

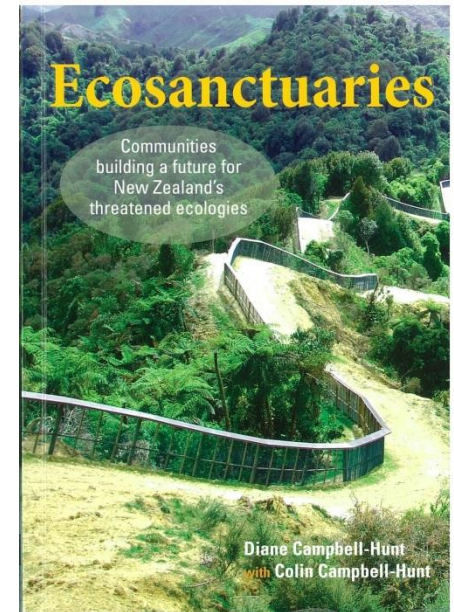
# 13<sup>th</sup> Sanctuary Workshop: Hamilton



Ark in the Park 2015

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Landcare Research  
HAMILTON

Wed. 17 August 2016



# Previous workshops

- 2004 Maungatautari
- 2005 Tawharanui
- 2006 Te Kauri
- 2007 Silverstream (Zealandia)
- 2008 Wanganui (Bushy Park)
- 2009 Havelock North (Kidnappers)
- 2010 Great Barrier Island (Glenfern, Windy Hill)
- 2011 Nelson (Rotorua, Brook)
- 2012 Taranaki (Rotokare)
- 2013 Shakespear
- 2014 Dunedin (Orokonui)
- 2015 Auckland (Ark in the Park)
- **2016 Hamilton (Maungatautari)**



Kidnappers2009

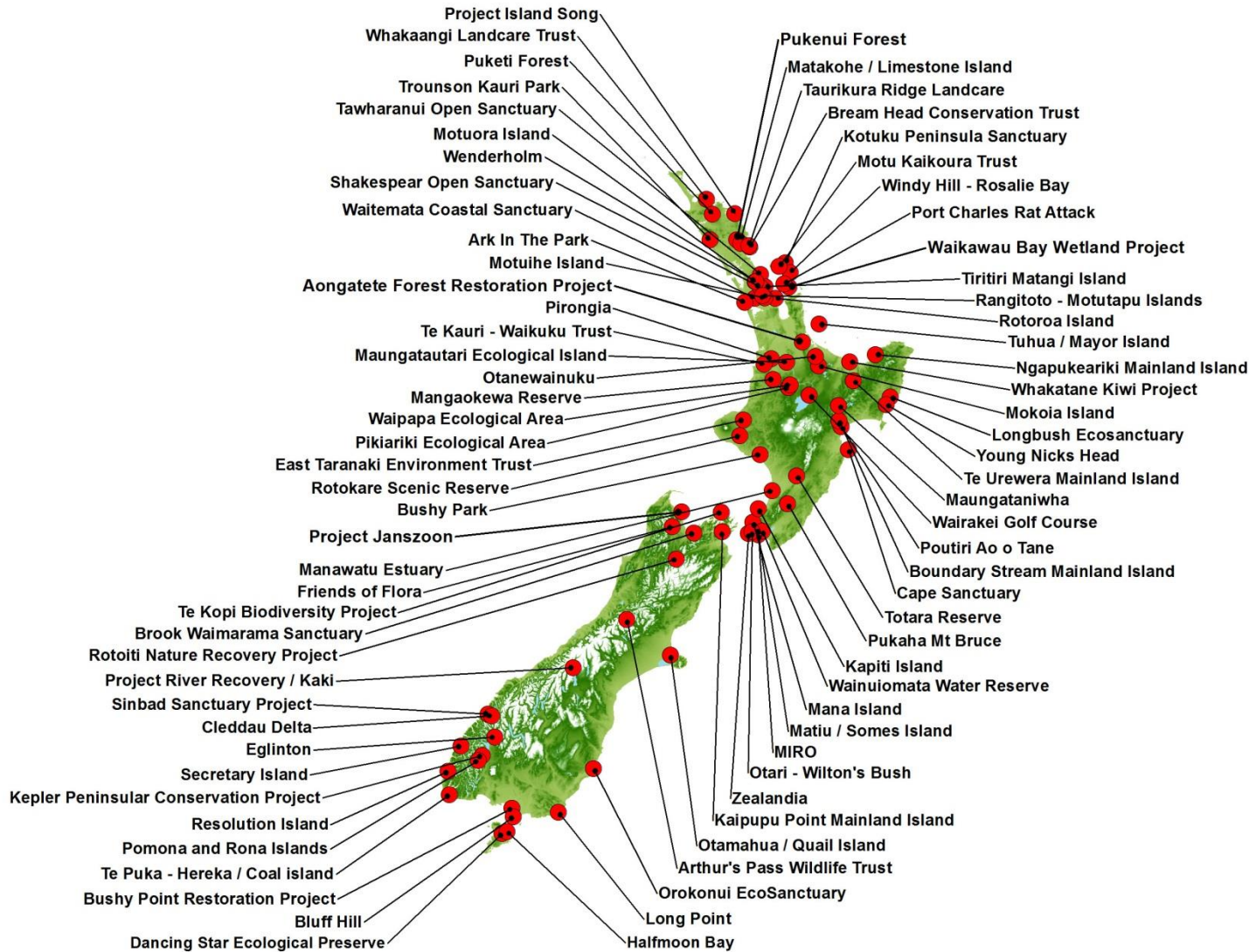
# What are 'biodiversity sanctuaries'?

