

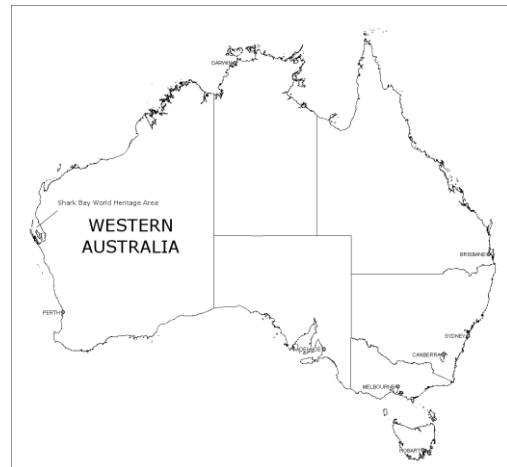
# Return to 1616

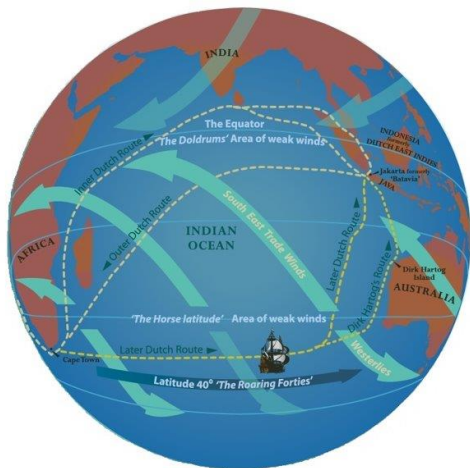
## Dirk Hartog Island National Park Ecological Restoration Project



# 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 and volunteers!





# Project overview

## Objectives

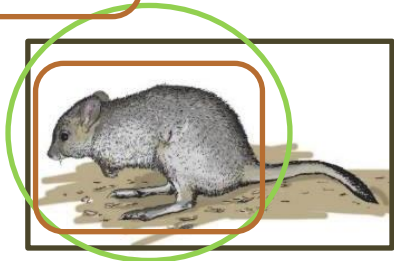
- 1) To improve the conservation status (reduce the risk of extinction) of several species of threatened and conservation dependent fauna.
- 2) To reconstruct a suite of terrestrial fauna, and **contribute to the ecological restoration and function of the island.**



