

End User Applications

Dirk Hartog Island

'Return to 1616'

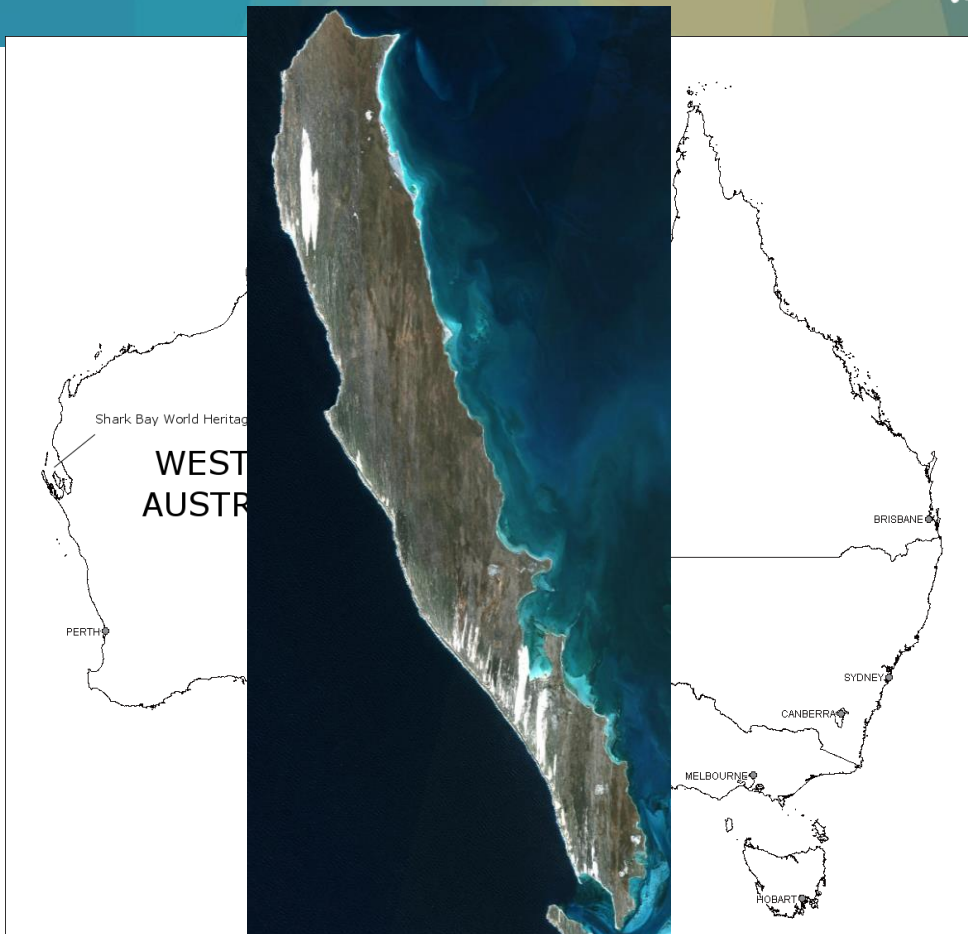


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@CowenSaul





Department of Biodiversity,
Conservation and Attractions



Biodiversity and
Conservation Science

*We're working for
Western Australia.*





Alex George



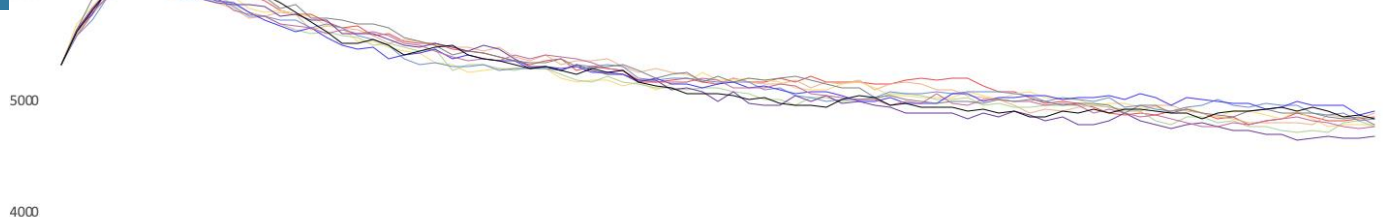
Main applications:

