



Hoiho

May 2021

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Nest count results disturbing but the hard work goes on

Thomas Mattern searches through the dense Rakiura undergrowth for nests

There are now only an estimated 180 nests (or breeding pairs) remaining on the South Island (Canterbury, Otago and Southland), a decline of 69% since 2008. While it was heartening to see the number of nests in the wider Long Point area more than double to 25 nests this season (compared to 12 nests in 2019/20), this is small change compared to the general decline.

Trust staff were kept busy monitoring 43 nests on the mainland this season, in addition to those on Rakiura. Overall nest productivity was low on Otago Peninsula largely due to early chick disease, but was higher in North Otago and higher still in the Catlins this season. Interventions (e.g. disease treatment, supplementary feeding) were again

very high and with such low numbers every bird counts.

Hatching at sites that YEPT manages started very slightly earlier than last season (27 October to 14 November). Diphtheritic stomatitis (diphtheria) affected the majority of hatched chicks in North Otago and Otago Peninsula, as well as many in the Catlins. Due to respiratory complications for young chicks, a decision was made to uplift chicks with any sign of disease to the Wildlife Hospital Dunedin.

A huge thank you to the hospital for their sterling efforts during this stressful and hugely demanding time! Of the 34 chicks uplifted 28 were able to be returned to the wild; the majority went back to their natal nests and five were fostered. Regular monitoring

checks were carried out post-release at 24 hours, 48 hours and then weekly (if no issues were observed), as well as between times with trail cameras.

Unfortunately, a respiratory condition caused significant mortality issues across the mainland this season with 44 chicks dying. Post-mortems showed identical lung congestion, and many of the birds also had diphtheria, although this was not cause of death. An epidemiologist is analysing the data on these cases to look for patterns and see what we can learn from this event.

Supplementary feeding was carried out at some nests through the season to ensure that chicks thrive, but is carefully minimised to avoid any issues with imprinting. Chicks are fed with whole anchovies or sardines at

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the nest if there was a large weight disparity between siblings or if they were less than 75% of their estimated mean mass for age. The aim is to keep birds in the wild with their parents for as long as possible.

Seventeen chicks were taken to rehab by YEPT rangers mostly because they continued to be low weights, three chicks were uplifted because a parent was injured and two due to a parent dying. Penguin Place Rehabilitation Centre did an amazing job supplementary feeding these chicks until they fledged and are soft-released. Twenty-two chicks from across the Catlins were soft-released in two separate groups by the Trust.

In positive news several juveniles were sighted this season which means that marine resources were sufficient to sustain chicks that fledged last season during their first year at sea. Let's hope these birds survive to breed!

A total of 45 adults and eight juveniles were uplifted by YEPT for supplementary feeding. Most of these birds were from the Catlins and were only slightly underweight (rather than acutely underweight like during the 2018 starvation event). We were being conservative to ensure that they survived the moult. Once again we are hugely grateful to Penguin Place who had their work cut out for them feeding and caring for squadrons of hungry hoiho.

We also acknowledge and appreciate the hard mahi of Penguin Rescue who rehabilitate significant numbers of hoiho from the Moeraki area, as well as the Oamaru Blue Penguin Colony and the Christchurch Penguin Rehab group.

A total of 13 adult birds were uplifted for treatment at the Wildlife Hospital Dunedin. Eight had wounds to the legs or lower abdomen, one had an eye injury, one had flipper wounds, one had a lump on its back, one was in respiratory distress and another was exceptionally lethargic. Unfortunately, three had to be euthanised, but all of the others were taken to Penguin Place to recover and have subsequently been released.

REGION	SITE	NESTS 2020/21	(2019/20)	EGGS	CHICKS HATCHED	CHICKS FLEDGED	CHICKS PER NEST
North Otago	Tavora	3	3	6	4	3	1.0
Otago Peninsula	Okia	4	3	8	7	2	0.5
	Otapahi	6	6	12	11	3	0.5
	Fuchsia Gully	NS	2				
	Papanui (part)	1	3	2	0	0	0
Catlins	Long Point/Irahuka	9	6	18	16	15	1.67
	Cosgrove Creek	11	5	20	14	11	1.0
	Helena Falls	3	1	5	4	3	1.0
	Harts Rock	2	0	4	3	2	1.0

Nest searches were also carried out at Omihi, Dicks Bush, Otekiho, Allans Beach, Whareakeake, Kaikai and Purakaunui but no nests were found this year or last.

