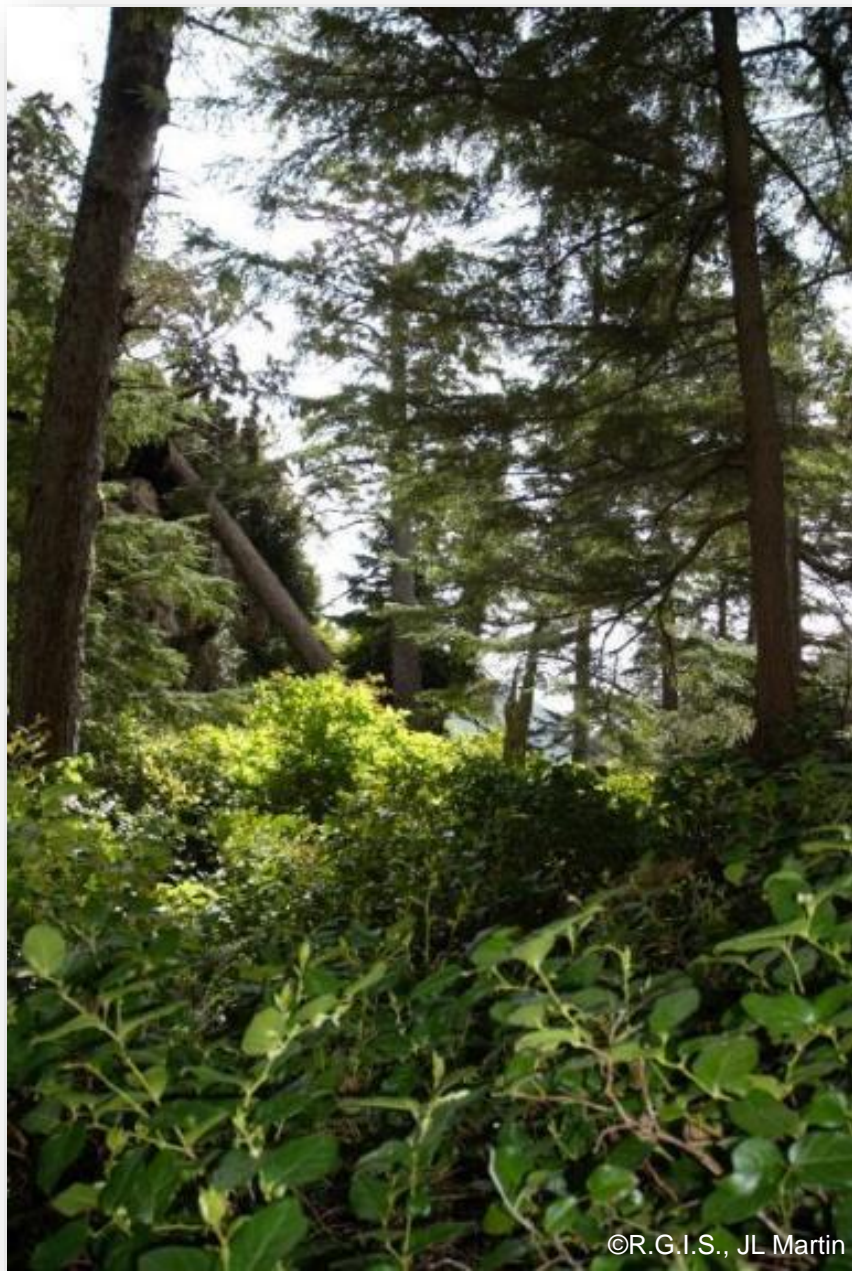


Gained in Translation: Distilling international expertise into local knowledge and support for the Llgaaay gwii sdiihlda- Restoring Balance, Haida Gwaii Deer Eradication

Robyn Irvine*, Miranda Post, Nadine Wilson*,
Peter Dymment, Chris Gill,
Tyler Peet, Ernie Gladstone

