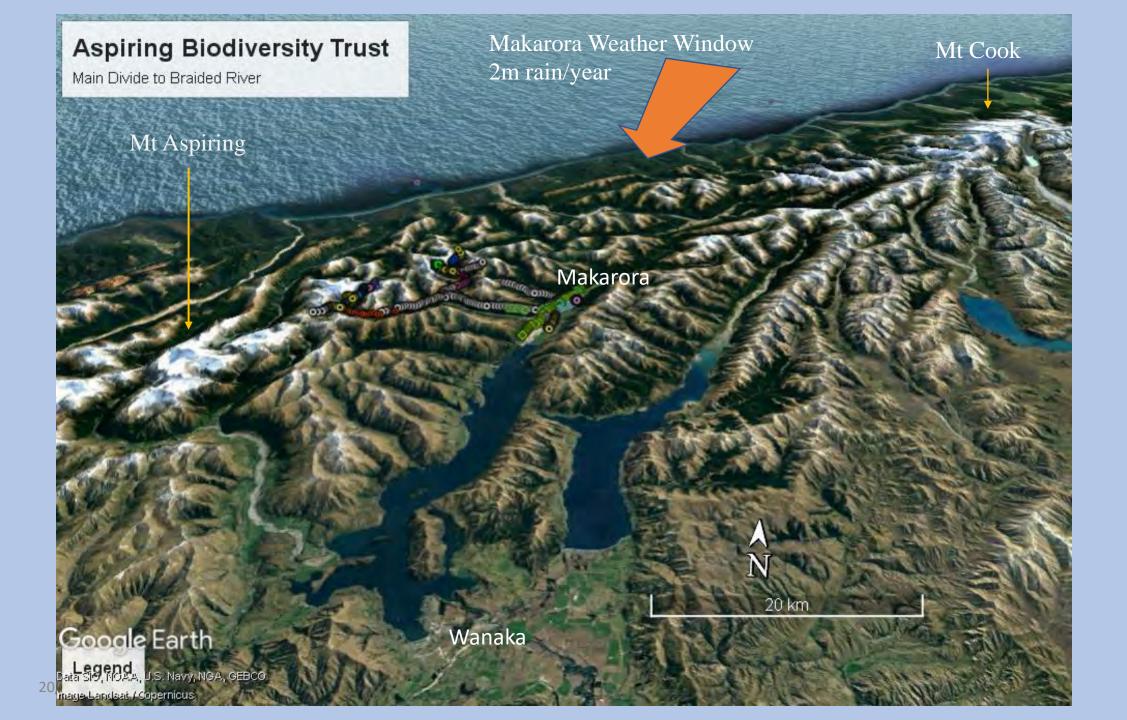


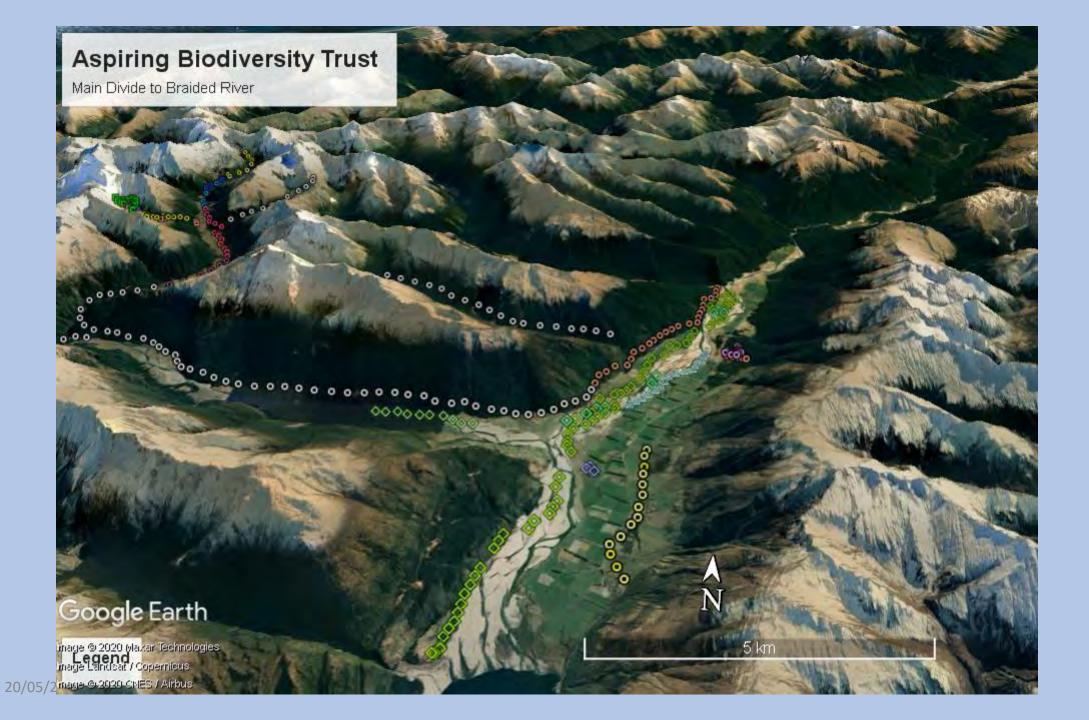
Ridge to River

Endemic braided river birds cryptic defense has limited or no effect against introduced mammalian predators

Wilkin stoat since 1885 (King 1984)







Aspiring Biodiversity Trust

was Established in 2017 to help protect and restore Makarora catchment threatened species and their habitats "from ridge to river".

Three main delivery elements;

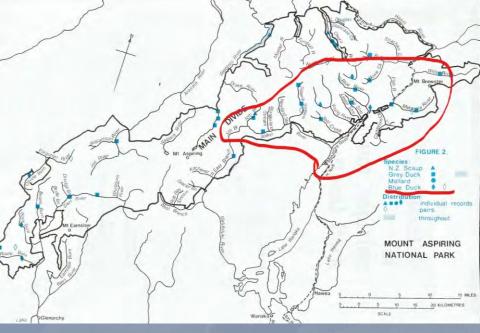
- Ascertain current population status of indigenous biodiversity informing conservation management,
- Predator control/ threat management,
- Biodiversity education, awareness raising.

Legacy Data

Historical records include; whio/blue duck (Child 1975) and kaki/ black stilt (prior). Kaki no more, whio retreated to upper river/alpine habitats.

DOC previously monitored a section of river every 3-5y from 1966 up to 2012, ABT's extended walkover survey undertaken from 2017.

Periodic 1080 application: Feb 2017 & Oct 2019



Child P (1981). Birdlife of Mount Aspiring National Park





Threat Classification in New Zealand

Summer migrants











Resident













?



