy the environment created by domesticated waterbirds, the increased numbers over recent years has lead to the dramatic increase of indiscriminate dumping of waterbirds.

Two processes that will assist the management of these waterbirds are:

- erect signs indicating that the dumping of waterbirds on the university grounds is prohibited, and
- culling should be organised as required.

#### 3.2 Native waterbirds

The grassed area between the lakes and GP South Building is an extremely important nesting area for native birds and should be retained.

To assist native waterbirds, the following breeding boxes could be established:

- Nesting platforms
- Artificial roosting trees
- Rafts for roosting and nesting.

Wildlife signs (eg. "ducks crossing") could be positioned around College Road to inform drivers that caution should be taken around this area for wildlife.

#### 3.2.1 Nesting Seasons

Some birds may become aggressive during nesting seasons. Temporary signs should be positioned in appropriate areas during the nesting times if attacks are occurring to inform the university community of potential attacks. As these are native birds, they must not be interfered with. If problems persist, National Parks and Wildlife should be contacted regarding removal.

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### 3.3 Ground nesting birds

Bush Stone-Curlews (*Burhinus grallarius*) are a protected native bird with a tendency to nest in populated areas (eg. car parks). During the nesting season these areas are roped off where possible.

Masked Lapwings (*Varellus miles*) are a protected native bird with a tendency to nest in opengrassed areas (eg. ovals). Situations that arise such as nesting on the oval are common. Nests are removed to a nearby location but as near as possible to the original nesting site or alternatively eggs are given to Zoology for incubation. All known nesting areas are roped off.

Welcome Swallow and Fairy Martin are a protected bird with a tendency to nest on buildings. These nests are not to be removed during the breeding season.

#### 3.4 Other Non Native Birds

From time to time pigeons may become a problem in University buildings. Various measures will be used to manage the residential pigeon population in a humane manner, eg. nesting deterrents.

### 4. Responsibilities

The Property and Facilities Division is responsible for the management of wildlife on campus as discussed above.

Any enquires with respect to the management of wildlife should be addressed to personnel as listed in Table 1.

Table 1. Responsibilities

Item	Department	Contact	Telephone
Native and Non- Native Birds	Property and Facilities Division	Senior Supervisor Grounds	(07) 336 <u><b>52747</b></u>
Pigeons	Property and Facilities Division	Manager Cleaning	(07) 336 <u><b>52177</b></u>

### 5. References

- Nature Conservation Act 1992
- Management of Fauna on the University of Queensland St Lucia campus, N.G. Taylor.

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## 6. FAUNA ON CAMPUS Appendix 1

In June 1994, a student undertook a collection of data on resident fauna on campus. It is not a complete collection, however, in October 1997 the Botany Department updated the details with available data. Additional data that has been gathered since that time has also been included.