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©R.G.I.S., JL Martin

Canada

No Deer



© Parks Canada

Deer

 HAIDA NATION

Cultural Significance

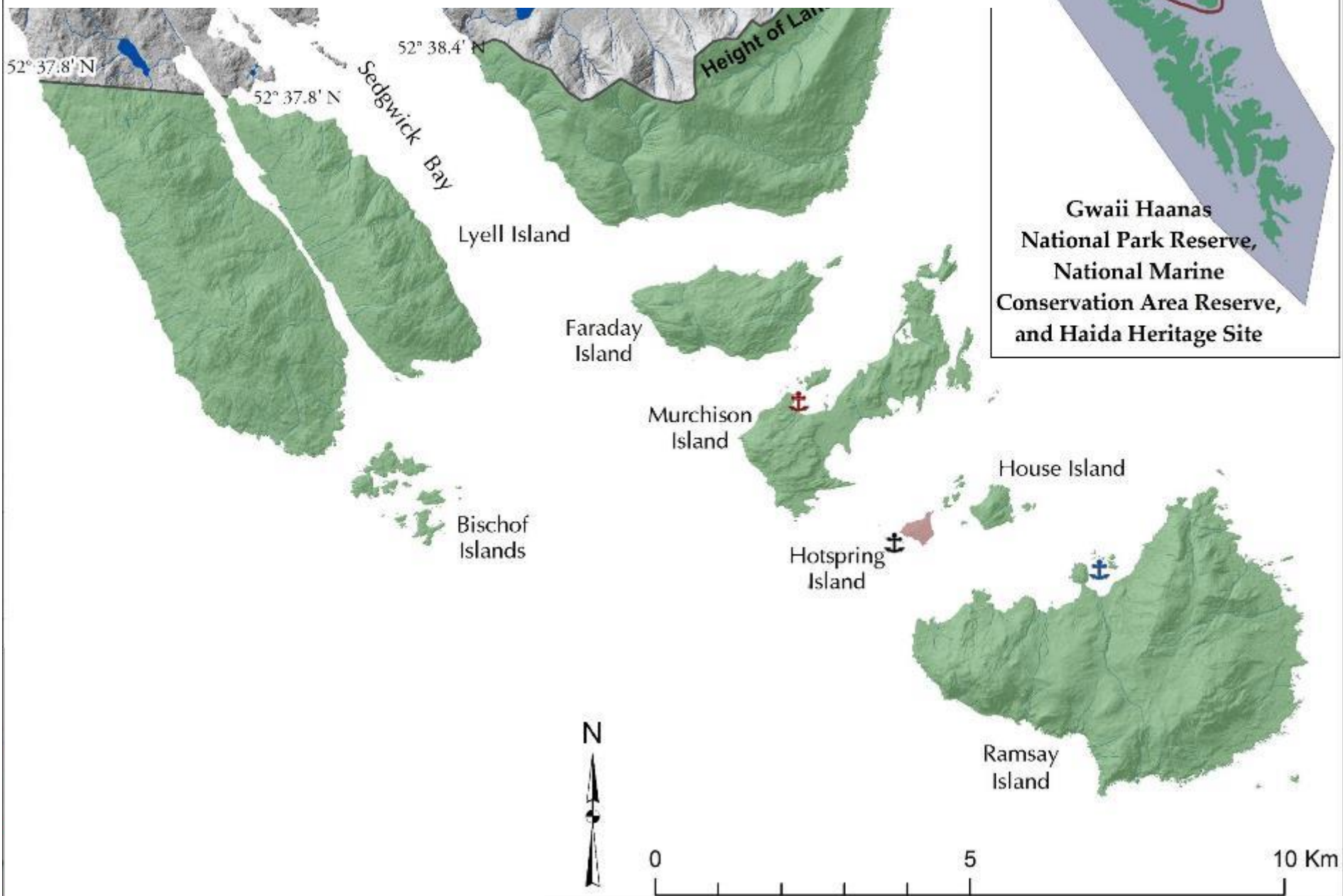


The project site



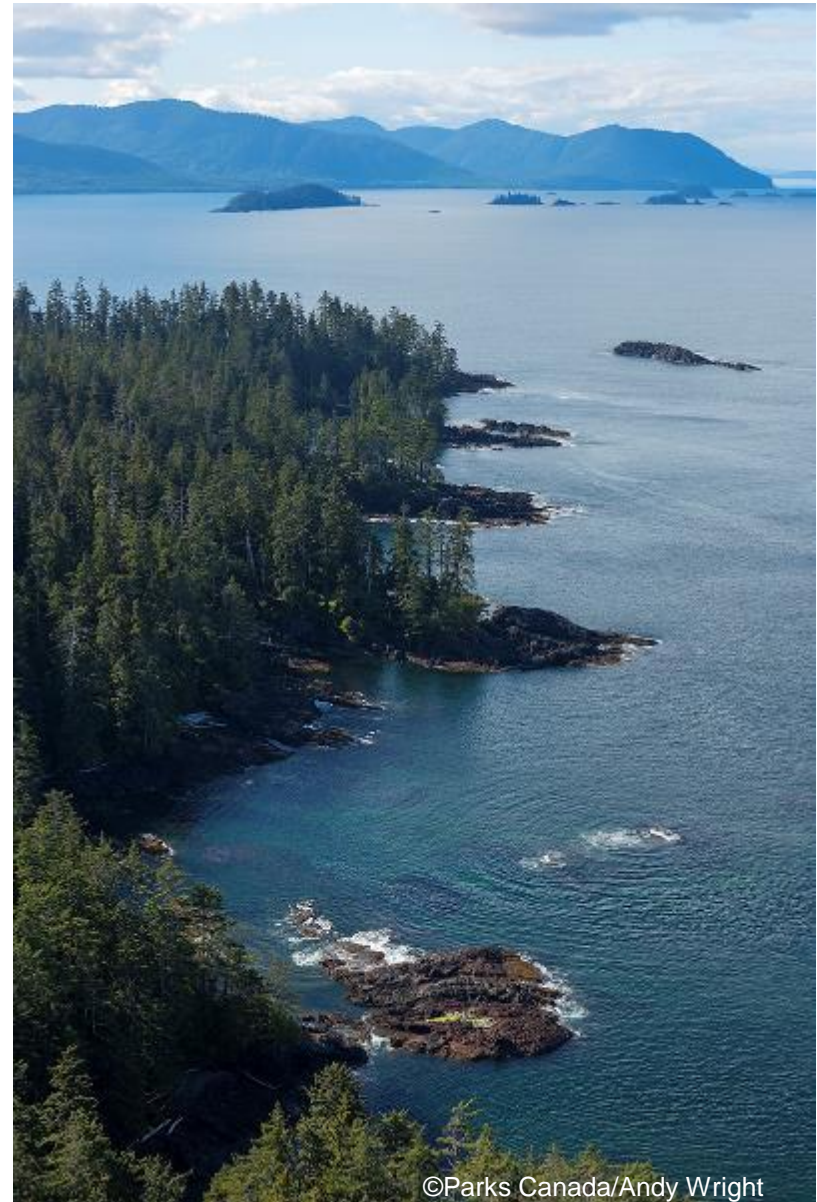
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The project site



Eradication Overview

- Removal of every single animal
- Maintaining all invasive alien species off the islands for 2 years minimum
- Retaining invasive free status in perpetuity as aspirational goal.
- Starts with knockdown method – needs to remove 70-90% of animals
- Mop up method – removes wary and sparse remainder
- Grid searches – confirms zero



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Restoring Balance Operational Plan

