



ROYAL NEW ZEALAND INSTITUTE OF HORTICULTURE

Newsletter

2020 No. 1, March
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Presidential Ponderings

As I write this, New Zealand is beginning a month, maybe longer, of lockdown on account of the COVID-19 virus pandemic.

I am fortunate as I still live on a 10-acre (4 ha) property, albeit with high density housing being built close by. I reflect how much more challenging it would be confined in one of the tiny 'Town Houses' that are being constructed; most without any garden.

Notwithstanding, the lockdown has stimulated a desire for people to attempt to grow some of their own food. The sale of both potting mix and vegetable seedlings immediately prior to the lockdown was phenomenal.

One suspects that many of the purchasers were first time gardeners with little or no experience. We are moving towards winter, and daylight saving is soon to end. Some of the vegetables being sold would be better planted in spring even here in Auckland, unless a greenhouse, tunnel house or vegetable pod were available. The problem is that many of the newbies will be disappointed and will conclude that gardening is not for them.

A similar situation exists with the sale of imported dahlia tubers in July, mid-winter. The tubers being sold are lifted in the previous Northern Hemisphere autumn and are stored prior to export to New Zealand. By July, had the tubers stayed in the Northern Hemisphere and been planted, they would have produced plants in full flower. As a consequence, the imported tubers packed in plastic bags start to grow and the resultant shoots are trapped and become distorted.

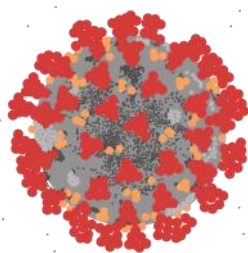
If planted mid-winter the ground is too cold and often waterlogged. If left in the bags the tubers dehydrate and are often dead by October/ November when they should be planted in New Zealand. Again a serious disincentive for a novice gardener.

On a brighter note, Lincoln University has announced that it intends to offer two new courses in horticulture. One will be a three-year Bachelor of Commerce in Horticulture degree, while the other will be a one-year diploma in Horticultural Business, for those already working in the industry.

This is encouraging, as the teaching of horticulture in New Zealand has become increasingly depauperate in recent years. At the same time, one wonders whether the emphasis will be on large-scale commercial production at the expense of amenity horticulture where a good grounding in botany is essential. We must also assume that Lincoln University's intentions will still be carried out after the COVID-19 crisis.

It is very sad that the National Diploma of Horticulture (NDH), which was run by the Royal New Zealand Institute of Horticulture (RNZIH) was disbanded when the Government of the day set up the various Industry Training Organisations. I had always considered the content of the NDH to be closer to a Masters degree than that of a Bachelors degree.

One bonus of the lockdown is that the neighbourhood is wonderfully quiet. No bleep, bleep, bleep of heavy earthmoving machinery nor the roar of nearby motorway traffic. Having escaped the daily commute over two decades



ago, I have often wondered, in our digital age, why so many people are still compelled to travel to and from a congested city centre each day.

OK, if one works in a factory or shop it is necessary for people to be there, but a great deal of office work can be carried out from home and meetings can be held remotely by video link. Members of the National Executive of the RNZIH from throughout the country, meet successfully in this way each month.

Maybe, after the current lockdown, and after people have seen that for many, the daily commute is not essential, might we see a reduction in the waste of time, waste of fossil fuels and consequent emission of greenhouse gases? Probably not. Human nature is not that logical.

Keith Hammett
President, RNZIH

New members

We warmly welcome our new members:

Laurence Speedy	AUCKLAND
Sid & Christine Miller (rejoined, ex NZGT)	
	AUCKLAND
Celia Fitzgerald	HAMILTON
Jane D'Alton	MASTERTON
Karin van der Walt	WELLINGTON
Margaret Long (rejoined)	CHRISTCHURCH
Dr Meike Rombach	LINCOLN
Niobe Carter	TIMARU
Lengfei Wang	VICTORIA, AUSTRALIA