NATIONALLY CRITICAL NATIONALLY ENDANGEBED

NATIONALL PARTICULAR ENDANGER NATIONALL VULNERAB

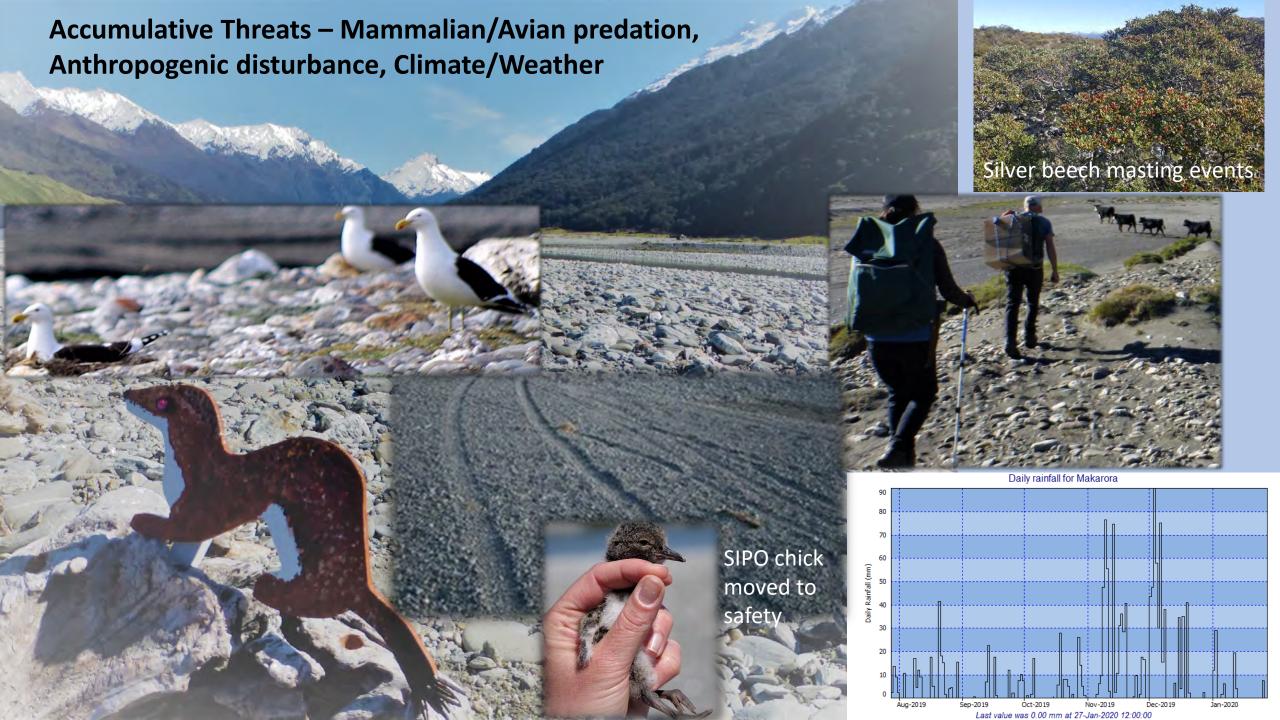
DECLINING

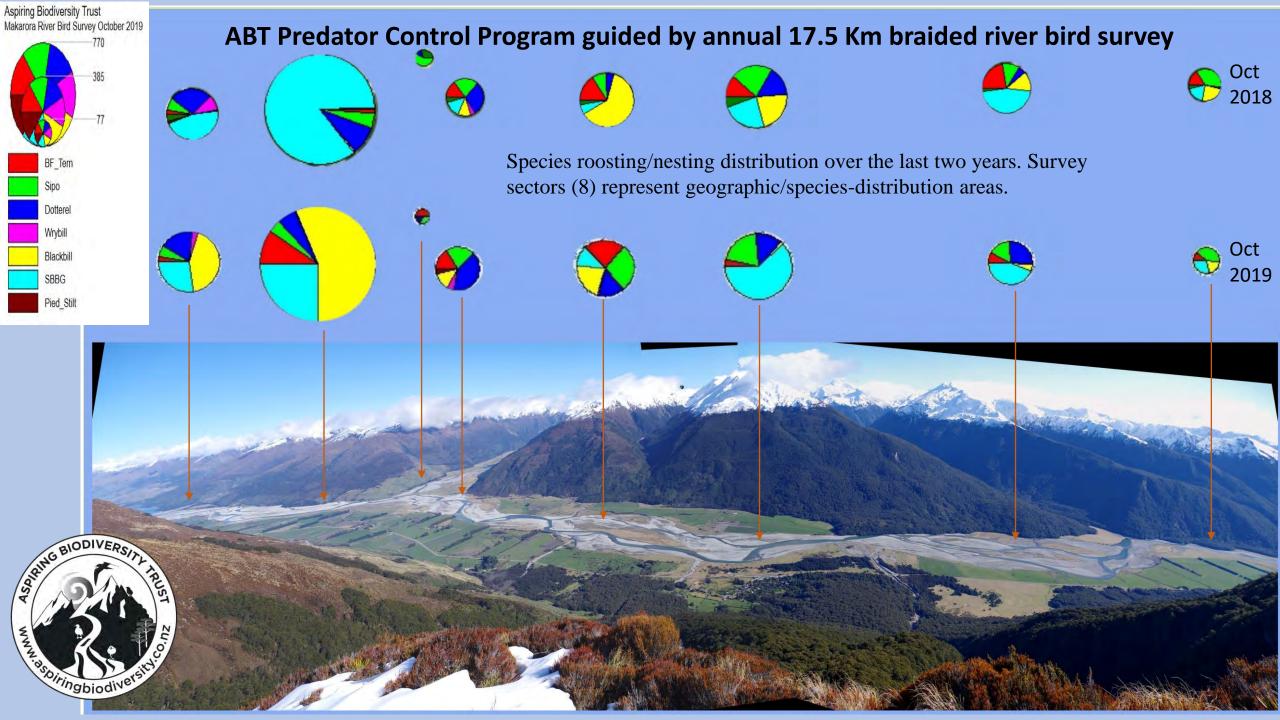
RECOVERING

AT RISK

RELICT

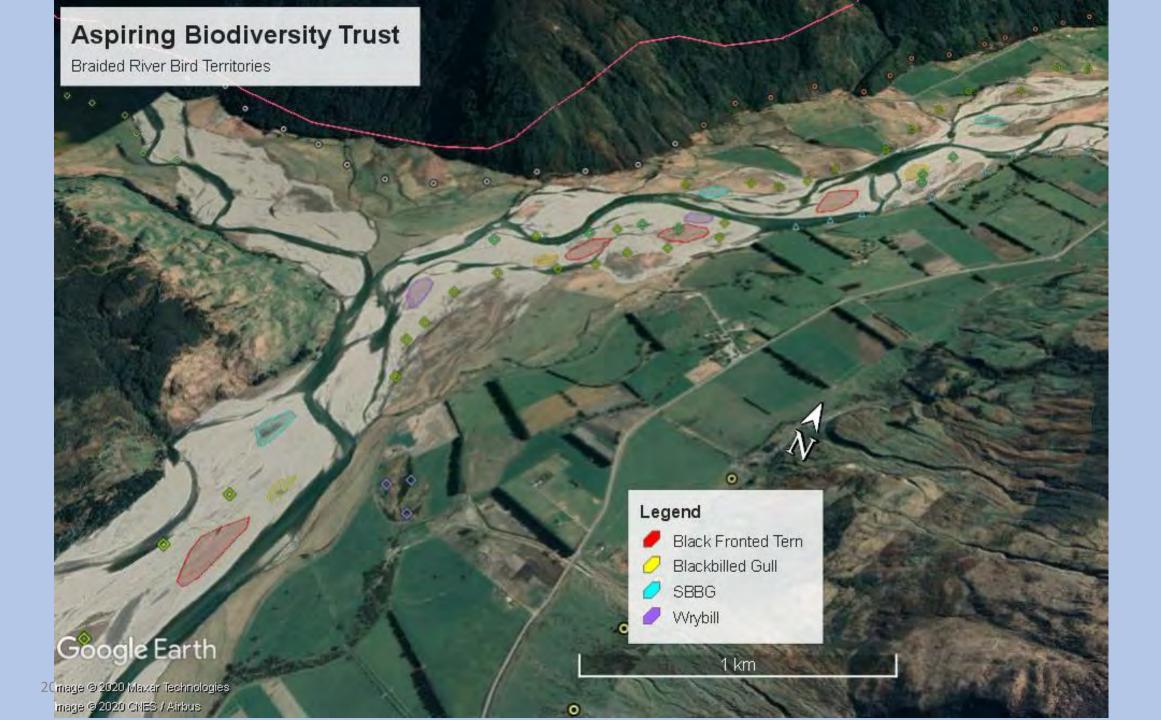
NOT THREATENED





ABT Makarora Braided River Annual Bird Counts (Oct 2017- Oct 2019) S BLACK-BACKED GULL **BLACK-BILLED GULL** SI PIED OYSTERCATCHER **BANDED DOTTEREL BLACK-FRONTED TERN ■** 2017 **■** 2018 **■** 2019 SPUR-WING PLOVER WRYBILL PIED STILT 100 200 300 400 500 600 700 SI pied