



The challenges of managing threatened species translocations in remote landscapes Or “Island Hopping 101”



Saul Cowen, Colleen Sims, and Lesley Gibson – DBCA Biodiversity and Conservation Science



Translocations?

J Harris/DBCA



Keith Morris/DBCA



Bryony Palmer/DOC





DIRK HARTOG ISLAND
RETURN TO 1616



DIRK HARTOG ISLAND
RETURN TO 1616



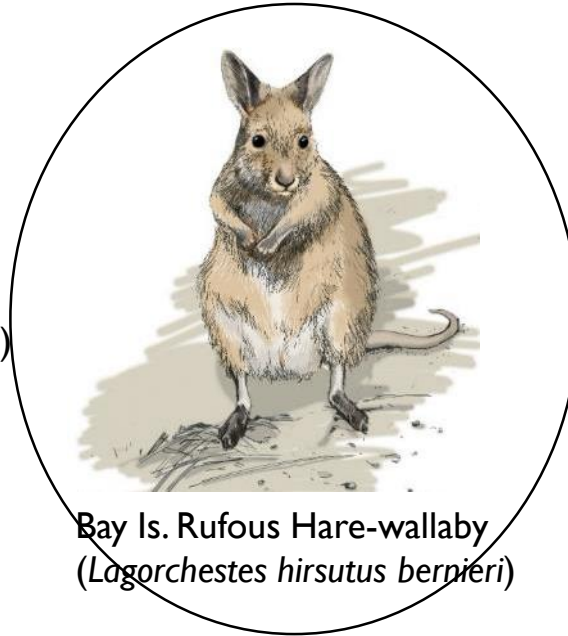
Remote landscapes – Bernier and Dorre Islands



Shark Bay Burrowing Bettong (Boodie)
(*Bettongia lesueur lesueur*)



Shark Bay Bandicoot (Little Marl)
(*Perameles bougainville*)



Bay Is. Rufous Hare-wallaby
(*Lagorchestes hirsutus bernieri*)



Shark Bay Mouse
(*Pseudomys fieldi*)



Banded Hare-wallaby
(*Lagostrophus fasciatus*)