Three phase operation

- 1. Bait station hunting*
- 2. Aerial Hunting*
- 3. Dog and Ground hunting*



Baiting Operations



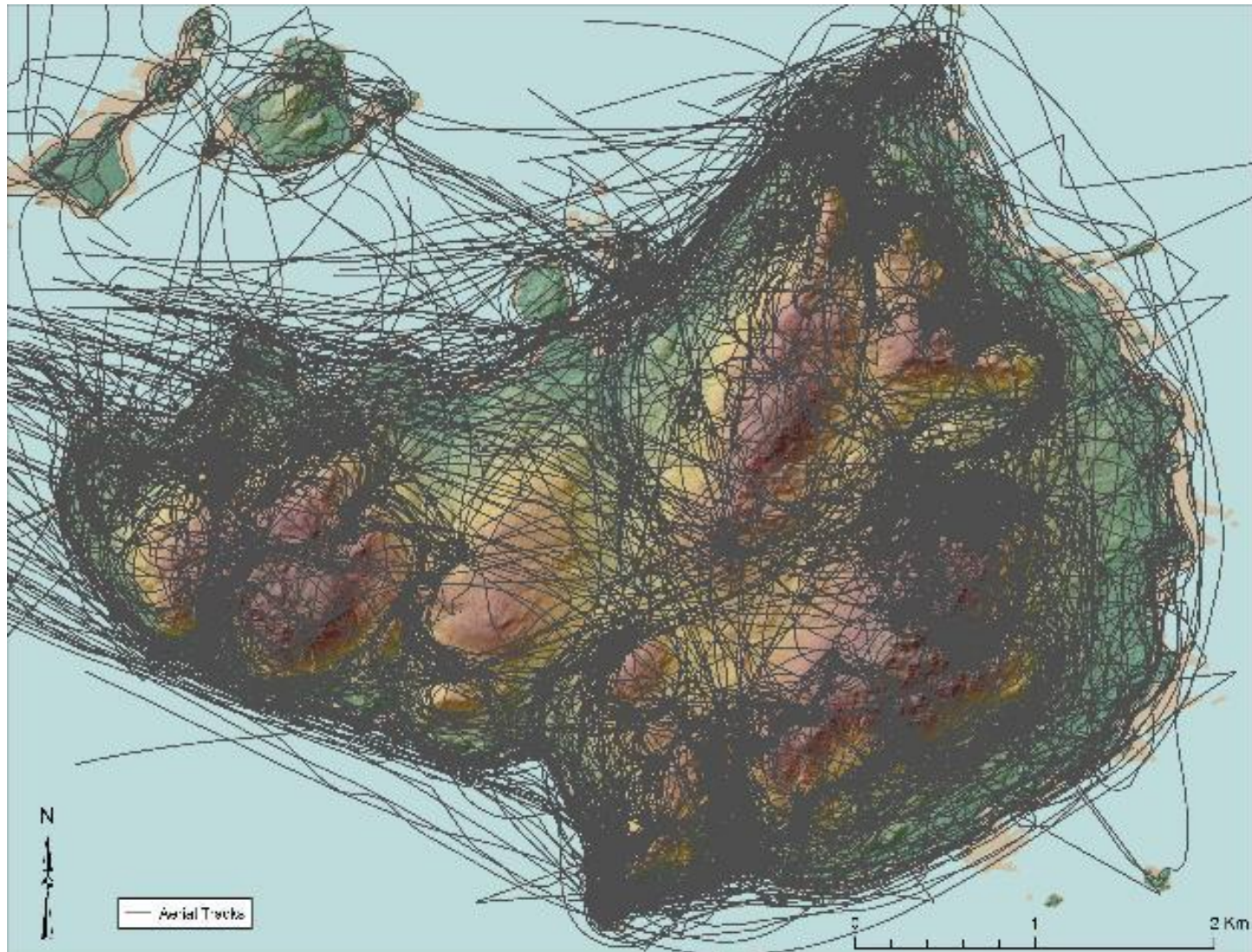