- Translocation planning
 - Population genetics
 - Population viability analyses
- Evaluating translocation success
- Novel monitoring methods
 - e.g. faecal DNA
- Reference libraries
- Immunogenetics



Tiarne Duselli/DBCA

Bernier Island



Northwest Island



Dirk Hartog Island



- | | | | | | |
|-----------------------|-------------------|-------------------|-------------------------|---------------------|---------------------|
| 1. N50-50(1) Bernier | 1. N50-50(1) NWI | 1. N50-50(1) DHI | 2. N100(1) Bernier | 2. N100(1) NWI | 2. N100(1) DHI |
| 3. B50-50(1) Bernier | 3. B50-50(1) NWI | 3. B50-50(1) DHI | 4. B100(1) Bernier | 4. B100(1) NWI | 4. B100(1) DHI |
| 5. N50-B50(1) Bernier | 5. N50-B50(1) NWI | 5. N50-B50(1) DHI | 6. N66-B33(1) Bernier | 6. N66-B33(1) NWI | 6. N66-B33(1) DHI |
| 7. B66-N33(1) Bernier | 7. B66-N33(1) NWI | 7. B66-N33(1) DHI | 8. N80-B30(1) Bernier | 8. N80-B30(1) NWI | 8. N80-B30(1) DHI |
| 9. N80-B40(1) Bernier | 9. N80-B40(1) NWI | 9. N80-B40(1) DHI | 10. N100-B40(1) Bernier | 10. N100-B40(1) NWI | 10. N100-B40(1) DHI |

Greater Stick-nest Rat (*Leporillus conditor*) (Vulnerable)



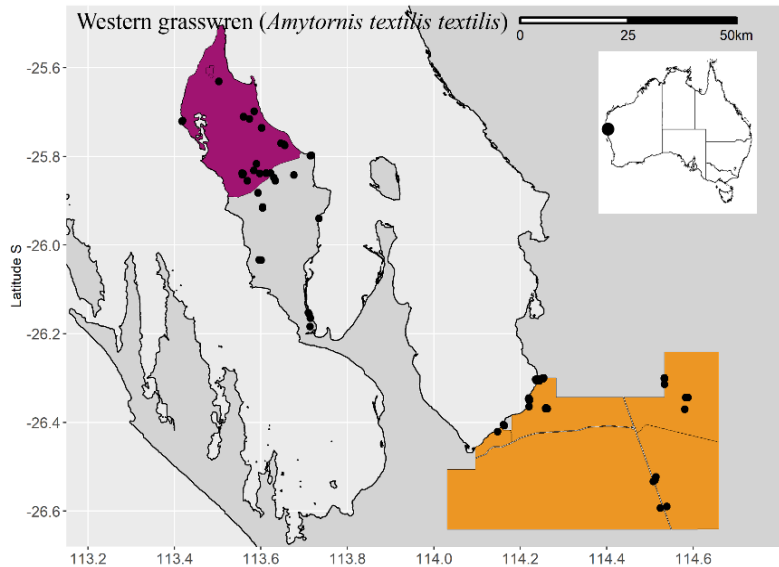
Linda Reinhold/DBCA

Shark Bay Bandicoot (*Perameles bougainville*) (Vulnerable)