Associated Trusts	
Elle Anderson (RNZIH Education Trust Chairperson)	PO Box 431, Taumarunui 3946 Phone: 021 0442 057 Email: elle@younghort.co.nz
Julie Sperring (Trust Manager, RNZIH New Zealand Gardens Trust)	92a Forest Lakes Road RD3 Ōtaki 5583 Mobile: 027 694 8778 (027 NZGTrst) Email: nzgt@rnzih.org.nz Website: www.gardens.org.nz
Brad Cadwallader FRIH (New Zealand Notable Trees Trust)	33 Cropp Place Richmond, Nelson 7020 Email: nzntt@cropp-place.nz Website: www.notabletrees.org.nz

RNZIH National Office	PO Box 85012, Lincoln University, Lincoln 7647 Email: office@rnzih.org.nz Website: www.rnzih.org.nz Facebook: www.facebook.com/RNZIH/
Patron	Governor General of New Zealand Patricia Lee "Patsy" Reddy GNZM, QSO, DStJ
Vice Patron	Beverley McConnell, MNZM, QSM, AHRIH

National Executive	
Dr Keith Hammett QSM, AHRIH (RNZIH President)	488C Don Buck Road, Massey, Auckland 0614 Phone: (09) 833 9453 Email: hammettk@rnzih.org.nz
Alan Jolliffe AHRIH (RNZIH Vice President)	7 Greenbank Place, Waitikiri, Parklands, Christchurch 8083 Mobile: 027 204 5679 Email: jolliffea@rnzih.org.nz
Yvonne Baker FRIH	Mobile: 027 660 5205 Email: yvonneb@rnzih.org.nz
Margaret Barker QSM, AHRIH (RNZIH New Zealand Gardens Trust representative)	Larnach Castle Ltd PO Box 1350, Dunedin 9054 Phone: (03) 4761616 Mobile: 021 297 2806 Email: barkerm@rnzih.org.nz
Penny Cliffin FRIH (Notable Trees Trust representative)	34 Lloyd Ave, Mt Albert, Auckland 1025 Phone: (09) 846 7193 Mobile: 021 488 000 Email: cliffinp@rnzih.org.nz
Murray Dawson AHRIH (RNZIH Webmaster; Journal Editor)	Manaaki Whenua – Landcare Research, PO Box 69040, Lincoln 7640, Canterbury Phone: (03) 321 9645 Email: dawsonm@rnzih.org.nz
Dharini Marinkovich	Email: dharinim@rnzih.org.nz
Tom Mayo	The Gatehouse 9C Onslow Road, Khandallah Wellington 6035 Phone: 027 606 5920 Email: mayot@rnzih.org.nz
Clare Shearman FRIH (BGANZ representative)	Wellington Botanic Gardens 101 Glenmore St, Kelburn Wellington 6012 Phone: (04) 499 1400 Email: shearmanc@rnzih.org.nz
Chris Webb FRIH (RNZIH Treasurer)	'Woodbridge', 8630 Paeroa Kopu Road, RD 4, Paeroa 3674 Mobile: 021 234 3936 Email: webbc@rnzih.org.nz

We have recently updated our NZGT members list, and also welcome to the RNZIH:

Anzac Park	(Nelson City Council)
Bhudevi	(Jane Casey & Bruce Miller)
Dalkeith	(Stephanie and Ted Wills)
Golf Course Road Garden	(John & Kate Coe)
Hlomo Hlomo	(Martin & Louise Badenhorst)
Isel Park	(Nelson City Council)
Knockdolian	(Michelle & Steve Lassche)
Loch Leven	(Doreen & Mike Dryden)
Matuku	(Rebecca Owen)
Melrose Gardens	(Nelson City Council)
Miyazu Japanese Gardens	(Nelson City Council)
Paripuma	(Rosa Davison)
Queen's Gardens	(Nelson City Council)
Waiongana	(Diana Montgomery)
Walter Peak Homestead Gardens	(Real Journeys Ltd)

New Executive Members

We warmly welcome **Margaret Barker** and **Tom Mayo**, co-opted onto the RNZIH National Executive.



Margaret Barker QSM, AHRH, in her 6-star garden at Larnach Castle.

Margaret Barker attended Victoria and Auckland Universities graduating with a BA degree. In 1967, with her husband, she bought Larnach Castle which at that time was empty, derelict and surrounded by a tangle of overgrowth. Margaret and her family restored and furnished the Castle and created a garden. At Larnach Castle there is now a licensed café, a lodge to accommodate guests, and a ballroom from which to hold functions.