Hoiho numbers plummet on Rakiura

This season there was a huge collaborative team effort from the Trust, Kāi tahu, the Department of Conservation, University of Otago and contractors to investigate the status of hoiho on Rakiura. No large scale surveys had been conducted here since 2008, aside from the annual monitoring at a handful of sites (undertaken by YEPT).

Unfortunately, the results confirmed our worst fears, that the numbers of hoiho on Rakiura were declining, similar to the rate of decline on the mainland. Across Rakiura only 44 breeding pairs were counted (including Bench Island), compared to 154 pairs in 2008 (excluding Bench Island) – a decline of 71%. This suggests that Rakiura now represents only 20% of the Northern population of hoiho (compared to an estimated one-third in 2008).

Multiple teams comprising 18 human

searchers and a dog, crawled, hiked and climbed their way across the island to search 54 sites, including 18 different islands. The teams covered many kilometres in an attempt to replicate the surveys undertaken in 2008 as far as possible. Support of the survey and access to sites was generously granted by the Rakiura Māori Land Trust, Rakiura Titi Islands Administering Body, Rakiura Titi Islands Committee, Whenua Hou Committee and DOC. The teams included an iwi-led group who carried out surveys on some of the many Titi Islands dotted around the coast of Rakiura. A huge logistical effort was needed to coordinate these searches, including transport to sites which involved at least eight different boats and a helicopter.

This survey of Rakiura was an essential priority highlighted in Te Kaweka mō Te Hoiho (hoiho strategy) and Te Mahere Rima Tau (five year action plan). Action 5b

in particular aimed to “Engage with mana whenua and researchers to develop objectives and a methodology, and commence a full island wide survey of Rakiura and outliers in partnership with Kāi Tahu during the hoiho breeding season.”

As well as establishing a population trend for hoiho, the island wide assessment allows us to determine active breeding sites, to provide critical data to ensure informed management decisions are made, and also to prioritise sites for additional intervention and monitoring work.

Following the nest searches, monitoring of nests continued to be undertaken by Sandy King and several volunteers, with additional support from Thomas Mattern and Ursula Ellenberg this season (during their Conservation Services Programme tracking work). In addition to the usual sites (Whenua Hou, the Anglem Coast, Bravo Islands and the Neck), checks were also

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carried out at Little Glory and Steep Head. Breeding success was variable across the island – it was relatively low on the Bravo Islands and Whenua Hou (although higher than last year), and at Pigeon House (Port Pegasus). The nests at Little Glory and Steep Head fared somewhat better:

Supplementary feeding was carried out at two nests on the Bravo Islands to ensure that underweight chicks survived until fledge. Chicks were given a feed of salmon smolt (kindly donated by Sanford's salmon

farm in Big Glory Bay) every other day by Sandy King and some of the DOC Rakiura staff.

The Trust looks forward to continuing the hard mahi with iwi, DOC and others to ensure the ongoing survival of these birds on Rakiura.

Pictured right are the sites surveyed (shown in red) on Rakiura Stewart Island in 2021.



REGION	SITE	NESTS 2020/21	(2019/20)	EGGS	CHICKS HATCHED	CHICKS FLEDGED	CHICKS PER NEST
Rakiura Stewart Island	Rollers Beach	2	4	2	0	0	0
	Golden Beach	0	6				
	The Neck	0	0	0	0	0	0
	Little Glory	4	NS	8	6	4	1.0
	Steep Hill	3	NS	6	4	4	1.3
	Bravo Islands	9	8	15	11	7	0.78
	Whenua Hou	12	12	24		7	0.58
	Pigeon Flat East	5	NS	9	8	4*	0.8

*Maximum number of chicks fledged (monitoring was only conducted until December).

