

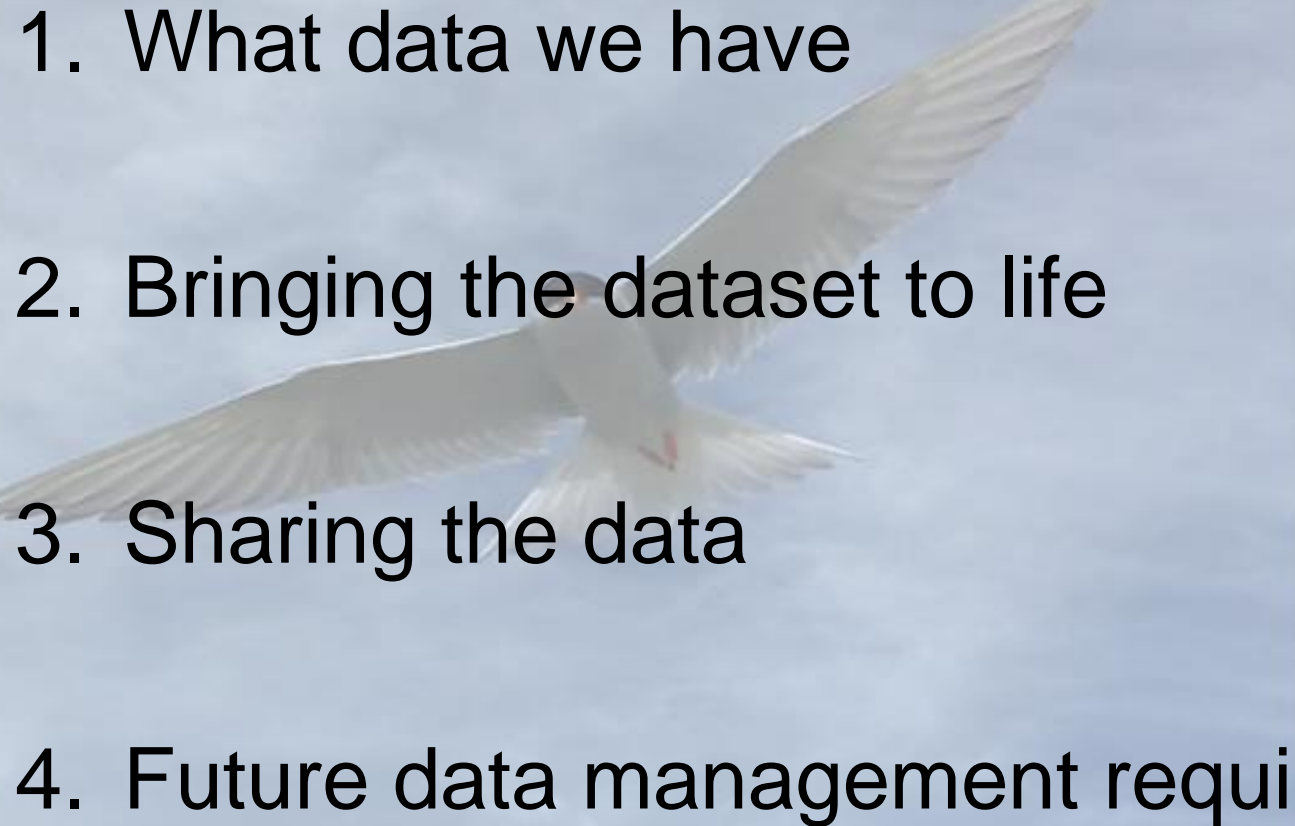
# Making use of a Nationally Important Dataset