Including the unmowed banks		T = .	1 1		T =
L2   M3   A4   Page		Lakes area	Mangroves	The Alumni	The woodland
Ringtail Possum			including the		
L2   M3   A4   W5			unmowed banks	rainforest	
L2   M3   A4   W5					
Ringtail Possum					
Brushtail Possum Grey-headed Fruit-bat Black Fruit-bat White-striped Mastifi-bat Little Northern Mastifi-bat Cat (1) Fox (1)  Australian Grebe Australian Pelican Australian Darter Little Black Cormorant Cattle Egret Little Black Cormorant Cattle Egret Intermediate Egret Straw-necked Ibis Pacific Black Duck Mallard (1) Hardhead Wood Duck Wood Du		L2	M3	<u>A4</u>	
Grey-headed Fruit-bat					· ·
Black Fruit-bat					· ·
White-striped Mastiff-bat					·
Little Northern Mastiff-bat         ✓			✓		✓
Common Bent-wing bat         ✓					✓
Cat (1)	Little Northern Mastiff-bat		✓		✓
Fox (1)	Common Bent-wing bat				✓
Australian Grebe	Cat (1)		✓	✓	✓
Australian Pelican  Australian Darter  Little Black Cormorant  Cattle Egret  Intermediate Egret  Intermediate Egret  V  Pacific Black Duck  Mallard (1)  Hardhead  Wood Duck  Wood Duck  Greylag Geese (1)  Dusky Moorhen  Purple Swamphen  Eurasian Coot  Bush Thick-knee  Wasked Lapwing  Caspian Tern  Gull-billed Tern  Gull-billed Tern  Australian Pelican  V  V  V  V  Crested Pigeon  V  Crested Pigeon  V  Crested Pocasta Cockatoo  Rainbow Lorikeet  Pale-headed Rosella  Pheasant Coucal  Laughing Kookaburra  Welcome Swallow  V  Laughing Kookaburra  Welcome Swallow  V  Black-faced Cuckoo-shrike	Fox (1)	✓	✓	✓	✓
Australian Pelican  Australian Darter  Little Black Cormorant  Cattle Egret  Intermediate Egret  Intermediate Egret  V  Pacific Black Duck  Mallard (1)  Hardhead  Wood Duck  Wood Duck  Greylag Geese (1)  Dusky Moorhen  Purple Swamphen  Eurasian Coot  Bush Thick-knee  Wasked Lapwing  Caspian Tern  Gull-billed Tern  Gull-billed Tern  Australian Pelican  V  V  V  V  Crested Pigeon  V  Crested Pigeon  V  Crested Pocasta Cockatoo  Rainbow Lorikeet  Pale-headed Rosella  Pheasant Coucal  Laughing Kookaburra  Welcome Swallow  V  Laughing Kookaburra  Welcome Swallow  V  Black-faced Cuckoo-shrike					
Australian Darter  Little Black Cormorant  Cattle Egret  Intermediate Egret  Straw-necked Ibis  Pacific Black Duck  Mallard (1)  Wood Duck  Wood Duck  Muscovy Ducks (1)  Greylag Geese (1)  Dusky Moorhen  Purple Swamphen  Eurasian Coot  Bush Thick-knee  Masked Lapwing  Caspian Term  Gull-billed Tern  Rock Pigeon  V Crested Pigeon  Sulphur-crested Cockatoo  Rainbow Lorikeet  Scaly-breast Lorikeet  Pheasant Coucal  Laughing Kookaburra  Welcome Swallow  V  Richards Pipit  V  Cattle Black Cormorant  V  Cattle Black Cormorant  V  Cattle Black Cormorant  V  Australian Darter  V  Australian Australian  V  V  Australian Australian  V  V  Australian Australian  V  V  V  Australian Australian  V  V  V  Fairy Martin  V  Richards Pipit  V  Black-faced Cuckoo-shrike	Australian Grebe	✓			
Little Black Cormorant  Cattle Egret Intermediate Egret V Pacific Black Duck Mallard (1) V Hardhead V Wood Duck V Muscovy Ducks (1) Greylag Geese (1) Dusky Moorhen V Purple Swamphen V Eurasian Coot V Masked Lapwing Caspian Tern Goull-billed Tern V Crested Pigeon V Crested Pigeon V Crested Pigeon V Scaly-breast Lorikeet V Plae-headed Rosella V Welcome Swallow V V V V Caitle Dischesce V V V V V V V V V V V V V V V V V V V	Australian Pelican		✓		
Little Black Cormorant         ✓           Cattle Egret         ✓           Intermediate Egret         ✓           Straw-necked Ibis         ✓           Pacific Black Duck         ✓           Mallard (1)         ✓           Hardhead         ✓           Wood Duck         ✓           Muscovy Ducks (1)         ✓           Greylag Geese (1)         ✓           Dusky Moorhen         ✓           Purple Swamphen         ✓           Eurasian Coot         ✓           Bush Thick-knee         ✓           Masked Lapwing         ✓           Caspian Tern         ✓           Gull-billed Tern         ✓           Rock Pigeon         ✓           Crested Pigeon         ✓           Sulphur-crested Cockatoo         ✓           Rainbow Lorikeet         ✓           Scaly-breast Lorikeet         ✓           Pheasant Coucal         ✓           Laughing Kookaburra         ✓           Welcome Swallow         ✓           Fairy Martin         ✓           Richards Pipit         ✓           Black-faced Cuckoo-shrike		✓			