Threat classification reviewed

At the start of this year, the Trust provided a submission on the yellow-eyed penguin / hoiho for DOC's review of the national threat classification for seabirds.

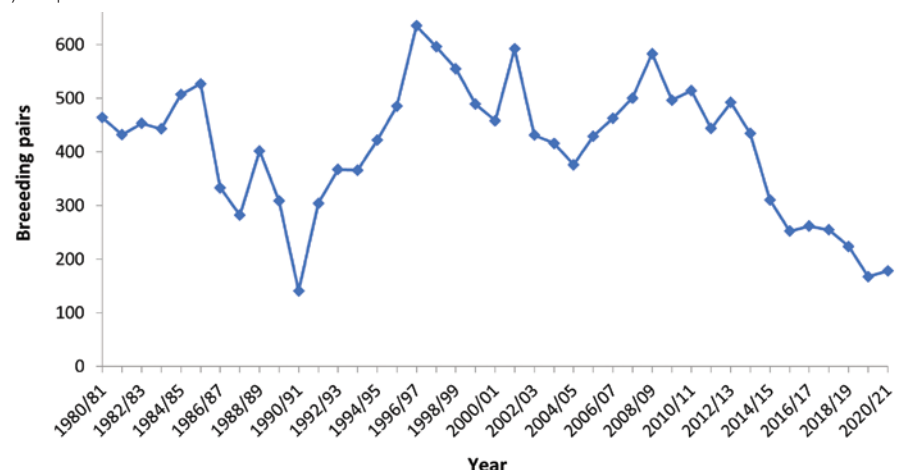
The threat status of each species group (e.g. seabirds, lizards) is assessed every five years by a panel of experts using a specific set of criteria. The process provides a fundamental framework for biodiversity recovery programmes, reports and tracks the state of biodiversity and the effectiveness of management over time, determines risk of extinction, and helps to prioritise conservation resources.

Under the New Zealand threat classification process hoiho are currently classified as "Nationally Endangered". A similar international process undertaken by the International Union for the Conservation of Nature (IUCN) lists hoiho as "Endangered".

Multiple criteria are evaluated in order to determine the status of each species. For hoiho an overall decline of 70% is estimated for the northern population over three generations or a ten year period (see the figure below). Modelling work has predicted that if the current rate of decline continues, hoiho could be functionally

extinct on the Otago Peninsula by 2060 or sooner. Currently, however, actual counts of hoiho are tracking below the lower limits of the model which is exceptionally concerning and suggests that functional extinction is likely to occur far sooner.

Unfortunately there is not enough information about the status of the southern population to establish a trend. Limited extrapolated data shows little change in hoiho numbers at Motu Maha Auckland Islands (over a 25 year period). However, a subsample of nests at one site on Motu Ihupuku Campbell Island indicates at least a localised decline of 73% over a 30 year period.



The northern population (from Banks Peninsula to the Catlins, Rakiura/Stewart Island and its outlying islands, including Whenua Hou/Codfish Island) is declining despite recent conservation efforts.

Increased interventions (e.g. supplementary feeding, disease treatment, surgery for injuries) are now a necessity for this population, and it is likely the rate of decline would be far higher without this conservation management. The northern population is now considered conservation dependent.

The reviewed threat status of hoiho will be revealed by DOC shortly.

Cheques to end

How to keep supporting hoiho

This is a reminder that due to changes being introduced by New Zealand banks the Yellow-eyed Penguin Trust will not be accepting any cheque or mail order credit card payments after **Friday 25 June 2021**.

But we still need your financial support to help us save hoiho/yellow-eyed penguin and enhance their habitats, and we don't want this change to be a barrier for you.

There are a range of other safe and secure payment methods for you to make a donation or pay your membership subscription:

- direct debit or an automatic payment
- internet banking through your own bank
- online via our website (clearly reference what the payment is for)
www.yellow-eyedpenguin.org.nz/support/support-donate/donations/donate-online/

Please call our Administrator, Caitlin, on 03-479-0011 (admin@yeptrust.org.nz) to discuss these options so that you can remain a loyal supporter of hoiho into the future.

