

Her Majesty Queen Elizabeth II

Antarctic Heritage Trust staff extend our deepest and sincere condolences on the passing of Her Majesty the Queen to all members of the Royal Family. Her Majesty personified and demonstrated unyielding service and incredible leadership

throughout her extraordinary lifetime.

In 2002 we were honoured to have HRH The Princess Royal launch the Trust's Ross Sea Heritage Restoration Project in Antarctica, an international project to secure the historic explorer bases. The Princess Royal has been a valued advocate and supporter of the Trust's work to safeguard this legacy.



Her Majesty Queen Elizabeth II. © Government House

New Patron-in-Chief

The Trust is delighted to announce that New Zealand's Governor-General the Rt Hon Dame Cindy Kiro GNZM QSO has accepted the role of Patron-in-Chief of the Antarctic Heritage Trust, continuing unbroken Vice Regal patronage of 35 years.

Dame Cindy has had a highly distinguished career in academic and leadership positions, most recently as Chief Executive of the Royal Society - Te Apārangi, which advances research and scholarly activity in science, technology and the humanities and raises public understanding of those fields. She has also held the role of New Zealand's Children's Commissioner, leadership roles at several New Zealand universities, and has extensive health sector experience.



New Trust Patron-in-Chief Rt Hon Dame Cindy Kiro. © Government House

Inspiring Explorers Expedition™ South Pole Team Announced

The Trust has selected a firefighter, an Olympian, and an intelligence analyst from hundreds of hopefuls from New Zealand and Norway, to ski 1000km to the South Pole.

This Inspiring Explorers Expedition™ will celebrate 150 years since the birth of legendary polar explorer Roald Amundsen.

Laura Andrews, 28, is a firefighter and medical first-responder. Laura will be joined by Mike Dawson, 35, a two-time Olympian and current coach of the New Zealand canoe slalom team, and Marthe Brendefur, 30, an intelligence analyst and former member of the Norwegian Armed Forces.

Laura, who works for Auckland Airport Emergency Services, says she is thrilled to be part of the team.

"This expedition is an incredible opportunity to expand my horizons and explore the extent of human physical and mental limitations. I wasn't necessarily a sporty kid but each year I set myself a new goal. It goes to show what taking that first step can lead to," she says.

Norwegian team member Marthe Brendefur was named on TV in Norway on the 150th anniversary of Roald Amundsen's birth.

"Experiencing Antarctica's pristine and wild nature on skis has been a

long-standing dream, and adding the historical backdrop only makes it more intriguing. I love that it is a joint endeavour, as I believe that cooperation across nations is imperative to protect the polar regions," says Marthe.

Mike Dawson, 35, has previously been involved as a mentor with the Trust and will be tasked with capturing the team's experience for a documentary.

"We will be lucky to experience the beauty and vastness of Antarctica. I'm looking forward to highlighting its importance and fragility and the Trust's vision of inspiring explorers to the world, through the film," says Mike.

The expedition, in partnership with Ousland Explorers will be guided by Norwegian polar guide Bengt Rotmo and led by Trust Executive Director Nigel Watson. It is supported by Clothing Partner Norrøna and Photographic Partner Canon.

The team will depart in early November 2022 and you can follow their journey online at nzaht.org.



Laura Andrews © Laura Andrews



Marthe Brendefur © Marthe Brendefur



Mike Dawson © Mike Dawson



L-R: Inspiring Explorers Isaac Giesen, Sam Davis, Zoe Crawford, Emily Wilson, Libby Clifton, and Ana Ross finish the Traverse at Coronet Peak. © AHT/Anna Clare

Inspiring Explorers™ Complete Alpine Traverse

Six young New Zealanders have completed a gruelling 50km journey on skis through the Harris Mountains between Treble Cone and Coronet Peak on the Trust's Inspiring Explorers Expedition™ Mahu Whenua Traverse.

Trust Executive Director Nigel Watson, who led the expedition, said the alpine route boasted terrain with lots of vertical, that tested the Inspiring Explorers™.

"The group had resilience and grit, truly embodying the spirit of exploration," says Nigel.

Inspiring Explorers Isaac Giesen, Emily Wilson, Ana Ross, Libby Clifton, and Wakatipu High School students Sam Davis and Zoe Crawford were accompanied by experienced mountain guides, Tim Robertson and Thomas Vialletet from Peak Experience, Mountain Turk Club Founder Erik Bradshaw, and alumnus Marcus Waters. Zoe Crawford, who is in her last year at high school, said, "The biggest challenge I faced was on the steeper terrain, where I wasn't super comfortable, but I knew I was safe,

we had good equipment, and experienced guides, and that really helped me through that. To push outside my comfort zone is definitely scary but I'm super proud of myself for overcoming any fears I had."

The highlight for Ana Ross was her third day on the traverse. "We had a bit of everything, boot packing up and scrambling, awesome skiing on great snow, and skiing down some not-so-nice snow. That night we worked out as a team what our plan would be for the rest of the trip, taking into account the weather, food supplies, and snow conditions. We made sure everyone was heard and that we were doing what was right for the team," said Ana.