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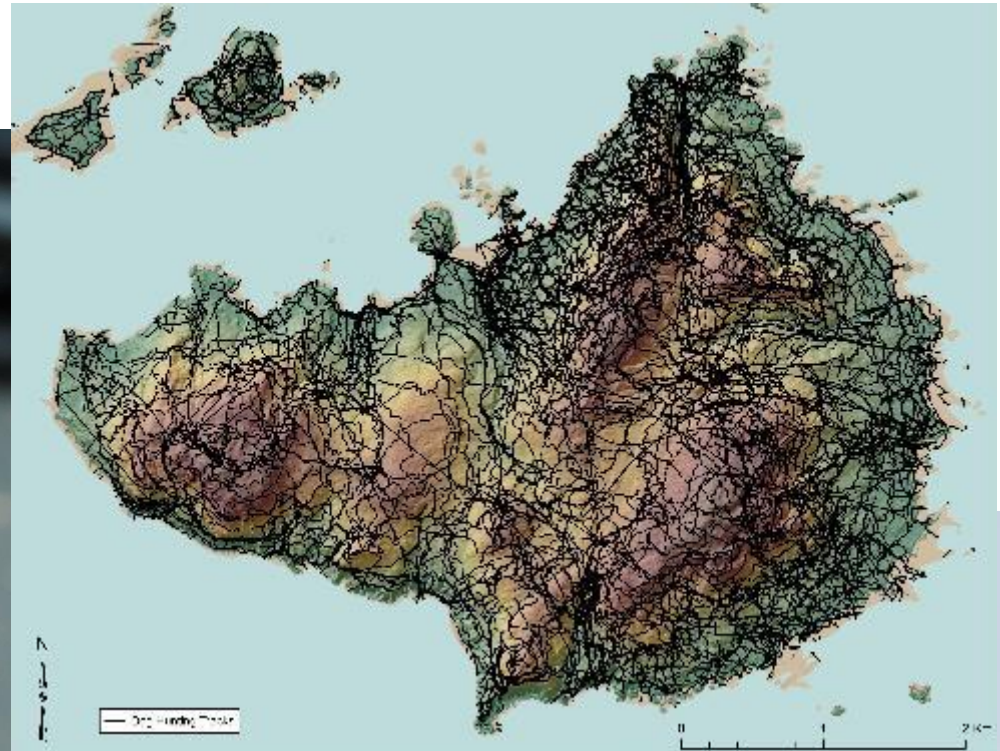
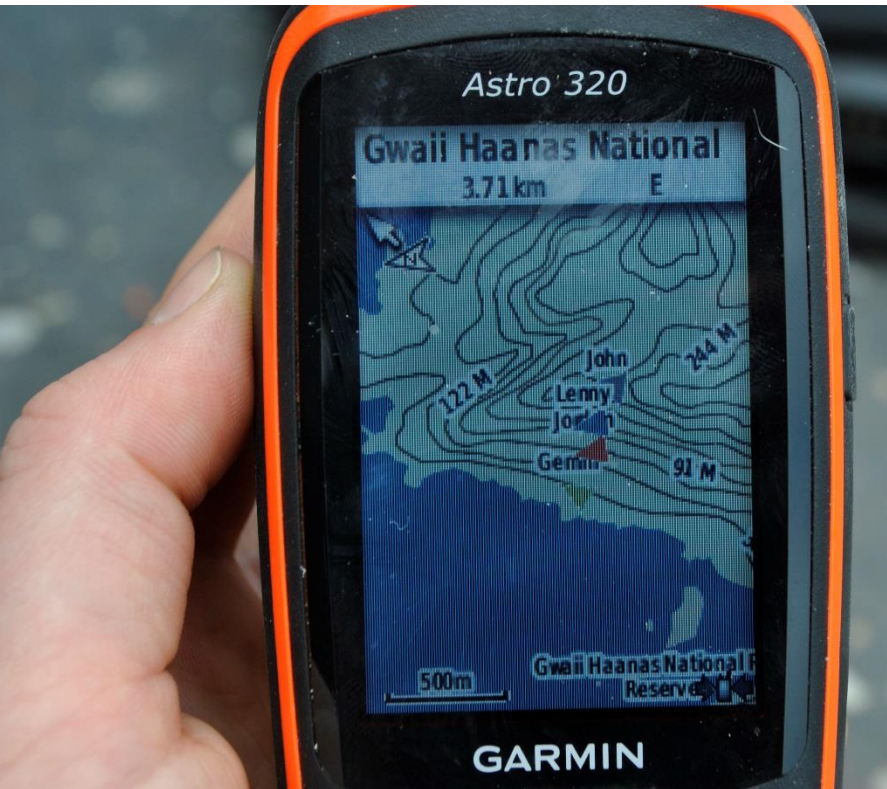
Aerial Operations