Or, contact your bank if you need help deciding which option is best for you.

Cut out the card below and keep it in your wallet. Next time you're at your bank, ask them how they can help you set up a payment.



Blake Ambassador Wednesday monitoring mosquito larvae.
Tracking tunnel monitoring by The Catlins Area School students.



The buzz at Irahuka base

The Long Point Irahuka work base has offered lots of opportunity for extra work to be undertaken at this reserve during this breeding season. It has been a hub for staff carrying out critical hoiho monitoring, but has also been essential in providing a base for extending habitat work.

Thanks to Pro Rātā, South Otago Forest & Bird's Catlins nursery and the team at the Yellow-eyed Penguin Trust nursery, there were c. 600 native plants to dig in to expand the revegetation efforts at Long Point. Despite changing Covid alert levels delaying planned planting days, with the help of crews from The Catlins Area School and Fonterra Edendale, all these plants eventually made it into the ground.

Students from The Catlins Area School also got stuck in to helping with pest monitoring. With help from trapper Jim Young, students constructed large tracking tunnels and established them in an area close to the base. Analysing the prints collected in the tunnels and footage from cameras on these

monitoring devices students identified significant activity from possums, hedgehogs, rats, and feral cats. This monitoring will help to inform our pest control efforts over the coming winter months.

For a week in early February, the Trust hosted two Blake Ambassadors, Giverny Forbes and Wednesday Davis. They worked alongside Catlins Ranger, Sarah Irvine, to carry out hoiho monitoring, sample and data collection, and general conservation work. Both ambassadors made a big impression with their enthusiasm and hard work.

You can check out Wednesday's blog at: www.blakenz.org/2021/02/16/monitoring-our-precious-hoiho-and-pakake/

With hoiho chicks having now fledged and the moult finished, it is time to turn to support jobs for hoiho conservation – particularly focussing on a helping hand for the habitat. If you're keen for a day out at Long Point enjoying the fresh air and doing a little digging, look out for upcoming public planting days this winter and early spring. We look forward to seeing you there.

PAYEE DETAILS

NAME OF ACCOUNT:
Yellow-eyed Penguin Trust

BANK: SBS **ACCOUNT NUMBER:** 03-1355-0549558-00

PARTICULARS: Your surname and first initial **REFERENCE:** Subscription/donation

Yellow-eyed Penguin Annual Symposium

SATURDAY 7th AUGUST 2021

More details on Facebook closer to the date.
Registrations will be opening early July.



Penguin lovers are all smiles on the steps of Oamaru's historic Opera House

Oamaru Penguin Symposium

The monitoring of little blue penguins near the North Otago coastal settlement of Oamaru started back in the early 90's when penguin viewing operation started in the disused quarry on the harbour edge.

Volunteers started to make the area suitable breeding habitat for penguins, provided guided tours and undertook penguin monitoring. The monitoring findings were initially shared locally until one volunteer, Dr Tony Hocken, took the meetings under his wing and grew them into what has become known as the biennial Oamaru Penguin Symposium. Tony managed the symposia for many years before passing the role to the colony's resident researcher Philippa Agnew. Philippa has organised and successfully managed the last seven events.

Research has been an integral part of the colony since its start, and the tourism attraction is now one of Oamaru's largest tourism attractions receiving over 75,000 visitors per annum.

As part of the overall research and conservation programme, the biennial OPS meetings are an opportunity to share with other groups and individuals from throughout Australasia.

This year the OPS was attended by 99 people, with a range of research, conservation, and student presentations over two days, including two presented from Australia via Zoom.

YEPT scientist Trudi Webster presented "*Beyond the field: policy and engagement to facilitate conservation of hoiho*"; a peek at the behind-the-scenes work (strategic, policy, planning and liaison) which complements the field monitoring, and is an essential ingredient for hoiho conservation; ensures that decision makers, policy makers, funders and managers are well informed and have tools needed to ultimately ensure the ongoing survival of hoiho and address wider impacts in the environment. This talk was well received by the attendees. Trudi also chaired a session.

