



# Motuhara Seabird Research: January 2021 field trip

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# Acknowledgements

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- Motuhara is Maori Freehold Land, and this work has been carried out in partnership with the island owners



# Field trip

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- Team of two
- January 19 to January 31 2021
- Island in good condition (with little effects of recent prolonged dry weather in the Chatham's)



# Northern Royal albatross

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Two study plots established and birds colour banded (engraved darvic rings)

Study colony	Study nests	One partner banded	Two partners banded
Tuamata	101	14	87
Māwake	100	21	79
Total	201	35	166



# PTT Deployment

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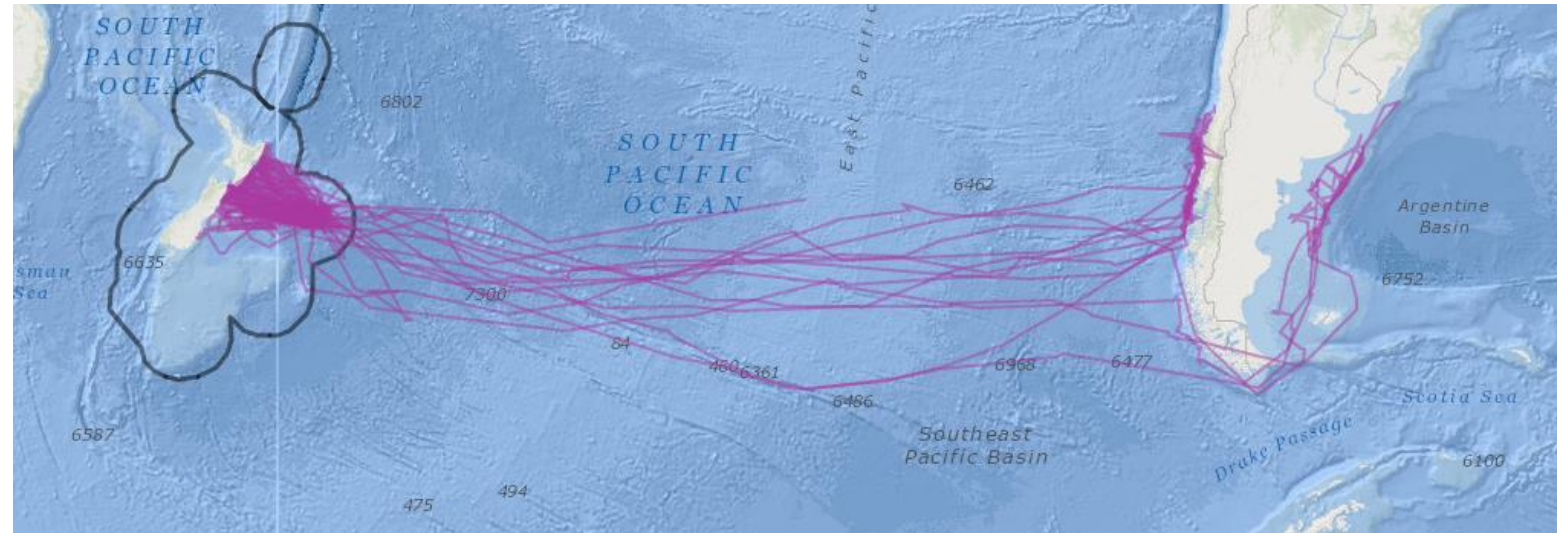
30 PTT trackers deployed



# Results – DOC shiny app

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- Interactive maps, and data download available online



# Sightings and recoveries

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# Static camera deployment

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Five cameras set up covering  
breeding areas





# Aerial survey grids

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Five aerial survey grids (20 x 20m) set up and counted

