



Kiwi Coast 2024 Annual Report

Kiwi Coast Trust, July 2024



Report prepared by Ngaire Sullivan, Kiwi Coast
Coordinator, July 2024.

This document can be downloaded from the
Kiwi Coast website: www.kiwicoast.org.nz

Design by Abby Davidson Design.

Illustrations by Full Circle Design
& Creative Web Ideas.

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Executive Summary

This Annual Report presents Kiwi Coast's activities and achievements from July 1, 2023 – June 30, 2024. It includes a summary of results since Kiwi Coast began in 2012 against Key Performance Indicators, Objectives and Goals.

Kiwi Coast Coordinators and specialist contractors have now provided 11 years of support to community, hapū and iwi-led conservation projects across Northland with an aim of maximising ecological success.

The momentum of the Kiwi Coast collaborative network shows no signs of slowing down. A further 34 groups and projects got underway and linked into Kiwi Coast during the year, growing the regional network to 259 entities.

The collective area managed by these groups and projects likewise continues to increase, with a further 30,510 hectares now under active stewardship. This results in a total collective conservation management area of approximately 281,510 hectares.

Kiwi Coast Trust provides a platform of support to help these groups and projects carry out effective and efficient pest control for tangible ecological benefits. Introduced pests defoliate forests, compete with native wildlife for resources, destroy nests, wetlands and forest floors and predate on vulnerable native species to the point of extinction.

Thankfully, a record number of 136,646 animal pests were removed from the Kiwi Coast in 2023, helping to keep native wildlife safe and restore habitats. On average, in 2023 approximately 2,600 animal pests were trapped every week. Eleven years of trap catch data collation demonstrates the collective impact being achieved, with the 11-year grand trap-catch tally now sitting at 846,219.

To keep building skills and capacity of projects, a further 28 workshops were held over the past 12 months, taking the 11-year total to 149. These have included both local workshops and regional hui, such as the annual Northland Pest Control Workshop. These collaborative workshops have proven to be a great way of bringing people together to share ideas, skills and perspectives.

A further 4,538 people attended these Kiwi Coast supported events and capacity-building workshops over the past year, taking the 11-year tally to 27,236. These events have also been prime opportunities to deliver key messages around the importance of effective predator control and good dog control for the survival of vulnerable native wildlife such as kiwi, pāteke and matuku hūrepo / bittern.

Continuing to motivate, support and enable successful community and hapū led conservation remains the key. Acknowledgement of the hard work and phenomenal results being achieved by projects linked into Kiwi Coast has been championed via a raft of communications, media, presentations and events. Media releases in 2024 gained international media attention and reached millions of people globally.

Kiwi Coast's partnership with NRC and a multi-year funding agreement with Foundation North has provided a firm base of support for Kiwi Coast operations. Additional funds from sponsors and supporters have assisted with key projects including the opening of a dedicated kiwi rehabilitation centre named 'Te Korowai Atawhai' at Puketōtara, by local hapū Te Whiu at a special opening ceremony in February 2024.

Monitoring results have shown that taonga species such as kiwi and pāteke are now stable or increasing at most Northland sites where the full complement of long-term predator control and good dog control is in place. However, there is still much work to do. Vast areas of Northland remain without pest control, many island kiwi populations now exceed the carrying capacity of their drought prone homes and while a new 'Matuku Mahi' project has detected bittern at a number of Northland sites, they remain on the brink of extinction.

Creating wildlife-friendly "kiwi corridors" via collaborative landscape-scale pest control networks will not only allow vulnerable species such as kiwi to roam and disperse safely, but also restore regional gene flow.

Working together as a collective network, Kiwi Coast can pursue these ambitious ecological aims and ensure Northland's native forests and wildlife can thrive into the future.

Chairman's Report

Tēnā koutou

Chairing the Kiwi Coast Trust for the last three years has been an absolute privilege. It has enabled me to witness first-hand the trials and tribulations, joys and ecstasy, that confront the ardent conservationists from all walks of life, drawn together to arrest and recover our endangered native biodiversity.

The 259 entities linked into Kiwi Coast now provide protection to over 281,510 hectares of Northland. This has been made possible by the funding provided by the Northland Regional Council through our long-term Partnership Agreement, and the foresight of its councillors and officers, recognizing the intrinsic value our flora and fauna play in making up the unique character of Te Tai Tokerau.

This core funding has also enabled the Kiwi Coast Trust to secure a multi-year funding arrangement with Foundation North to further expand the reach and support we can provide to the groups and projects involved. This expansion, as detailed in the Annual Report, demonstrates just how well the skill, drive and dedication of our Coordinators and field-crew have managed the demands placed on them. Thank you Ngaire, Andy, and Lesley, ably assisted by Ali, Mae and Stephen.

Multi partnership projects, as in the case of the Pest Free Purerua- Mataroa, do add complexity, but with careful planning can bring amazing results. Full credit to Andy for working through challenges to amplify this collaborative project with Ngāti Torehina with additional resourcing from Predator Free 2050 and the Jobs for Nature Save the Kiwi Trust funds.

Finally, a special thanks to my fellow Trustees, Dr John Craig, Jane Hutchings, Irene Durham, and Ira Seitzer, whose depth of experience and knowledge, add a well-balanced nuance to the Trust's function.

Chairs of Kiwi Coast Trust hold the role for three years, so by rotation, I stepped down from this position at our 2023 AGM. We are excited to have Puketōtara farmer Jane Hutchings as our new Kiwi Coast Chairwoman in 2024 and look forward to the skills and strength she will bring.

Ngā mihi ki a koutou - a huge thanks to you all. May we continue to work together for years to come.



Mike Camm
Kiwi Coast Chairman, 2023



11 years of **KIWI COAST**



2.5

Kiwi Coast Coordinators

Number of groups and projects involved

Year 1

Year 11

32 → **259**

Hectares collectively managed

66,705 → **281,510**



Pests

846,219

Total pests trapped over 11 years



2,600

Average number pests trapped per week last year

Monitoring & Results

Kiwi populations stable or increasing at most managed sites

11

Annual Northland Kiwi Call Count Surveys supported

2x

5 Yearly Kiwi Listening Blitz's completed

Kiwi returning to silent sites
50% of surveyed sites without kiwi in 2016 had kiwi in 2021



Pāteke 2024 flock count

763 population increasing

2x

5 Yearly Kākā and Korimako Surveys completed

Kākā & korimako sightings increasing



Communication

175,935

No. of website visits over 11 years

1,825

No. of monthly newsletter recipients

9

No. of roadside billboards

Research & Tech

447

Kiwi Coast Listening App users

12

No. of new products & field tests

Follow a KIWI!

Hui & Workshops

12 No. of regional hui held

149 Total no. of workshops held

33 Know Your Dog Workshops in 3 years

27,236 No. of people attended events



Strategic Approach

The Kiwi Coast Trust's Strategic Plan (2017) confirmed our commitment to the following:

- Building capacity and capability across Northland's community-led conservation projects and sustaining the current upward trend of kiwi populations.
- Increasing successful kiwi dispersal and movement between distinct populations through establishing linked collaborative predator trapping and social networks.
- Maintaining a high level of communication to celebrate kiwi as a taonga and engage further communities, iwi and hapū in caring for kiwi.
- Supporting events and skill building workshops to empower active stewardship/ kaitiakitanga to protect and nurture Northland's biodiversity for future generations.
- Exploring new ways of resourcing community and hapū-led conservation.
- Building the resource capacity of the Kiwi Coast Trust towards financial sustainability.

Kiwi Coast Coordinators

The Kiwi Coast Coordinator and Field Support crew have worked on-the-ground to help enable and sustain the groups and projects involved, teaming up with specialist Northland contractors to provide extra support as needed.

Over the last 11 years the Kiwi Coast crew have:

- Coordinated and enabled hapū, iwi and community-led pest control, native species recovery and dedicated kiwi projects.
- Provided on-the-ground support and technical advice for existing projects and assisted new groups to start.
- Supervised contracted professional predator trappers and coordinated the Trapper Mentoring Program.
- Liaised with hapū, iwi, key organisations, businesses and government agencies.
- Where appropriate, prepared submissions on statutory plans and processes.
- Assisted with regional ecological monitoring, including fieldwork, data analysis and reporting.
- Organised Kiwi Coast skill building workshops and kiwi events as well as supporting other community events.
- Communicated community stories, successes, innovations and ideas to help share information, transfer knowledge and encourage projects to learn from one another.



Opening of the Kiwi Coast Kiwi Rehab Centre – 'Te Korowai Atawhai o Puketōtara' with Te Whiu, February 2024.
Photo: Philippa Blomeley

Health and Safety

Kiwi Coast entered into the Sitewise Health and Safety accreditation system in 2019 and has maintained a gold status over 2023/24.

Kiwi Coast Coordinators have completed Workplace Assessments and Chemical Inventories for both the Whangarei and Bay of Islands storage sheds containing pest control equipment, including hazardous materials. Hazard Identification and Risk Management forms were completed in conjunction with site hosts at all events led by Kiwi Coast.

Kiwi Coast Coordinators continued to work with contractors to maintain health and safety procedures in day-to-day work and support their accreditation to *Sitewise*. This has helped to ensure high quality operations across the board, allowed the sharing of new hazards identified and promoted continuous improvement in work safety practices.

Incidents reported by Kiwi Coast contractors have been logged and raised for corrective and preventative action. Wasp sting incidents continue to be the most frequent incident raised. Where relevant, incidents were followed up to assist with preventing reoccurrences or minimising the effect.

Thanks to subsidised courses offered by Volunteering Northland, Kiwi Coast Trust has resourced First Aid training certification for key contractors and as requested by community-led projects. Protective clothing provided by Kiwi Coast to key contractors to supplement their own equipment has included branded sun hats, beanies, high-vis vests and work shirts.

Financial Summary

Kiwi Coast Charitable Trust has continued to both seek and generate funds to enable the support of Northland community and hapū-led kiwi recovery and conservation projects. A total of \$1,212,042 resourced Kiwi Coast operations and key strategic projects over the last financial year (see Appendix 1).

Two multi-year funding agreements continued to provide a firm base of support for Kiwi Coast operations. These include a funding grant with Foundation North and a partnership agreement with NRC. Additional funds from sponsors and supporters were gratefully received and assisted with key projects.

Kiwi Coast's independent income generating mechanisms have grown over the past decade to include merchandise sold at events and through an online shop, and the supply of traps and modified trap boxes for Northland conditions. The popular 'Follow a Kiwi' sponsorships were joined by a dedicated 'Kiwi Rehab' Sponsorship scheme in 2024. These enterprise activities generated \$18,474 over the 2023/24 financial year, helping to grow Kiwi Coast's financial sustainability.