Iconic Penguin Place for sale

Penguin Place on the Otago Peninsula, the privately run conservation reserve dedicated to helping the endangered hoiho, went up for sale in March. The sale process is underway as this newsletter goes to print.

Penguin Place had many facets to the operation. As well as the tourism and farming operation, it was also certified by the Department of Conservation to run a penguin Rehabilitation Centre where many birds have been treated and rehabilitated over the years. Staff not only assist the birds in rehab but undertake regular monitoring of the birds in the wild, particularly through the breeding cycle. The conservation programme includes the construction of dams and planting hundreds of trees to enhance the coastal area.

The McGrouther family have owned this farm for 60 years and have provided the eco-tours for more than 30 of those years. It was founded by Howard McGrouther and has since been run by siblings Lisa King and Brian McGrouther and his wife Nicola since Howard's death in 2010.

But now after much consideration, the current owners have made the decision to pursue their individual pathways, offering the property for sale. Lisa and her husband are looking forward to their retirement and not being on call 24/7, or being woken by the shrill call of hoiho in the early hours of the morning!

Penguin Place is an award-winning eco-tourism business attracting thousands of international visitors to New Zealand. Unfortunately, with New Zealand's border closure due to COVID-19, the downturn in tourism has had a major impact on the funding available to continue with their conservation programme.

The Trust and others are working together to ensure there is a Rehabilitation Centre for hoiho in the future and look forward to working with the new owners of Penguin Place, who hopefully will be interested in continuing to deliver this vital work.



People for penguins

Intensive Care Nurses Thomas Stracke and Kristina Schutt started caring for rescued birds in New Zealand at the Christchurch Penguin Rehabilitation in 2010. In fact, they have converted their backyard into the rehab centre for sick or injured penguins.

While living in Germany, they saw a newspaper advertisement calling for volunteers to a wildlife rescue centre in South Africa and thought it would be worth a try. After a few short stints there they decided it "might be nice to try somewhere new, and not just for a holiday", so they moved to New Zealand and made contact with other rescuers.

The centre has grown from one makeshift box with a couple of towels and basic supplies to an entire clinic in their garage. More recently, even their bathroom functioned as an intensive care unit providing a quiet environment with minimal disturbance, and was set up with its own drip stand!

Complete with an old baby incubator and hospital-grade storage system, their rescue kit now includes a stethoscope, feeding tubes and a vast knowledge of how to care for the birds.

Three-quarters are returned to the wild in full health.

Thomas and Kristina are licensed by the Department of Conservation (DOC) to care for the birds. Most are brought in by the public after being spotted in danger on beaches.

The Trust farewells friends



Jim Ellison

It is always sad when we farewell friends of the Trust. In this edition we reluctantly farewell four long-standing friends:

Jim Ellison (83) who passed away on 23 January 2021, was appointed as the Trust's first Nursery Manager in 1989, a role he maintained until his retirement in 2002. During his time with the Trust he was not only responsible for the plant propagation, but he also coordinated planting, fencing and weed control in the various reserves. Jim came from a background of horticulture and mechanical engineering, and he always worked in a methodical way and got the job done quickly and efficiently. A founding trustee summed up Jim's persona when he retired, stating he was a "hard working, honest to goodness, nice guy, who had an uncanny ability to turn his hand to almost anything and do it exceptionally well". Thank you Jim.



Morgan Jopson

Morgan Jopson

The life of Morgan Jopson, DCC Task Force Green (TFG) supervisor, who passed away in February, illustrates the contribution that can be made by one individual. Morgan started with the DCC Task Force Green Team as a supervisor in 2003. Run by the Dunedin City Council, the team undertakes numerous projects assisting the community and from 2009 he became involved in projects with the Trust on Otago Peninsula. Later, he began driving the TFG trapping team around our reserves on the Peninsula. These trap lines, targeting predators of yellow-eyed penguins and other native wildlife, are part of a highly successful effort between the DCC and the Yellow-eyed Penguin Trust. Without Morgan's contribution of his 4WD skills and wide field experience gained through his time in the New Zealand Forest Service, the biodiversity of these areas would have suffered and on behalf of the Yellow-eyed Penguin Trust we want to acknowledge the impact that he had.