Margaret has served on many horticultural and promotional committees and has received a number of awards for both business and design. She is an Associate of Honour of the RNZIH and received a QSM for conservation of historic buildings. Margaret's garden is rated a 6-star 'Garden of International Significance' by the NZGT. Margaret is currently Founding Director of Larnach Castle Ltd.

In 2019 Margaret was appointed as the new Chair of the New Zealand Gardens Trust and in 2020 she joined the RNZIH National Executive as the RNZIH NZGT representative.



Tom Mayo standing alongside *Metrosideros bartlettii* in flower at Otari Wilton's Bush (2017).

Tom Mayo is a Wellingtonian, graduating from the Landscape Architecture program at Victoria University in 2012. During his studies he became interested in food production networks and the urban agriculture movement. He spent the next few years in Bristol, UK, involved in community urban agronomy projects before returning home to Wellington in late 2015 to pursue a career in horticulture and plant conservation inspired by local conservationist Chris Horne.

Tom has completed a horticultural apprenticeship and has worked with Wellington Botanic Gardens, Otari Wilton's Bush, Berhampore Nursery and the WCC City Horticulture team. Most recently he has been working in Wellington's Parks & Gardens team maintaining native bush and tracks across the region. He spends time outside of work enjoying botanising and assisting in propagating for conservation efforts.

Qualifications

- BDes. Landscape Architecture
- Cert. Amenity Horticulture
- Cert. Nursery Production.

Industry & Professional Associations

- New Zealand Plant Conservation Network
- New Zealand Botanical Society
- Wellington Botanical Society
- International Plant Propagators' Society – New Zealand Region
- Royal New Zealand Institute of Horticulture.

RNZIH 2020 Conference and Annual General Meeting

Due to the COVID-19 situation we regrettably won't hold our planned Christchurch conference, Banks Lecture and AGM this year.

We are now planning to hold a combined conference and AGM with the NZ Gardens Trust in Christchurch in April 2021.

However, for our 2020 AGM, we are considering running a brief video-conference.

Please email office@rnzih.org.nz if you are willing to join us, so that we can assess the overall level of interest.

Thank you for your understanding and we will keep you informed.

Many other horticultural conferences have been cancelled for 2020, including for example:

- The 2020 Young Horticulturist competition.
- Arylies Garden Plant Fair in Auckland.
- The International Dendrology Society New Zealand (IDS–NZ) conference in Geraldine.
- The 2020 International Plant Propagators' Society New Zealand Region (IPPS–NZ) conference in Invercargill.

Congratulations

2020 RNZIH Awardees

Congratulations to our 2020 Royal NZ Institute of Horticulture awardees. 10 honorary awards have been conferred and one scholarship granted.

Further details of the recipients will be published in our journal and Facebook page.

Louise Beaumont (Havelock North) receives the Award in Garden History.

Russell Lowe (Te Puke) receives the Plant Raisers' Award.

Bill Steans (Timaru), **Clare Shearman** (Wellington), **George Tregidga** (Whangaparaoa), **Penny Zino** (North Canterbury), and **Yvonne Baker** (Auckland) are the newest Fellows (FRIH) of the RNZIH.

Alan Jolliffe (Christchurch), **Bill Brett** (Nelson), and **Dr John Liddle** (Waikanae) received Associates of Honour (AHRH), the highest award conferred by the RNZIH.



Louise Beaumont, 2020 recipient of the Award in Garden History.



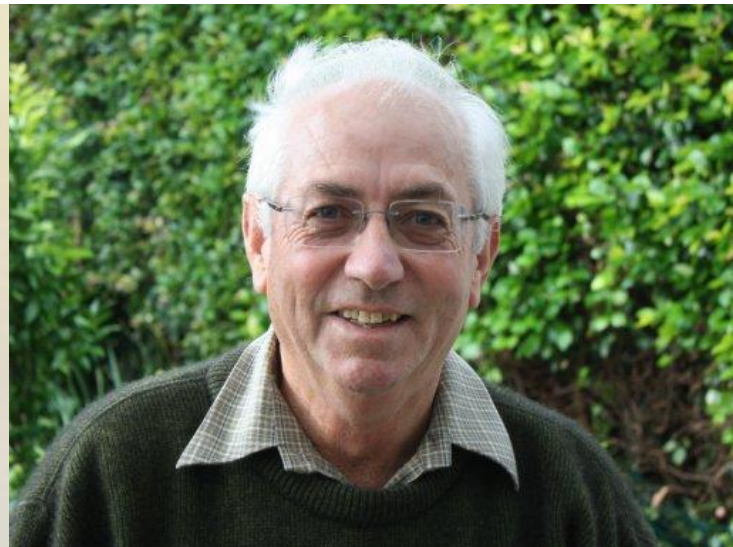
Russell Lowe, 2020 recipient of the RNZIH Plant Raisers' Award.
Photo: © Plant & Food Research.