Black-billed S black-Black-Banded Spur-wing oystercatch Pied stilt Wrybill fronted tern dotterel gull backed gull plover er **2017** 80 50 95 6 11 133 316 370 2018 2 11 42 125 138 166 262 520 **2019** 16 13 150 201 177 593 459 4

Note: Black-billed gulls (during 2018) were late returning to breed with nesting colony of 200 noted at the lower Wilkin midlate November.



2019-2020 ABT Nest monitoring

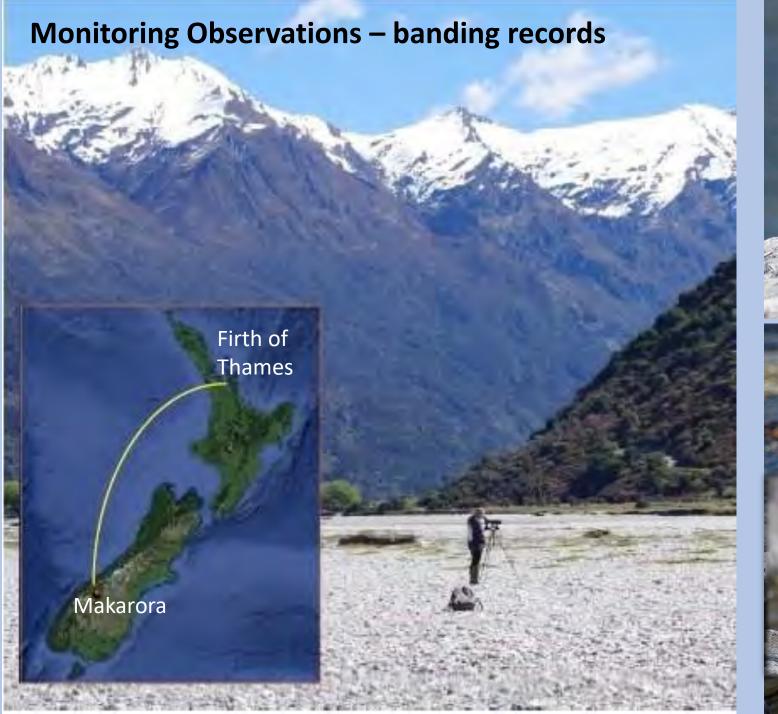
Species	Date (2019/2020)	Location	Nests	Eggs per Nest	Hatch date	Fledge date	Date lost
Black- fronted	7 October	Upper river	5-10	2-3	-	-	11 Oct (flood)
tern	15 October	Lower river	25 -40	1-3	From 29 Oct	30 Nov	Additional resources required
Black- billed gull	15 Oct	Lower Wilkin confluence	259 + colony continued to grow	2-4	29 Oct – 30 Nov	Dec-Jan	Additional resources required
Wrybill	18 Oct – 10 Nov 23 Oct 19 Oct - Nov	Lower Wilkin conf Upper Wilkin conf Lower	1	2	11 Nov x 1 nest 26 Nov x 1 nest	Three chicks banded Nov	6 Nov 4 x nest lost to flood, 1 x smallest chick lost, how?
	15 000 1000	river/delta	3	2	Early Nov		(second brood)