Frank Austin

Frank Austin (93) passed away on 26 April 2021. Frank's involvement with the yellow-eyed penguins and our Trust began in the 80's when he responded to a request in a local community newspaper by researcher John Darby for help to monitor this species. He helped out with numerous beach counts. Some of the field team members remember him burrowing under bushes trying to find that elusive penguin nest as seen in his photo – quite a feat given he was probably in his mid-70s at the time. Frank worked at the University of Otago's Virus Research Unit from 1950-1992, during which time he obtained an MSc in microbiology and a PhD in virology. He was also interested in diseases impacting on penguins and he willingly contributed to discussions about diseases affecting penguins and what might be happening in the marine environment. He also was a member on our Habitat Committee for many years.



Dave Cull

Former Mayor of Dunedin, **Dave Cull** (71) passed away on 27 April 2021. In his role as Mayor, Dave was very supportive of the Trust, attending several events and opening conferences. It was at his suggestion that we approached Otago Regional Council in support of funding for the science position, a position now funded for the past six years. Our General Manager Sue Murray joined one of the City's delegations to China and remembers Dave often making sure she was comfortable with the unfamiliar customs and expectations. His sense of humour and gentle manner, as well as this guidance, was always appreciated.



11th International Penguin Congress

Viña del Mar, Chile. 5-9 September 2022



Mainland Brand most trusted



It's been a busy few months here at Mainland with a few awards and a bit of baking in our spare time too...

We're chuffed to have just been named the 6th Most Trusted Brand in New Zealand at the Reader's Digest Most Trusted Brands awards. We also took home the award for Most Trusted Cheese Brand and a highly commended in Most Trusted Butter.

We also had some great results at the New Zealand Cheese Awards in May. Our Mainland Vintage Aged Cheddar took out a Champion Trophy and our Mainland Tasty, Epicure and Double Cream Camembert all won gold medals! We also picked up six silvers and one bronze award across the rest of our range. The awards for our aged cheddars really did prove that *Good Things Take Time!*

It's been great to see so many folk keep up with the baking and cooking they started over the lockdown period last year. To keep everyone inspired, we've created some tasty new recipes to try such as these delicious Burnt Butter Anzac Biscuits. The burnt butter is a great twist and really turns up the flavour. If you haven't tried it yet, you can find the recipe here: <https://www.mainland.co.nz/recipe/burnt-butter-anzac-biscuits.html>

Lastly, we wanted to wish everyone a belated Southland Anniversary Day. If anyone missed the opportunity to celebrated with some 'Southland Sushi' then here's our favourite version, we think it's pretty 'tasty' <https://www.mainland.co.nz/recipe/southland-cheese-rolls.html>

The Team at Mainland



Nursery plant sale provides a good clean out

Last September, the YEPT Nursery held its first ever plant sale to clear out a whole collection of surplus plants.

These plants were either too large for planting into habitats where there is minimal maintenance, their provenance was unknown, or we no longer required them for our own projects. The priority was to sell them to other conservation or community projects, particularly if these were penguin related.

On a glorious spring day, heaps of people arrived to both enjoy the casual atmosphere of the day and purchase these 'sold as seen' plants at heavily reduced prices.

The Trust was delighted to have this major cleanout knowing that other projects benefited.

Pictured left is another satisfied customer, Fiona Hall, farewelled by YEPT Administrator Caitlin



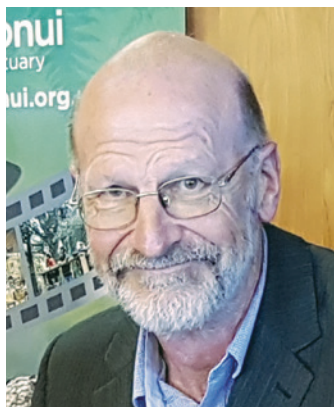
Leave something in paradise

Please remember the Yellow-eyed Penguin Trust in your Will. Your bequest can be invested in restoring penguin habitats and controlling predators to help secure the survival of hoiho.

