

Community Cassowary Identification and Tracking Project

Profile of 14 cassowaries Bingil Bay/Garners Beach

MBHNA Group meeting 8 Dec 2011

Presentation prepared by Liz Gallie



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A lot of information is being gathered

CSIRO; DNA analysis

DERM; Satellite tagging

Placement of recent Crossing signs, recorded deaths, photos currently being obtained from food stations

COMMUNITY; Community wants to be involved, fills gaps in information already being gathered, is up to date and ongoing

Community Cassowary Identification and Tracking Project



Aim

Make a record of individual cassowaries

Follow their movement in the landscape

Identify road crossings

Record interactions between birds and any other incidences

Follow mating patterns

Follow chicks dispersal

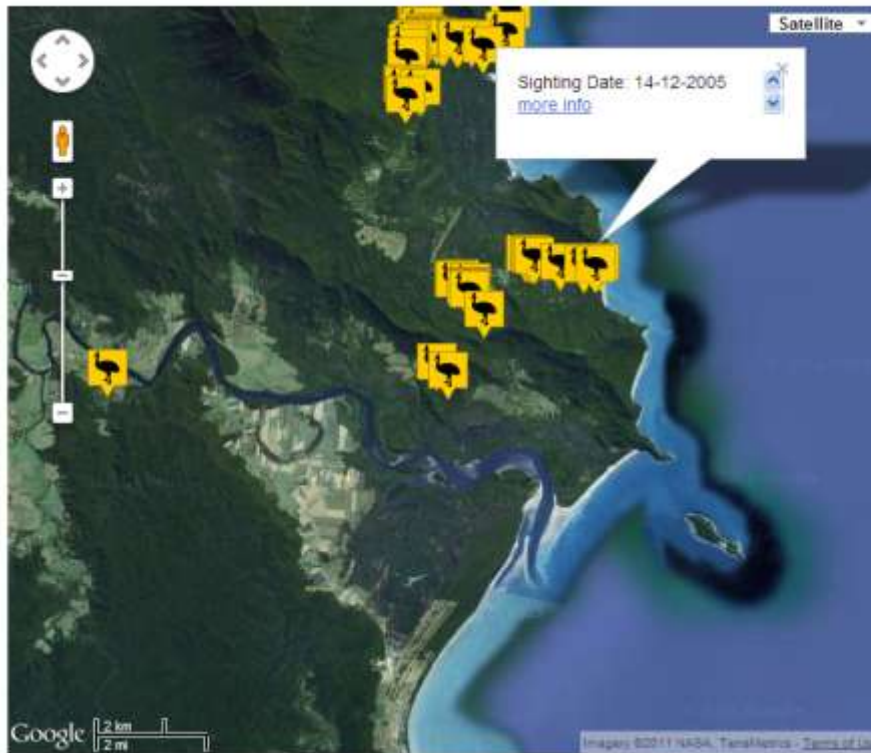
Community Cassowary Identification and Tracking Project

Daintree Region Cassowary Group



[Home](#) [Submit Sighting](#) [Cassowary Census](#) [About Cassowaries](#) [History of Our Group](#) [Contact Us](#)

Cassowary Sighting Map



Filter Sightings by:

Type and number of birds

All Years Limit sightings

Submit

Sub Menu

[Sighting Map](#)

[Sighted Cassowaries](#)

[Population Dynamics and Monitoring](#)



Submit Sighting

134 sightings in our database [see map](#)

External Links

- Wet Tropics Management Authority
- Department of Environment & Resource Management
- Australian Government Recovery Plan for Southern Cassowary
- Terrain
- Rainforest Rescue
- Community for Coastal and Cassowary Conservation (C4)
- Save The Cassowary
- Kuranda Envirocare Inc
- Kuranda Conservation Community Nursery Inc

A lot of information is being gathered

DAINTREE has website dedicated to cassowary recording

New technology has a lot of potential

Bingil Bay/Garners Beach Cassowaries



Sample area

Profile of 14 individual birds



Name	Age
• Bella	>40
• Barbara	>40
• Ms Cass	11
• Kit/Bandit	at least 30
• Stuart	at least 16
• Dad	died Dec 2010 at least 10
• Joov	6
• Lelol	?
• Bart	?
• Unknown	?
• Cyril	4
• Blackie	4
• Bernie	19 months
• Bella's chick	14 months

Profile of 14 individual birds



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Profile of 14 individual birds



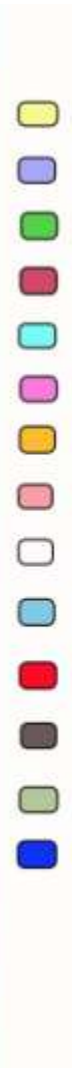
Name	Age
Ms Cass	12

Profile of 14 individual birds



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Profile of 14 individual birds