Black-fronted tern chick (19 Nov)











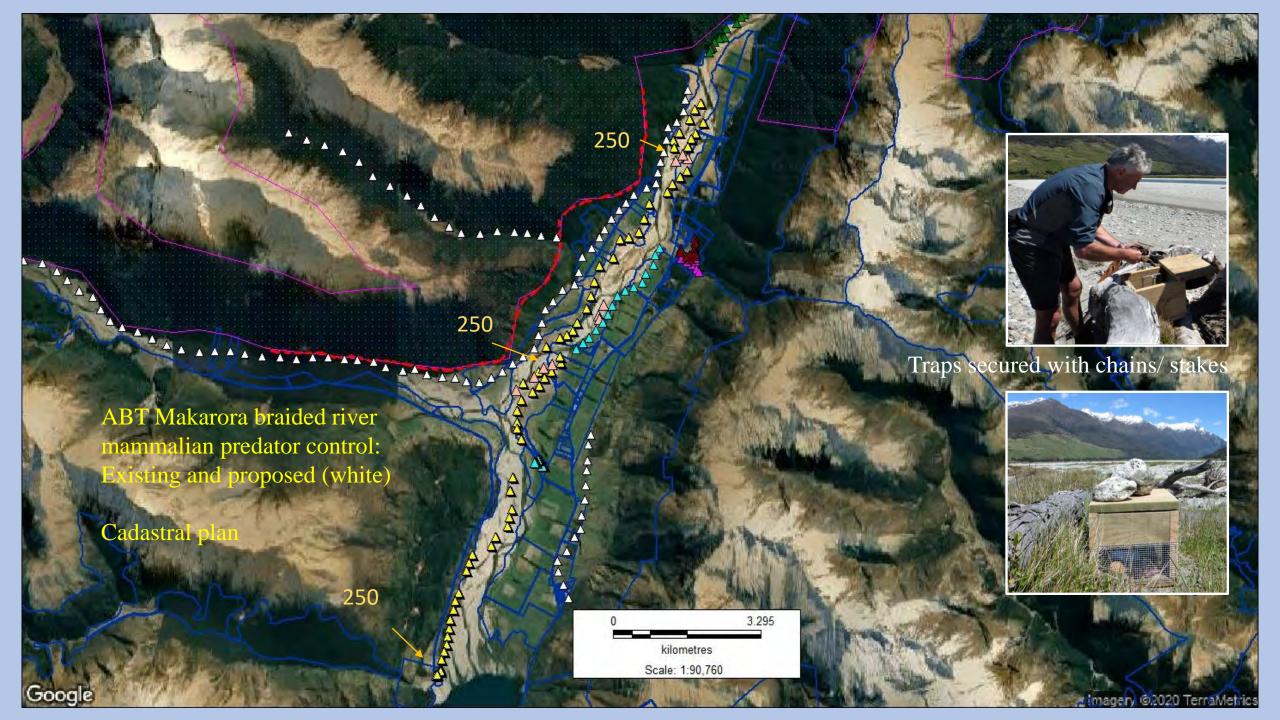


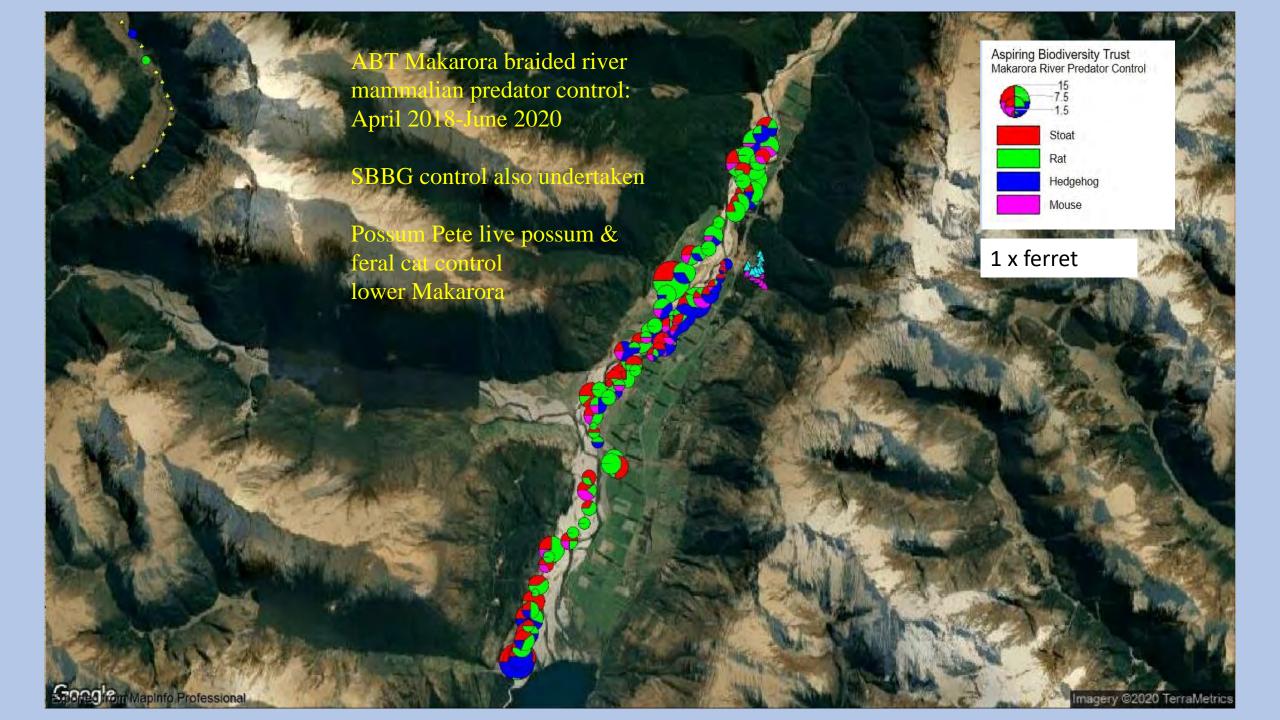


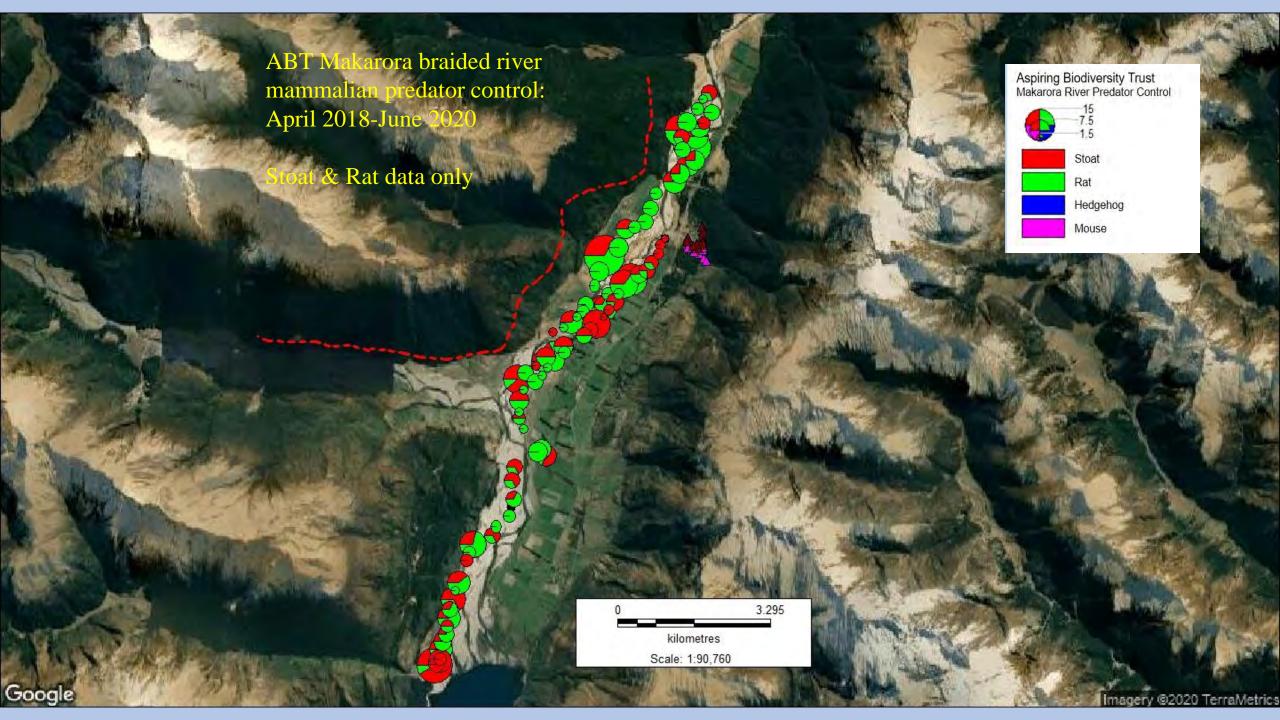


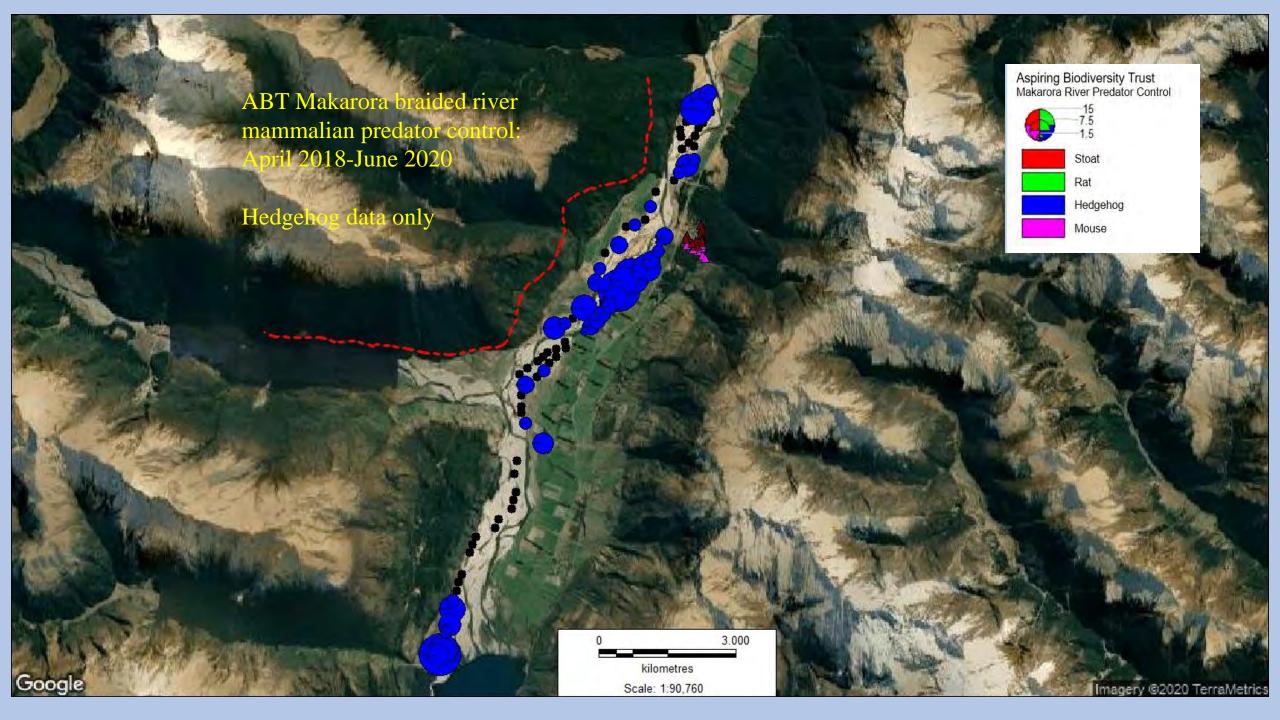




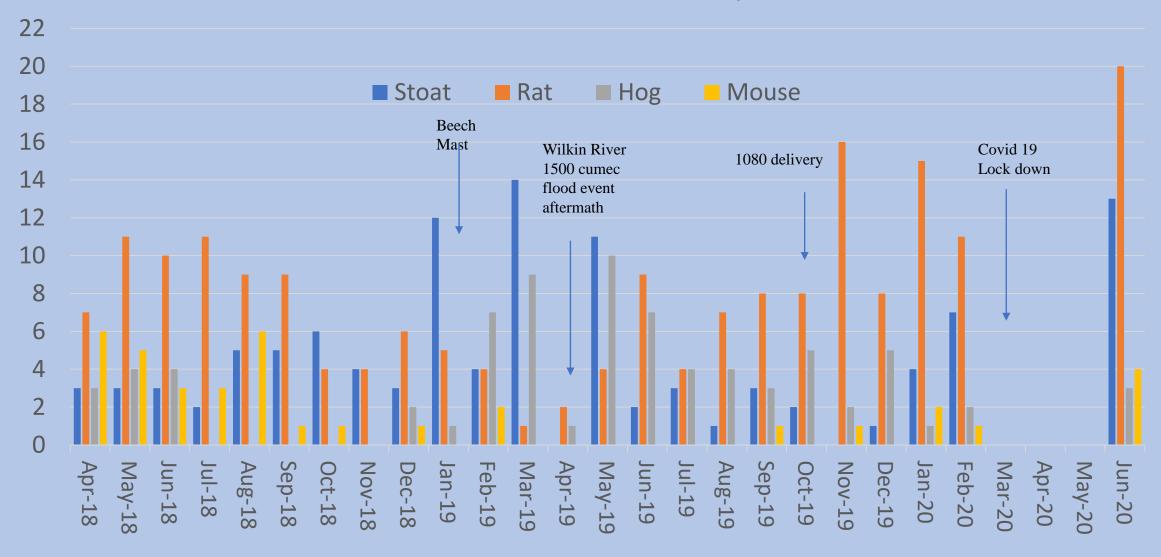








