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## Dates for the diary:

### Next Meetings:

22 June 2020                      27 July 2020

### Upcoming Trips:

5 July 2020 Julimar Jaunt

Trip Leaders: Barry & Francesca Price

25 July 2020 Christmas in July Lunch  
Members only

8 – 17 August 2020 Mt Augustus

Trip Leaders: John & Debi Marten

30 August 2020 Wandoo Wildflowers

Trip Leaders: *Needed!*

26 Sep – 5 Oct Ravensthorpe

Trip Leaders: Tony & Carole Allender

11 October 2020 Moondyne Country

Trip Leader: Diane Court

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Freedom All Wheel Drive Club is a family oriented 4WD Club for drivers of Compact and Standard 4WDs.

Monthly Meetings are held on the fourth Monday of each month at the Manning Senior Citizen's Centre, 3 Downey Drive Manning. Contact us via email at [info@fawdcwa.com](mailto:info@fawdcwa.com)

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## President's Report

G'day everybody.

This month has seen us off to a good start, "post COVID19". We have held our first general meeting and headed out on our first trip since the shutdown.

Our meeting had to be restricted to 20 members, and our next meeting on the 22 June will also need to be restricted, but this time we will be able to have more people, and in fact nearly as many as there are club members. With a few folk away on trips and always a few who are unable to make it, we will probably not have to turn anybody away.

The trip to Boyagin Rock, led by Jason, had a good turnout of both club members and visitors, many of whom were completing their required trips to become full members.

We wish Andy and Linda and those accompanying them all the best on their Karajini Adventure and look forward to an exciting report on their return.

I know the Secretary has sent out reminders about membership, but I'll repeat it here - membership forms and payment must be received by the end of this month.

Now we are back on track, let's keep up the momentum. See you all at the meeting and hopefully at Barry's Julimar Jaunt early next month. Until then keep the rubber on the ground.

Tony Allender

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## Snippets from the Editor

Hello Everyone. Well it's grand that we are able to be out and about again - we even have members north bound to Karajini NP as I write. Next edition we will have a trip report from Boyagin Rock! This month is a shorter edition than previously, but good job its digital – there are so many hyperlinks it wouldn't work as a paper issue! Enjoy.

Diane Court  
Newsletter Editor  
[possumcourt@gmail.com](mailto:possumcourt@gmail.com)



## Member Profile

### Barry & Francesca Price

**Vehicle:** Toyota Prado

We joined FAWDCWA at the beginning of 2019. We had previously been members of the Ford Fairlane Club, the BMW Club, and are currently active members of the Mercedes Benz Club of WA. FAWDCWA is giving us the most enjoyment as the drives are challenging since we are new to the 4WD scene. The club outings are the most satisfying times we have had together when on four wheels. Our vehicle is a thirsty 2010 automatic petrol Pajero. It is a work in progress as we slowly increase its off-road capabilities.

Francesca works at a high school and is an avid reader.

She has often informed me the movies she sees are not as good as the book. I do not have this problem as

I do not read the books. Francesca is also a doting grandmother but unfortunately our two grandchildren are on the other side of Australia. This has led Francesca to embrace technology (Skype) to experience facetime.

I have always loved the bush and joining a 4WD club was a logical move after finishing 35 years in the Army Reserve. During the week I work as a senior chemist and research officer and on weekends volunteered time (before the virus struck) as a member of St John Ambulance.

Joining this club gave us a common interest and a chance to spend more time together and we look forward to the monthly outings with friendly like-minded people. We are eagerly anticipating our trip to Dirk Hartog Island next year in the company of club members who will gain invaluable experience in recovering a Pajero.



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## Answer: Header May 2020 Newsletter

Wedge Island 2015.