Name

Age

Kit/Bandit

at least 30 years

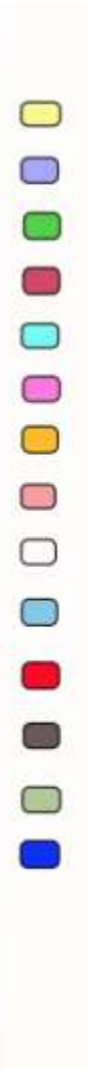
- Yellow
- Light Blue
- Green
- Red
- Cyan
- Pink
- Yellow
- Light Pink
- White
- Light Blue
- Red
- Grey
- Light Green
- Blue

Profile of 14 individual birds



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Profile of 14 individual birds



Name

Age

Stuart

at least 16

Profile of 14 individual birds



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• Cyril	4
• Blackie	4
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• Bella's chick	14 months

Profile of 14 individual birds



Name	Age
[Yellow box]	
[Purple box]	
[Green box]	
[Red box]	
[Cyan box]	
[Pink box]	Dad died Dec 2010 at least 10
[Orange box]	
[Light pink box]	
[White box]	
[Light blue box]	
[Red box]	
[Dark grey box]	
[Light green box]	
[Blue box]	

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• Lelol	?
• Bart	?
• Unknown	?
• Cyril	4
• Blackie	4
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Profile of 14 individual birds



Name	Age
Joov	(July)
6	

Profile of 14 individual birds



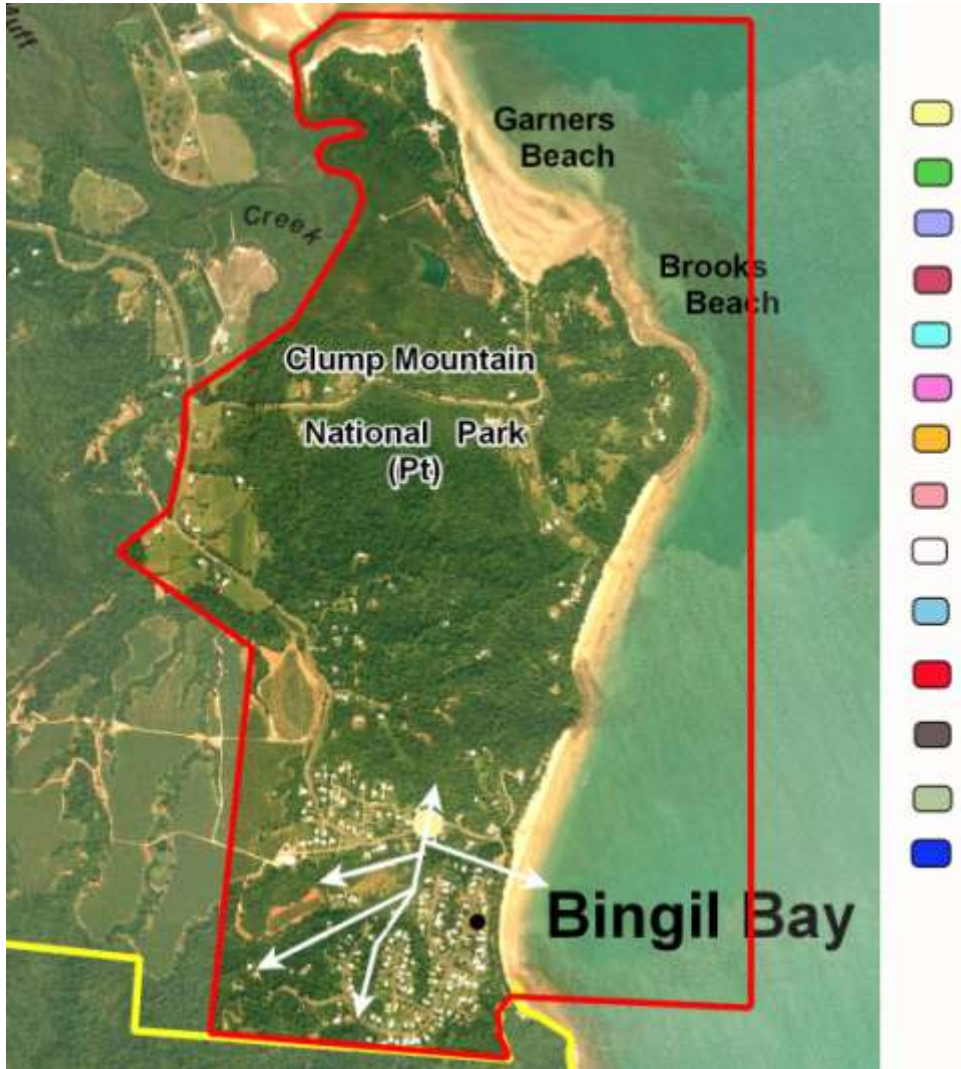
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• Stuart	at least 16
• Dad	died Dec 2010 at least 10
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• Lelol	?
• Bart (two chicks)	?
• Unknown	?
• Cyril	4
• Blackie	4
• Bernie	19 months
• Bella's chick	14 months

Profile of 14 individual birds



Name

Age

-
-
-
-
-
-
-
-
-
-
-
-
-
-

Bart (two chicks)

?