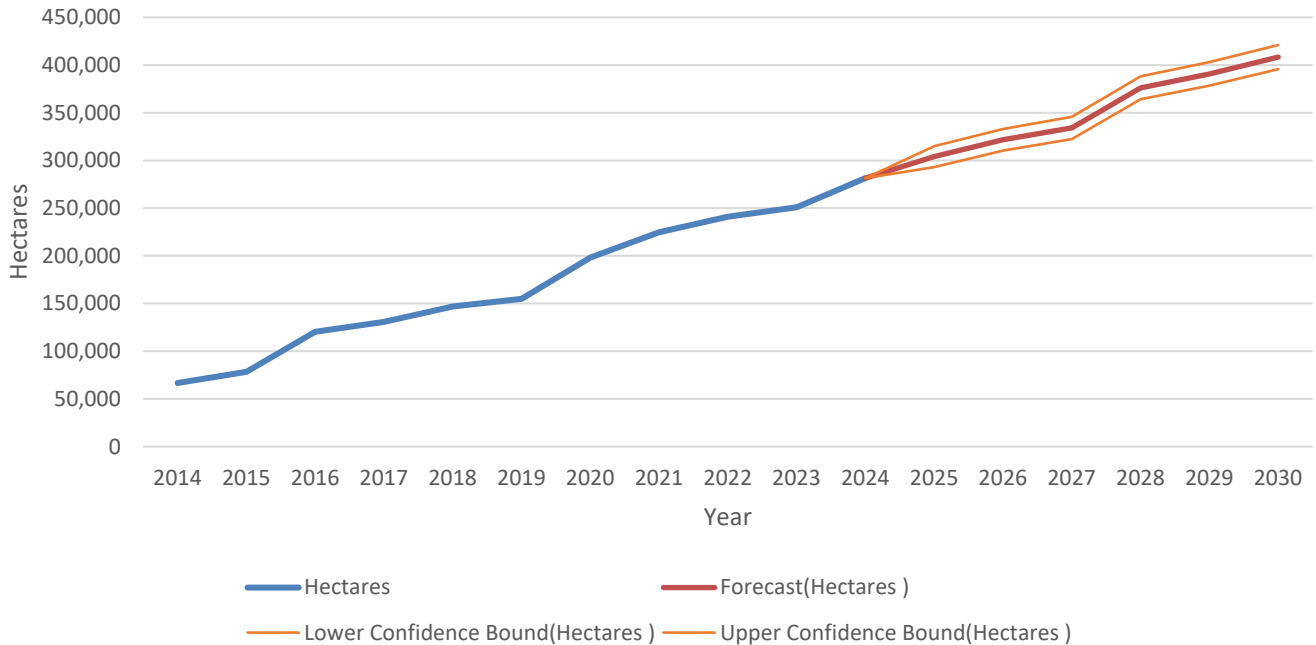


Entities Collaborating in Kiwi Coast

The growth of the Kiwi Coast collaborative network over the past 11 years has exceeded all expectations and the momentum shows no signs of slowing down as shown in Figures 1 and 2.

A further 34 groups and projects got underway and linked into Kiwi Coast during the year, growing the regional network to 259 entities (see Map 1).

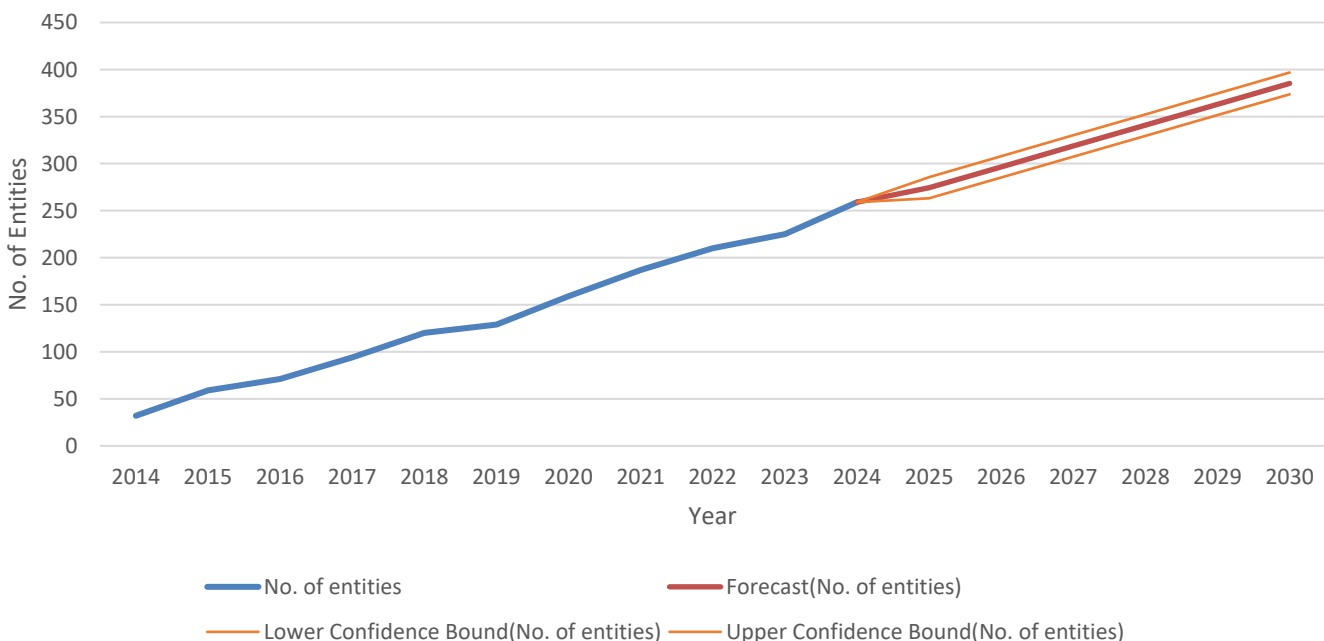
Figure 1: Graph of Number of Entities Linked into Kiwi Coast with Forecast to 2030



The collective area managed by these groups and projects likewise continues to increase, with a further 30,510 hectares now under active stewardship.

This results in a total collective management area of approximately 281,510 hectares across Northland (see Appendix 2).

Figure 2: Graph of Area Under Collective Management by Year, with Forecast to 2030





Map 1: Groups and Projects linked into Kiwi Coast, 2024. Map: Biospatial

Predator Control

Kiwi Coast supports the efficient removal of introduced animal pests that defoliate forests, compete with native wildlife for resources, destroy nests, wetlands and forest floors and predate on vulnerable native species to the point of extinction.

Kiwi Coast assists with enabling effective hapū and community-led pest control - building skills, linking projects and assisting with regional monitoring and data collation to demonstrate the results achieved.

For the past 11 years Kiwi Coast has collated annual trap catch data from all the projects involved to demonstrate the collective impact being achieved. This year a record-breaking 197 Northland projects, groups, and organisations submitted data that showed 136,646 pests were collectively trapped in 2023 alone.

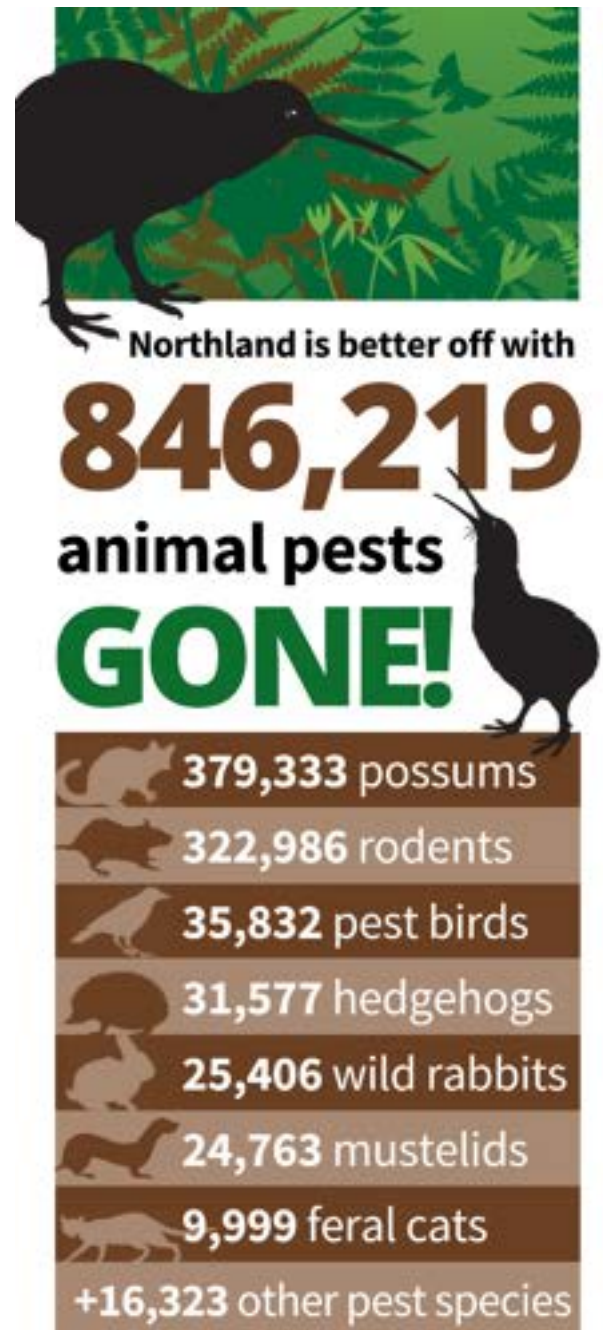
The grand 11-year tally now sits at 846,219 pests, with approximately 2,600 pests on average trapped every week across the Kiwi Coast network.

These results not only demonstrate the sheer hard work and scale of effort, but also generate a sense of pride and mana in the work being done and the results achieved. It helps to show that individually, groups are achieving great results, but together they are achieving something truly phenomenal.

Kiwi Coast Trust also supported and assisted with community-led ground-based pest control operations aimed at reducing trap-wise predators via 2 - 5 yearly controlled pulses of toxins with secondary poisoning effects.

In line with the Kiwi Coast Strategic Plan, Kiwi Coast further supported predator control in key areas to link distinct projects and create continuous trapping networks across the landscape. This aims to boost kiwi survival, breeding success and enable safe kiwi dispersal between distinct populations. In this way, we are collectively building New Zealand's first kiwi corridor and working towards restoring the regional gene flow of Northland brown kiwi.

Kiwi Coast also worked with NRC Predator Free Whangarei and Pēwhairangi-Whanui teams to coordinate additional resources, progress pest elimination goals and amplify biodiversity outcomes.



These figures show pests trapped by Kiwi Coast groups and projects over the past 11 years.

For annual figures, go to www.kiwicoast.org.nz/kiwi-protection/

kiwicoast.org.nz

**KIWI
COAST**

Kiwi Coast Activities

Kiwi Coast Coordinators continue to provide support to Northland community, hapū and iwi-led projects across a range of initiatives. Coordinators help to foster, link and grow the ecological gains of each project and amplify regional conservation success.

Three key areas have been targeted for specific support with dedicated Kiwi Coast Coordinators: the Far North, Mid North-Bay of Islands and the Whangarei Heads – Tutukaka Kiwi Corridor.

In addition, specialist Northland contractors have assisted projects across the region with specific tasks including outcome monitoring, financial administration systems, technical advice and mapping.