BRaid Symposium

Lincoln

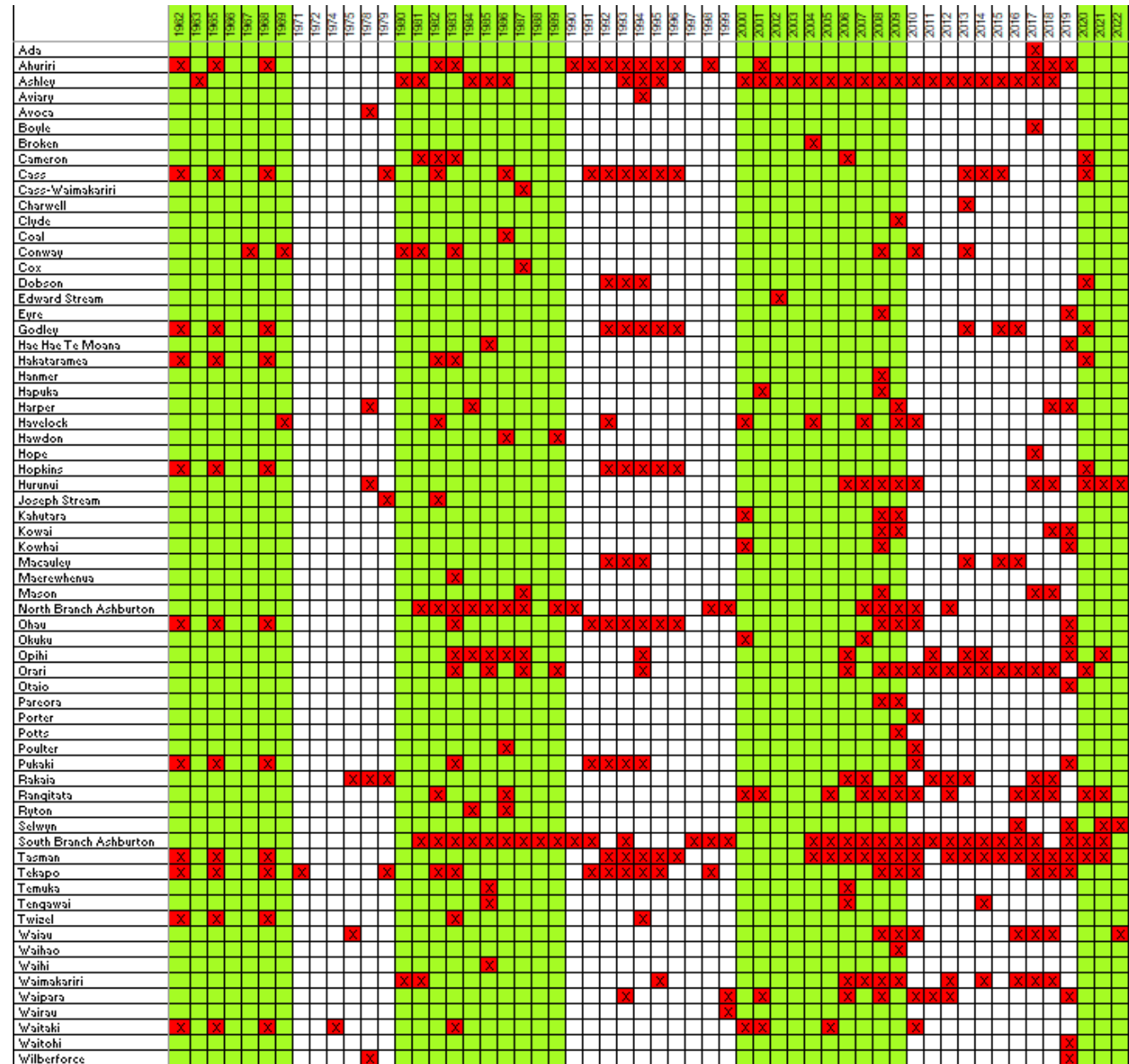
July 2023

# Presentation Outline

- 
1. What data we have
  2. Bringing the dataset to life
  3. Sharing the data
  4. Future data management requirements

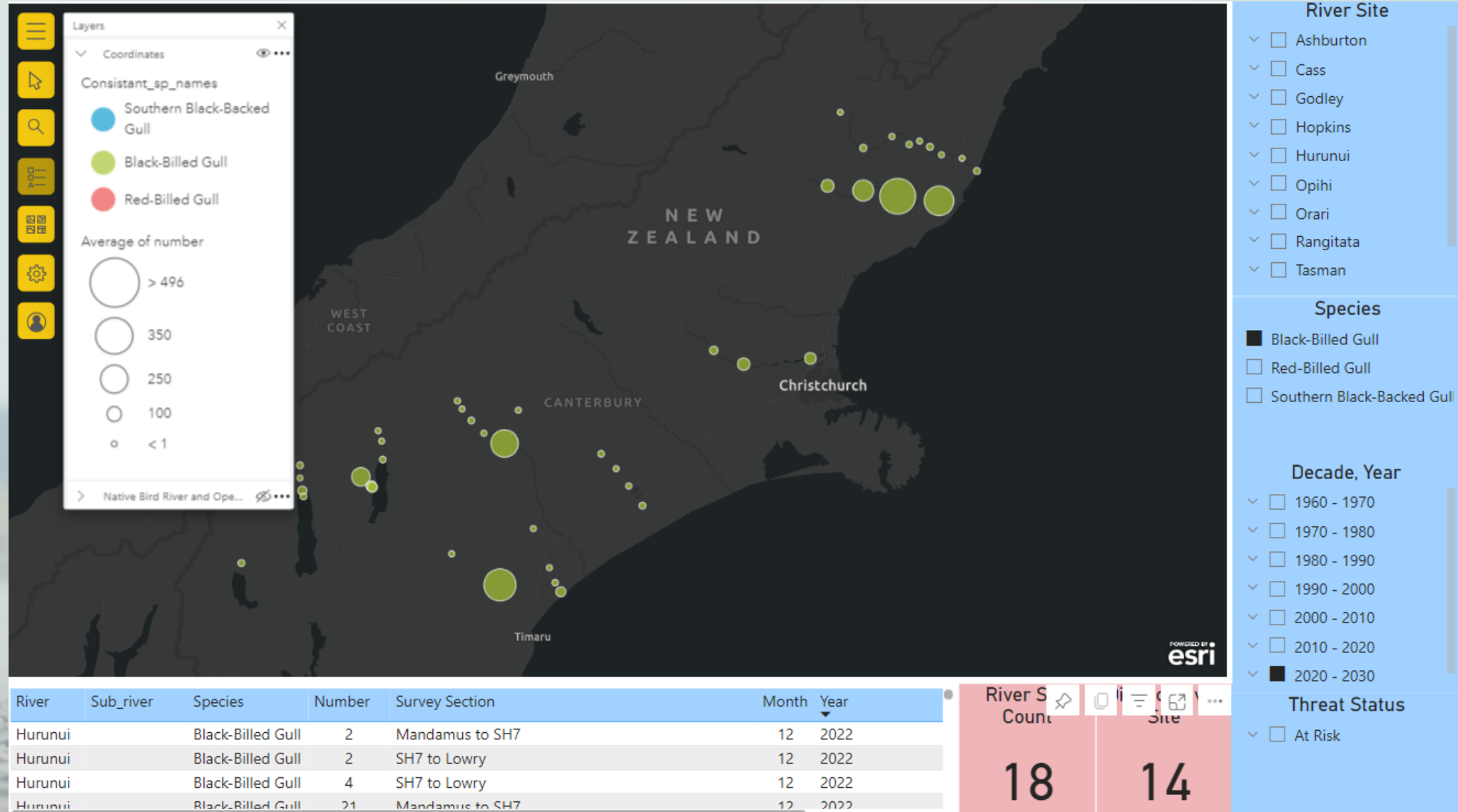
# What Data We Have?