Sites that:

- experimentally restore NZ ecosystems to indigenous dominance and full species complement
- 
- control or eradicate a broad suite of pests with best practice techniques
  - reintroduce missing species
  - manage a permanent and substantial risk of pest reinvasion
  - inspire and galvanise communities to local conservation

We identified 73 such projects on or near the  
NZ mainland

# SANCTUARIES



## Who do you represent or work for? (n=29)

	%
Biodiversity sanctuary	55
A company	14
Government agency	4
Private individual	10
Other (Trust, Univ., NGO)	17

## How well do you understand the relative roles of Landcare Research and SONZI? (n=27)

Very well		%		Not at all
67	22	4	7	0



How many of the 12 past workshops have you attended? (n=27)

0	1	2	3	4	5	6	7	8	9	10	11	12
4	3	3	3	4	2	2	4	0	1	0	1	0

What did you like most about the workshops? (n=23)

Networking	Research	Field trip	Beer
86%	56%	17%	9%

# What did you like most?

Interacting with people from other sanctuaries with shared challenges.

The beer at night – when we could. Lots of technical stuff was helpful, but for me it is really about meeting the people I have only emailed etc and learning from them.

Learning about shared problems (biological and political) and ways to deal with them.

Developing relationships between sanctuaries, especially over time.  
Latest research. Field trips.

Information about new developments and results of research that is focused on operational aspects of sanctuaries (has a direct practical application).

## How you felt about workshop aspects (n=22)

	Happy	%	Unhappy
Venue	64	36	0
Month	68	27	4
Duration	86	14	0
Midweek	82	18	0

## Satisfaction with workshop format (n=22)

	Not worthwhile					<->		Essential		
1 day science talks	1	0	0	1	1	1	2	1	0	15
½ day SONZI business	1	1	0	0	5	1	2	3	2	7
Soapbox session	1	0	0	0	2	0	1	5	2	11
½ day field trip	1	0	0	0	2	1	4	5	2	7



# Format comments

## Science presentations

- Too many presentations seemed of work planned or in a preliminary stage. Ideally science and SONZI priorities would be more linked.
- Possibly a choice of the commercial industry as that could be beneficial to others...

## SONZI 1/2 day

- Possibly increase SONZI-focused component of overall workshop. Choose a specific focus or two relevant to most sanctuaries e.g. enviro-ed., latest trapping info
- Possibly some commercial aspects as they drive the technology and \$\$\$

## Soapbox session

- Damn good– but need much more time
- Putting these on morning of last day limits opportunity for others to follow up with the soapbox speakers

## Afternoon field trip

- Supply beer – hard to answer as each location is different
- These are good if I haven't been somewhere before, but most people attending have probably already seen a range of sanctuaries.
- The field trip is an extension of the informal network time more than about the site *per se*. Field trip organisers should reflect this and not be quite so ambitious to cram so much in.

# Would you like a third day added? (n=22)

YES	NO
64%	36%

## If there was a third day, what would you like included? (n=13)

Sanctuary issues*	More soapbox	Training & workshops	More beer
8	3	2	1

\*education, volunteering, funding, community engagement, governance, management, marketing, national networking, volunteers, H & S, rewards, recruiting...