Far North

Lesley Baigent has continued to provide dedicated support to groups and projects in the Far North. Key activities over the past year have included providing pest control supplies to projects, encouraging the sharing of skills, environmental education, supporting community capacity building and coordinating ecological outcome monitoring.

Wāhine maia/ Womens Trapping Workshops have proven especially popular in the Far North, with workshops held during the year at Mangamuka, Puketōtara and Kaitaia.

Environmental education with local schools interested in pest control and caring for their kiwi has continued. A 'Pests & Kiwi Roadshow' was presented to five Far North schools. Keen schools were then further assisted with making their own rat trap boxes and trapping around the school grounds. Miriam Ritchie assisted with the visits to Oruaiti, Kaingaroa and Mangonui Schools, bringing her specially trained Conservation 'Rodent Detection' dogs, much to the delight of the students. This proved to be a great way to showcase how dogs can be a positive asset in conservation.

However, kiwi deaths from uncontrolled dogs continue much to the dismay of all those working hard to help Far North kiwi thrive. Kiwi Coast's efforts are ongoing with dog owners, communities, DOC and the Far North District Council to deliver a successful and effective approach that will make a real difference. The 'Know Your Dog Workshops' are a great start.

To safeguard Far North kiwi in the light of ongoing social and environmental challenges, proactive and innovative solutions are needed.

The idea of creating a kiwi creche to help safeguard the Far North kiwi population continues to be progressed.



Lesley Baigent demonstrates setting a DOC 200 stoat trap, Kaitaia Women's Trapping Workshop, December 2023

Mid North – Bay of Islands

There are now 83 groups and projects linked into the Mid North HVA which covers over 90,000ha (Map 2). Dedicated support for the Mid North is provided by Andrew Mentor with field support from Mae Lewis and Stephen Kearney.

In partnership with NRC, key Kiwi Coast activities in the Mid North have included coordination of the Mid North High Value Area (HVA) Steering Group, helping hapū and community-led projects to sustain effective pest control and assisting with ecological outcome monitoring.

Kiwi Coast's collation of trap catch data shows that 58,794 pests were removed from the Mid North in 2023 alone. With some of the highest hourly kiwi call rates in New Zealand, kiwi are thriving thanks to the sustained predator control. Uncontrolled dogs remain a problem however, with kiwi killed by dogs being a persistent problem.

To help care for injured kiwi, Kiwi Coast has built a dedicated kiwi rehabilitation centre in rural Kerikeri. The centre was blessed and opened with local hapū Te Whiu in February 2024 and given the name 'Te Korowai Atawhai o Puketōtara'. A number of kiwi have already been successfully treated at the centre, including 'Splash' who could not wait for the official opening to make use of the facility.



Splash – the first kiwi to receive treatment at the rehab centre with retired vet and Kiwi Coast Coordinator Lesley Baigent. Photo: Dean Wright

Pest Free Purerua Peninsula

The 'Pest Free Purerua' project (PFP) is now in its fourth year of operation across the Purerua – Mataroa peninsula within the Mid North HVA. The 7,600ha peninsula is home to around 25% of Northland's kiwi population.

The project is led by Kiwi Coast, funded by Jobs for Nature via Save the Kiwi, and supported by Ngāti Torehina, Ngāti Rehia, private landowners, Pamu Landcorp, Plant & Food Research, Summit Forests, Bay of Islands International Academy, Department of Conservation, Save the Kiwi Trust, and NRC.

PFP has significantly boosted existing pest control in the area since beginning in 2020 and employs a raft of standard and developing pest control tools and techniques as it "chases zero". The elimination zone is supported by an immediate buffer zone known as Taronui, and the larger protection zone provided by the Mid North HVA.

The intensity of pest control has resulted in significant biodiversity gains and opportunities. 2024 saw the second release of 20 endangered pāteke or brown teal at The Landing, carried out in partnership with Ngātiwai Trust, Ngāti Torehina, the Pāteke Recovery Group and NRC. Post-release monitoring shows the target of 60% survival has been achieved.

However, despite feral cat reduction being a key focus of professional predator contractors, pāteke predation remains a challenge. Trail cam footage suggests just one or two especially cunning and elusive feral cats are responsible, showing the challenges inherent in chasing zero and protecting vulnerable indigenous species.

Further detailed information on work in the Bay of Islands and Pest Free Purerua can be found in the Mid North High Value Area Year 6 Report and the PFP website (<https://pfp.kiwi>)

Whangarei Heads – Tutukaka Coast Kiwi Corridor

Kiwi Coast's Strategic Plan (2017) identifies the area stretching from Te Whara / Bream Head at the tip of the Whangarei Heads peninsula to the Tutukaka Coast as the 'First Focus Area'.

The aim is to link the two established biodiversity strongholds of Whangarei Heads and Tutukaka together via a continuous predator trapping network, engaged communities and good dog control to create New Zealand's first functioning kiwi corridor.

In between the two strongholds, 11 community groups are working together across 15,000 ha to form the 'Kiwi Link' project and bridge the gap.

Kiwi Coast works with the NRC Biosecurity Partnerships team to support the community-led projects from Whangarei Heads, Kiwi Link and the Tutukaka Coast to sustain, intensify and link their projects into a cohesive network.

Results from monitoring kiwi, pāteke and other native birds throughout the area indicate that the collaborative landscape-scale pest control network is having the desired result of helping native forests to flourish and wildlife to increase and disperse.



Te Motu Manu Hine the wandering Kiwi Link kiwi at her 6 monthly health check. Photo: Todd Hamilton

Kiwi Link HVA

Eleven projects between Parua Bay and Ngunguru Ford have been working together as "Kiwi Link" for the last eight years, with core funding from NRC upgraded to a High Value Area (HVA) in 2021.

Map 3 shows the predator traps and projects covering the collaborative 15,000 ha Kiwi Link area. Together these groups have trapped 57,001 roaming animal pests over the past eight years. Annual monitoring results have shown the ongoing pest control has improved forest health and helped to restore birdsong to the once near-silent forests.

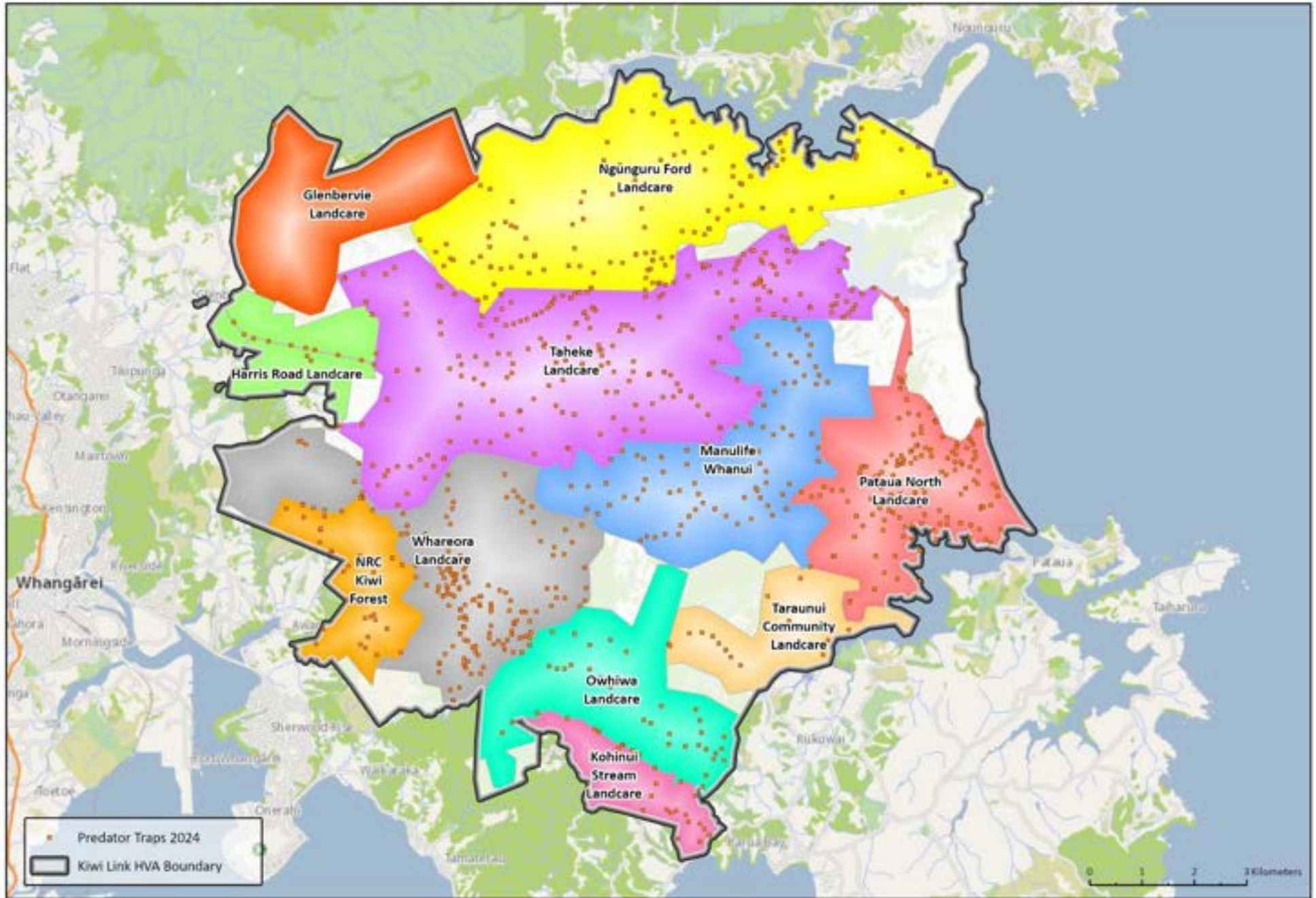
Kiwi Call Count Surveys show kiwi are going from strength to strength as evidenced not only by increasing kiwi call rates but also confirmation of a number of new sites with breeding pairs. Pāteke flock counts and Five-Minute Bird Counts also show upward trends in populations of a range of other native birds. Increasing observations of kākā, korimako/bellbird and kakariki bring hope that such species will return in strength.

These results can be attributed to the ongoing hard work carried out by the many local landowners and land managers involved. The achievements of the Kiwi Link HVA will also be providing a beneficial 'halo' effect for the adjoining Whangarei Heads and Tutukaka biodiversity strongholds. Less pests will be re-invading these areas and native wildlife will be spilling into them.

In addition to funds provided during the 2023/24 financial year by NRC and Kiwi Coast Trust, local land managers, research partners, businesses and private landowners contributed \$510,015 of unpaid labour and resources. This significant contribution demonstrates the outstanding commitment and dedication of the groups and projects involved in the Kiwi Link HVA to their native forests, wildlife and kiwi.

Highlights for Kiwi Link over the past year have included the confirmation of bittern/matuku hūrepo at 6 out of 12 sites surveyed and the successful nesting and fledging of rare kakariki which are rarely seen on the New Zealand mainland. Monitoring data which shows increased kiwi breeding success and dispersal, as well as upward trends of other native bird populations, proves that the hard work of all those involved in Kiwi Link is reaping rewards.