- Monitoring for 60 years
- Collecting bird count, breeding and survey effort data
- ~415 River Surveys of 66 different rivers
- Estimate of 40 person years for one person



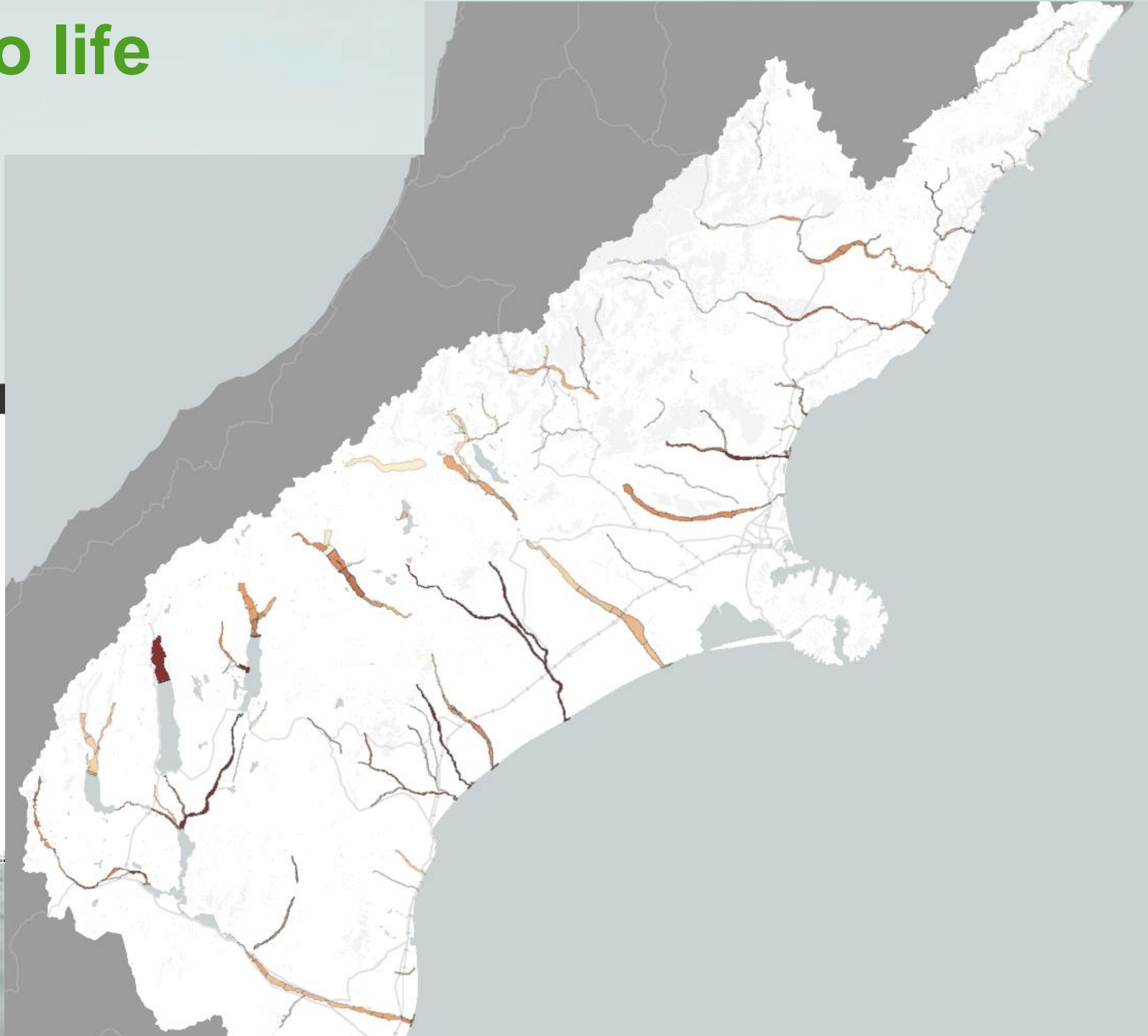
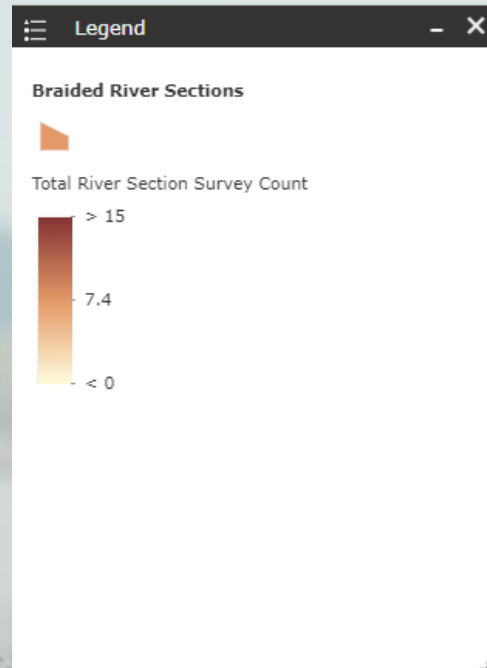
# Bringing the data to life

