

## RECOVERY TEAM ANNUAL REPORT

### THREATENED SPECIES AND/OR COMMUNITIES RECOVERY TEAM

#### PROGRAM INFORMATION

##### Recovery Team

Forest Black Cockatoo Recovery Team

##### Reporting Period

Submission date 31 March

##### DATE FROM:

1/1/2014

##### DATE TO:

31/12/2014

#### Current membership

	Member	Representing
<b>Chair</b>	Brad Barton	Department of Parks and Wildlife – Warren Region
<b>Exec Officer</b>	Abby Thomas	Department of Parks and Wildlife – Species and Communities Branch
<b>members</b>	Kim Williams	Department of Parks and Wildlife – SW Region
	Sarah Comer	Department of Parks and Wildlife – South Coast Region
	Geoff Barrett	Department of Parks and Wildlife – Swan Region
	Rick Dawson	Department of Parks and Wildlife – Nature Protection Branch
	Amy Mutton	Department of Parks and Wildlife – Species and Communities Branch
	Ron Johnstone	Western Australian Museum
	Tony Kirkby	Western Australian Museum
	Christine Cooper	Curtain University
	Kris Warren	Murdoch University
		WA Fruit Growers
	Gary Martin	Department of Agriculture and Food
	Kath Howard	WWF

	Hana McDonald	Commonwealth Department of the Environment
	Jess Lee	Bird Life Australia
	Vicki Stokes	Alcoa
<b>Dates meetings were held</b>	13 May 2014 and 7 November 2014	
<b>Highlights of achievements</b> for the previous 12 months suitable for publication in <i>WATSNU</i> and contribution to DEC annual report. Provide 1-2 paragraphs summarising total number of new populations located, surveys completed, list major management actions etc	<b>\$50,000 funding to Kris Warren – (Murdoch) for a research project looking at tracking black cockatoos across forested areas in the Swan region</b>  <b>Birdlife Australia coordinated a Forest Black cockatoo symposium during 2014.</b>	
<b>List of recovery actions coordinated by Recovery Team</b> Detail under the headings below the recovery actions undertaken during the reporting period. Provide separate detail for each species/community against each action. For species/community-specific recovery teams, the generic activity types below can be replaced by the specific recovery actions from the recovery plan where appropriate.		
<b>Monitoring and survey</b> of existing and new populations/ occurrences, targeted surveys, critical habitat mapped etc. <b>Recovery actions 2, 9, 10, 11, 12</b>	Ron Johnstone and Tony Kirkby from the Western Australian museum continue to monitor Baudin’s and Forest red tail black cockatoo known breeding and roost sites across the greater SW. Parks and Wildlife staff regularly report and record sightings of the forest red tail and Baudin’s cockatoo. Sightings are reported by members of the public.  Concerned raised by the members of the recovery team regarding numbers of sightings, records of numbers at known roosts and nesting sites (Baudin’s in particular) – appears to be a dramatic reduction in numbers.  Expansion of the Great Cocky Count which collects sightings and roost/flock information on all 3 Black cockatoo species across the greater SW.  Birdlife Australia applied for Lottery West funding – Cockatoos in Crisis, supported by Parks and Wildlife and the WA Museum.	



<p><b>Threat amelioration</b> eg weed control/mapping, fencing/ repairs, fire management disease management, feral/ introduced animal control, installation of roadside markers <b>Recovery actions 2, 3, 4, 5, 7</b></p>	<p>Parks and Wildlife staff conducted investigations into reported shooting of Baudins in orchards and continue to visit orchards and issue damage licences to scare where Baudin's cockatoos are impacting on fruit growers.</p> <p>Discussions commenced with Department of Agriculture and Food regarding the removal of Baudins Cockatoo from the Declared Pest list.</p> <p>Discussions with Western Australian Forest Alliance and the Department regarding stopping the commencement of timber harvesting and the conserving Helms forest block for Black cockatoo habitat.</p>
<p><b>Conservation and research</b> e.g. fire research, translocation, ex-situ conservation, revegetation/rehabilitation etc <b>Recovery actions 1, 2, 4, 6, 7, 8, 9, 10, 11, 12</b></p>	<p>Parks and Wildlife continue to contribute to a netting trial with the Department of Agriculture and Food to demonstrate the business case for netting orchards, from water savings, hail protection, sunburn protection for fruit and also protection from bird damage. This is a 3 year trial at an orchard in the Manjimup region.</p> <p>A number of funding proposals submitted but not successful. Urgent work required to determine the current population size for the species and the key areas of habitat.</p> <p>Alcoa Australia, UWA and Parks and Wildlife seeking to have the Myara site identified as a Fauna Habitat Zone under the Forest Management Plan and Alcoa have agreed to exclude the site from mining.</p> <p>Ongoing research to investigate the functional habitat requirements of forest black-cockatoos by Mike Craig (UWA/Murdoch)</p> <p>Kris Warren – Murdoch University was successful in obtaining funding for her Cockatoo tracking study. Kris continues to negotiate, with support from Parks and Wildlife, with a development company and offset package to expand this tracking study.</p> <p>Valuing Birds PhD Thesis authored by Gill Ainsworth was published. This looked into the discrepancy in funding allocation, research and general perceptions between Baudin's and Carnaby cockatoos. Copy attached.</p> <p>Parks and Wildlife supported Murdoch Universities ARC Linkage grant application, for tracking of Forest Black cockatoos and identification of critical habitat</p> <p>Presentation of research into Raven attack and metabolic bone disease in black cockatoos by the Perth Zoo.</p>
<p><b>Liaison, education/provision of advice</b> e.g. promotional material inc newspaper/ magazine articles, liaison with land managers/ owners, input to</p>	<p>Educational material on Cockatoos in Orchards and The use of Roadsides by Cockatoos have been updated.</p> <p>Ongoing liaison with Department of Agriculture and Food and fruit</p>