Cattle Egret         ✓           Intermediate Egret         ✓           Straw-necked Ibis         ✓           Pacific Black Duck         ✓           Mallard (1)         ✓           Hardhead         ✓           Wood Duck         ✓           Muscovy Ducks (1)         ✓           Greylag Geese (1)         ✓           Dusky Moorhen         ✓           Purple Swamphen         ✓           Eurasian Coot         ✓           Bush Thick-knee         ✓           Masked Lapwing         ✓           Caspian Tern         ✓           Gull-billed Tern         ✓           Rock Pigeon         ✓           Crested Pigeon         ✓           Scaly-breast Lorikeet         ✓           V         ✓           Pale-headed Rosella         ✓           Pheasant Coucal         ✓           Laughing Kookaburra         ✓           Welcome Swallow         ✓           Fairy Martin         ✓           Richards Pipit         ✓           Black-faced Cuckoo-shrike         ✓		✓			
Intermediate Egret		<b>√</b>			
Straw-necked lbis		✓			
Pacific Black Duck         ✓           Mallard (1)         ✓           Hardhead         ✓           Wood Duck         ✓           Muscovy Ducks (1)         ✓           Greylag Geses (1)         ✓           Dusky Moorhen         ✓           Purple Swamphen         ✓           Eurasian Coot         ✓           Bush Thick-knee         ✓           Masked Lapwing         ✓           Caspian Tern         ✓           Gull-billed Tern         ✓           Rock Pigeon         ✓           Crested Pigeon         ✓           Sulphur-crested Cockatoo         ✓           Rainbow Lorikeet         ✓           Scaly-breast Lorikeet         ✓           Pale-headed Rosella         ✓           Pheasant Coucl         ✓           Laughing Kookaburra         ✓           Welcome Swallow         ✓           Fairy Martin         ✓           Richards Pipit         ✓           Black-faced Cuckoo-shrike         ✓		<b>√</b>			<b>✓</b>
Mallard (1)         ✓           Hardhead         ✓           Wood Duck         ✓           Muscovy Ducks (1)         ✓           Greylag Geese (1)         ✓           Dusky Moorhen         ✓           Purple Swamphen         ✓           Eurasian Coot         ✓           Bush Thick-knee         ✓           Masked Lapwing         ✓           Caspian Tern         ✓           Gull-billed Tern         ✓           Rock Pigeon         ✓           V         ✓           Sulphur-crested Cockatoo         ✓           Rainbow Lorikeet         ✓           Scaly-breast Lorikeet         ✓           Pale-headed Rosella         ✓           Pheasant Coucal         ✓           Laughing Kookaburra         ✓           Welcome Swallow         ✓           Fairy Martin         ✓           Richards Pipit         ✓           Black-faced Cuckoo-shrike         ✓		<b>√</b>			·
Hardhead					
Wood Duck					
Muscovy Ducks (1)         ✓           Greylag Geese (1)         ✓           Dusky Moorhen         ✓           Purple Swamphen         ✓           Eurasian Coot         ✓           Bush Thick-knee         ✓           Masked Lapwing         ✓           Caspian Tern         ✓           Gull-billed Tern         ✓           Rock Pigeon         ✓           Crested Pigeon         ✓           Sulphur-crested Cockatoo         ✓           Rainbow Lorikeet         ✓           Scaly-breast Lorikeet         ✓           Pale-headed Rosella         ✓           Laughing Kookaburra         ✓           Welcome Swallow         ✓           Fairy Martin         ✓           Richards Pipit         ✓           Black-faced Cuckoo-shrike         ✓					