The full Annual Report can be found on the Kiwi Link Annual Report at <https://kiwilink.org.nz/services/>



Map 3: Kiwi Link HVA Groups and Predator Traps, 2024 Map: Biospatial

Regional & Specialist Support

The diverse array of groups and projects linking into Kiwi Coast continues to build, with an increasing number of groups and projects getting up and running and linking in from the west and Far North. This has helped to protect local kiwi populations that may be genetically distinct from those on the east coast, and establish the first building blocks of a west – east kiwi corridor across Northland.

While kiwi are often a uniting factor for inspiration and action, each project has their own specific needs and goals. Hapū, iwi, groups and projects across Northland have been assisted upon request with specialist technical support in addition to the general support provided by the Kiwi Coast Coordinator and Field Support Crew.

Projects from the Far North to the south have drawn upon the dynamic-duo of Lesley and certified ‘Kiwi Dog’ Yagi to provide additional kiwi monitoring support. Together they have assisted with kiwi surveys, provided essential information to exotic forestry harvesting operations and located kiwi as part of specialised monitoring programs.

Groups and projects across Northland have also been provided with specialised monitoring assistance and equipment, Trap.NZ training and GIS mapping expertise. This has enabled projects to initiate targeted outcome monitoring and track progress towards their goals.

To the south, Kiwi Coast has provided support to community projects and iwi in the Piroa – Brynderwyns area to progress aspirations for a kiwi translocation. The Piroa-Brynderwyns Conservation Trust have also begun running their own pest control workshops, including their first Women’s Trapping Workshop in 2024. As projects mature and build independent capacity, Kiwi Coast is able to dedicate time to new projects getting started elsewhere.

As the ‘gateway’ for ferrets into Northland and with relatively high ferret trap catch rates, support is also being provided to the southern projects to spearhead Kiwi Coast’s ‘Zero Tolerance for Ferrets’ initiative. In the 2024 summer, a specialised suite of ferret monitoring tools will be trialled with the Pest Free Kaipara Peninsula’s Project. Once ferrets can be confidently detected in known ferret areas, the tools can be used to investigate areas where projects consider ferrets to be absent.

In the west, increasing pest control and growing linkages between projects in the Mataraua – Mangakahia area are not only benefiting kiwi, but also one of Northland’s last kokako populations.

In time, further location specific dedicated Kiwi Coast Coordinators may emerge. However, the approach of providing roving specialist support appears to have worked well over the last few years to fill the high-level specific needs of some of Northland’s extraordinary projects.



Kiwi Coast and Halo Whakatāne Specialist Kiwi Conservation Dog teams join forces for the Moturoa Island Kiwi Survey, Feb 2024.

Improving Cat & Dog Control and Raising Awareness

Kiwi Coast advocates for responsible pet ownership and supports communities working to reduce feral cats and improve dog control to protect native wildlife. Left unaddressed, feral cats thrive in Northland's temperate forests, preying on insects, lizards, aquatic species and birds – including kiwi chicks. Uncontrolled dogs remain the most significant threat to adult kiwi survival in Northland.

Raising awareness of these issues and stressing the need for good dog control was a recurring theme at all Kiwi Coast events and workshops. 'Kiwi Live Here' signs, customised with group names and selected dog control messages were supplied on request.

While Kiwi Aversion Training workshops are held regularly for hunting and working dogs, few resources have been available for owners of pet and lifestyle dogs in kiwi zones. The new "Know Your Dog" workshops, developed and delivered by Kiwi Coast Far North Coordinator and retired vet Lesley Baigent, have begun to fill this gap and proved to be successful and well received by dog owners. The first workshops were delivered in 2021 and have quickly gained popularity. A further 11 Know Your Dog Workshops were held over the last year, taking the three-year total to 33 workshops.

2018 saw the first of the Kiwi Coast roadside billboards go up in collaboration with DOC in response to requests for help from local communities. Customised billboards in English and Te Reo Māori featuring dog control messaging or advising drivers to slow for road-crossing kiwi are now spread across Northland. Roadside billboards are now in place at Ngunguru, SH1 Hikurangi, Hihi, Mangamuka, Pakaraka, Russell and Pataua North.



New roadside billboard up at SH1 Hikurangi, December 2023

Events & Engagement

Over the last 11 years Kiwi Coast has reached thousands of people through a multitude of meetings, hui, events, workshops and A&P shows.

Presentations have been given to numerous community group meetings, AGMs, government departments, conferences and scientific societies. Kiwi Coast has also participated in regional forums including the Northland Kiwi Forum Working Group and National Advisory Groups, such as the National Kiwi Technical Hui in 2024.

Public events for the release of kiwi and pāteke have attracted crowds of hundreds of people keen to see special wildlife up close before their release. In 2024 alone a further 4,538 people attended Kiwi Coast supported events and workshops, taking the 11-year tally to 72,362 people.

These events have created opportunities to grow understanding of the need for pest control if native species are to persist and engage dog owners in the crucial importance of good dog control for kiwi survival. Post-release remote telemetry monitoring of kiwi as they disperse and breed and the associated story-telling and ongoing communications have enabled these messages to continue to be shared and spread further.

Kiwi Coast has also provided regular opportunities for the regional network to gather to share skills and grow connections between people and places with free hui and workshops. Northland Pest Control Workshops have been held annually with 176 people from over 80 groups and projects attending the 2024 workshop at Okaihau.



Ngairé Sullivan (Kiwi Coast) with Whitu the kiwi, Catherine Langdon & Oak (BBA), Ngāti Kawa & Te Kawaana (Ngāti Kawa, Ngāti Rahiri) at the Opuā Kiwi Release. Photo: Dean Wright.

Moturoa Island – Opuā Kiwi Translocation

In May 2024 Kiwi Coast supported mana whenua Ngāti Kawa, Ngāti Rāhiri and Ngāti Torehina; Moturoa Island families and Bay Bush Action to bring about the first ever translocation of kiwi from an island in the Bay of Islands to the mainland.

Translocation technicalities were led by Kiwi Coast, with support from the Northland Regional Council and DOC, ensuring that kiwi wellbeing and safety were paramount throughout the entire operation.

Kiwi were moved from the mainland to several islands in the Bay of Islands in the late 1980s for safekeeping. This included Moturoa Island which received seven kiwi saved when land was being cleared for pine planting. Thanks to the hard work of Moturoa Island families replanting over 60,000 native plants and maintaining a near pest-free status, kiwi have now exceeded the carrying capacity of the island. The release of 21 Northland brown kiwi into the Opuā State Forest was a dream come true for the Bay Bush Action (BBA) Trust, whose efforts over a decade to reduce animal pests and help keep dogs controlled, have made the area safe for kiwi once more.

Kiwi Coast Coordinator Ngairé Sullivan noted:

“In true Kiwi Coast style this has been a wonderful collaborative team effort, bringing together hapū, landowners, community and government organisations for a very special result. Each kiwi was caught by a trained kiwi handler, checked by two vets, transported in specially made transfer boxes and released by handlers into prepared burrows in Opuā State Forest. It’s a real success story and we are thrilled to have been able to help make it happen.”

“Each kiwi had a slightly different story and personality, which was reflected in the names bestowed upon them by hapū, Moturoa Island families, local schools and the Bay Bush project. This included the first kiwi caught and released being named “Moturoa” and another was named “Whitu” to honour the seven kiwi originally brought to the island.”

Education

Over the last 11 years Kiwi Coast has delivered environmental education modules, activities and events to Northland schools and at large public events.

Online training resources have also been developed, including the Kiwi Call Count Survey and the Kiwi Coast Listening App. Each year, presentations from Kiwi Coast hui and workshops are also shared online so that information can continue to be accessed after the event and for those unable to attend.

In 2024 a new bittern fun-factsheet was created to help increase knowledge and awareness of these nationally-critical birds, and what people can do to help bring them back from the brink of extinction.



Skill Building Workshops

Community conservation leadership and active environmental stewardship have been enabled and supported at over a hundred skill building workshops over the last 11 years. These were provided upon request and tailored to build knowledge and specific skills within the hosting community or project.

A further 28 skill building workshops were held over the past year, taking the 11-year total to 149.

Each collaborative workshop shared technical knowledge and expertise from a range of sources including local professional predator trappers, hapū and community leaders, NRC Biosecurity Staff, DOC and professional training providers.

Skill sharing and capacity building workshops held over 2023-24 included:

- 2024 Northland Pest Control Workshop
- Professional Trappers Fieldtrips
- Local Hands On Pest Control Workshops
- Know Your Dog workshops
- First Aid Courses
- Controlled Substance License Courses

Kiwi Coast 'Wāhine Maia'/Women's trapping workshops have proved especially popular and have helped build the confidence of women to carry out pest control on their properties and with local projects.

Kiwi Coast has also provided transport and sponsored community group members to attend national events such as the annual National Kiwi Hui and Biosecurity conferences and workshops.

Communications

Acknowledgement of the hard work and phenomenal results being achieved by groups and projects linked into Kiwi Coast continues to be championed via a raft of communications, media, presentations and events.

Over the last 12 months Kiwi Coast has implemented an integrated communications strategy designed to:

- build linkages between projects via sharing information, stories and successes.
- celebrate kiwi as a taonga.
- engage people in getting involved.
- build acceptance of animal pest control practices required to restore native forests and wildlife.
- positively encourage good dog control.
- establish the Kiwi Coast as a successful and accessible initiative in which everyone can participate.

The Kiwi Coast ‘Outstanding Group or Project’ within the biannual Northland Regional Council (NRC) Whakamānawa ā Taiao – Environmental Awards was won in 2023 by the Tutukaka Landcare Coalition. These awards are great celebration of the remarkable results being achieved by Northland projects.

Communications included a live, continuously updated website, social media and regular electronic newsletter. Over the last 11 years, Kiwi Coast communications have reached hundreds of thousands of people, both locally and internationally.

As at June 30, 2024:

- 19,420 people visited the Kiwi Coast website over the last 12 months, taking the 11 year tally to 175,935
- 1,825 people subscribe to Kiwi Coast’s monthly e-newsletter
- Facebook ‘Follows’: 2,986
- Instagram ‘followers’: 911
- You Tube subscribers: 479
‘Beach Girl the kiwi’ video views: 77,839

Kiwi Coast has also enjoyed a strong media presence, with articles featuring in an array of local, regional, national and international online and printed media including Radio NZ and MORE FM radio stations, the NZ Herald, Northern Advocate, Northland Age and Newshub. International media attention also sent the story of the new Kiwi Rehab Centre viral, with an AFP reporter informing Kiwi Coast that the story had reached millions of people globally.



Tutukaka Landcare Coalition wins the 2023 Kiwi Coast Outstanding Group Award. Photo: Dawn Dutton

Results and Monitoring

Kiwi Coast is underpinned by a robust scientific monitoring framework that ensures accurate measurement of outcomes. Table 1 presents a summary of monitoring results and the Kiwi Coast Trust’s achievements to date against Key Performance Indicators identified in the 2017 Strategic Plan.