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## Creature Report:

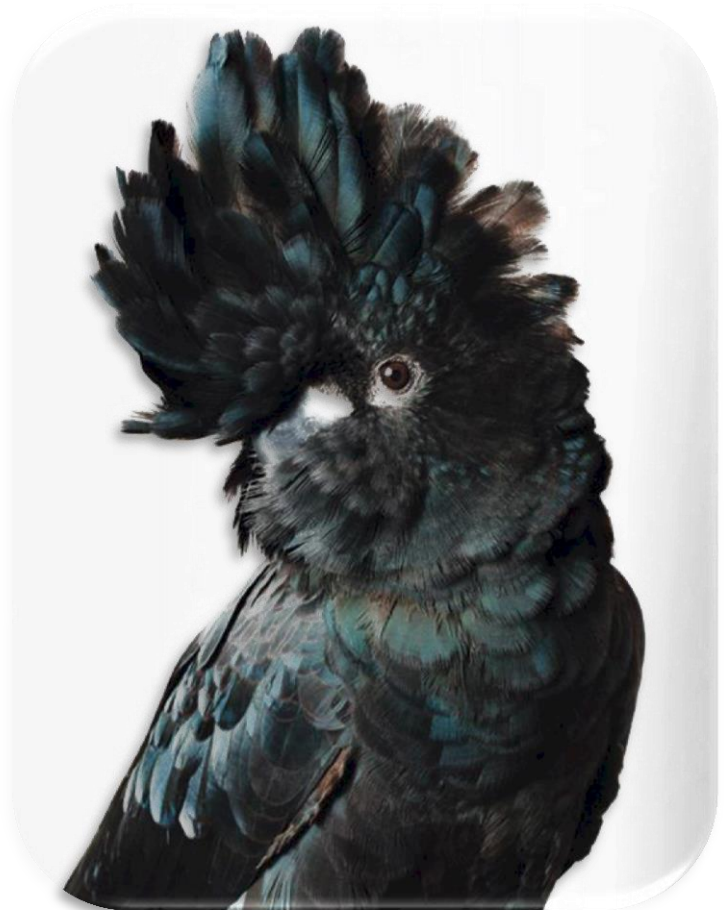
### Black Cockatoos

*(Calyptorhynchus latirostris, , Calyptorhynchus baudinii, Calyptorhynchus banksia)*

Written by Diane Court

In the South West of Australia we have three iconic and endangered large bird species – the black cockatoos. our species are Carnaby's Black Cockatoo, Baudin's Black Cockatoo and the Forest Red-Tailed Cockatoo. Their scientific species name *Calyptorhynchus* comes from the Greek words *calypto* meaning 'cover' and *rhynchos* meaning 'snout' which roughly translates to mean 'covered beak'. Thus when you see them with their crests up all their feathers come forward and really do cover their beaks. The black cockatoos were once so populous that flocks of them 'darkened the sky', however, shooting/ predation, habitat loss and motor vehicles have diminished their numbers such that they are now listed as endangered. They are large birds with wingspans of more than a metre and are known for their beautiful appearance, raucous calls, social behavior and eating orchardists' crops.

These long lived birds (up to 50 years in the wild and 70 years in captivity) are monogamous and slow breeding, which with a high mortality rate has contributed to the dramatic drop in population numbers. They nest in large tree hollows which can only be found in trees over 100 years old. The birds return to the same location to breed each year. The female chooses the nest site, and they raise 1-2 young. These young can be predated by creatures gaining entry to the nest hollow or they can be taken for the illegal wildlife trade. This activity often involved chopping down the tree, therefore losing another breeding site. Usually the egg is incubated solely by the female who relies on the male to



*Calyptorhynchus*. Image with permission [www.cleanpng.com](http://www.cleanpng.com)





feed her and the chick. The chick stays in the nest for about three months before fledging (flying for the first time).

All our cockatoos are found in forests and woodland of some description, although the type of nuts eaten varies between species. You can usually tell when a flock of cockatoos has been through an area by the large quantity of shredded eucalypt nuts lying on the ground. Did you know that most Black Cockatoos are left footed? It is very unusual to see one holding its food in the right foot. Fifty years ago Carnaby's Cockatoos were not seen in urban Perth, however, habitat loss forced them into the city where they discovered the tasty pine plantation at Gnangara. The loss of that food source with the cutting down of the plantation was a blow to the cockatoos and a population decrease has been noted by Birdlife WA. Yanchep NP is now a hotspot for the cockatoos due to the abundance of pines and eucalypts, however, these were ravaged by bush fire in early 2020, so the things are looking grim. Red-tailed blacks have also migrated northwards into new areas seeking food sources. They have adapted to Jacarandas and quite like those!