Charities Commission Registration Number CC22822



A note from the Chair



Tēnā koutou katoa

Life can be cruel. As the Bard warned, "The best laid schemes o' mice and men gang aft a'gley (go wrong)". In our previous Newsletter we had congratulated our new Minister of Conservation, Kiritapu Allan, on being appointed to that post. Who could have foreseen that a health issue could emerge so dramatically? Our thoughts are with Kiritapu as she works to regain her strength.

Recently, as required, we presented our Annual Report and our Financial Performance Report which were accepted by a mixture of members who attended in person and others who took part via Zoom. Some of the latter appeared to have a comfortable glass of wine in hand. This was our second year of using Zoom in this way and it seemed to work well throughout the process. The Reports then were posted on our website and became available for perusal. Our website is intended to provide an interface between the Trust, its activities, and people who wish to find out about hoiho and its community. Our analytics, measuring the activity of the website and our social media involvement (Facebook and Instagram), look healthy, and allow us to react quickly to changes in topics of interest.

Winter is nearly upon us and with it comes planting flax at Long Point. The work base we established there, featured in an earlier Newsletter, is proving itself invaluable, allowing staff to take shelter between squalls, stay overnight, and host funders. We are convinced that actually viewing the birds in situ increases the likelihood of a successful Trust funding application. I hope that is true.

Nga mai
Eric J. Shelton
Chair

Our thanks

Thank you to our regular supporters:

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Canon NZ
Coffee Club supporters
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Downie Stewart
DCC (Task Force Green team)
Wildlife Hospital - Dunedin
Foote Haulage (Woodlands)
Forest & Bird South Otago Branch
Jim Young
Mainland Brand
NZ Deerstalkers Association (Otago Branch)
Otago Peninsula Biodiversity Group
Otago Regional Council
Penguin Place
Penguin Rescue
Richard Roberts, Dunedin Airport
Roy Johnstone

Thank you for funding from:

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Frank Austin funeral donations
Grumitt Sisters Charitable Trust
Jim Ellison funeral donations
Noopii
Pat and Alan Mark
Penguin Fund of Japan
Talleys Group
Top 10 Holiday Park
Southern Institute of Technology
Woodland Eggs
Sincere thanks to all those people who make donations through our online portal. We truly appreciate this support.

Special thanks this issue to:

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Distinction Hotel Dunedin
Giverny Forbes (Blake Ambassador)
Harbour Fish
Keira Edwards
Mamaku Point Charitable Trust
Owaka Info Centre
Peter Guilder
Peter Simkins
Rakiura Water Taxis

Sanfords Salmon Hatchery (Kaitangata)
Sanfords Salmon Farm (Rakiura)
The Catlins Area School
Wednesday Davis (Blake Ambassador)
YEPT staff partners

Thank you to all the Volunteers who assisted with this years' transport of penguins, either bringing them into care or taking them back to their habitat for release, and to those that helped with the soft release of hoiho chicks.

Thank you to:

All the landowners who have contributed to our habitat protection work

Thank you to all volunteers:

We are tremendously grateful to all the other volunteers, including the regular Nursery workers and the Habitat Volunteer Team for their valuable contributions to our work. Special thanks to the team at AdArt Brand Promotion for the design of this newsletter.

Rakiura Teams:

Al Burns
Andrew Eastwood
Archira (Archie) Amadoru
Chloe Hamilton
Chris Hope
Dave Houston
Dean Nelson
Jimmy Tulloch
Julia Fettes
Kelli Gerritsen
Kev Carter
Leith Thomson and Sniper
Megan Abbott
Miriam McFadgen
Petrus Hedman
Phred Dobbins
Ren Leppens
Sandy King
Simon Taylor
Stephen Meades
Tabi Kime
Thomas Mattern
Thor Elley
Ursula Ellenberg
Walter Fieldes
Yi Pei Chung



The production of this Hoiho
newsletter by AdArt Brand Promotion
ticks all the green boxes

Penguins. Plants. People. Passion.

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