# Stage 1



## Stage 2



# Fauna Translocations

- Suitable source sites
- Trapping and transfer to DHI
- Post-monitoring



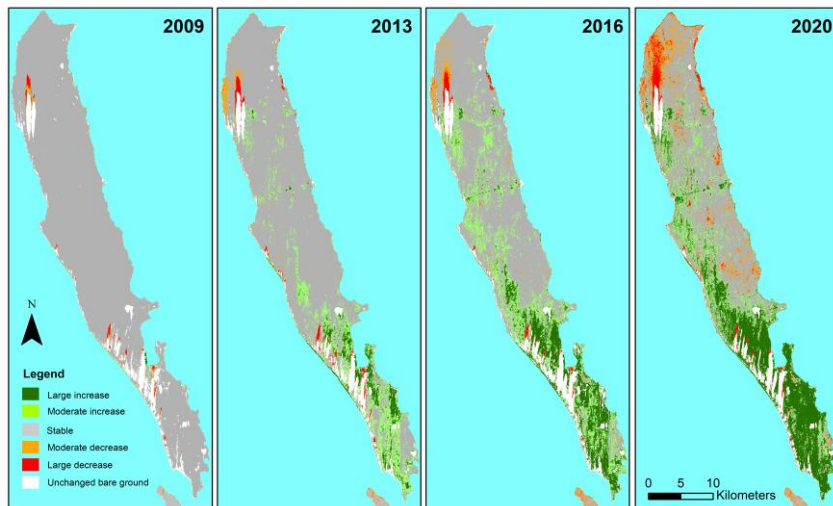


# Where are we at?

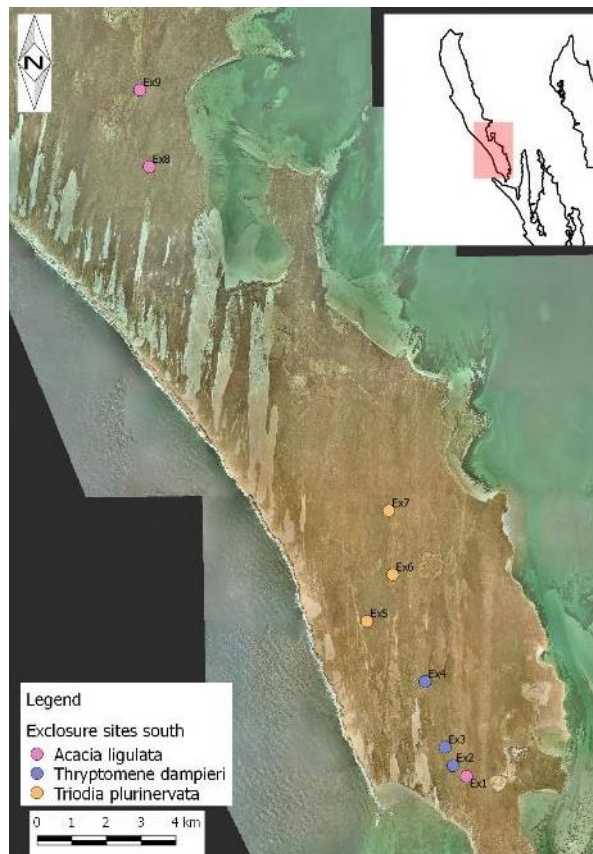
- 2 introductions – Banded and Rufous hare wallabies
- Shark Bay bandicoot
- Dibbler
- Shark Bay mouse
- Greater stick-nest rat
- Western Grasswren



# Vegetation monitoring



# Ecosystem changes



# Wildlife monitoring

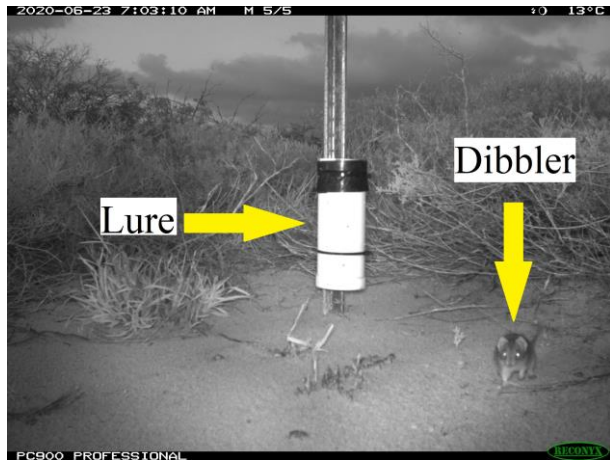
- Survival
- Population changes
- Genetics
- Distribution across DHI
- Diet
- Inter-specific interactions
- Health











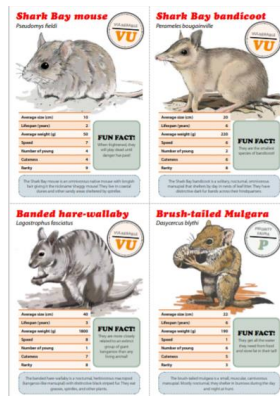
# Where to next?



# Education Resources

Available on [Sharkbay.org](http://Sharkbay.org)

- Free
- Lots of information:
  - Virtual tour
  - Card game
  - 3D activities
  - Colour ins
  - Fact Sheets



Discover Dirk Hartog Island National Park  
I'm a Shark Bay Bandicoot  
Colour me in!

# Securing the Future

- Before you leave home - prepare
  - Cleaning
  - Food packing
  - Pets to remain at home
- Travelling to the island
  - Vehicles
  - Boats
- On the island
  - No firewood or open fires
  - Drive slowly dusk to dawn





# Thank you!

- Welcome Packs
- DBCA websites - national park information
- Sharkbay.org for *Return to 1616* information