# Further comments? (n=9)

- Generally nice things about Landcare Research involvement
- I know you have to try and keep the cost down but it would be really good if we didn't have to go offsite for a beer and conversations – this is the time that I personally get the most out of the trip, but I also get to know these people a lot more than just chatting over lunch etc
- The low cost to participants by using the type of venue as per past is great – encourages participation at low cost
- The biggest issue for me is not being informed of the upcoming meeting times (& programme) well enough in advance



# RESTORING BIRDS in Cape-to-City



LANDCARE RESEARCH  
MANAAKI WHENUA

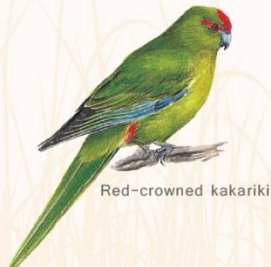
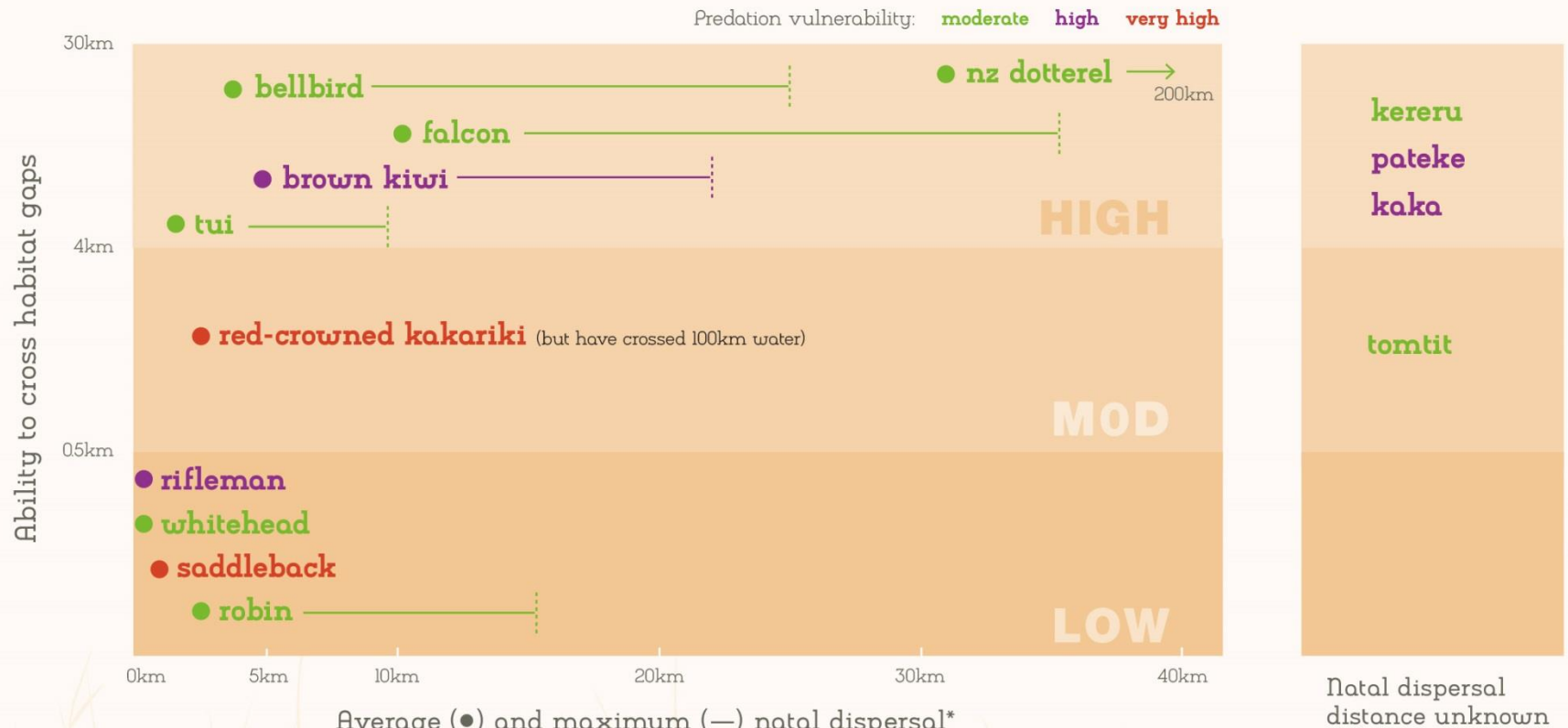


# Main kinds of bird movement

- *Seasonal movement* – e.g. tui may fly 20 km in winter
- *Natal dispersal* – from where a bird fledges to where it first nests e.g. NI kokako, 1600 m, n=174; 15 km for Wenderholm robins
- *Breeding dispersal* – occasional movements adult birds make between nesting locations e.g. tui 53 km
- *Post-translocation dispersal* e.g. Rakiura robin crossed 800 m over water, cf 100 m limit for dispersing NI robins\*

Other key factors: Gap-crossing, predation vulnerability.