- Power BI Reports
- Esri map viewers



# Bringing the data to life

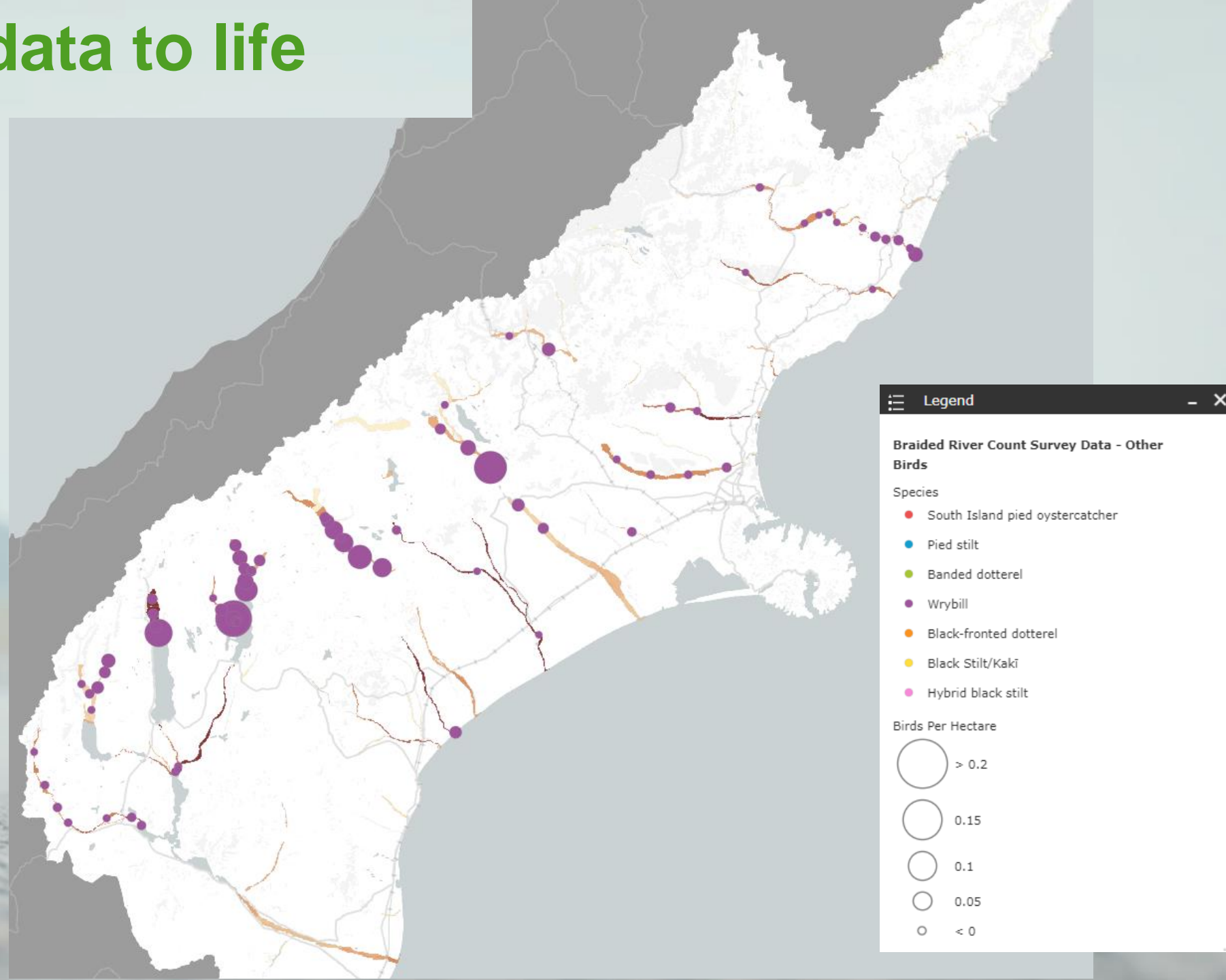
- Power BI Reports
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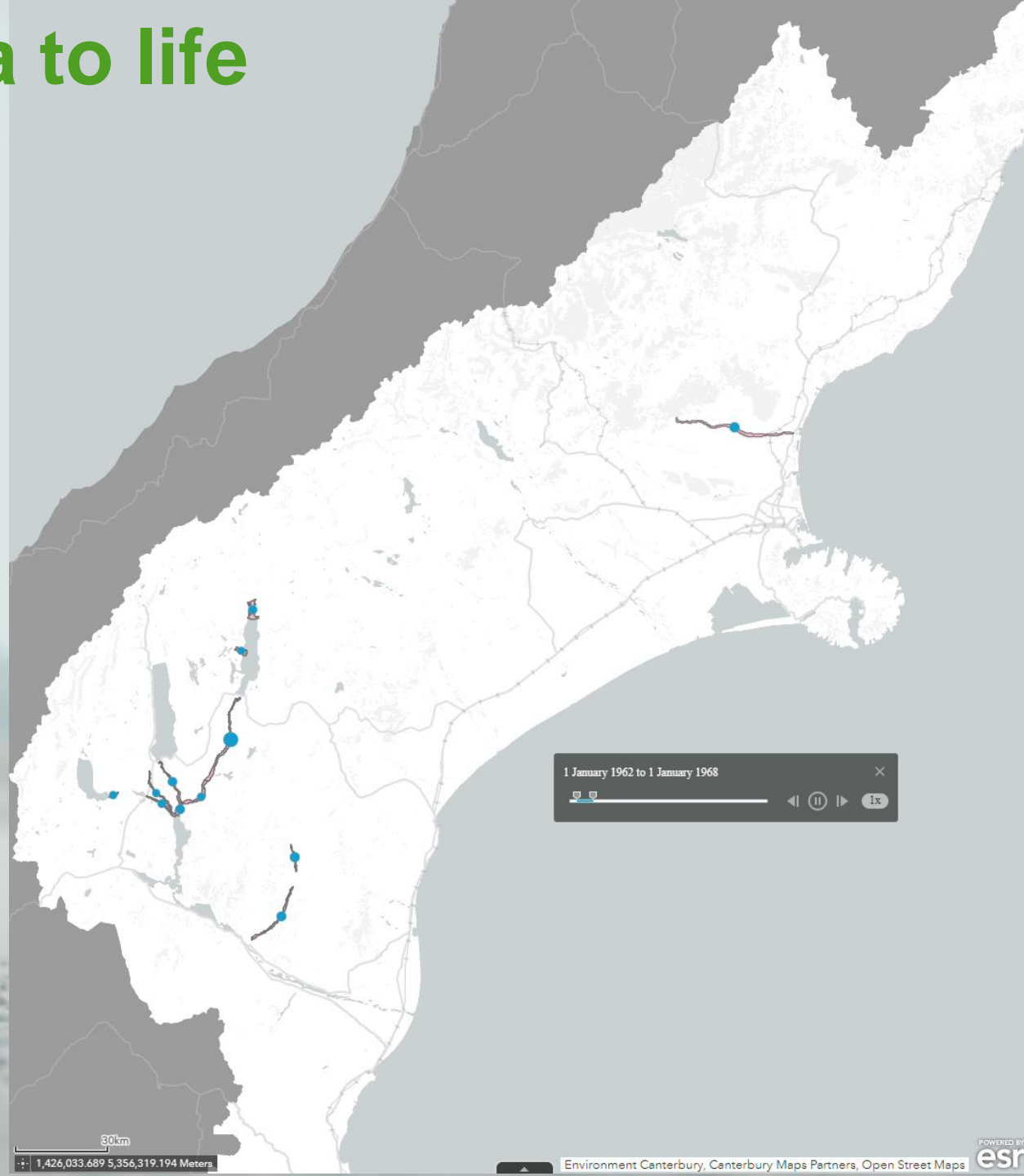
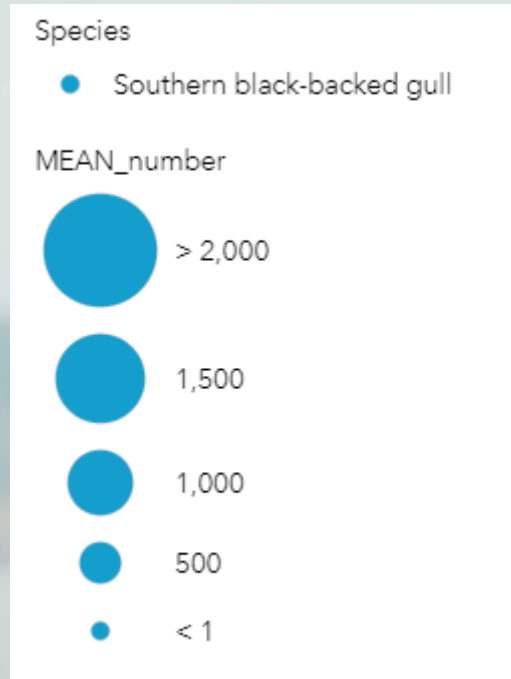