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Dusky Moorhen         ✓           Purple Swamphen         ✓           Eurasian Coot         ✓           Bush Thick-knee         ✓           Masked Lapwing         ✓           Caspian Tern         ✓           Gull-billed Tern         ✓           Rock Pigeon         ✓           Crested Pigeon         ✓           Sulphur-crested Cockatoo         ✓           Rainbow Lorikeet         ✓           Scaly-breast Lorikeet         ✓           Pale-headed Rosella         ✓           Pheasant Coucal         ✓           Laughing Kookaburra         ✓           Welcome Swallow         ✓           Fairy Martin         ✓           Richards Pipit         ✓           Black-faced Cuckoo-shrike         ✓					
Purple Swamphen					
Eurasian Coot  Bush Thick-knee  Masked Lapwing  Caspian Tern  Gull-billed Tern  Rock Pigeon  Crested Pigeon  Sulphur-crested Cockatoo  Rainbow Lorikeet  Y  Pale-headed Rosella  Pheasant Coucal  Laughing Kookaburra  Welcome Swallow  Fairy Martin  Richards Pipit  Black-faced Cuckoo-shrike					
Bush Thick-knee		i i			
Masked Lapwing         ✓           Caspian Tern         ✓           Gull-billed Tern         ✓           Rock Pigeon         ✓           Crested Pigeon         ✓           Sulphur-crested Cockatoo         ✓           Rainbow Lorikeet         ✓           Scaly-breast Lorikeet         ✓           Pale-headed Rosella         ✓           Pheasant Coucal         ✓           Laughing Kookaburra         ✓           Welcome Swallow         ✓           Fairy Martin         ✓           Richards Pipit         ✓           Black-faced Cuckoo-shrike         ✓		<b>V</b>			
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Gull-billed Tern  Rock Pigeon  Crested Pigeon  Sulphur-crested Cockatoo  Rainbow Lorikeet  Scaly-breast Lorikeet  Pale-headed Rosella  Pheasant Coucal  Laughing Kookaburra  Welcome Swallow  Fairy Martin  Richards Pipit  Black-faced Cuckoo-shrike		<b>V</b>			<b>V</b>
Rock Pigeon  Crested Pigeon  Sulphur-crested Cockatoo  Rainbow Lorikeet  Scaly-breast Lorikeet  Pale-headed Rosella  Pheasant Coucal  Laughing Kookaburra  Welcome Swallow  Fairy Martin  Richards Pipit  Black-faced Cuckoo-shrike					
Crested Pigeon         ✓           Sulphur-crested Cockatoo         ✓           Rainbow Lorikeet         ✓           Scaly-breast Lorikeet         ✓           Pale-headed Rosella         ✓           Pheasant Coucal         ✓           Laughing Kookaburra         ✓           Welcome Swallow         ✓           Fairy Martin         ✓           Richards Pipit         ✓           Black-faced Cuckoo-shrike         ✓			<b>√</b>		,
Sulphur-crested Cockatoo  Rainbow Lorikeet  Scaly-breast Lorikeet  Pale-headed Rosella  Pheasant Coucal  Laughing Kookaburra  Welcome Swallow  Fairy Martin  Richards Pipit  Black-faced Cuckoo-shrike		<b>✓</b>			· ·
Rainbow Lorikeet         ✓         ✓           Scaly-breast Lorikeet         ✓         ✓           Pale-headed Rosella         ✓         ✓           Pheasant Coucal         ✓         ✓           Laughing Kookaburra         ✓         ✓           Welcome Swallow         ✓         ✓           Fairy Martin         ✓         ✓           Richards Pipit         ✓         ✓           Black-faced Cuckoo-shrike         ✓         ✓					
Scaly-breast Lorikeet         ✓         ✓           Pale-headed Rosella         ✓         ✓           Pheasant Coucal         ✓         ✓           Laughing Kookaburra         ✓         ✓           Welcome Swallow         ✓         ✓           Fairy Martin         ✓         ✓           Richards Pipit         ✓         ✓           Black-faced Cuckoo-shrike         ✓         ✓					•
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Pheasant Coucal  Laughing Kookaburra  Welcome Swallow  Fairy Martin  Richards Pipit  Black-faced Cuckoo-shrike	-		· ·		·
Laughing Kookaburra  Welcome Swallow  Fairy Martin  Richards Pipit  Black-faced Cuckoo-shrike	Pale-headed Rosella				✓
Welcome Swallow  Fairy Martin  Richards Pipit  Black-faced Cuckoo-shrike	Pheasant Coucal		✓		
Welcome Swallow  Fairy Martin  Richards Pipit  Black-faced Cuckoo-shrike					
Fairy Martin Richards Pipit  Black-faced Cuckoo-shrike  ✓					,
Richards Pipit  Black-faced Cuckoo-shrike  ✓	Welcome Swallow	<b>√</b>	<b>√</b>		✓
Richards Pipit  Black-faced Cuckoo-shrike  ✓	Fairy Martin				✓
Black-faced Cuckoo-shrike ✓					✓
		✓			
	Grey Fantail		✓		