Aerial Operations



Dog and Ground Operations



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Boat Operations



Public Relations: Local Communities First



Benefits communicated to local communities early through community events, interpretive programs and select local media outlets

- Venison for local groups
- More cedar for future generations of artists
- Better habitat for shorebirds/seabirds
- Local economic opportunities and capacity building

Community Acceptance and Concerns



Media coverage and community updates



Haida Gwaii is working to restore its natural habitat / Getty Images/iStockphoto

Out with the new and in with the old - the archipelago of Haida Gwaii is trying to restore balance by preserving indigenous species

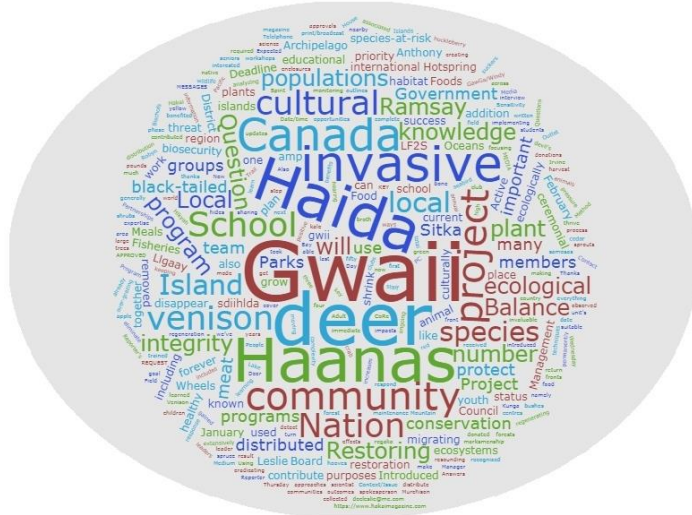
CAROL PATTERSON



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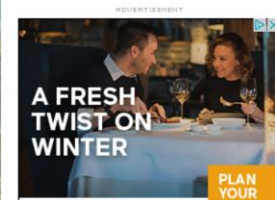
Major deer kill to provide school lunch meat and marksman training for Haida Gwaii