Profile of 14 individual birds



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• Bart	?
• Unknown adult	?
• Cyril	4
• Blackie	4
• Bernie	19 months
• Bella's chick	14 months

Profile of 14 individual birds



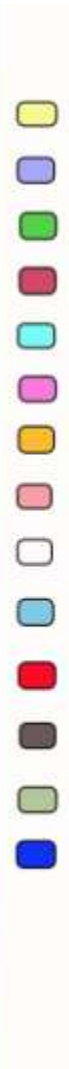
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Profile of 14 individual birds



Name

Age

Blackie

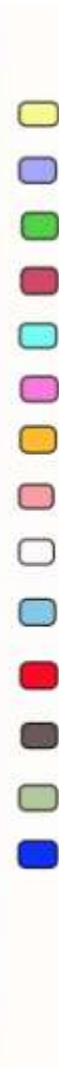
4

Profile of 14 individual birds



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Profile of 14 individual birds



Name

Age

Bernie

19 months

Profile of 14 individual birds



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• Unknown	?
• Cyril	4
• Blackie	4
• Bernie	19 months
• Bella's chick	19 months

Profile of 14 individual birds



Name	Age
Bella's chick	14 months

Profile of 14 individual birds – Road Crossings

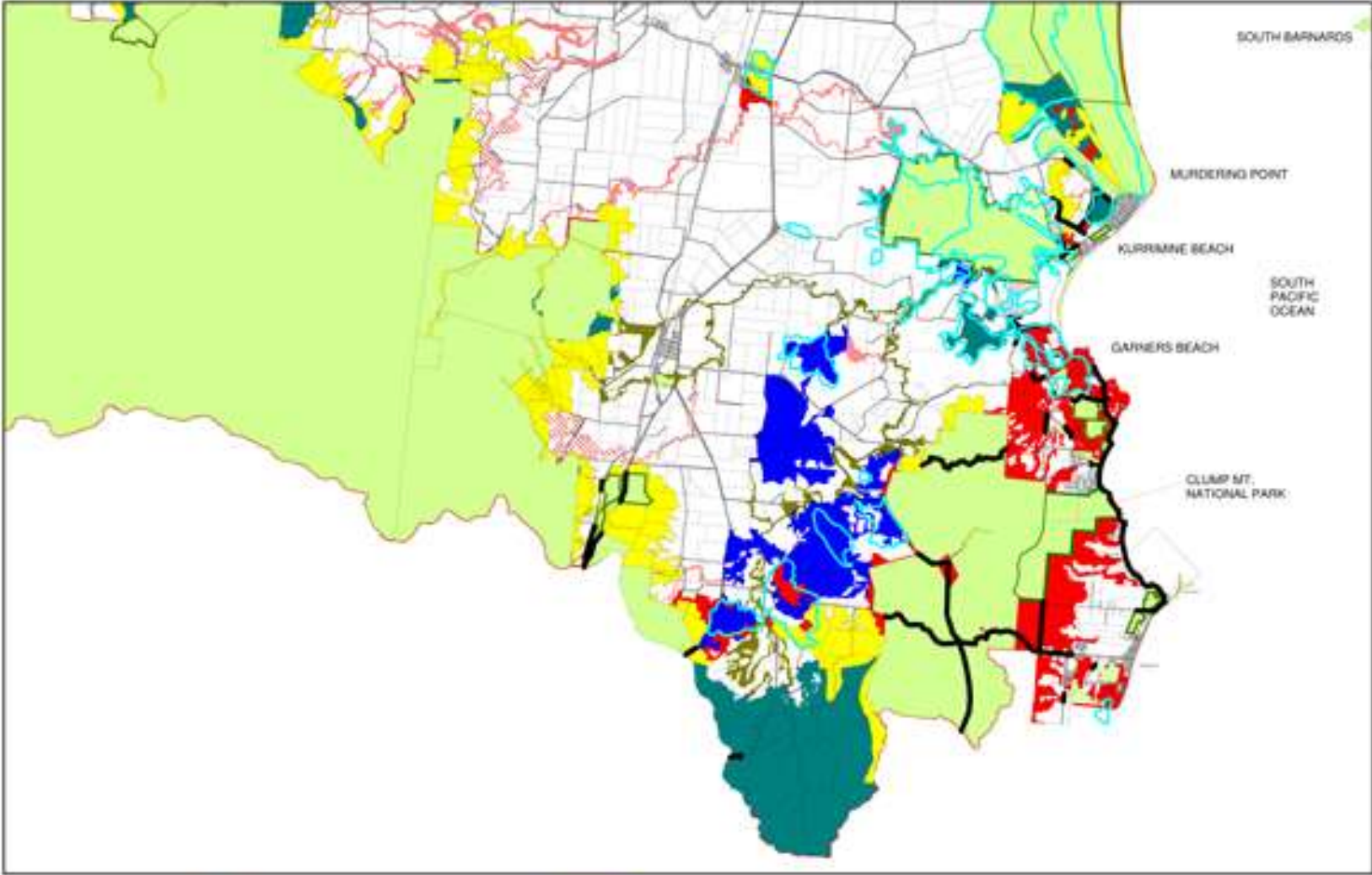


Information can be overlaid onto existing maps



- RE mapping
- Essential cassowary habitat
- Traffic management reports