ABT Makarora Braided River Predator Kill April 2018-June 2020



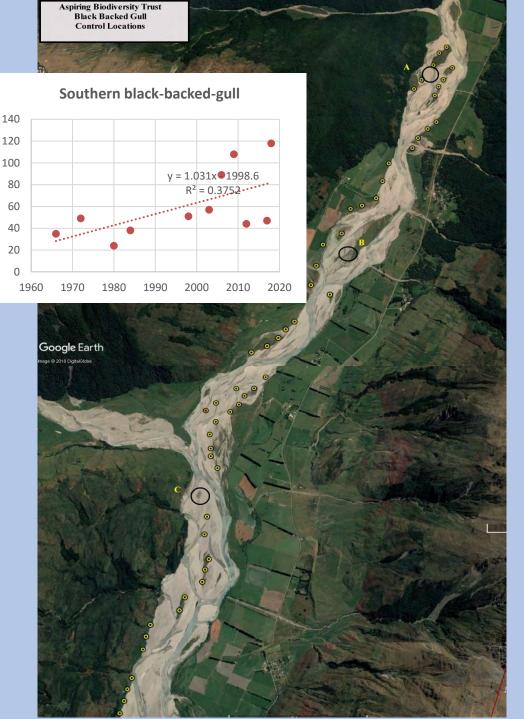
Southern Black-backed Gull Control



Adult SBBG at nest site with a chick below (3-5 weeks).



NB: DOC SBBG data up to 2012





SBBG nest with eggs