Black Cockatoos are often subject to road trauma as they drink from puddles on the side of the road. These birds have large wingspans of more than 1 metre, and as all birds must take off into the wind to get airborne, if a motor vehicle/ truck/ 4WD is in their flight path it does not end well for the bird. Perth Zoo plays an important role in providing veterinary care for injured birds - survivors are then passed on to organizations like [Kaarakin Black Cockatoo Recovery Centre](#) and [Native Animal Rescue](#) for ongoing rehabilitation and hopefully [release](#) back in to the wild. Various organizations have tried to help out

the black cockatoos and there is a ray of hope. Since the 1980s man-made [artificial nesting boxes](#) have been placed into known breeding areas, and these have been so successful (particularly the PVC style nesting boxes) that breeding rates have increased (as reported by BirdLife WA). In fact the females prefer the PVC boxes! Females have a white beak and the white-tailed blacks also have a larger, white cheek patch. Males have black beaks and larger crests. There are other differences across the three species, so if you are interested you can read more [here](#). Although we tend to take these birds for granted I hope this article has interested you and that you will look at them differently next time we encounter them when out and about.

Information sourced from [Perth Zoo](#), [Birdlife WA](#), WA Museum, [Kaarakin](#), the Australian Bird Guide, CSIRO First Edition



*Male, Forest Red-tailed Black Cockatoo*



*Carnaby's Cockatoos:  
Courtship behaviour in the Stirling Ranges  
(Female left, male right)*



## Where Am I?

Answers at end of this newsletter.

Correction: Last month the photo on left was IDed as Moora, it is Lake Ballard.



*If you boil  
a funny bone  
it becomes a  
laughing stock.*

*That's humerus.*



*I used to wonder  
what it'd be like  
to read other  
people's minds.  
Then I got a  
Facebook  
account and now  
I'm over it.*







We wish happy birthdays to:

**Michael Tai**  
*27 June*

**Barry Price**  
*18 July*

**Dayne Barrett**  
*23 July*



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## Citizen Science: Cocky Watch

If you like being the eyes and ears for scientific research in Australia the Citizen Science Projects are for you. Keeping the Black Cockatoo theme going for a while the featured project this issue is Cocky Watch.

You can record your observations on foot or in the car, if your trip is longer than 20km. If doing in the car you definitely need two people. Your observations will increase the knowledge and understanding of the status of these birds. Here is the [link](#) to the project, which even has an instructional video.

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## Answers to Where Am I?

Holland Track 2016 trip

Congelin Dam, Drynandra

Stockyard Gully 2019 trip

This morning I saw a neighbor talking to her cat, it was obvious that she thought her cat understood her... I came to my house, I told my dog ... we laughed a lot.

Wife: "The car is not starting. Dashboard shows the sign of a person sitting on toilet."  
Husband: "What...??  
Send me a picture."



# Puzzle Page

Word Search (print this page and do manually or [download](#) this file and do in Word). Answers [here](#).

## WORDSEARCH - PLACES TO GO

A	L	E	N	A	M	E	N	A	L	L	A	N	S	E
N	E	B	O	B	U	R	G	E	R	E	U	E	L	O
O	T	L	V	B	S	Q	A	A	S	G	G	S	O	N
S	O	O	R	O	E	F	S	G	P	N	U	L	O	Z
I	H	W	A	U	U	O	C	E	A	O	S	I	P	Y
H	O	H	N	Q	M	P	O	R	C	W	T	R	A	I
C	C	O	R	U	M	H	Y	I	E	A	U	T	M	P
R	E	L	A	A	N	D	N	N	T	B	S	N	O	O
U	D	E	C	R	E	L	E	S	E	A	Y	Z	N	O
M	T	S	I	N	G	L	E	T	O	N	I	O	O	L
H	R	U	N	O	E	E	N	I	M	D	H	O	C	T
O	A	E	L	H	T	B	A	A	R	O	C	K	L	I
U	K	D	W	A	L	G	A	M	A	N	A	T	I	U
E	S	R	E	D	D	I	R	T	R	E	R	O	N	R
P	U	B	S	O	D	B	G	N	I	D	N	E	E	F

Abandoned

Art Deco

Augustus

Big Bell

Blowholes

Burger

Camp

Carnarvon

Eager

Fruit Loop

Gascoyne

Gold

Hotel

Kennedy Ranges

Mine

Monocline

Mt Singleton

Murchison

Museum

Nallan

Pool

Pub

Quobba

Red dirt

Rock

Space

Station

Stay

Walga

Zook