Kiwi

Over two decades of Northland brown kiwi (*Apteryx mantelli*) Annual Kiwi Call Count Survey data shows that populations are generally either stable or steadily increasing (Craig, 2022) at almost all Northland sites where the full complement of integrated animal pest control is in place (traps and toxins) and communities are committed to the excellent care and control of their dogs. This bucks the national trend identified by the Kiwi Recovery Group of an overall 2% decline per annum of kiwi populations (Germano, et al., 2018).

Kiwi Coast’s long-term ‘Kiwi Monitoring Plan’ (Topia, 2014) is based on best practice kiwi monitoring protocols developed by DOC. As well as the Annual Kiwi Call Count Surveys, it includes the use of Kiwi Listening Devices to investigate new sites, and 5-Yearly Kiwi Listening Blitz’s.

Regional Population Trends

Kiwi Coast works with DOC each year to encourage, train and coordinate groups to carry out Kiwi Call Count monitoring, and the data are then analysed by Kiwi Coast and DOC and presented in the following year in the ‘Northland Kiwi Call Count Report’.

The Kiwi Coast Listening App continues to help make the monitoring more efficient and enjoyable. Over 400 kiwi listeners are now registered for the app.

The 2023 Listening Report is yet to be released and data from the 2024 listening season is still in analysis. The most recent regional kiwi population trends are shown in Figure 1 (Craig, 2022).

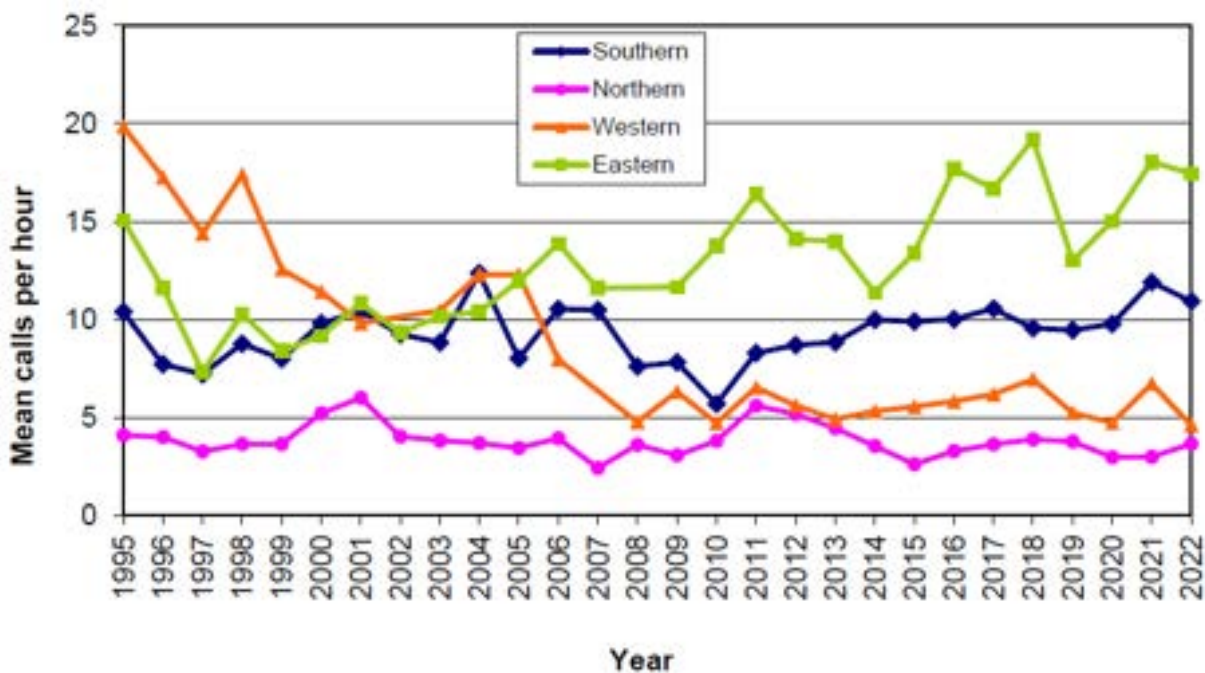


Figure 3: Northland Kiwi Call Count Survey Data 1995 - 2022. Craig, 2022

Indicator Species Monitoring

In addition to kiwi monitoring, Kiwi Coast’s ‘Indicator Species Monitoring Program’ tracks the response of native wildlife other than kiwi to predator control and community stewardship. The species included in this program in 2024 included pāteke/brown teal (*Anas chlorotis*), and bittern/matuku hūrepo (*Botaurus poiciloptilus*).

Pāteke

Pāteke are the rarest mainland duck in New Zealand.

Congregations of pāteke at Northland flock sites have been counted annually in February since 1988 to monitor population trends. Kiwi Coast has worked each year with community groups, specialist staff at DOC, the Pāteke Recovery Group and NorthTec to assist with the flock counts and investigate new sites.

Analysis of the 2024 Pāteke Flock Count data confirmed that the endangered endemic nocturnal ducks have continued to flourish on Northland’s east coast where intense predator control has been sustained. This year the flock count total was 763, a noticeable increase from last year (see Figure 2).

DOC Senior Biodiversity Ranger, Nigel Miller analysed the results and commented:

“The 2024 increase reflects some particularly high counts in the Bay of Islands, Horahora and Ngunguru flocks. Most other Northland areas were pretty stable around previous high counts.

Outside of the flocking sites, there were also plenty of pairs observed still occupying ponds.

‘I’m certain that we would not be looking at such a strong positive pāteke flock trend if it weren’t for the continued efforts of the communities and landowners who collectively keep predator numbers suppressed over large areas of suitable habitat.’”

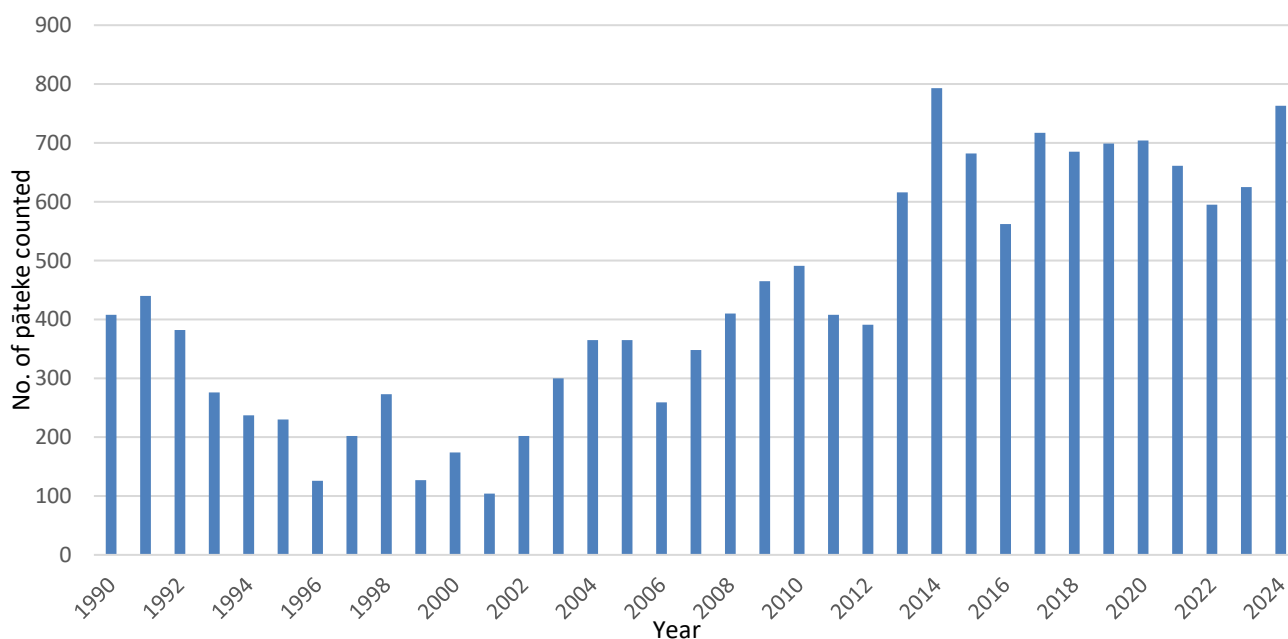


Figure 2: Northland Pāteke Flock Count Data. Source: Department of Conservation, 2024

The Australasian bittern, or matuku hūrepo, is a large, secretive wetland bird. Its distinctive booming call means it is more often heard than seen. Matuku have a threatened status of ‘Nationally Critical’. It is estimated that there are less than 900 birds left in New Zealand. Their numbers continue to decrease mostly due to loss of habitat. Other agents of decline include predation by mustelids, cats and dogs; poor water quality resulting in food scarcity, nest disturbance by humans and road and power line kills.

Currently, there is only a limited understanding of Northland’s matuku hūrepo distribution and no regional population trends have been established to identify if the region’s bittern population is declining, stable or increasing.

In 2023, the first stage of a collaborative “Matuku Mahi” or Australasian bittern monitoring project was carried out across Northland. Kiwi Coast worked together with the QEII National Trust (QEII), Northland Fish & Game, NRC, DOC, Royal Forest & Bird Society, Love Bittern and the Shorebird Trust, farmers, community groups and bittern enthusiasts. The collaborative aim was to investigate bittern distribution (presence) via deploying acoustic recording devices (ARDs) during the peak of male bittern ‘booming’ in spring when they are most likely to be detected.

For efficiency and to cover as many sites as possible, each organisation focused their survey fieldwork on a different area in Northland. Kiwi Coast, QEII and Northland Fish and Game worked together to survey 78 sites from September – November 2023.

Bittern ‘booms’ were detected at 69% (n= 44) of these sites. Analysis was inconclusive at 14 sites. This was due to either insufficient clear data being recorded (n=4) or failure of the acoustic recording device (n=10). Insufficient clear data often related to too much background noise, strong winds or competing activities. For example, a number of sites investigated for bittern presence in early November also recorded fireworks. As well as causing difficulties for analysis, the effect of fireworks on bittern booming is unknown.

Map 4 shows the location of sites surveyed by Kiwi Coast, QEII Trust and Northland Fish and Game and where bittern were detected. As the monitoring was part of the collaborative regional survey, large parts of Northland were surveyed by other organisations and agencies and those data are not shown here.