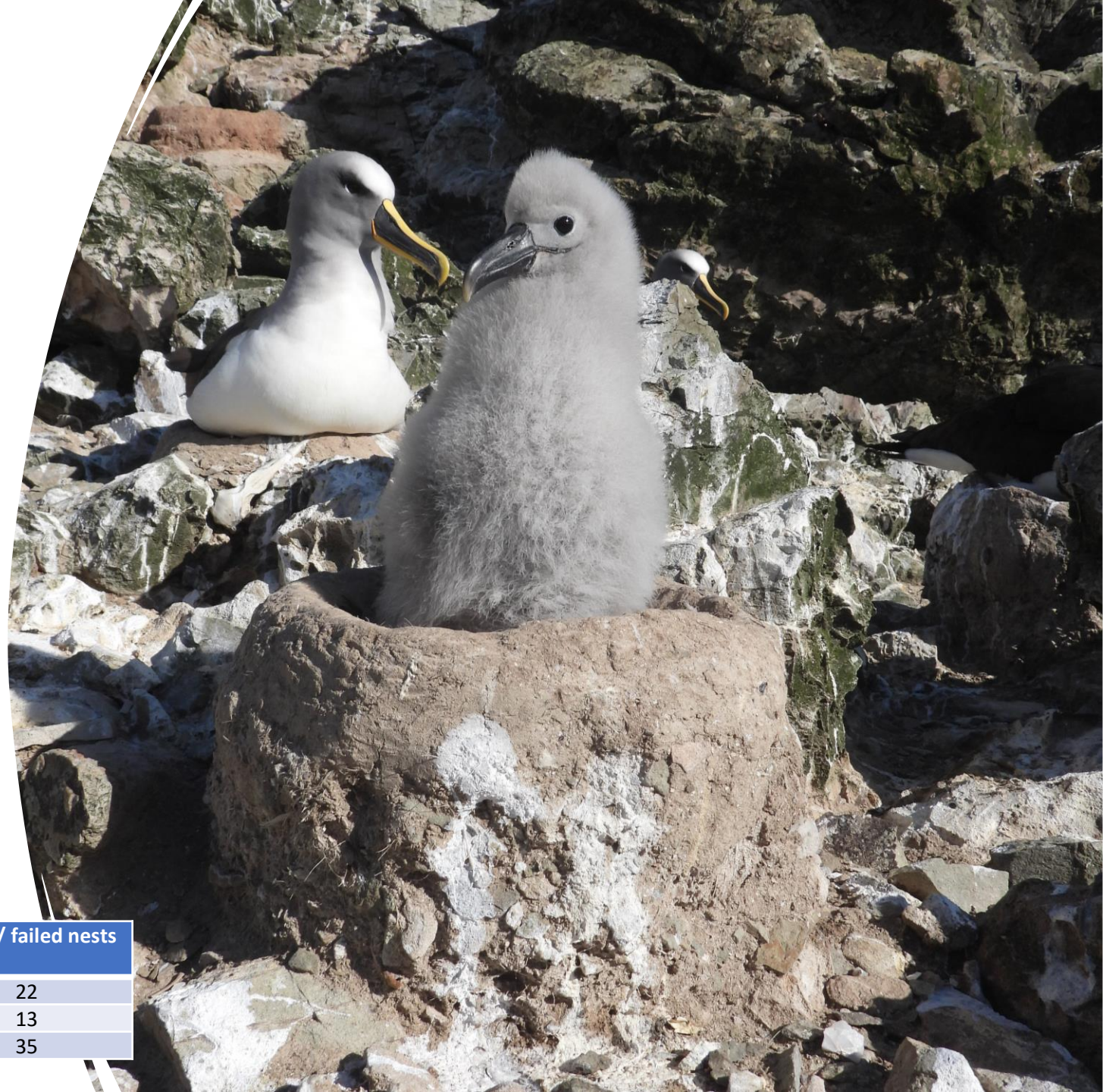


# Buller's Mollymawk

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Two study plots established  
and birds colour banded  
(engraved darvic rings)

Study colony	Study nests	One partner banded	Two partners banded	Empty/ failed nests
Hopuni	100	26	52	22
Roto	104	12	79	13
Total	201	38	131	35



# GLS deployment

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- 55 GLS devices deployed
- Retrieval planned for Dec 2021



# Aerial survey grids

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- 5 existing grids counted
- 5 new grids counted (10 x 10m)



# Static camera deployment

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Five cameras set up to cover  
breeding areas



# Northern Giant petrel

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- Chick banding -
- 450 near fledged chicks banded
  
- Static camera deployment -
- 2 cameras set up – difficult to find areas which cover multiple nests