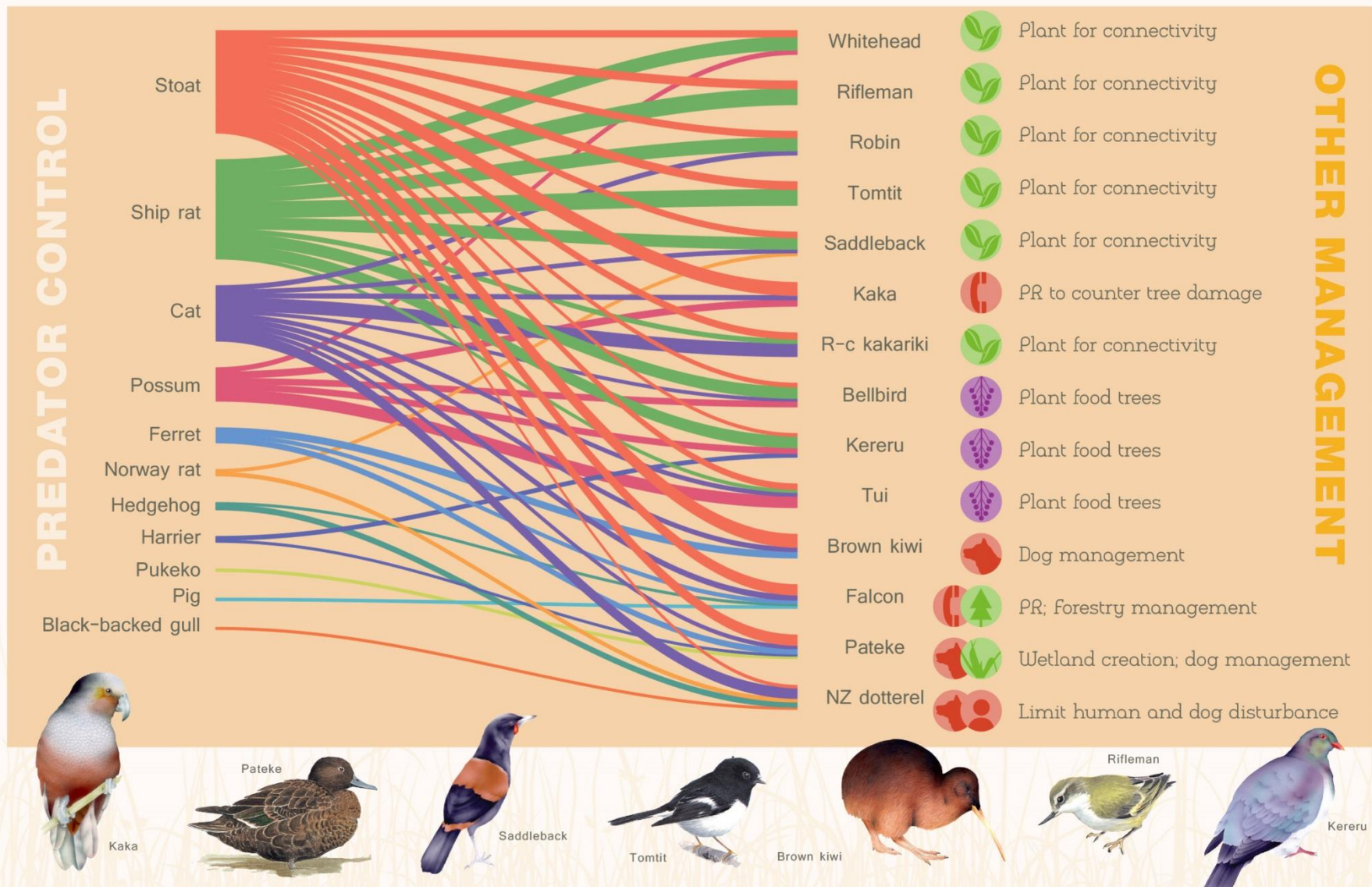
# BIRD mobility and vulnerability







# What do Cape-to-City BIRDS NEED?





# PEST-FREE Cape-to-City 2050



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