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Lakes area Mangroves including the unmowed banks lenvironment including parks, playing fields and precincts.  Willy Wagtail  Variegated Fairy-wren Red-backed Fairy-wren Mangrove Gerygone Noisy Miner V Scarlet Honeyeater Mistletoebird V Magpie-lark V Figbird V Australian Magpie Professian Crow V Eastern Water Dragon Unidentified dragonflies Pied Cormorant Sacred Ibis Spotted Turtle-dove V Australian Kingparrot White-throated Tree-creeper Spangled Drongo Other species: Water Dragon V White-throated Tree-creeper Spangled Drongo Common Wood Lizards Common Wood Lizards Common Green Tree Snake Common Gree		T 1	1 36	TT1 4.1 *	771 11 1
unmowed banks rainforest playing fields and precincts.  Willy Wagtail Variegated Fairy-wren Red-backed Fairy-wren Red-backed Fairy-wren Mangrove Gerygone Noisy Miner V Scarlet Honeyeater Mistletoebird V Gommon Starling (1) Figbird V Magpie-lark V Holdenterbird V Fied Butcherbird V Forey Butcherbird V Forestan Water Dragon V Unidentified small fish V Field Commonat Sacred Ibis V Spotted Turtle-dove Galah V Winte-throated Tree-creeper Spangled Drongo V Wall skink V Willy Wagtail V W   W   W   W   W   W   W   W   W   W		Lakes area			
Description					
L2   M3   A4   W5			unmowed banks	rainforest	
L2   M3   A4   W5					
Willy Wagtail         ✓           Variegated Fairy-wren         ✓           Red-backed Fairy-wren         ✓           Mangrove Gerygone         ✓           Noisy Miner         ✓           Scarlet Honeyeater         ✓           Mistletoebird         ✓           Common Starling (1)         ✓           Figbird         ✓           Magpie-lark         ✓           Grey Butcherbird         ✓           Pied Butcherbird         ✓           Australian Magpie         ✓           Torresian Crow         ✓           Eastern Water Dragon         ✓           Unidentified small fish         ✓           Unidentified dragonflies         ✓           Pied Cormorant         ✓           Sacred Ibis         ✓           Spotted Turtle-dove         ✓           Galah         ✓           Australian Kingparrot         ✓           White-throated Tree-creeper         ✓           Spangled Drongo         ✓           Other species:            Wall skink         ✓           Brisbane River tortoise         ✓           Bearded dragon         ✓           Oh					-
Variegated Fairy-wren         ✓           Red-backed Fairy-wren         ✓           Mangrove Gerygone         ✓           Noisy Miner         ✓           Scarlet Honeyeater         ✓           Mistletoebird         ✓           Common Starling (1)         ✓           Figbird         ✓           Magpie-lark         ✓           Grey Butcherbird         ✓           Pied Butcherbird         ✓           Pied Butcherbird         ✓           Pied Butcherbird         ✓           V         ✓           Australian Magpie         ✓           Torresian Crow         ✓           Eastern Water Dragon         ✓           Unidentified small fish         ✓           Unidentified dragonflies         ✓           Pied Cormorant         ✓           Sacred Ibis         ✓           Spotted Turtle-dove         ✓           Galah         ✓           Australian Kingparrot         ✓           White-throated Tree-creeper         ✓           Spangled Drongo         ✓           Other species:         ✓           Wall skink         ✓           Brisbane River tor	XX7'11 XX7 , '1	L2		A4	W5
Red-backed Fairy-wren					
Mangrove Gerygone					
Noisy Miner	J		·		
Scarlet Honeyeater			·		
Mistletoebird         ✓           Common Starling (1)         ✓           Figbird         ✓           Magpie-lark         ✓           Grey Butcherbird         ✓           Pied Butcherbird         ✓           Australian Magpie         ✓           Torresian Crow         ✓           Eastern Water Dragon         ✓           Unidentified small fish         ✓           Unidentified dragonflies         ✓           Pied Cormorant         ✓           Sacred Ibis         ✓           Spotted Turtle-dove         ✓           Galah         ✓           Australian Kingparrot         ✓           White-throated Tree-creeper         ✓           Spangled Drongo         ✓           Other species:         Wall skink           Wall skink         ✓           Bearded dragon         ✓           Gommon Wood Lizards         ✓           Common Green Tree Snake         ✓		✓	✓		r