Canadian goose nest



Predator Control Installation, Servicing and Bird Monitoring











04/07/2019

Community Engagement



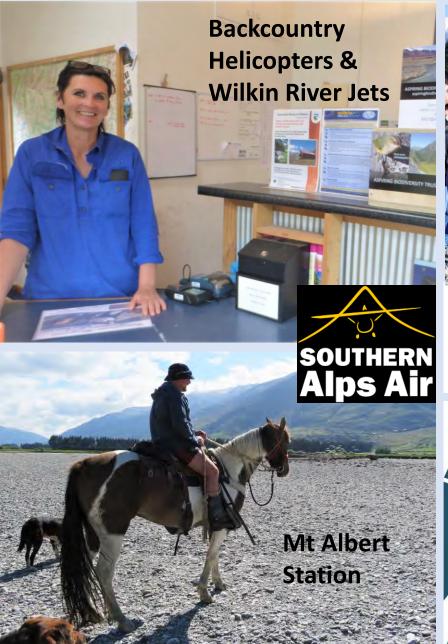




For continued awareness raising of braided river birds and their habitat; including public interpretation displays and presentations to parents

Makarora School











Captain Rod Elliott Special thanks



Acknowledgements

• With thanks to all trustees, volunteers, collaborators and supporters

























NB: not all are represented here