# Bringing the data to life

- Power BI Reports
- Esri map viewers

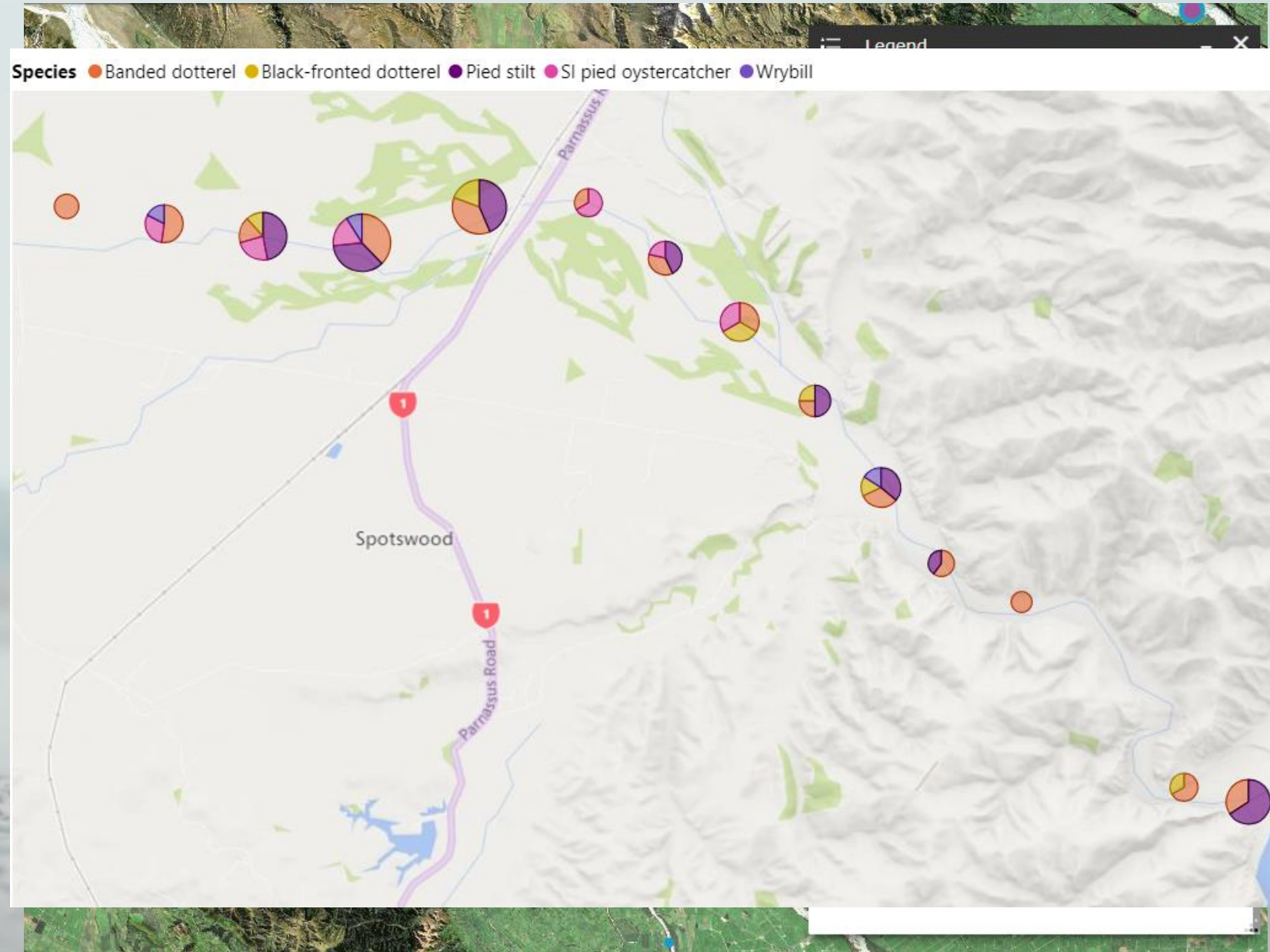


# Bringing the data to life

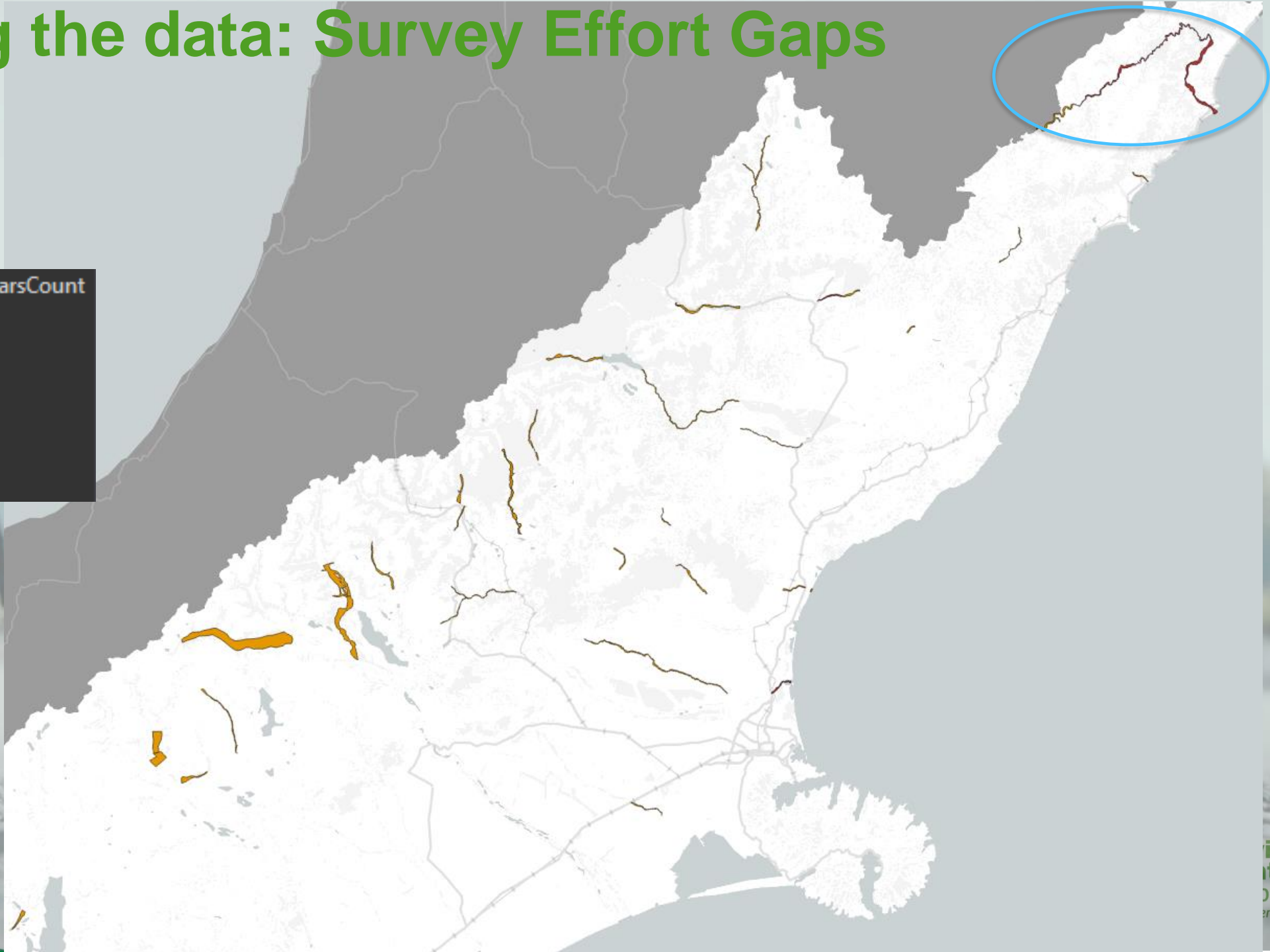


# Limitations of spatial viewers

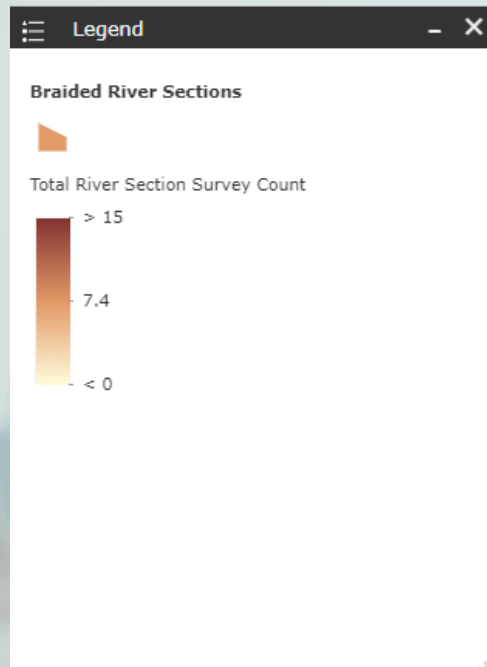
- Scaling
- Limits on data presentation







# Waiau Toa Effort Gap



**Clarence - Quail Flat to first gorge ?**

Object ID	515
River	Clarence
Sub River	NA
River Section ID	1
River Section ID Count	4
River Section Survey Years	1992
River Section Survey Count	1
River Section Name	Quail Flat to first gorge ?
Notes	
Hectares	460

[Zoom to](#)

