



DIRK HARTOG ISLAND RETURN TO 1616

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Western Australia.*

We acknowledge the Malgana people as Traditional Owners of the lands and waters of Shark Bay (Gathaaguda) and pay our respects to their Elders past, present and emerging.





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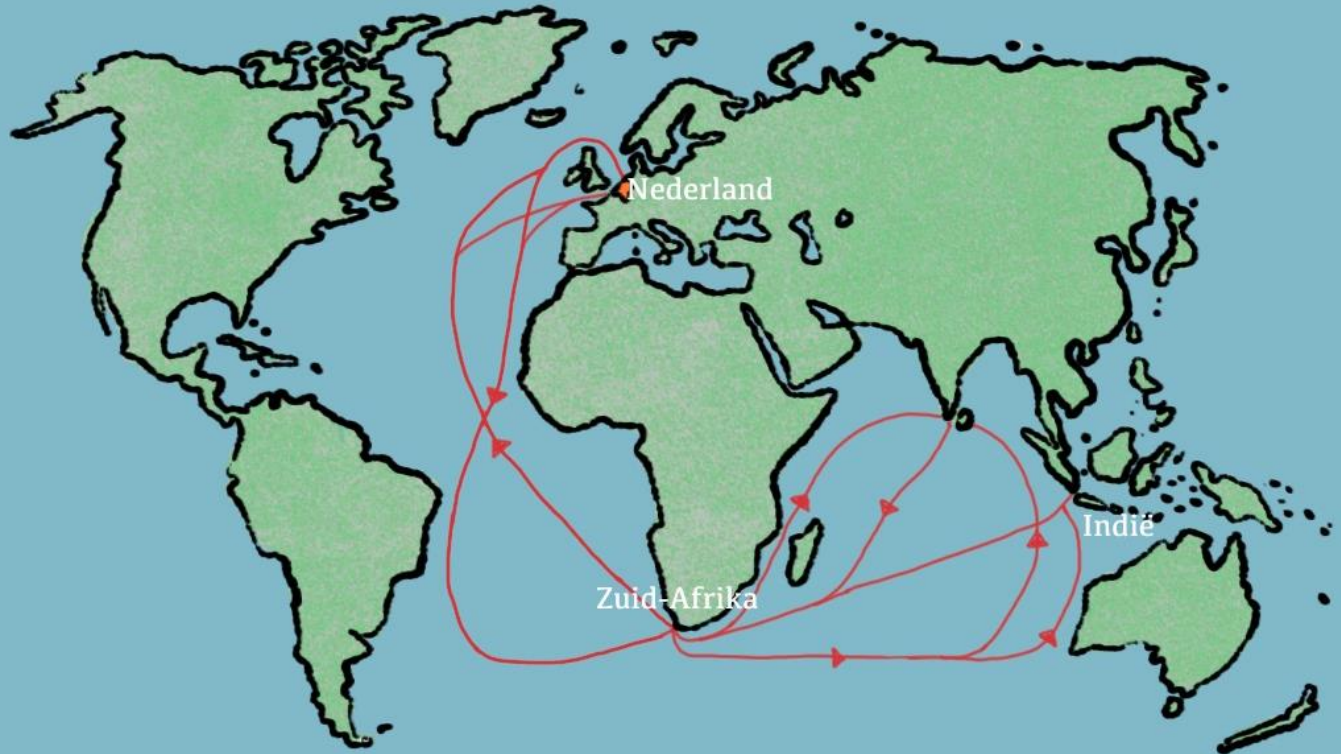


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*1616. On the 25th October the ship Eendracht of Amsterdam arrived here.
Upper merchant Gilles Miebaais of Luick (Liege); skipper Dirck Hatichs of
Amsterdam.*

On the 27th ditto we sail for Bantum.

Under merchant Jan Stins; upper steerman Pieter Doores of Bil.

In the year 1616.



