



Motuhara
January 2024

Motuhara

- Privately owned and I'm grateful for the co-operation of the motu owners to allow me to undertake research their



Field trip

- 10 day trip, Jan 17-27 2024
- Team of 3, with Dr Carlos Zavalaga joining trip within international collaboration between Peru and NZ



Northerly Storm

- 24-hour storm Jan 23rd
- 40-50 knot, 60mm rain



Northern Royal Albatross

- 246 re-sightings of previously banded birds
- Study grids counted
- Island wide census 1,553 breeding pairs
- 2.1% of 700 pre-fledgling chicks banded in Aug 2023 recovered dead ~ high?



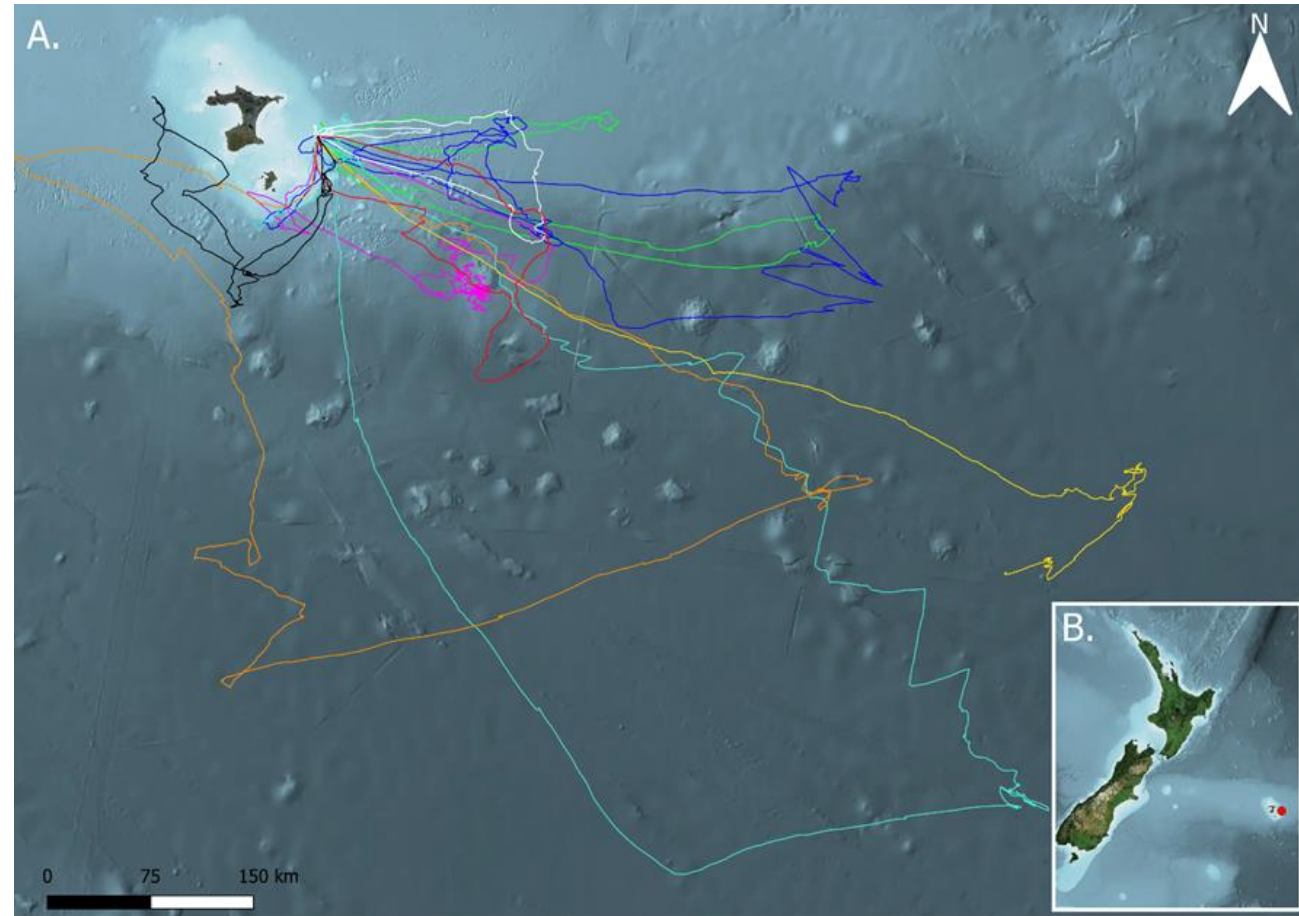
Northern Buller's Mollymawk

- PTT device deployment collaboration with Peru.
- Leg-loop harness didn't work, so switched to tail mounted.
- Tested packback on an incubating bird for a few hours
- Results will be reported separately later