Emily Wilson feels privileged to be an ambassador for the Antarctic Heritage Trust. "I hope I can inspire more young people to get out and explore. Pushing outside my comfort zone makes me feel most alive. It's an important space to be in because you are stretching your potential. It's where you learn more about your own capabilities and how to work better with others. It helps us find our place in the world," said Emily. The team stayed in 'Turk' accommodation along the traverse - 26,000-litre water tanks converted into huts by Erik and the Mountain Turk Club. Erik helped the Trust pioneer Turk huts in Antarctica, at our field camp established to support the conservation of Borchgrevink's huts at remote Cape Adare. Thanks go to expedition supporters Treble Cone and Coronet Peak ski fields, and Queenstown Park Boutique Hotel.

Inspiring Explorer Ana Ross enjoys the view. © AHT/Marcus Waters



Visit nzaht.org for more photos and videos



Huskies were an important part of life at Scott Base. Here Spot tried to lick Peter Macdonald's face. © Peter Macdonald Collection, Antarctic Heritage Trust

End of an Era

In Memorium - Peter Macdonald

The Trust offers our deepest condolences to the family, friends and community following the news of Peter Macdonald's passing. We recognise the end of an era, as Peter was the last surviving member of the Trans-Antarctic Expedition/ International Geophysical Year (TAE/IGY) winter over party (1956-57) that established New Zealand's Scott Base on Ross Island, Antarctica.

Peter was born in 1926 and educated at Wellington Boys' College and Victoria University in Wellington, New Zealand. Ahead of his time in the Antarctic, Peter was appointed to the Geophysics Division of DSIR in 1946. In 1951 he spent eight months in Australia working for the Bureau of Mineral Resources. Three years later in 1954, Peter trained as a teacher, but re-joined the DSIR on selection for IGY, where he was appointed Technical Officer. Peter spent the rest of his career, until retirement in 1989, in the Geophysics Division. Following the IGY expedition, Peter published widely on IGY investigations including the movement of the Ross Ice Shelf, and especially on his later work in defining the extent of geothermal fields.

The Trust celebrates Peter Macdonald's legacy and is proud to feature a digital version of the TAE/IGY party Midwinter's Day menu gifted by Peter Macdonald in its Hillary's Hut - Antarctica Virtual Reality Experience. The physical menu is now back in Hillary's Hut in Antarctica on display.

Conservation Update



Winter Conservation Team member Shannah Rhynard-Geil works in the AHT lab at Scott Base.
© AHT/Fly On The Wall Images

Summer 2022-23 Conservation Season

To support the ongoing conservation of the Ross Island explorer bases, this summer the Trust will have a team of five on-ice led by Collections Conservation Manager Lizzie Meek, including a heritage carpenter, two artefact conservators, and a building conservation support person.

The main focus of the work programme will be returning to the huts the artefacts conserved over winter 2022, and continuing work to stabilise the wooden storage boxes and associated corroding food cans on the south wall of Shackleton's *Nimrod* hut at Cape Royds.

At Scott's *Terra Nova* hut at Cape Evans work will focus on documenting and stabilising the objects revealed by the extreme thaw of last summer, as well as snow and ice mitigation around the building.

Another major task this season is to rationalise Trust conservation equipment currently stored in workshop, lab and storage containers at Scott Base, as the amount of storage space available to the Trust on-ice will be reduced for the duration of Antarctica New Zealand's Scott Base rebuild programme.

Conservation Team Winter-Over

In a first since 2014, our winter conservation team of four conservators – Jane Hamill, Shannah Rhynard-Geil, Belinda Hager, and Conor Tulloch have wintered-over in Antarctica. The team have carried out retreatment and treatment of approximately 1000 objects collected from the historic expedition bases of Robert Falcon Scott and Sir Ernest Shackleton. The team have worked hard to resolve issues such as reversing previous coatings, and have progressed and developed some advanced treatment techniques for the Trust, including

desalination, and air abrasion.

Conservator Belinda Hager says, "These objects were amongst the first conserved by the Trust, but after 16 years in challenging conditions, some have re-corroded or become compromised in other ways. With our well-resourced conservation laboratory, we will carry out conservation treatments and prepare them to be taken back to the explorer bases next summer season."

The conservators will remain at New Zealand's Scott Base until October 2022.

Artefacts Returned

Two historic Antarctic artefacts are on their way home after more than 60 years. A box of cocoa tins and a Shell motor spirits box were collected from outside Scott's *Terra Nova* hut at Cape Evans in 1956 by former United States naval Captain Dave Baker.

"With the Antarctic Treaty now in place and the excellent work of the Trust caring for these expedition bases, I was comfortable in returning the items knowing that they will be preserved for posterity," says Dave.

Trust Conservation Collections Manager Lizzie Meek says it is always an exciting day when items are returned to the organisation.

"We know there are still some artefacts out there that were collected from Antarctica

during the early 1940s to 1960s. We always welcome their return, and have a careful process for ensuring they are conserved and then located back to the expedition bases," says Lizzie.

The artefacts will travel back to Cape Evans with the Trust's summer 2022-23 conservation team.