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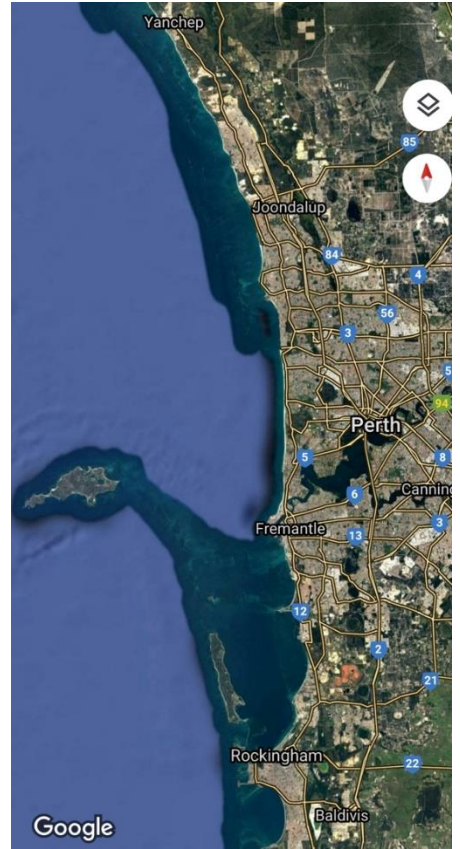


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A photograph of a rugged coastal landscape at sunset. The sky is a mix of orange, red, and yellow, transitioning into a dark blue sea. In the foreground, there are rocky cliffs and a large rock formation in the water with waves crashing against it. The text 'Why is there a need to reconstruct the fauna assemblage of Dirk Hartog Island?' is overlaid in white on a semi-transparent dark rectangle.

Why is there a need to reconstruct the fauna assemblage of Dirk Hartog Island?



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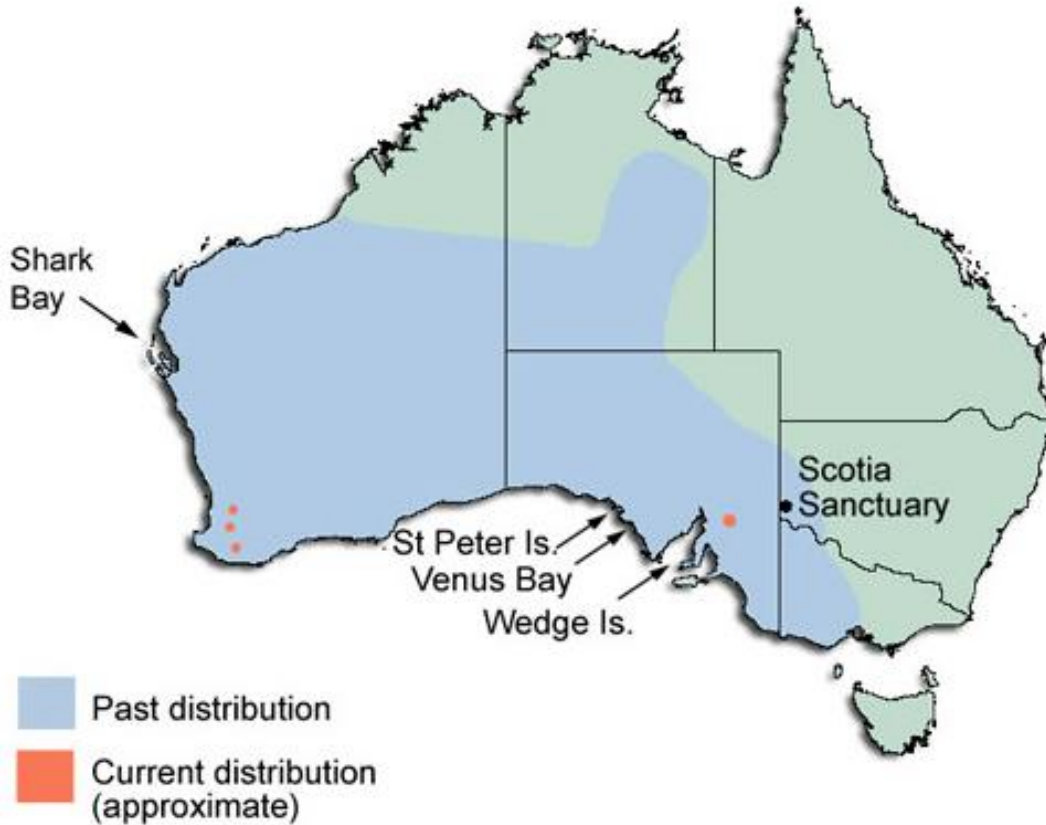
A photograph of a coastal landscape at sunset. The sky is a mix of orange, red, and yellow. In the foreground, there are dark, jagged rocks. In the middle ground, there is a prominent, layered rock formation that looks like a cliff or a natural archway. The ocean is dark blue with white foam from waves crashing against the rocks. The text '50 % of global mammal extinctions in the last 200 years have occurred in Australia' is overlaid in white on a semi-transparent dark rectangle.