**Clarence - Dart Stream to Cabbage Tree Hut**

Object ID	545
River	Clarence
Sub River	NA
River Section ID	3
River Section ID Count	4
River Section Survey Years	None in braided river count dataset.
River Section Survey Count	0
River Section Name	Dart Stream to Cabbage Tree Hut
Notes	
Hectares	399

[Zoom to](#)

**Clarence - last gorge to sea**

Object ID	516
River	Clarence
Sub River	NA
River Section ID	4
River Section ID Count	4
River Section Survey Years	None in braided river count dataset.
River Section Survey Count	0
River Section Name	last gorge to sea
Notes	
Hectares	1307

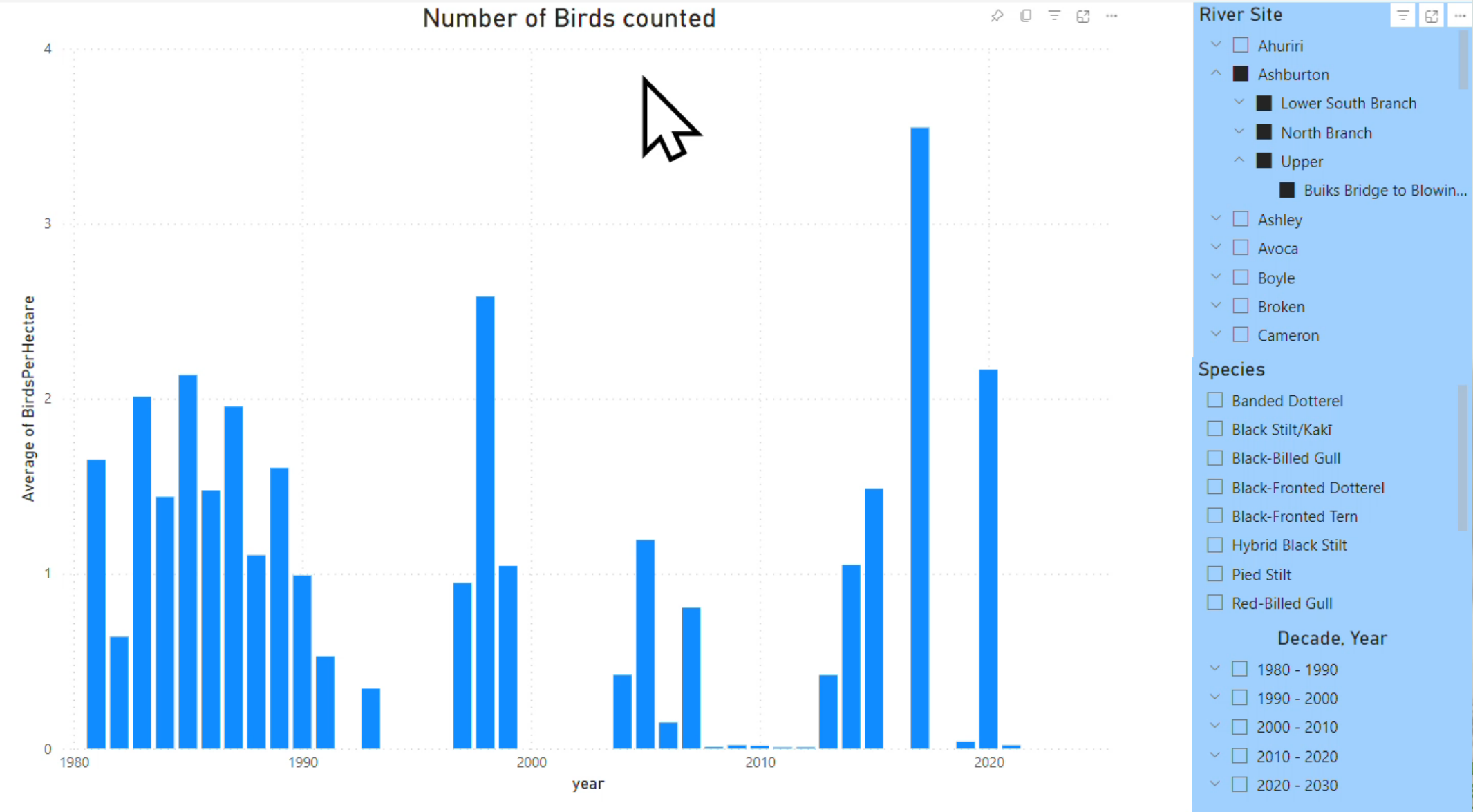
[Zoom to](#)

**Clarence - First gorge to Dart Stream**

Object ID	546
River	Clarence
Sub River	NA
River Section ID	2
River Section ID Count	4
River Section Survey Years	None in braided river count dataset.
River Section Survey Count	0
River Section Name	First gorge to Dart Stream
Notes	
Hectares	583

[Zoom to](#)