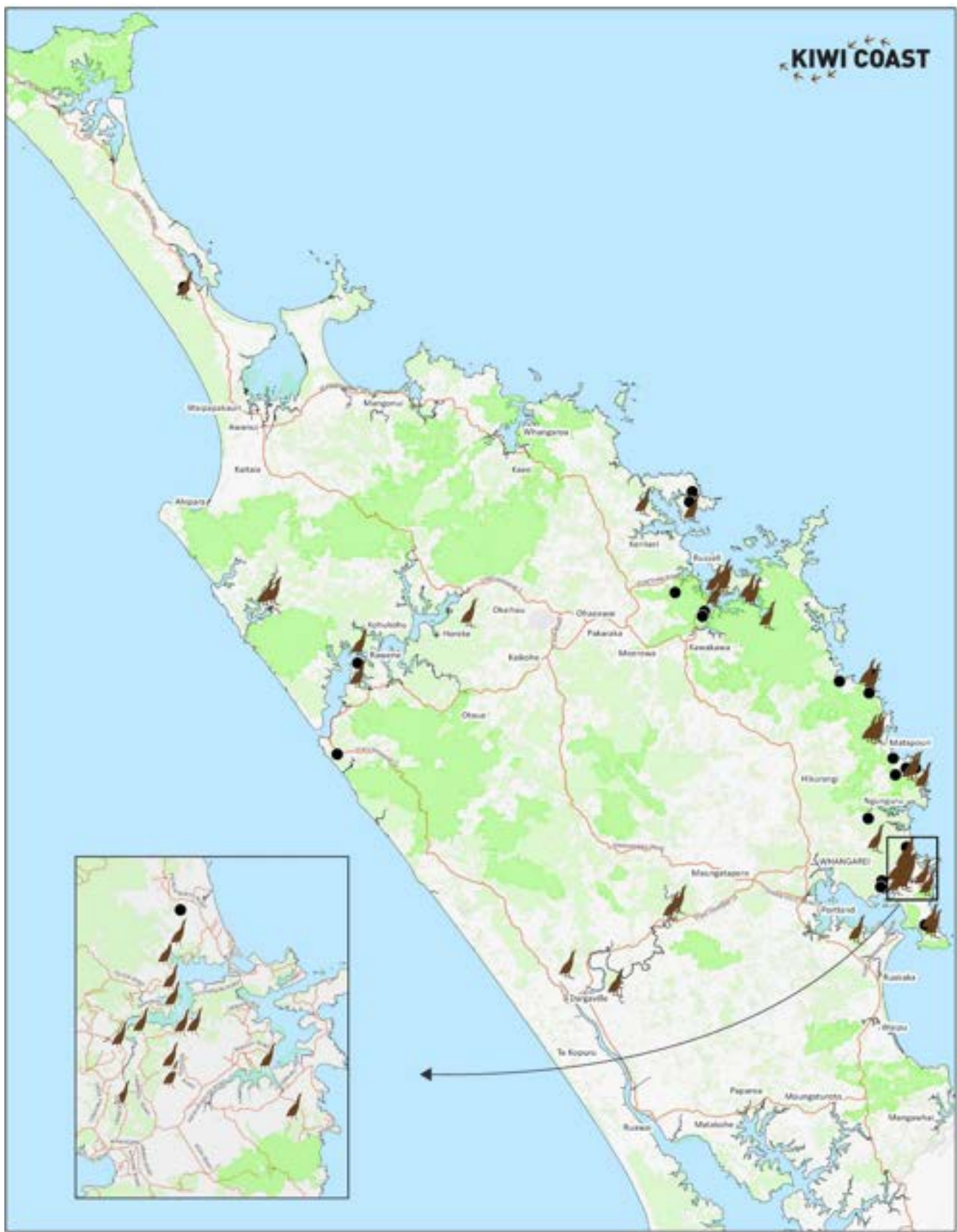
Interestingly, five sites recorded over 1,000 bittern booms during the fortnight the ARDs were deployed. These sites were:

Rank	Site	Total no. of bittern booms
1	Fish and Game: Greenheart Wetland, Poroti	1,689
2	Awa Way, Taraunui	1,376
3	Te Kowhai Point Road, Bay of Islands	1,172
4	Campbell Rd 2, Parua Bay	1,037
5	Tahi Saltmarsh, Pataua North	1,004

The full report can be downloaded here: https://kiwicoast.org.nz/wp-content/uploads/2024/07/Northland-2023-Matuku-Monitoring-Survey-Report_Kiwi-Coast-QEII-Fish-and-Game_June-2024-1.pdf



Cryptic bittern at Ruakaka, 2023. Photo: Kieran Pullman



0 5 10 20 Kilometers
Scale 1:500,000 (A3)

Kiwi Coast 2023 Bittern Survey Map - Northland

- Legend**
- Bittern Not Detected
 - 🦩 Bittern Present
 - 🌿 Native Forest
 - 🌱 Vegetation

Table 1: Kiwi Coast Key Performance Indicators, Measures and Outcomes

Objective	Key Performance Indicator (KPI)	Source of Measure	Expected Outcome	Baseline Information	Results Summary as at June 30, 2024
Northland brown kiwi populations in eastern Northland are increasing.	An overall upwards trend of kiwi populations in managed sites linked into Kiwi Coast.	Annual Kiwi Call Count Survey. Northland brown kiwi distribution map of high and low density kiwi populations (DOC).	Increased kiwi population.	Northland Annual Kiwi Call Count Survey data since 1995. DOC Kiwi Distribution Maps.	Stable or increasing Northland kiwi population trends at managed sites. Kiwi Distribution Map last updated by DOC in 2016. Kiwi Coast Listening App: 447 users
Northland brown kiwi are dispersing into new sites.	Northland brown kiwi confirmed at new sites.	Kiwi Coast 5-yearly Kiwi Listening Blitz.	Expanded Northland brown kiwi distribution.	Kiwi Coast Baseline Kiwi Listening Blitz (2016).	Scheduled Kiwi Listening Blitz's completed (next due 2025).
Northland brown kiwi populations are linked via safe kiwi corridors.	Northland brown kiwi are moving between separate populations.	Telemetry monitoring of transmitted kiwi. Possible DNA monitoring as techniques and expense allows.	Kiwi tracked moving safely through and between project areas.	Existing telemetry data.	Transmitted kiwi tracked moving successfully within Tutukaka Coast, Whangarei Heads and Kiwi Link.
Northland's biodiversity flourishes.	Increased populations and distribution of key native indicator species.	Kiwi Coast Indicator Species Monitoring Program: Participation in DOC led Annual Pāteke Flock Counts 5-Yearly Kākā & Korimako Surveys	Populations of native species increase. Expanded distribution of native species in Northland, including return of species currently restricted to offshore islands back to the mainland.	DOC Annual Pāteke Flock Count Survey data since 1993. Kiwi Coast Baseline Kākā & Korimako Survey (2016).	2024 Pāteke Flock Count Survey shows increase to 763. Distribution continues to expand in eastern Whangarei. Year 1 Matuku Mahi survey detected bittern at 69% of surveyed sites.
Animal pest populations are reduced by landscape scale predator trapping networks.	Animal pests in eastern Northland are being actively controlled to declared levels.	Annual collation of trap catch data. Hectares under management.	Kiwi populations increase and can disperse safely into new areas. Populations and distribution of native species increase in Northland.	Annual collation of pest control results and hectares under management. Annual group reporting and GIS analysis.	846,219 animal pests collectively trapped over past 11 years. Approximately 281,510 hectares collectively under active management by groups and projects.

Objective	Key Performance Indicator (KPI)	Source of Measure	Expected Outcome	Baseline Information	Results Summary as at June 30, 2024
Community, iwi/hapū-led conservation projects are linked through the Kiwi Coast.	Numbers of community, iwi/hapū-led conservation projects participating in the Kiwi Coast.	Tally of number of entities involved.	Community-led projects work together towards the shared vision of building NZ's first kiwi corridor.	No. of projects involved tallied since Year 1.	259 groups, projects and organisations involved (see Appendix 2).
Community and iwi/hapū have the skills and resources needed to engage in biodiversity stewardship / kaitiakitanga to the full extent they wish.	Capacity and skill building workshops are held upon request of communities.	Number of skill building workshops held. Number of people attending Kiwi Coast supported events and workshops.	Communities, iwi and hapū are actively and effectively involved in biodiversity stewardship / kaitiakitanga.	No. of workshops held recorded since Year 1. No. of people attending events and workshops recorded since Year 1.	149 workshops held since 2013. Total number of people at Kiwi Coast supported workshops and events since 2013: 27,236
Increased understanding, knowledge and support for kiwi recovery.	Integrated communications system has strong regional and national presence.	Communications reach.	Increased number of people engaged in kiwi recovery and accepting of methods needed for success.	Analysis of communications data since Year 1.	Website visits 2023/4: 19,420 11 year tally: 175,935 Monthly newsletter: 1,825 subscribers, 52.2% opening rate (Industry average is 37%). <u>Social Media:</u> Facebook 'Follows': 2,986 Instagram : 911 followers. You Tube subscribers:479 'Beach Girl the kiwi' views: 77,839
Kiwi Coast has a financial mechanism in place to generate independent income.	Financial mechanisms developed and generating income.	Amount of independent funds being generated.	Kiwi Coast has an independent income stream to help sustain community-led kiwi recovery.	No financial mechanism in place in Year 1.	Kiwi Coast online store and merchandise range extended. Charitable Trust status gained in 2017 to enable donations and sponsorship. "Follow a Kiwi" and KC Rehab Centre sponsorship schemes.

Research and Technology

Kiwi Coast Trust works with a range of specialist contractors, innovators and research partners to assist with the development of new tools and technology that will help Northland projects find efficiencies and maximise ecological gains.

In addition, field tests of novel pest control tools have been supported with the intention of saving individual community projects spending hard-won funds on products that may still need modifications to work effectively in Northland conditions.

Oceansense Acoustic Monitors & Kiwi Call Recognition Software

Kiwi Coast is working with Oceansense to create improved acoustic monitors and develop automated kiwi call recognition software.

The 2023 Bittern Survey provided a good opportunity to trial and improve 10 initial prototypes of the Acoustic Monitors. Results showed that while the devices could successfully detect bittern, further improvements could aid sound clarity and device performance. Upgrades were quickly made by Oceansense and devices were re-trialled, further improved, and trialled again. Oceansense have proven to be very resilient and innovative partners for this tech development.

With the next Kiwi Coast Kiwi Listening Blitz beginning in 2025, the focus now turns to progressing the kiwi call recognition software. Data from the 2024 Northland Kiwi Listening Survey is currently being trialled with the software to compare results to standard human analysis using the Oceansense Freebird software.



Prototype Oceansense Acoustic Monitor

Kiwi Chick Dispersal Research

Pataua North Landcare was granted a Wildlife Act Permit in 2023 to investigate the survival and dispersal of kiwi chicks. This work will help to determine the true success of kiwi translocations into the area which started in 2017 and is being supported by Kiwi Coast.

Ten adult male kiwi are being monitored, the majority of which are original founders from the translocations. Monitoring the males through nesting then allows the subsequent monitoring of their chicks.

Researcher Carl Dowd reports:

“The first season of this study has produced some exciting preliminary results. We saw survival of 71% of kiwi chicks which is astounding and similar to survival rates of kiwi chicks within predator free sanctuaries and islands.

This is tribute to the awesome pest and dog control work being done through Kiwi Link allowing these taonga to move freely and safely across properties.

Keeping up with the dispersal of kiwi chicks from their nest site proved challenging. Within their first year some kiwi chicks had moved up to 8km and are still on the move. Others stayed closer to home and were still within 1km of their nest site at 1 year of age. We tracked chicks starting to leave their parents territory at around 6 months of age, although some stayed for much longer. We also found chicks would crèche themselves in groups in wet swampy areas with many chicks being from different nests/parents.