**50 % of global mammal extinctions
in the last 200 years have occurred
in Australia**



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Eradication not feasible





'Judas'
goats





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Eradication not feasible



Destocking and eradication


2005-2016

> 5000 sheep removed



**Eradicated 2008-2017
~11000 goats removed**

**Fourth largest island
eradication in the world**



**Eradication 2014-2018
~440 feral cats removed**

**Largest island eradication
in the world**



STAGE II



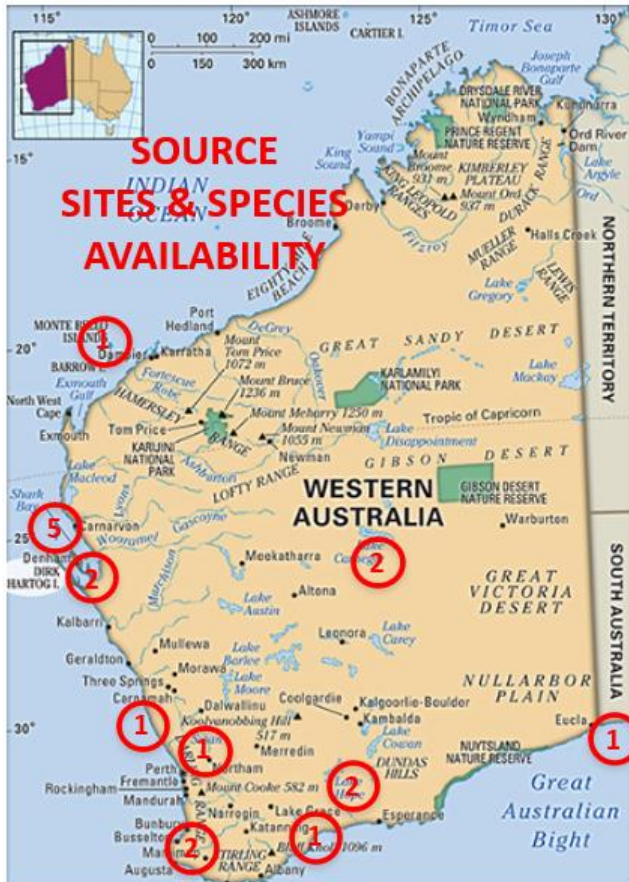
FAUNA
TRANSLOCATION
PROGRAM





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13 species

11 re-introductions

**2 conservation
introductions**



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BANDED HARE WALLABY

102 translocated 2017/18





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**RUFOUS HARE
WALLABY**
112 translocated
2017-19



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WOYLIE

Scheduled for
2023-25





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BOODIE

Scheduled for
2023-25





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SHARK BAY BANDICOOT

99 translocated 2019/20





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WESTERN GRASSWREN

Scheduled 2022





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NATIVE RODENTS



SHARK BAY MOUSE



80 translocated in 2021

DESERT MOUSE

Scheduled for 2023-25



GREATER STICK-NEST RAT



62 translocated in 2021

HEATH MOUSE

Need to find some first!