- Habitat corridors

Johnstone Shire Council map showing wildlife crossing points

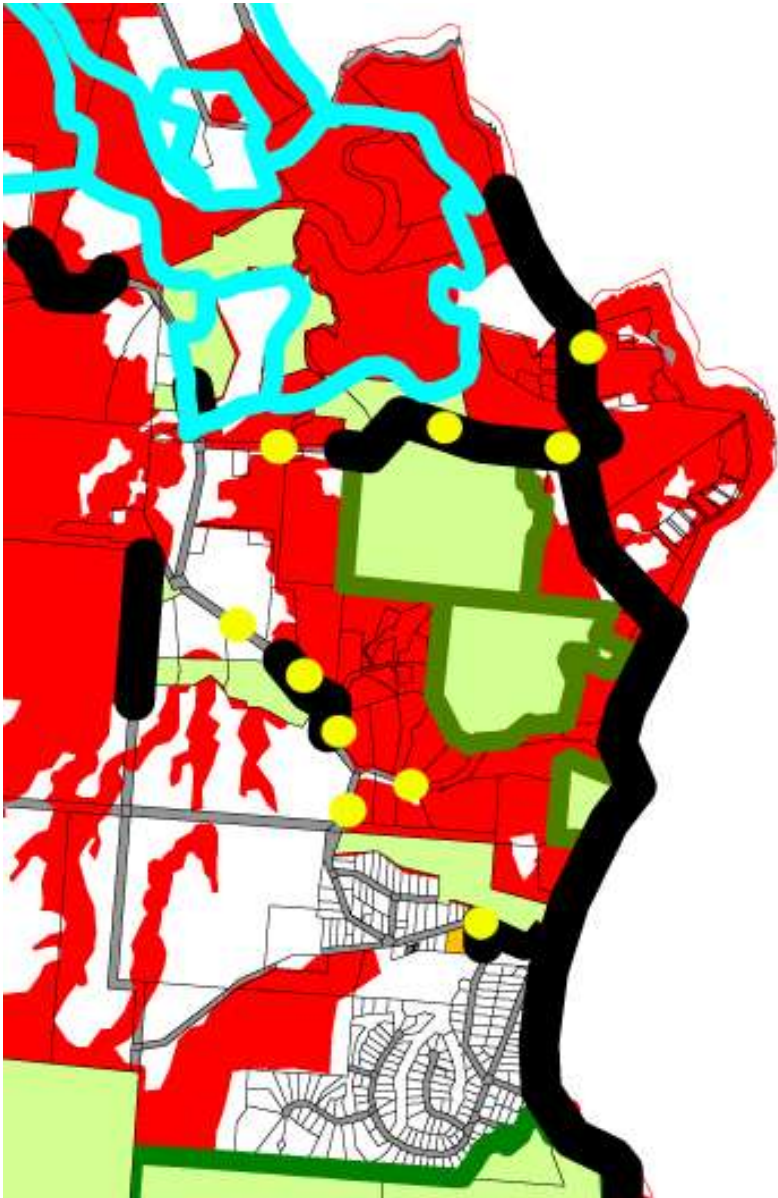


Wildlife Crossing Point	Wetlands	HABITAT CLASSIFICATION LEGEND		Major Watercourse
Important Habitat	Natural Corridor Habitat	Potential linkage Corridor Habitat	Potential Critical Important Linkage	Mangrove Important
Critical Habitat	Linkage Corridor Habitat	Important Linkage	Mangrove	Conservation

**JOHNSTONE SHIRE COUNCIL -
NATURAL AREAS PLAN**

MAP 7c

Johnstone Shire Council map showing wildlife crossing points



- **Wildlife crossings**

Desired Outcome

To engage the community by sharing information to ensure the cassowary survives and thrives in the Mission Beach landscape



- Day to day observations – detail of on the ground situations
- Understanding community attitudes
- Disseminating information to the community and by the community
- A big continuous database of detailed information
- Informs future planning

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