Common Starling (1)         ✓           Figbird         ✓           Magpic-lark         ✓           Grey Butcherbird         ✓           Pied Butcherbird         ✓           Australian Magpie         ✓           Torresian Crow         ✓           Eastern Water Dragon         ✓           Unidentified small fish         ✓           Unidentified dragonflies         ✓           Pied Cormonat         ✓           Sacred Ibis         ✓           Spotted Turtle-dove         ✓           Galah         ✓           Australian Kingparrot         ✓           White-throated Tree-creeper         ✓           Spangled Drongo         ✓           Other species:         ✓           Wall skink         ✓           Brisbane River tortoise         ✓           Berdedorgon         ✓           Common Green Tree Snake         ✓					✓
Figbird  Magpie-lark  Grey Butcherbird  Pied Butcherbird  Australian Magpie  Torresian Crow  Fastern Water Dragon  Unidentified small fish  Unidentified dragonflies  Pied Cormorant  Sacred Ibis  Spotted Turtle-dove  Galah  Australian Kingparrot  White-throated Tree-creeper  Spangled Drongo  Other species:  Wall skink  Bearded dragon  Glekos  Common Green Tree Snake			✓		
Magpie-lark  Grey Butcherbird  Pied Butcherbird  Australian Magpie  Torresian Crow   Eastern Water Dragon  Unidentified small fish  Unidentified dragonflies  Pied Cormorant  Sacred Ibis  Spotted Turtle-dove  Galah  Australian Kingparrot  White-throated Tree-creeper  Spangled Drongo  Other species:  Wall skink  Brisbane River tortoise  Bearded dragon  Ghekos  Common Green Tree Snake					·
Grey Butcherbird         ✓           Pied Butcherbird         ✓           Australian Magpie         ✓           Torresian Crow         ✓           Eastern Water Dragon         ✓           Unidentified small fish         ✓           Unidentified dragonflies         ✓           Pied Cormorant         ✓           Sacred Ibis         ✓           Spotted Turtle-dove         ✓           Galah         ✓           Australian Kingparrot         ✓           White-throated Tree-creeper         ✓           Spangled Drongo         ✓           Other species:         ✓           Wall skink         ✓           Bearded dragon         ✓           Ghekos         ✓           Common Green Tree Snake         ✓				✓	✓
Pied Butcherbird         ✓         ✓           Australian Magpie         ✓         ✓           Torresian Crow         ✓         ✓           Eastern Water Dragon         ✓         ✓           Unidentified small fish         ✓         ✓           Unidentified dragonflies         ✓         ✓           Pied Cormorant         ✓         ✓           Sacred Ibis         ✓         ✓           Spotted Turtle-dove         ✓         ✓           Galah         ✓         ✓           Australian Kingparrot         ✓         ✓           White-throated Tree-creeper         ✓         ✓           Spangled Drongo         ✓         ✓           Other species:         ✓         ✓           Wall skink         ✓         ✓           Bearded dragon         ✓         ✓           Ghekos         ✓         ✓           Common Wood Lizards         ✓         ✓           Common Green Tree Snake         ✓         ✓		✓			✓
Australian Magpie         ✓           Torresian Crow         ✓           Eastern Water Dragon         ✓           Unidentified small fish         ✓           Unidentified dragonflies         ✓           Pied Cormorant         ✓           Sacred Ibis         ✓           Spotted Turtle-dove         ✓           Galah         ✓           Australian Kingparrot         ✓           White-throated Tree-creeper         ✓           Spangled Drongo         ✓           Other species:         ✓           Wall skink         ✓           Brisbane River tortoise         ✓           Bearded dragon         ✓           Ghekos         ✓           Common Wood Lizards         ✓           Common Green Tree Snake         ✓	Grey Butcherbird				✓