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THE PREDATORS





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DIBBLER

57 released
2019/20



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MULGARA

Scheduled for 2023-25



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CHUDITCH

Scheduled for 2025





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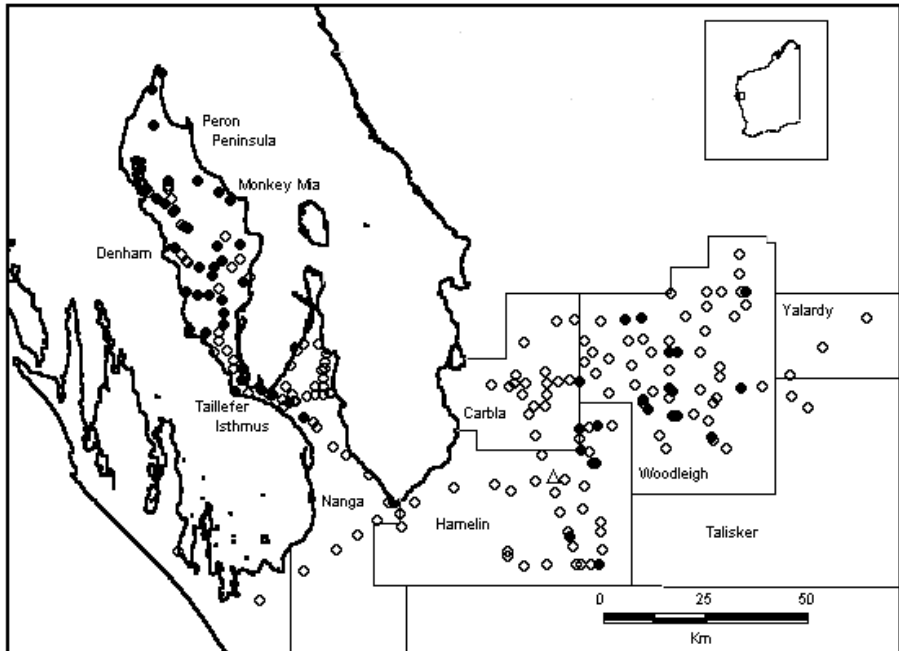
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RESEARCH PERSPECTIVES






Pre-translocation studies



From Brooker 2000



¡Que pasa!
¿Queires ir a la
isla Dirk Hartog
conmigo?

Excuse
me??



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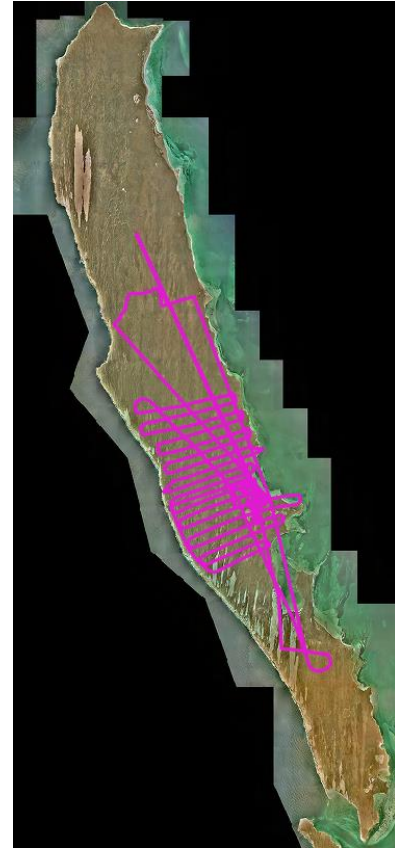
Translocation methods

*Monitoring survivorship &
dispersal*



Translocation methods

*Monitoring survivorship
& dispersal*





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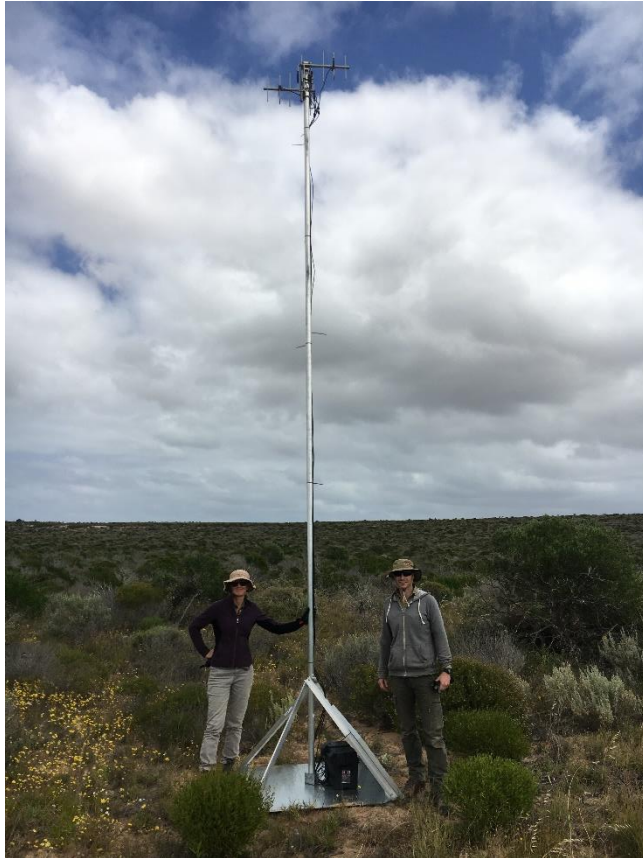