This work is beginning to show how successful our pest control can be. Without pest control 95% of kiwi chicks are killed by stoats in their first year, whereas we can produce 71% kiwi chick survival with quality pest control.”

Summary

Kiwi Coast remains committed to championing community, iwi and hapū led active environmental stewardship across Northland. With Kiwi Coast Trust offering a platform of support, an increasingly cohesive korowai of protection is being woven for native forests and wildlife of Te Tai Tokerau.

The resources brought in by the Kiwi Coast Trust through the NRC Partnership, Foundation North grant and a growing number of sponsors have been used extremely efficiently. Funded operations and activities have resulted in an array of ecological successes, as proven by an suite of monitoring data.

The 846,219 animal pests collectively trapped are testament to the ongoing hard work of Northlanders on farms, forests and private blocks. With iconic kiwi as our collective flag-bearer, projects can work autonomously while contributing to collaborative landscape-scale pest control networks.

Pest control motivated by iconic species such as kiwi, has had widespread flow-on benefits to communities and biodiversity. These benefits are both tangible and intangible. They include improved native forest health, the return of birdsong to once silent forests, the recovery of threatened species and the empowerment of people, living confidently in increasingly cohesive communities as they come together to care for their special places and cherished taonga.

Kiwi Coast Coordinators have provided a raft of support, training and practical workshops to help build the skills and capacity of the groups and projects involved. The solid base of support for community, hapū and iwi-led projects across Northland has assisted groups to share their knowledge, stories, successes, lessons and innovations. It has been backed by a multi-pronged communications network and an array of community events, workshops and hui, ensuring Northland projects are able to grow and learn together.

The incessant reinvasion of pests into managed areas, continued dog kills of kiwi, and increasing frequency of prolonged droughts and floods however, all pose major threats that could quickly undo the gains made to date if left unaddressed. Potential exhaustion of community-led conservation projects that have been working hard for over two decades must also be acknowledged.

Seeking efficiencies, maximising ecological gains and ensuring upward trends of kiwi populations are sustained remain key strategic priorities of the Kiwi Coast Trust. With the first predator-free peninsula projects underway in Whangarei and Purerua, 'chasing zero' is replacing mindsets of endless pest suppression and creating opportunities to return native species to areas where they have dwindled or been lost over time.

Monitoring results have shown that such as kiwi and pāteke populations are now stable or increasing at most Northland sites where the full complement of long-term predator control and good dog control is in place. Strengthening wildlife-friendly safe dispersal corridors with further pest control is vital. It not only allows vulnerable species such as matuku to find resources needed in times of scarcity and stress, but enables roaming kiwi to travel between discrete population patches and find mates - restoring regional gene flow.

The sustained removal of pervasive animal and plant pests not only restores the health of habitats and rebuilds native species populations, but also creates climate change resilience in our ecosystems. The landscape-scale pest control across Northland can now be considered as a regional nature-based response to climate change. Further work is needed to explore this concept.

The task ahead for the Kiwi Coast is to maintain momentum and strategic direction to ensure the continued wise use of resources that will most benefit Northland's native forests and wildlife and ensure communities, iwi and hapū are firmly in the driving seat of New Zealand's first kiwi corridor.

The Kiwi Coast Trust again thanks all the groups and projects for their enduring and relentless hard work. Many thanks also to our partners Northland Regional Council, principal funders Foundation North, Save the Kiwi Trust, generous donors, the keen 'Follow a Kiwi' fans, and Kiwi Rehab Centre sponsors. We are privileged to work with you all on this amazing initiative.

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Appendix 1:

Kiwi Coast Trust Financial Summary July 1, 2022 – June 30, 2024*

Income

Foundation North Grant (Year 3 - to Oct 2023)	\$246,125
NRC - KC Partnership Funds	\$201,422
NRC - Kiwi Link HVA	\$127,522
NRC - Predator Free Purerua Mataroa Project	\$516,000
Save the Kiwi Trust JFN - Pest Free Purerua Project	\$100,000
DOC Community Fund - Te Waka Kaitiaki Project	\$2,500
Donations and Sponsorship	\$10,404
Sales - Kiwi Coast Merchandise etc	\$1,304
Sales - Pest Control Equipment	\$766
Services Invoiced eg Monitoring	\$6,000
Total Income	\$1,212,042

Less Operating Expenses

Accountancy, Insurance, Transaction and Audit Fees	\$9,250
Administration & Financial Management	\$22,115
Building Predator Trapping Capacity Trapper Mentoring	\$6,963
Communications	\$28,533
Contractors - Trapping & Pest Control	\$245,263
Contractors - Monitoring Support	\$3,750
Dog Owner Engagement & Workshops	\$9,389
Environmental Education, Engagement & Events	\$26,593
Health & Safety	\$7,875
Kiwi Coast Coordinators - Labour & Mileage	\$366,487
Kiwi Coast Field Support	\$9,988
Kiwi Coast Trapper Training Workshops and Field Trips	\$19,687
Kiwi Listening App Maintenance & Updates	\$600
Mapping	\$2,075
Meeting, Hui and Travel Costs	\$5,929
Merchandise Expenses - Cost of Goods Sold	\$2,128
Monitoring Equipment & Consumables	\$10,627
Monitoring Indicator Species	\$29,206
Monitoring Kiwi	\$27,069
Pateke Release & Monitoring	\$24,480
Animal & Plant Pest Control Products	\$147,461
Resources for workshops and events	\$10,121
Specialist Community Project Support	\$21,362
Strategic Project Support incl BoI Kiwi Rehab Centre	\$14,105
Training Courses for Community Groups	\$1,926
Trial and develop wildlife/kiwi corridor monitoring	\$7,176
Trial New Trap Technology	\$8,127
Total Operating Expenses	\$1,068,287
Surplus	\$143,755

Notes:

- Surplus largely due to operational funds remaining from Foundation North Grant end date of Oct 2023)
- Excludes GST and does not include funds or expenses of umbrellaed projects

Appendix 2:

Entities, projects and groups linked into Kiwi Coast as at June 30, 2024

No.	Name	Location	Project Area (hectares)
1	Aroha Island	Kerikeri	18
2	Backyard Kiwi	Whangarei Heads	5,845
3	Baldrock Trappers	Kaiwaka	1,697
4	Bay Bush Action Trust	Opua, Bay of Islands	1,544
5	Blue Gum Lane	Kerikeri	19
6	Booth	Waipapa	357
7	Bream Bay College Rat Patrol	Ruakaka	2
8	Bream Head Conservation Trust	Bream Head	1,096
9	Bream Tail Farm	Bream Tail	455
10	Broadwood Trap and Track	Broadwood	100
11	Brynderwyn Barrier	Brynderwyns	3,937
12	Campbell Rd Landcare	Pataua	348
13	Candy's Farm	Okaihau	598
14	Cavalli View Trappers	Takou Bay	1
15	Cemetery Road Landcare	Maunu	48
16	Church Rd	Peria	45
17	Commodore Farm	Matauri Bay	20
18	Coopers Beach Urban Pest Control	Coopers Beach	10
19	Corymbosa Charitable Trust	Ruatangata West	8
20	Cottle Hill Landcare	Kerikeri	12
21	Craigmore Horticulture	Kerikeri	161
22	Di's Farm	Maungakaramea	89
23	DOC Whangarei Kiwi Sanctuary and Pateke projects	Various	13,268
24	Doubtless Bay Landcare	Doubtless Bay	356
25	Dunlop & Craig Farm	Otonga	445
26	Durham Road Farms	Waipu	300
27	Eastern Bay of Islands Preservation Society	Eastern Bay of Islands	n/a
28	Faraway Project	Arapohue	250
29	Farrand - River Drive	Kerikeri	11
30	Fish & Game - Flaxmill Wetland	Dargaville	69
31	Fish & Game - Jack Bisset & Greenheart Wetland	Poroti	113
32	Fish & Game - Underwood Block	Dargaville	340
33	Flagstaff	Waipu	157

34	Flemings	Whangaroa	117
35	Forest and Bird	Northland	n/a
36	Friends of Matakohe/ Limestone Island	Matakohe/ Limestone Island, Whangarei Harbour	608
37	Friends of Rangikapiti Pa & Mangonui School	Coopers Beach	247
38	Friends of Rangitane Stream	Kerikeri	20
39	Glenbervie Landcare	Glenbervie	998
40	Glenbervie Pest Control Group	Glenbervie	116
41	Glenbervie School EE	Glenbervie	1
42	Harris Rd Area Landcare	Glenbervie	550
43	Hawkhill Farm	Morewa	124
44	Helena Bay Estate	Helena Bay	155
45	Hillbilly Trappers	Owhiwa	267
46	Honeymoon Valley Landcare	Peria	2,426
47	Hukerenui CPCA	Hukerenui	1,621
48	Hupara Landcare	Hupara	1,428
49	Jack Bush	Otangaroa	20
50	JH Dowell Trust	Day Point	40
51	Jonathan Rae Trust	Takou Bay River Scenic Reserve	72
52	Jude Rd Forest Care	Mangawhai	350
53	Kaiaka Landcare	Peria	100
54	Kaiatea Landowners	Ngunguru	320
55	Kaikohe Christian School	Kaikohe	1
56	Kaikohe Reserve	Kaikohe	50
57	Kaimamaku Landcare	Kaimamaku – Kaiikanui	2,818
58	Kaipara Forest Conservation Trust	Houto	1,508
59	Kaiwaka Community Pest Control Group	Kaiwaka	500
60	Kapawiti Kaitiaki	Mangawhai	267
61	Karetu School	Karetu	1
62	Kauaepepe Landcare	North Hokianga	245
63	Kauri Cliffs	Matauri Bay	2,172
64	Kauri Landcare	Kauri	231
65	Kerikeri Cubs	Kerikeri	1
66	Kerikeri Golf Course	Kerikeri	50
67	Kerikeri Kindergarten	Kerikeri	1
68	Kerikeri Peninsula Conservation Trust	Kerikeri Peninsula	1,750
69	Kerikeri Plant & Food Research	Kerikeri	100
70	Kerikeri River West Trapline	Kerikeri	20
71	Kerikeri Walkway Southside	Kerikeri	10