Northern Buller's Mollymawk

- Short term GPS deployment
- 6 on breeders (guarding small chicks)
- 6 on recently failed breeders
- All devices recovered, but 3 unable to be downloaded for some reason



Northern Buller's Mollymawk

- Counted study grid, but no island wide census due to apparent high nest failure rate when we arrived.
- Severe NW storm caused 8.7% of active nests to fail



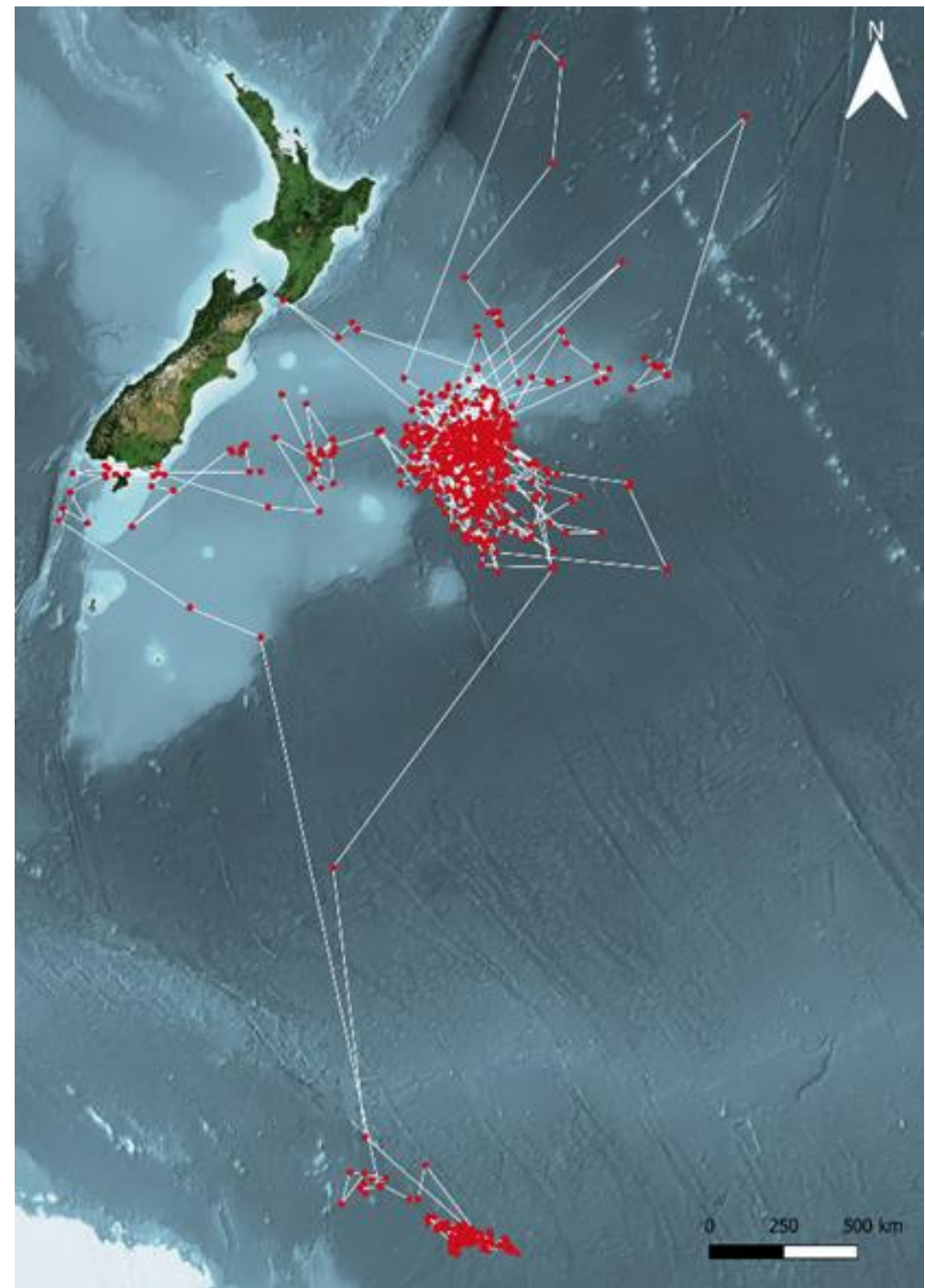
Northern Giant Petrel

- Cohort of 500 pre-fledgling chicks banded



Cape Petrel

- 3 of 15 GLS recovered
- Unfortunately only 3 or 7 nests devices deployed on active, hopefully recover more in future trips



Acknowledgments

- Motuhara landowners
- Chris Morrison and crew for boat transport
- DOC CSP team, especially Johannes Fischer, Graeme Taylor, Igor Debski, Olivia Rowley, Arawhetu Waipoua
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