A Shell motor spirits box and box of cocoa tins that will be returned to Antarctica this summer. © AHT/Anna Clare

New Partnership: Corporate Leadership Programme

The Trust has developed an exciting partnership with Australasian human resource and training consultancy, Generator Talent Group, working together to design a corporate leadership programme drawing on the leadership lessons from the heroic-era of Antarctic exploration.

The result is The Explorers Mindset Leadership Programme. Corporate managers from one of New Zealand's largest retailers are currently working through the pilot programme with feedback to date being very positive. The programme will conclude with the participants conducting their own expedition early next year.

Trust alumnus Marcus Waters, who was a facilitator says, "It's fascinating and exciting to see managers who are dealing with a challenging business environment, gain insights from heroic-era Antarctic explorers who also did not know what sort of environment or challenges they were going to encounter".

A percentage of the proceeds from the programme will support the Trust.

Young Inspiring Explorers™ Summit



Students during the Young Inspiring Explorers™ Summit, June 2022. © AHT/Jared Yeoward

The Trust's Young Inspiring Explorers™ Summit in June 2022 saw a group of 20 students, aged 11-14, from around New Zealand spend an action-packed weekend in Christchurch with the Trust and Inspiring Explorer William Pike.

The students visited the International Antarctic Centre, where they weathered an Antarctic storm, rode in a Hågglund, and met huskies and penguins up close. One of the highlights was a satellite link call with the US Amundsen-Scott South Pole Research Station, when students connected with base personnel, including Trust alumna Sarah Bouckoms, and went on a virtual tour of the station, including a view outside into a -70°C frozen moonlit landscape.

They also learned what it is like to live at New Zealand's Scott Base from the team at Antarctica New Zealand and visited Canterbury Museum, where they heard tales of the early Antarctic explorers' hardships, achievements, and leadership, before exploring Christchurch's Antarctic connections on a walking tour of the central city. Each student kept a journal detailing their experiences during the Summit, so they could share their learnings with their communities when they returned home.

The Summit was delivered in partnership with William Pike Challenge, and was supported by the US Embassy and Consulate in New Zealand.

Alumni News

Brando Yelavich

(Inspiring Explorer 2018) and wife Ngaio welcomed baby Atlas in April this year. Congratulations on the new arrival!

Jess Fahey

(Young Inspiring Explorer 2022) has been helping her community by volunteering to collect donations for the Cancer Society on Daffodil Day. She is also helping out at The Champion Centre, which provides early intervention services to infants and young children with significant disabilities. Jess attended The Champion Centre when she was younger and sees this as a way of giving back. She also sells walnuts from her walnut tree to raise money for The Champion Centre.



Jess Fahey © AHT/Jared Yeoward

Laurette Siemonek

(Inspiring Explorer 2020) is starting a new role as Manager, Climate Action at the World Business Council for Sustainable Development, based in London. Laurette was previously employed at the NZ Sustainable Business Council and Climate Leaders Coalition.



Laurette Siemonek © AHT/Marcus Waters

Patricia Mackenzie

(Trust Development & Philanthropy Manager) and husband Andrew welcomed baby Stirling in May this year. Congratulations on the new addition to the family!



Stirling, Andrew and Patricia Mackenzie © Patricia MacKenzie

Zac Bennett

(Heritage Carpenter 2021-22) recently completed the International Wood Conservation Course organised by the Norwegian Directorate for Cultural Heritage. This is a prestigious course, which requires applicants to submit a body of work and successful students are selected from a large number of applications every two years. Zac's 2022 cohort consisted of 21 international students representing 12 different countries around the world.



Zac Bennett © AHT/AI Fastier

Thank You

to our new Antarctic Explorer Members :

Bronze

Dave Baker (US)	Ella Bryan (NZ)
Hubertien Wichers (NZ)	Percy Goldfinch (NZ)
Ken Livingston (NZ)	Fabio Valle (NZ)
Sharon Martin (NZ)	Joakim Gautier (FR)

If you love the Trust's work and want to make a gift to continue the legacy of exploration visit nzaht.org.

Shackleton's Whisky Anniversary

The Trust would like to extend our sincere thanks to Whyte & Mackay on the 10-year anniversary of their ongoing support for the Trust through whisky sales.

In 1907, Sir Ernest Shackleton took 25 cases of Mackinlay's Rare Old Highland Malt Whisky with him on the British Antarctic *Nimrod* Expedition. In January 2010, Trust conservators found three crates encased in ice under Shackleton's Antarctic base. One crate was flown to New Zealand to be carefully thawed by the Trust in a purpose-built environment at Canterbury Museum.

After delicate conservation, three bottles, under permit from the New Zealand Government, were transported to Scotland for scientific analysis by Whyte & Mackay (owner of the Mackinlay brand) and The Scotch Whisky Research Institute. Painstaking sensory and chemical analysis was carried out to establish the flavour and composition of a product manufactured a century earlier. In 2012 Whyte & Mackay launched a special edition replica whisky for sale with a contribution from each bottle purchased going to the Trust. Two more editions of whisky have followed since then.