Torresian Crow  Eastern Water Dragon Unidentified small fish Unidentified dragonflies  Pied Cormorant Sacred Ibis Spotted Turtle-dove Galah Australian Kingparrot White-throated Tree-creeper Spangled Drongo  Other species: Wall skink Brisbane River tortoise Bearded dragon Ghekos Common Wood Lizards Common Green Tree Snake	Pied Butcherbird		✓		✓
Eastern Water Dragon Unidentified small fish Unidentified dragonflies  Pied Cormorant Sacred Ibis Spotted Turtle-dove Galah Australian Kingparrot White-throated Tree-creeper Spangled Drongo  Other species: Wall skink Brisbane River tortoise Bearded dragon Ghekos Common Wood Lizards Common Green Tree Snake	Australian Magpie				✓
Unidentified small fish Unidentified dragonflies  Pied Cormorant Sacred Ibis Spotted Turtle-dove Galah Australian Kingparrot White-throated Tree-creeper Spangled Drongo Other species: Wall skink Brisbane River tortoise Bearded dragon Ghekos Common Wood Lizards Common Green Tree Snake	Torresian Crow	✓			✓
Unidentified small fish Unidentified dragonflies  Pied Cormorant Sacred Ibis Spotted Turtle-dove Galah Australian Kingparrot White-throated Tree-creeper Spangled Drongo Other species: Wall skink Brisbane River tortoise Bearded dragon Ghekos Common Wood Lizards Common Green Tree Snake					
Unidentified dragonflies  Pied Cormorant Sacred Ibis Spotted Turtle-dove  Galah Australian Kingparrot White-throated Tree-creeper Spangled Drongo  Other species: Wall skink Brisbane River tortoise Bearded dragon Ghekos Common Wood Lizards Common Green Tree Snake	Eastern Water Dragon	✓			
Pied Cormorant  Sacred Ibis  Spotted Turtle-dove  Galah  Australian Kingparrot  White-throated Tree-creeper  Spangled Drongo  Other species:  Wall skink  Brisbane River tortoise  Bearded dragon  Ghekos  Common Wood Lizards  Common Green Tree Snake	Unidentified small fish	✓			
Sacred Ibis  Spotted Turtle-dove  Galah  Australian Kingparrot  White-throated Tree-creeper  Spangled Drongo  Other species:  Wall skink  Brisbane River tortoise  Bearded dragon  Ghekos  Common Wood Lizards  Common Green Tree Snake	Unidentified dragonflies	✓			
Sacred Ibis  Spotted Turtle-dove  Galah  Australian Kingparrot  White-throated Tree-creeper  Spangled Drongo  Other species:  Wall skink  Brisbane River tortoise  Bearded dragon  Ghekos  Common Wood Lizards  Common Green Tree Snake					
Spotted Turtle-dove Galah  Australian Kingparrot  White-throated Tree-creeper Spangled Drongo  Other species:  Wall skink Brisbane River tortoise Bearded dragon Ghekos Common Wood Lizards Common Green Tree Snake	Pied Cormorant	✓			
Galah  Australian Kingparrot  White-throated Tree-creeper  Spangled Drongo  Other species:  Wall skink  Brisbane River tortoise  Bearded dragon  Ghekos  Common Wood Lizards  Common Green Tree Snake	Sacred Ibis	✓	✓		
Australian Kingparrot  White-throated Tree-creeper  Spangled Drongo  Other species:  Wall skink  Brisbane River tortoise  Bearded dragon  Ghekos  Common Wood Lizards  Common Green Tree Snake	Spotted Turtle-dove	✓			✓
White-throated Tree-creeper  Spangled Drongo  Other species:  Wall skink  Brisbane River tortoise  Bearded dragon  Ghekos  Common Wood Lizards  Common Green Tree Snake	Galah	✓			✓
White-throated Tree-creeper  Spangled Drongo  Other species:  Wall skink  Brisbane River tortoise  Bearded dragon  Ghekos  Common Wood Lizards  Common Green Tree Snake	Australian Kingparrot				✓
Spangled Drongo  Other species:  Wall skink  Brisbane River tortoise  Bearded dragon  Ghekos  Common Wood Lizards  Common Green Tree Snake					✓
Other species:  Wall skink  Brisbane River tortoise  Bearded dragon  Ghekos  Common Wood Lizards  Common Green Tree Snake					✓
Wall skink  Brisbane River tortoise  Bearded dragon  Ghekos  Common Wood Lizards  Common Green Tree Snake					
Wall skink  Brisbane River tortoise  Bearded dragon  Ghekos  Common Wood Lizards  Common Green Tree Snake	Other species:				
Bearded dragon  Ghekos  Common Wood Lizards  Common Green Tree Snake  ✓					✓
Bearded dragon  Ghekos  Common Wood Lizards  Common Green Tree Snake  ✓	Brisbane River tortoise	✓			
Ghekos     ✓       Common Wood Lizards     ✓       Common Green Tree Snake     ✓		✓			
Common Wood Lizards  Common Green Tree Snake  ✓					✓
Common Green Tree Snake ✓					✓
					✓
			✓		