# PTT deployment

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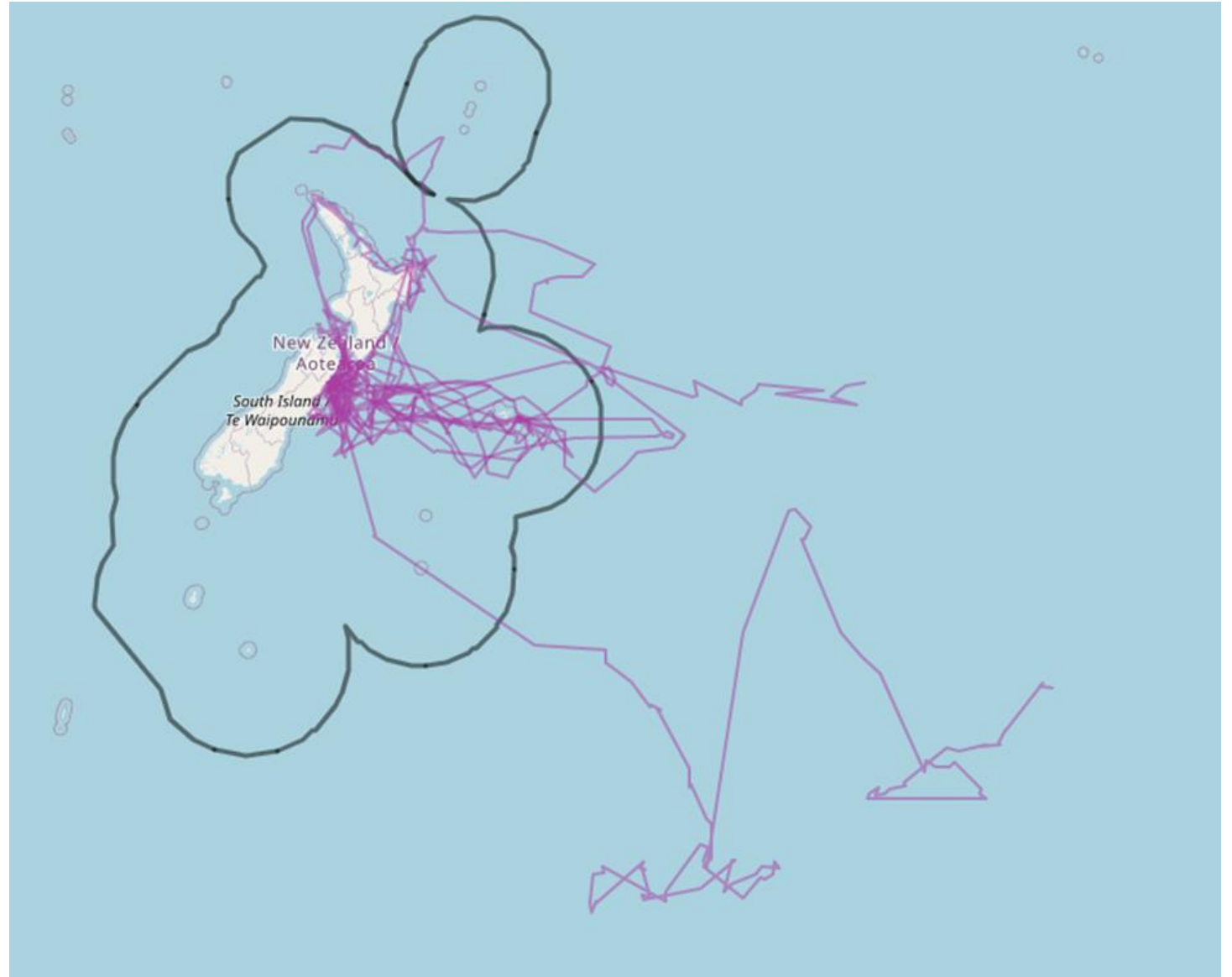
- 10 PTT deployed on adults
- Adults moulting – tried selecting birds further through moult based on Primary moult score
- Tracks for 13-82 days



# Results – DOC shinny app

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Maps and data download  
available online





# Acknowledgements

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- Motuhara Island owners
- Chris Morrison for boat transport
- DOC CSP team, and especially Graeme Taylor