72	Kerikeri-Puketōtara Catchment CPCA	Kerikeri - Puketōtara	9,317
73	Key Industries	Auckland	n/a
74	Kiwi Link HVA	Eastern Whangarei	incl. as groups
75	Kiwi North Pest Patrol	Whangarei	25
76	Kohinui Stream Landcare	Kohinui Stream Catchment	366
77	Kohukohu Pest Control	Kohukohu	18
78	Kohumaru Kiwis	Kohumaru	350
79	Kowhairoa Historical Reserve	Whangaroa	500
80	Kukuparere Scenic Reserve	Matauri Bay	1
81	Lake Omapere Duck Hunters	Lake Omapere	50
82	Lamb Rd Landcare	Parua Bay	345
83	Langs Beach Estate	Langs Beach	211
84	Living Waters	Tangatapu Catchment, Bay of Islands	4
85	Lowes	Okaihau	423
86	Maclester Group	Brynderwyns	40
87	Mahinepua/Radar Hill Landcare	Mahinepua – Radar Hill	1,150
88	Manaia Landcare	Whangarei Heads	484
89	Mangapa/Te Ranga	Kaeo	705
90	Mangatete Landcare	Fisher Riley Rd, Kaitaia	4,197
91	Manulife: Brynderwyn Kiwi Project	Brynderwyns	2,001
92	Manulife: Gammons Block	Mangakahia	1,368
93	Manulife: Rakautao	Kaikohe	647
94	Manulife: Whanui	Pataua North	1,429
95	Manulife: Whatoro CPCA	Kaihu	1,414
96	Marunui Conservation	Brynderwyns	423
97	Marunui's Ring of Steel buffer	Brynderwyns	927
98	Massey Road Trappers	Massey Road, Waipu	1,054
99	Matapouri Kaitiaki	Whale Bay - Matapouri	102
100	Mataraua Kiwi Project	Mataraua, Kauri Coast	1,217
101	Matauri 1405	Matauri Bay	11
102	Matauri Trust	Matauri Bay	325
103	Maungaparerua Stream Landcare	Kerikeri	250
104	McCraith Farm Trust	Broadwood	480
105	Mill Rd Trappers	Kawakawa	95
106	Millington Rd Kiwi Group	Maunu	187
107	Moturoa Island Private Wildlife Refuge	Bay of Islands	147
108	Motutangi Pest Wipeout	Motutangi	10
109	NFRT - Puhoi North	Peria	75

110	NFRT - Puketi Mokau Shirley Guildford	Whangaroa	684
111	Ngā Kaitiaki o Huruiki Maunga	Mt Huruiki between Whangapara and Whangaruru	315
112	Ngā Kaitiaki o Ipipiri	Rakaumangamanga	2,300
113	Ngā Ringa Tawhiti o Te Puna Aroha	Kawakawa	10
114	Ngati Wai Trust Board	Ngati Wai rohe	n/a
115	Ngawha Top Energy Pest Control Area	Ngawha	800
116	Ngunguru Sandspit & Ngunguru Ford LC	Ngunguru Ford	1,775
118	Northland Regional Council	NRC Mt Tiger block	500
119	NorthTec Conservation Management	Various	n/a
120	NZ Carbon Farms - Kaeo	Kaeo	150
121	NZ Fairy Tern Trust	Waipu & Mangawhai Spits	1,044
122	Ocean Beach Landcare	Ocean Beach, Whangarei Heads	23
123	Oi Kaitiaki	Langs Cove to Bream Tail Farms	870
124	Okaihau Eco Warriors	Okaihau	5
125	Okaihau Farmers & Trappers	Okaihau	100
126	Onekura Rd Trappers	Waipapa	100
127	Opara Kiwi Conservation Estate	Opara Peninsula, Hokianga	171
128	Opuā Bike Trail	Opuā	40
129	Orcada Ltd	Matauri Bay	609
130	Oromahoe Road Trappers	Oromahoe	38
131	Oromahoe Trust	Oromahoe	102
132	Otaha Station	Takou Bay	612
133	Otangaroa Landcare	Otangaroa	105
134	Otangaroa Workgroup	Otangaroa	5,550
135	Otaua Landcare	Otaua	6,003
136	Owhiwa Landcare	Owhiwa	1,124
137	Pa Hill	Brynderwyns	6
138	Pamu Kapiro Station	Kapiro	1,888
139	Pamu Kapiro - Avocado	Kaipiro	600
140	Pamu Mangatōa	Southern Hokianga	4,660
141	Pamu Omamari	Omamari	2,371
142	Pamu Puketōtara	Puketōtara	1,339
143	Pamu Rangiputa	Karikari Peninsula	3,683
144	Pamu Takakuri	Takakuri	1,654
145	Pamu Takou Bay Milk	Takou Bay	350
146	Pamu Titoki	Titoki	1,002
147	Papakarahi Landcare	Whangarei Heads	part of WHLF

148	Parihaka Community Landcare	Mt Parihaka, Whangarei	192
149	Parua Cemetery Road Landcare	Parua Bay	50
150	Pataua North Landcare	Pataua North	1,109
151	Pathways Drive	Kerikeri	5
152	Peach Orchard Predator Hunters	Whakapara	738
153	Pest Free Mangapai	Oakleigh/Mangapai	3,650
154	Pest Free Parakiore	Whangarei	745
155	Pest Free Peninsulas Kaipara	Pahi, Petley, Te Pahi and Matakoho Peninsulas	12,531
156	Pest Free Purerua - Mataroa	Mataroa Peninsula	5,400
157	Pests Off Puhipuhi	Puhipuhi	1,631
158	Piroa Conservation Trust	Piroa Brynderwyns	incl. as projects
159	Project Island Song	Islands in the Bay of Islands (centered on Urupukapuka)	436
160	Puke Kopipi Restoration Group	Ngunguru	6
161	Pukenui/Western Hills Forest Trust	Whangarei	6,668
162	Puketi Forest Trust	Puketi	7,200
163	Puketi HQ Trapping Loops	Puketi	inc. w Puketi
164	Pukewhau Bulls Gorge	Kerikeri	616
165	Pungaere Road Corridor	Kerikeri	55
166	Pupurangi Nature Sanctuary	Kaihu	1,294
167	QEII National Trust	New Zealand	n/a
168	Rangitane River South	Kerikeri	15
169	Rayonier Matariki Forests – Glenbervie Forest Project	Glenbervie	6,662
170	Reotahi Landcare	Whangarei Heads	82
171	Retreat Rd Trappers	Haruru - Puketona	205
172	Riponui Kiwi Project	Riponui	979
173	Riverlands Landcare	Ngunguru river	363
174	Riverstream Kiwi Protection	Kerikeri	43
175	Ruakaka Forest Kukumui Catchment Group	Ruakaka	102
176	Ruakaka North Trappers	Ruakaka	130
177	Rukuwai Landcare	Owhiwa	44
178	Ruru Kaitiaki	Langs Beach	850
179	Russell Landcare	Russell, Bay of Islands	2,000
180	Russell-Orongo Bay Holiday Park	Russell, Bay of Islands	1
181	Sandy Bay Kiwi	Sandy Bay	3,638
182	Save the Kiwi Trust	New Zealand	n/a
183	Selwyn Driver (Farm)	Whitehills	200
184	Signals Road Trappers	Okaihau	805

185	Simons Rd Possum Trapping	Whatatiri	14
186	Siteworx Kapiro	Kapiro	8
187	Skudders Beach	Kerikeri	10
188	South Kerikeri Inlet Landcare	South Kerikeri Inlet	1,044
189	Springbank Collective	Kerikeri	7
190	Springbank School	Kerikeri	22
191	Summit Asia Fernflat	Fernflat	372
192	Summit Burlace	Waiare	109
193	Summit Kohumaru	Kohumaru	564
194	Summit Mokau	Mokau	2,162
195	Summit Omahuta	Omahuta	585
196	Summit Otangaroa	Otangaroa	1,851
197	Summit Stanley-Hunt	Diggers Valley	127
198	Summit Te Hiku	Aupouri Peninsula	22,768
199	Summit Upokorau	Upokorau	2,886
200	Summit Van Crasbeek	Fairburn	332
201	Taheke Landcare	Taheke	2,974
202	Takahiwai Pest Control Group	Takahiwai	480
203	Takahue Pest Control	Takahue	100
204	Tanekaha CPCA	Hikurangi	2,797
205	Tangiteroria School	Tangiteroria	3
206	Tapuhi Landcare	Tapuhi	49
207	Taraunui Landcare	Parua Bay	150
208	Taronui Pest Control Area	Purerua	1,215
209	Taupo Bay Coast and Landcare	Taupo Bay	1,850
210	Taurikura Ridge Landcare	Taurikura, Whangarei Heads	255
211	Te Arai Forest Troop	Te Arai	429
212	Te Kāhu-Neighbours of Pukenui	Kamo	112
213	Te Tangi o Te Ata	Eastern Bay of Islands	970
214	Te Whangae	Moerewa	402
215	The Sanctuary CPCA	Mangawhai	181
216	The Shadehouse Volunteers	Kerikeri	1
217	Tiakina Whangarei	Whangarei	4,557
218	Tutukaka Landcare Coalition	Tutukaka	8,000
219	Upokorau Summit Ecological Project	Upokorau	2,166
220	Upper Pungaere Trappers	Pungaere	319
221	Utakura Trappers	Utakura Valley, Okaihau	250
222	Vision Kerikeri/Friends of Wairoa Stream	Kerikeri	25

223	Volunteering Northland	Northland	n/a
224	Waiare Rd Landcare Group	Waiare	1,776
225	Waihoihoi Kaitiaki	Waipu	380
226	Waihou Valley Trapping	Puketi	150
227	Waikare Whenua Kaitiaki	Waikare	250
228	Waikino Landcare	Waikare	100
229	Waikoura Valley Trappers	Kaeo	160
230	Waimate North Landcare	Waimate North	5,000
231	Waipapa Glens	Waipapa	11
232	Waipapa West Trappers	Waipapa	64
233	Waipu Caves Farm Park	Waipu	130
234	Waipu Kiwis	Waipu	1,785
235	Waipu West Kiwi	Waipu	907
236	Wairahi Trapping Group	Langs Beach	89
237	Wairoa Reserve	Kerikeri	150
238	Waitangi Endowment Forest	Waitangi	700
239	Waitangi Iwi Kiwi Project	Waitangi	1,564
240	Waitangi Treaty Grounds	Waitangi	100
241	Waitangi-Haruru Walkway	Waitangi	174
242	Waitapu Birdsong	Whangaroa	10
243	Waitotara Drive Reserve	Waipapa	60
244	Waorahi Kaitiaki	Langs	711
245	Warawara Whenua Ngahere	Warawara	11,051
246	Wekaweka Landcare	Wekaweka Valley, Kauri Coast	1,542
247	Whakaangi Landcare Trust	Hihi Peninsula	2,568
248	Whakapara Pest Control Group	Whakapara	217
249	Whananaki Landcare	Whananaki	7,943
250	Whangarei District Council	Whangarei	n/a
251	Whangarei Heads Habitat Restoration Trust	Whangarei Heads	(incl in WHLF)
252	Whangaruru Nth Residents & Ratepayers	Whangaruru Peninsula	284
253	Wharau Rd Trappers	Kerikeri	1
254	Wharemoa (Farm)	Matauri Bay	368
255	Whareora Landcare	Whareora/Mt Tiger	2,559
256	Whatatiri Maunga	Whatatiri	12
257	Whau Valley Landcare Group	Whau Valley, Whangarei	18
258	Whiritoa Stream Trappers	Waipapa	59
259	Wild Kiwi Girls	Kaeo	71
		Total area managed in ha	281,510

Principal Partner



Collaborating organisations and companies



Direct funders and sponsors