Aline Gibson Vega/DBCA



Richard Manning



Claudia Buters/DBCA







Colleen Sims/DBCA

0 10 20 30 40 km



Climate

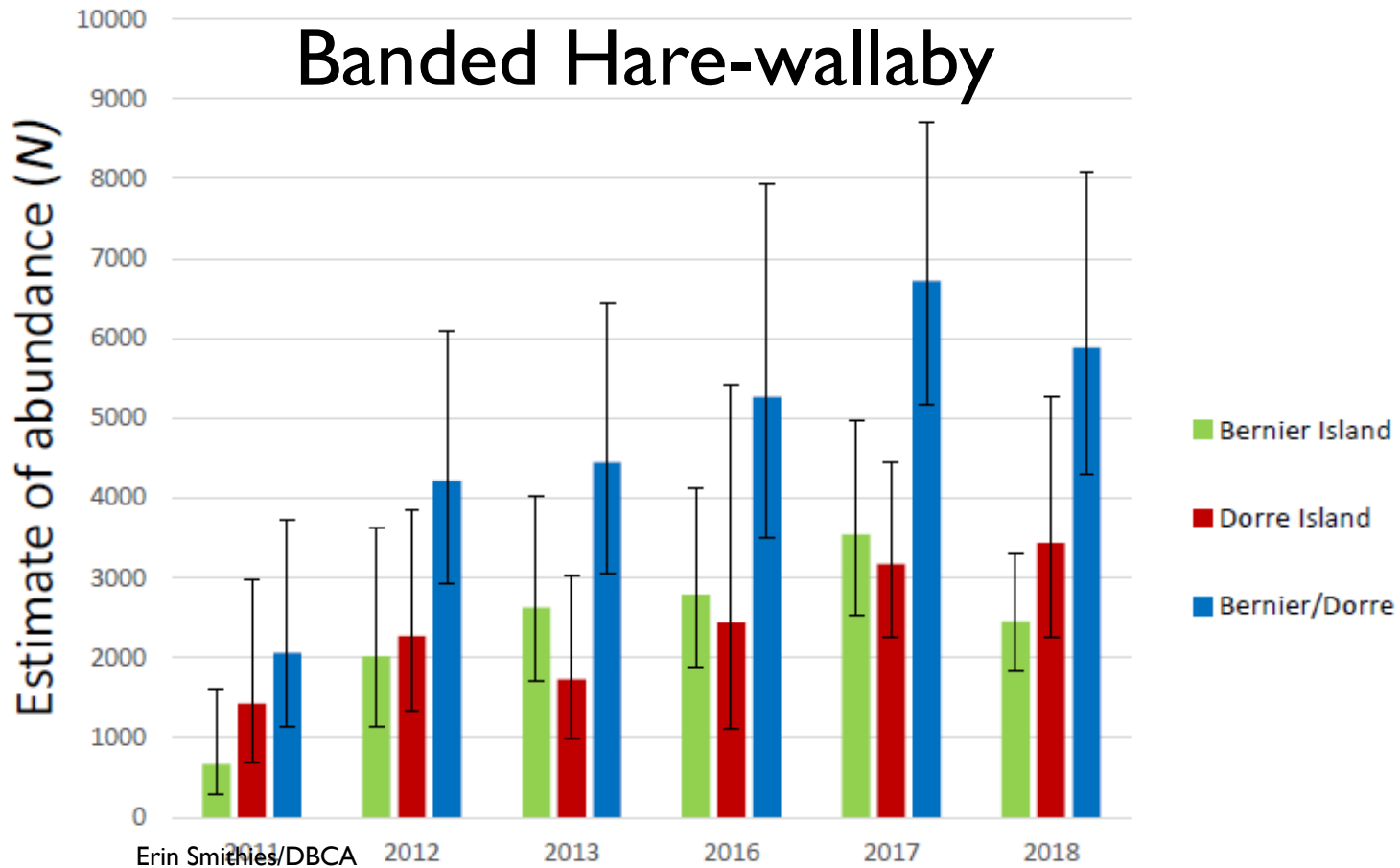


Rainfall (mm)