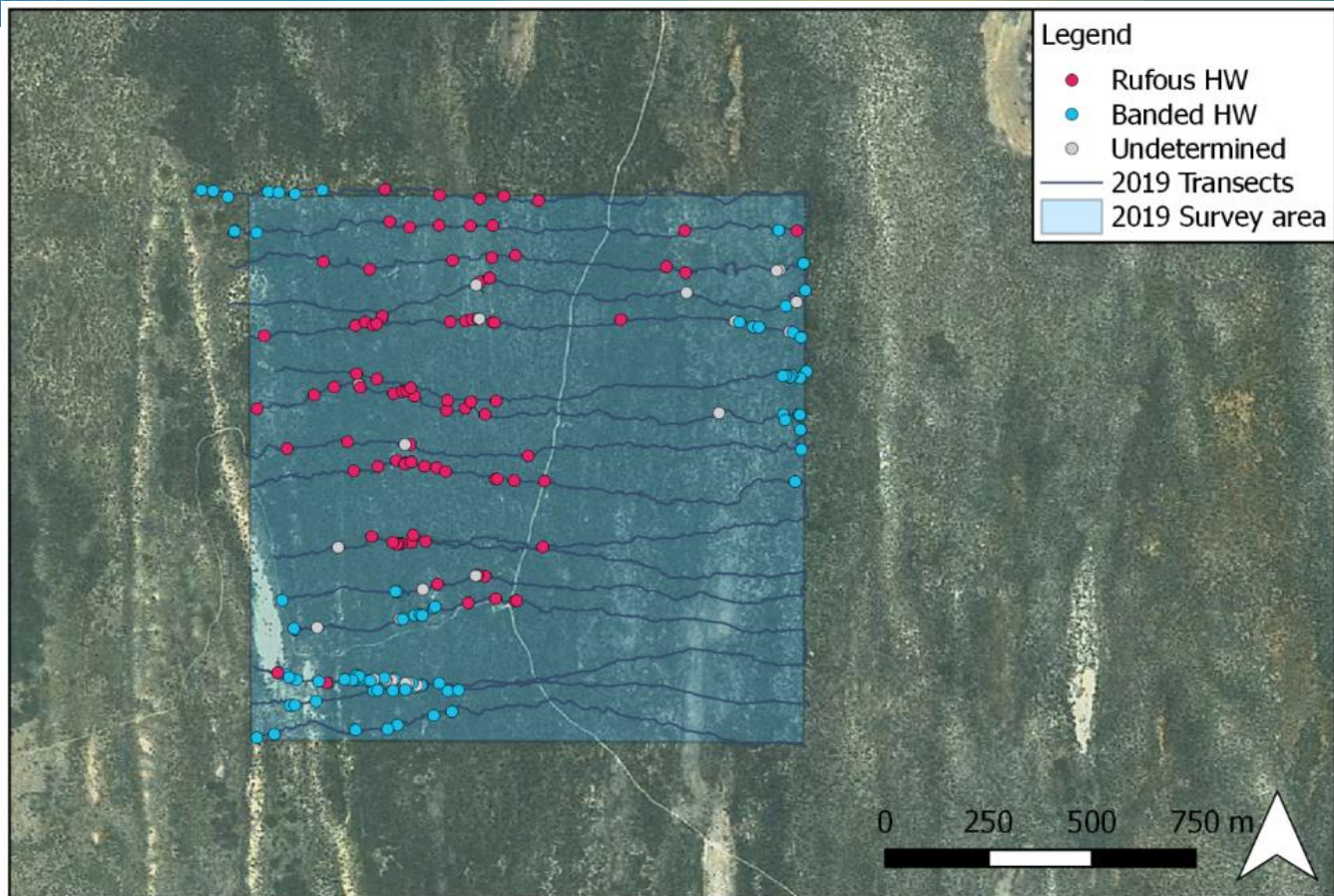


Kelly Rayner/DBCA

Western Grasswren (*Amytornis textilis textilis*) (Priority Four – Western Australia)



(from Gibson Vega et al. (in prep.))



Acknowledgements

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-  Australian Wildlife Conservancy and Bush Heritage

Gorgon Barrow Island
Net Conservation Benefits Fund