- Introduced species of fauna The lakes area (L2) 1
- 2 3 4 5

- The mangroves including the unmowed banks (M3)
  The Alumni Gardens rainforest (A4)
  The woodland environment including the parks, playing fields and precincts (W5)

Management of Native and Non-	Issue No. 2	Issue date: 24/03/05	Section 5A	Page 5 of 6
Native Birds Procedure				

Other species of fauna seen by various observers in the past few years include:

Australian Brush Turkey

Australian Hobby

Australian Wooduck

Nankeen Night Heron

Nauheen Kestrel

Oriental Cuckoo

Black Swan Osprey
Blue-faced Honeyeater Pacific Baza
Brahiminy Kite Peregrine Falcon
Brown Goshawk Pied Currawong
Bush Stone-curlew Purple-crowned Pigeon

Bush-hen
Chocolate Wattle-bat
Collared Kingfisher
Collared Sparrowhawk
Comb-crested Jacana
Common Goose (1)
Common Koel
Rainbow Bee-eater
Rock Dove (1)
Rose Robin
Striated Heron
Tawny Frogmouth
Varied Sittella
Whiskered Tern

House Sparrow Whistling Kite
Little Bitten White-bellied Sea-eagle
Little Egret White-faced Heron

Masked Plover White-throated Needletail