



Ngoolarks Forever

Topic 2: A Ngoolark Year

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Management Project***

A year in the life of a Carnaby's Cockatoo

What do Carnaby
Cockatoos need to
survive?

- Make a list of what
you think they need
over a year...



Habitat

- All animals need habitat to survive.
- Habitat is the natural home or environment of an animal, plant, or other organism.
- Habitat provides:
 - **Food,**
 - **Water,** and
 - **Shelter.**



Image © Karen Riley

Some animals need different habitat at different times

Turtles:

- Live in the water most of the time, but
- Need dry land to lay eggs.



Carnabys Cockatoos need:

- Breeding (nesting) habitat
- Foraging (finding food) habitat
- Roosting habitat



Carnabys Cockatoo

Noongar name

Ngoolark

Scientific name

Zanda latirostris





Breeding Season (July - December)

Ngoolarks need eucalypt woodlands with **tree** hollows

Baby Carnaby Cockatoos are usually born in a **nest** in the hollow of a tree,

that hollow is their **home** until they have 'fledged' (are ready for **flight**).

Time to fly!

When baby Ngoolarks have 'fledged' and are ready for **flight**, their mother and her **mate** fly with them and lead them to the coastal feeding grounds.



Image © Zoe Kissane



Image © Molly Spaulding

Non-breeding Season (January to July)

Ngoolarks are seen **flying** through the **sky** to coastal areas at this time

There is more **water** to drink, and more **nuts** and **seeds** to eat in these areas so it is better for foraging.

At the end of this season the parents will lead young Ngoolarks back to the breeding habitat.



Image © Molly Spaulding



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Roosting

In both breeding and non-breeding season Ngoolarks still need **habitat** for roosting.

Preening

Cockatoos are very social birds and can often be seen grooming (or preening) each other.

Allopreening is where one cockatoo will preen another.

This behavior is a form of social bonding.

Even though they have very large and powerful beaks they are incredibly gentle with them. You can really see the attachment between individuals,





Habitat Loss

Unfortunately, because humans have cleared so much nesting and feeding habitat sometimes a Carnaby Cockatoo family can return to an area to find that their home is **gone**.

Loss of habitat is one of the reasons the Ngoolark is endangered

Fill in the gaps

Use your new knowledge to fill in the spaces on this worksheet with the right words?

Write the words onto the spaces below and use them as the list for the word search on the next page.



Ngoolarks Forever: Carnabys Cockatoo Cloze

Complete the sentences to make the list of words hidden in the word search.

All animals need _____ to survive. Habitat provides _____, water and shelter. Some animals like the Carnaby Cockatoo need different habitat at different times. The Noongar name for Carnaby Cockatoo is Ngoolark. Ngoolarks live in eucalypt woodlands with _____ hollows for breeding between July to December, but are seen _____ through the _____ to coastal areas between January and July because there is more _____ to drink, and more _____ and _____ to eat.

Baby Carnaby Cockatoos are usually born in a _____ in the hollow of a tree, and that is their _____ until they have 'fledged' and are ready for _____. Their mother and her _____ fly with them and _____ them to the coastal feeding grounds, and back to the breeding habitat the next year.

Unfortunately, because humans have cleared so much nesting and feeding habitat sometimes a Carnaby Cockatoo family can return to an area to find that their home is _____. Loss of habitat is one of the reasons the Ngoolark is endangered.

Missing words:



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

Find the hidden words

- Use your word list to find and colour in the letters of the list words.
- When you have found all the words use the left over letters to discover the hidden message.

Once you have found and coloured in all the words, write down the *spare letters* and find the two hidden words

Hidden words: _____

Kahoot!

Test your class knowledge with this
Carnaby's Cockatoo Quiz

<https://create.kahoot.it/share/carnaby-s-cockatoo-quiz/6c6a1cba-347a-4757-8bc5-2e008d6034fc>

Ngoolarks Forever: Keep Carnaby's Flying



<https://www.murdoch.edu.au/research/hbi/carnabys>



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