Vegetation cover %



Monitoring



Erin Smithies/DBCA

Leah Botton/DBCA

Disease and translocation stress





Department of **Biodiversity,
Conservation and Attractions**



DIRK HARTOG ISLAND
RETURN TO 1616

Colleen Sims/DBCA



Colleen Sims/DBCA

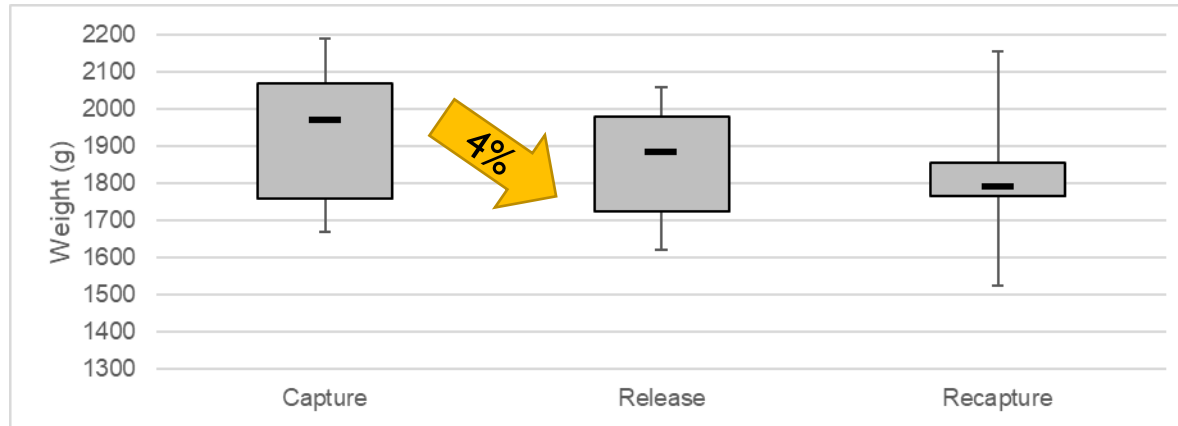


Nick Dutchon/DBCA



2017 – boat

BHW

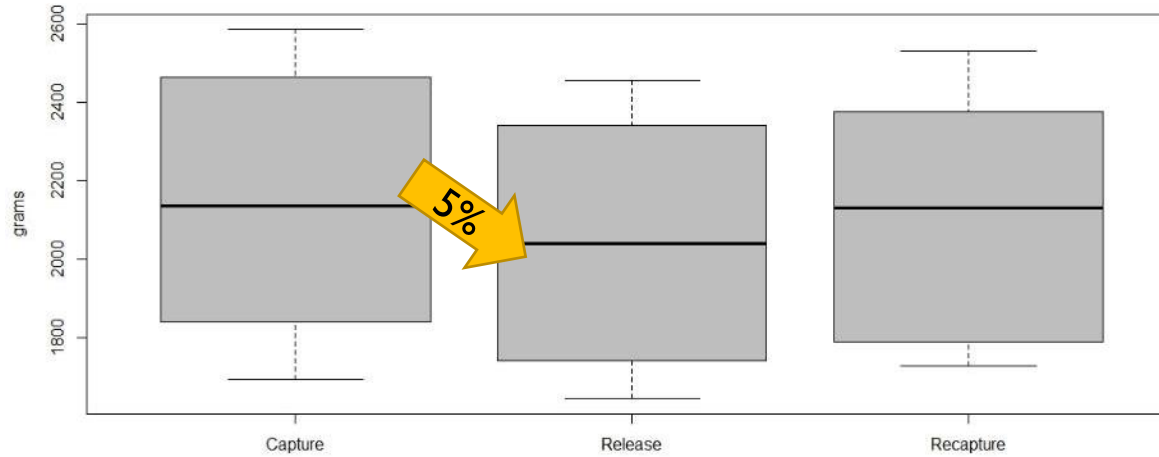


RHW

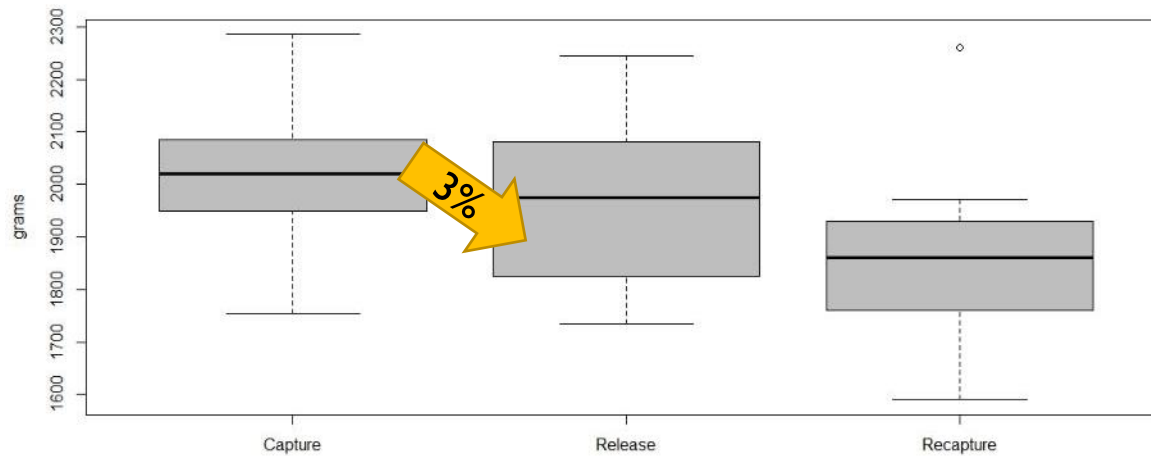


2018 – helicopter + Atropine









BHW



RHW



Acknowledgements

-  Biodiversity & Conservation Science staff (DBCA)
-  Shark Bay District & Midwest Region staff (DBCA)
-  Shark Bay World Heritage Area Committee
-  The Wardle family and DHI Eco-lodge
-  Andy Edwards and Keshi Mer II crew
-  Shark Bay Aviation
-  Coral Coast Helicopters
-  All our wonderful volunteers!

Gorgon Barrow Island
Net Conservation Benefits Fund