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Translocation methods

Monitoring survivorship & dispersal



Impact studies

'Ecological engineers'





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Impact studies

'Ecological engineers'





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KEY ACHIEVEMENTS 2020/2021



Shark Bay bandicoots

Translocations to DHI
completed

23 new recruits captured
during monitoring
sessions

Dibblers

Additional 31 translocated
to DHI from Perth Zoo

First evidence of breeding
on Dirk Hartog Island



Shark Bay mice

First 80 translocated to DHI

Survivorship of 8/12 collared & eight
additional uncollared animals





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Greater stick-nest rats

First 62 translocated to DHI & survival
of 13/15 collared animals

Nest construction underway





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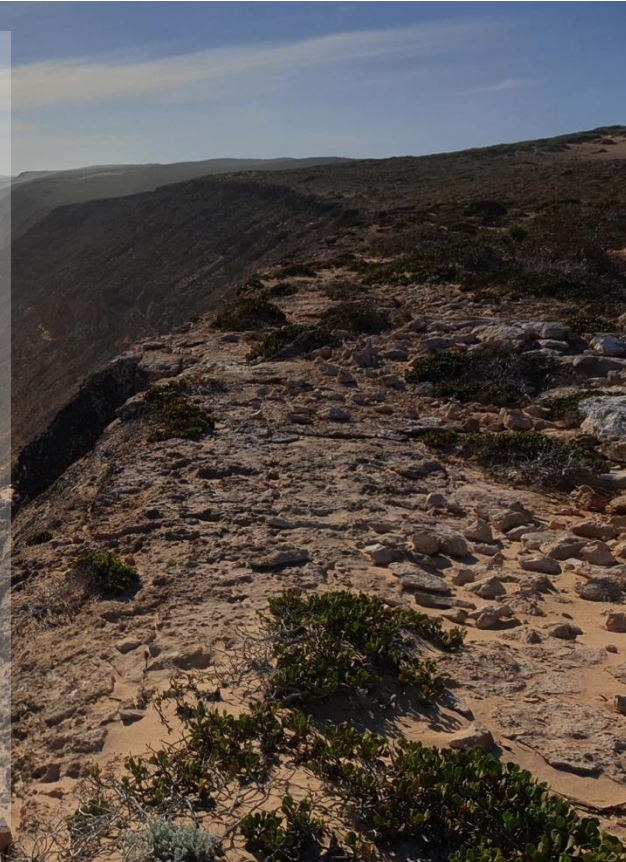
PLANS FOR 2021/22

Monitoring, monitoring and more monitoring!!!!

Third dibbler translocation

**Second Shark Bay mouse &
greater stick-nest rat
translocations**

**Western grasswren
translocation**





Acknowledgements

- Gorgon Barrow Island Net Conservation Benefits Fund
- Shark Bay World Heritage Committee
- Biodiversity & Conservation Science staff (DBCA)
- Shark Bay District & Midwest Region staff (DBCA)
- Malgana Traditional Owners
- The Wardle family and lodge staff
- Shark Bay Aviation
- Keshi Mer Expeditions
- Coral coast helicopters
- All of our fabulous students & volunteers!

Image credits

- | | |
|------------------|----------------|
| Shane Heriot | Tiarne Duselli |
| Michael Johnston | Linda Reinhold |
| Keith Morris | John Lawson |
| Linda Reinhold | David Paul |
| Aaron Greenville | Perth Zoo |
| William Riddell | Fiona Knox |
| Marika Maxwell | Paul Rampant |
| Julia Lees | David Algar |
| Colin Murty | DBCA |
| Jason McDonnell | |



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Dirk Hartog Island: Return to 1616

https://www.sharkbay.org/restoration/dirk-hartog-island-return- return to 1616

WORLD HERITAGE AREA - WESTERN AUSTRALIA CHANGE LANGUAGE

HOME ABOUT PLACES ADVICE NATURE RESTORATION HISTORY WORLD HERITAGE PUBLICATIONS CONTACT SEARCH SITE

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HOME > ECOLOGICAL RESTORATION IN SHARK BAY > DIRK HARTOG ISLAND: RETURN TO 1616

Return to 1616 is restoring the vegetation and habitats of Dirk Hartog Island to how Dirk Hartog would have seen them in 1616.

The island has experienced significant changes since Dirk Hartog landed there on 25 October 1616. Sheep and goats