<p>impact assessment, development of specific management plans, volunteers assisting with surveys/ monitoring etc.</p> <p><b>Recovery actions 13</b></p>	<p>growers regarding protecting against bird damage.</p> <p>Fauna Note – Alleviating the impact of roads on native fauna was updated and print versions made available to the public as well as being placed on the Departments website.</p> <p>Forest Black Cockatoo Symposium was held in 2014. Parks and Wildlife assisted with the coordination of this event. Symposium published outcomes are attached.</p>
<p><b>Land use/tenure changes</b> e.g. covenants, acquisitions, changes in land use or listed purpose etc.</p>	<p>Ongoing Liaison with the Commonwealth regarding possible offset land purchases for developments on the Swan Coastal Plain which are impacting on red tail black cockatoo habitat.</p>
<p><b>Conservation status reviews for taxa/TECs</b> e.g. nominations for additions, deletions or change in status to state threatened or priority lists; changes to EPBC list</p>	<p>Recovery team in 2013 commenced a review of the conservation status of Baudin's and Forest red's. This is still ongoing with more data on current population required.</p> <p><i>Calyptorhynchus baudinii</i> Lear, 1832 (Aves, CACATUIDA): proposed conservation of usage by designation of a neotype; Johnston, Fisher and Saunders was published in 2104.</p>
<p><b>Recovery plans</b> e.g. recovery plans/ IRPs drafted, approved, reviewed or updated</p>	<p>Recovery Plan is still current.</p>
<p><b>Other actions completed</b></p>	<p>Ongoing discussions with educational institutions regarding research opportunities and projects.</p>



Ainsworth 2014 FBC Symposium &  
Valuing Birds PhD TheWorkshop Proceeding

170

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### Case 3658

#### ***Calyptrorhynchus baudinii* Lear, 1832 (Aves, CACATUIDAE): proposed conservation of usage by designation of a neotype**

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**Abstract.** The purpose of this application, under Article 75.6 of the Code, is to conserve prevailing usage of the species names *Calyptrorhynchus baudinii* Lear, 1832 and *Calyptrorhynchus latirostris* Carnaby, 1948, long established for two endemic cockatoos in southwestern Australia (Lear, 1832). The whereabouts of the holotype of *C. baudinii* Lear, 1832 (Baudin's Cockatoo) was previously unknown and the identity of Lear's (1832) figure was established by Saunders (1974). The holotype has been located at the National Museums Liverpool in December 2010 and found to be conspecific with *C. latirostris* Carnaby, 1948 (Carnaby's Cockatoo). The resulting nomenclatural shift would destabilise the long established usage of these names and confound past and future references to the names in the literature. To conserve the long established use of *baudinii* Lear for the distinct long-billed, Baudin's Cockatoo, and to maintain *latirostris* Carnaby as the valid name for Carnaby's Cockatoo we propose that the type of *baudinii* Lear, be set aside and replaced with a neotype of a specimen of Baudin's Cockatoo.

**Keywords.** Nomenclature; taxonomy; CACATUIDAE; *Calyptrorhynchus baudinii*; Baudin's Cockatoo; *Calyptrorhynchus latirostris*; Carnaby's Cockatoo; Australia.

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1. Two species of white-tailed black cockatoo – Baudin's Cockatoo (*Calyptrorhynchus baudinii* Lear, 1832, unnumbered plate) and Carnaby's Cockatoo (*Calyptrorhynchus latirostris* Carnaby, 1948, p. 137) – are endemic to the south-west of Western Australia. The two were only recognised as separate species in 1979 (Saunders, 1979). First discovered by the Baudin Expedition, probably in the vicinity of Cape Naturaliste, Western Australia in 1801 and its consequent supposed illustration and naming by Edward Lear in 1832, Baudin's Cockatoo has been known as *Calyptrorhynchus baudinii* Lear, 1832 (e.g. Gould, 1865; Salvadori, 1891 and Mathews, 1913).