Haida Gwaii wiping out destructive deer on 6 islands

By Carolina de Ryk, Betsy Trumpener, CBC News Posted: Mar 14, 2017 3:10 PM PT | Last Updated: Mar 14, 2017 3:55 PM PT



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Haida Lass - Newsletter of the Council of the Haida Nation



Markmen Jay Jones, James Bulbrook and Tauran Collinson are an integral part of the Restoring Balance team.

Lush life Restoring balance on Haida Gwaii

by Gwaii Haanas Restoring Balance team

When Tauran Collinson thinks about the forests on Xuna Gwaay yasy Ramsay Island, he's excited about the possibility of local youth learning about medicinal and cultural

Haanas is not protected from introduced, invasive species." Collinson has worked at Gwaii Haanas since he was 18. Before that he worked at

dense, the forests are becoming quieter, void of many species which depend on a lush forest understory."

Over-browsing by Sitka black-tailed deer is destroying the forest understory and hindering the growth and survival of key forest species such as t'sai red cedar, Koy'd spruce and Sgan sganw skunk cabbage used in Haida medicines, clothing, art and architecture.

Collinson is one of the many Xaayda working on the Llgayay gwaay sdihiida. Thanks to Gwaii Haanas Archipelago Management Board (AMB) direction, Restoring Balance aligns with long term conservation and cultural restoration goals outlined in the Gwaii Haanas Land Sea People Management Plan.

Learning and Preparing

Since the summer of 2015, Collinson has worked on Llgayay gwaay sdihiida recording plant growth, monitoring tree and shrub vegetation plots, collaring deer, and learning to shoot under stress (aiming targets at various distances in 20-30 second intervals).

Since they received training from local and international experts, Collinson and his team of Gwaii Haanas marksmen - Jay Jones, James Bulbrook and Judson Brown - practice their skills at the Port Clements gun



HAIDA NATION

Results



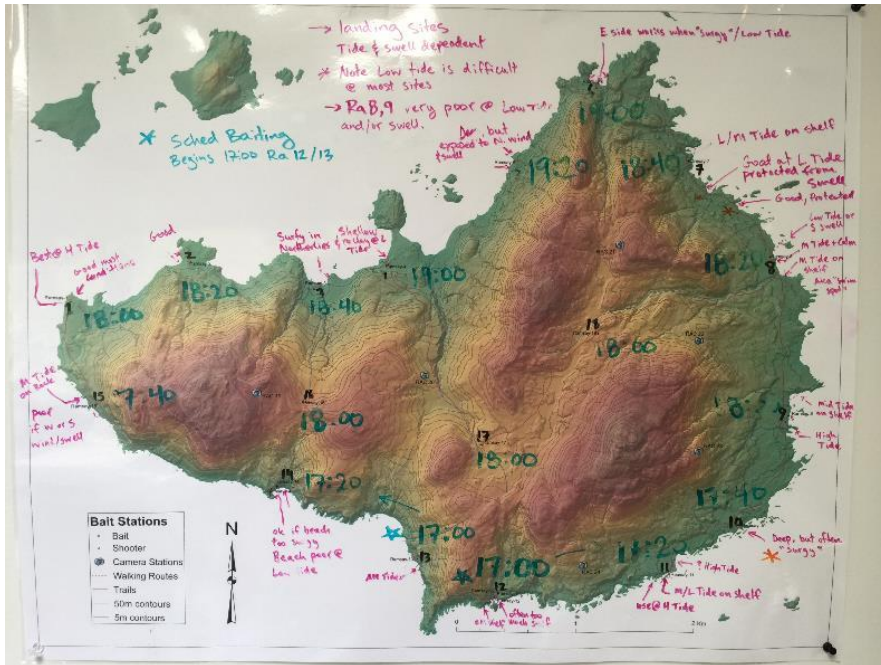
Results

- Learned what worked really well in this setting
- Leveraged but could not directly translate from other projects and countries



Results

- Incorporating local knowledge
- Logistics is massive component especially in remote setting of Gwaii Haanas



Conclusion