# Bird Count Data

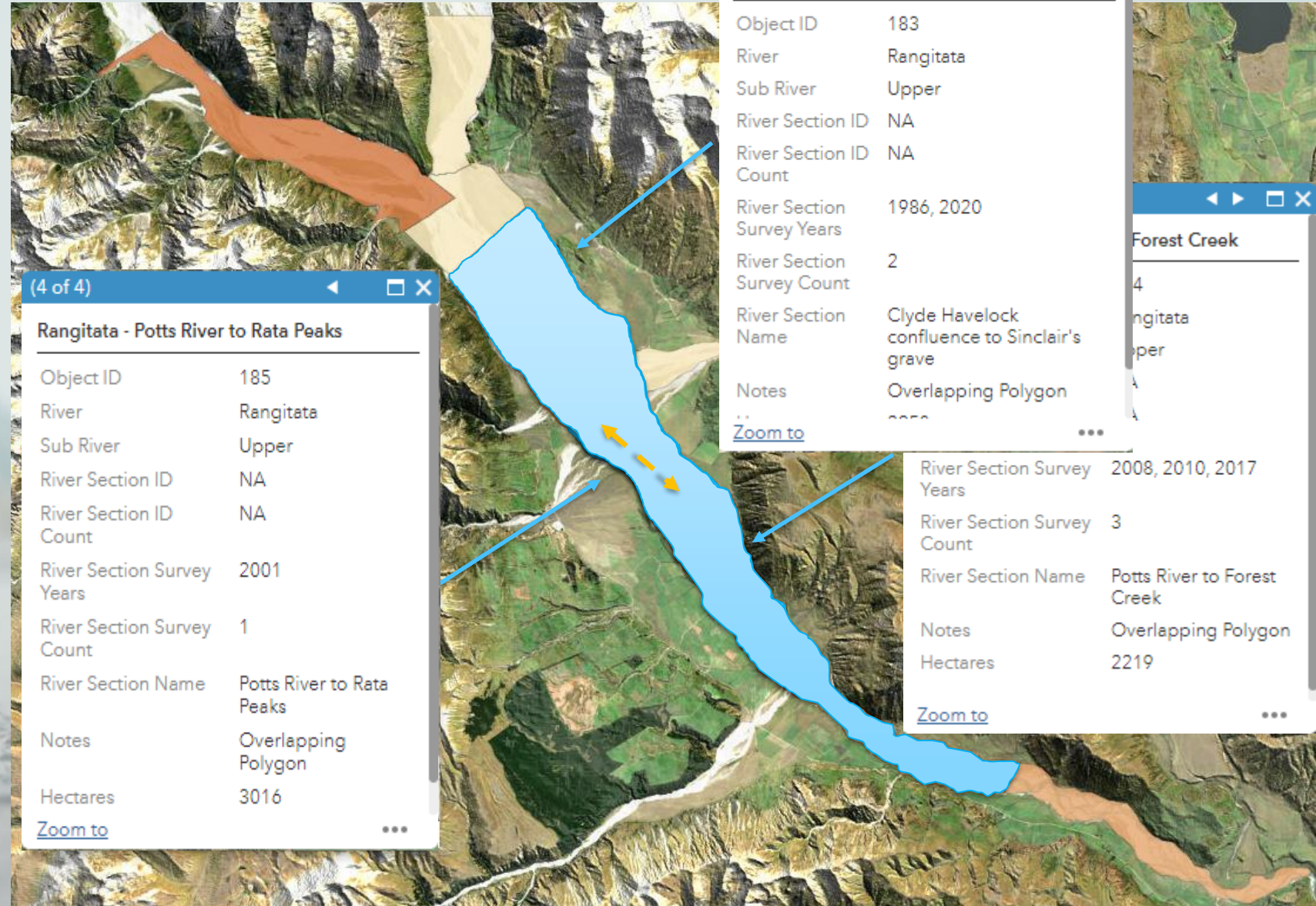




# River Survey Standardisation

## - a case study KM vs Section counts

- Inconsistencies in the way data has been collected.
- Limits survey data for trend analysis.
- KM sections vs. River sections





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# River Survey Standardisation

## - a case study KM vs Section counts

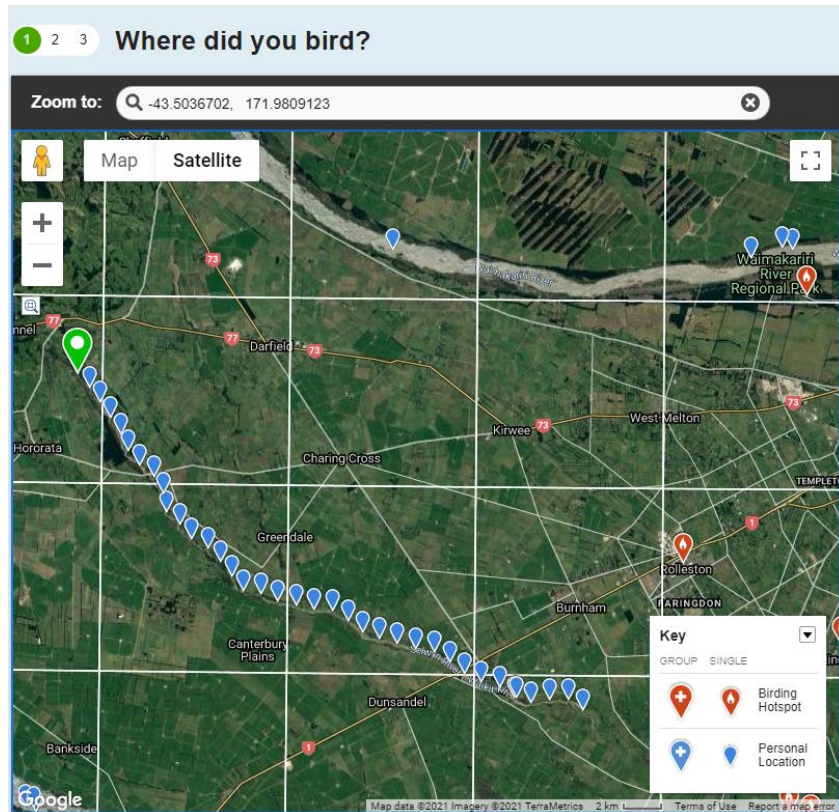
- Inconsistencies in the way data has been collected.
- Limits survey data for trend analysis.
- Rivers surveys broken up into KM sections allow all data to be used.





# Sharing the Data

New Zealand eBird



[News](#) [Explore](#) [Open data](#) [Map viewer](#) [Help](#) [About](#)

## Explore Data Categories



Council Services



Environment



Zoning & boundaries



Water



Transport & navigation



Recreation & Attractions



Property & Land



Plans & Consents

# Future Data management needs

1. National braided river database
2. Standardisation of data format and sections.
3. Making map views publicly available



# Acknowledgements

Andy Grant

Background imagery to slides: Plato Creative

**Kia ora  
Thank you**

**He Pātai - Time for questions?**