Bill Steans, 2020 Fellow of the RNZIH (FRIH).



Clare Shearman, 2020 Fellow of the RNZIH (FRIH).



George Tregidga, 2020 Fellow of the RNZIH (FRIH).



Penny Zino, 2020 Fellow of the RNZIH (FRIH).



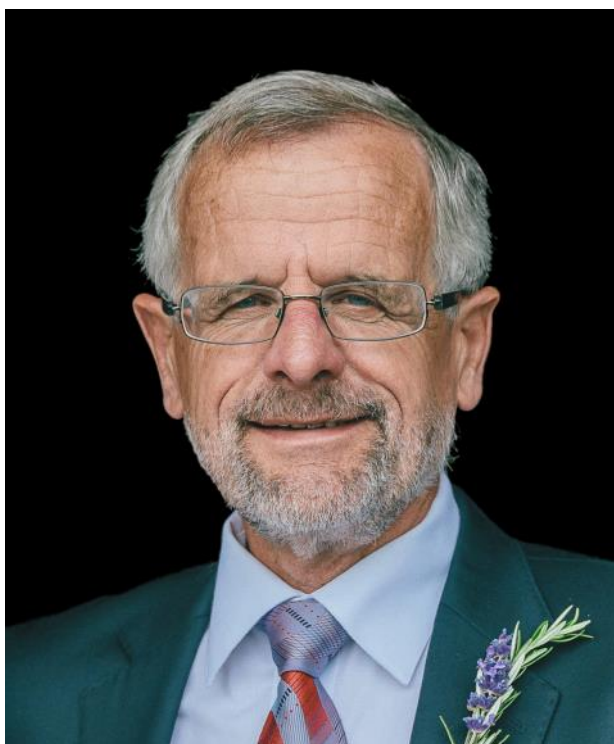
Yvonne Baker, 2020 Fellow of the RNZIH (FRIH).



Alan Jolliffe, 2020 Associate of Honour (AHRH).



Bill Brett, 2020 Associate of Honour (AHRH).



Dr John Liddle, 2020 Associate of Honour (AHRH).



Philip Simpson, 2020 recipient of the Peter Skellerup Plant Conservation Scholarship. Photo: Wendy Parr.

We also congratulate **Philip Simpson** (Takaka) who was awarded the Peter Skellerup Plant Conservation Scholarship. The financial assistance provided by the Skellerup award will allow Philip to conduct research for his new book on *Remarkable Plants of Aotearoa New Zealand* and will enable him to pursue information on species of conservation interest. Philip will visit various places where selected species grow in their natural environment and will discuss aspects of their conservation with local experts.

Congratulations to **Marie Wright**, a member of the Titahi Bay Horticultural Society, for being nominated and awarded a Kind Neighbour Award. In 2017 she was also awarded the Titahi Bay Horticultural Society Green Thumb Award. Marie actively maintains the gardens around the local surf club and along Titahi Bay.

Congratulations to **Jocelyn Dobson** of Invercargill who has been awarded the Frank Penn Memorial Award for 2020. This award is presented annually by the New Zealand Rose Society to recognise outstanding service to one of the local rose societies around New Zealand. Jocelyn has been a member of the Southland Rose Society since 1993 for which she has given outstanding service. She was made a life member in 2009.

New Year Honours List 2020

We congratulate three awardees for being recognised in this years' New Year Honours.

Gillian Lady Deane and **Dr George Mason** are members of the RNZIH but were recognised for endeavours other than services to horticulture.

Jennifer Thompson of Lower Hutt became a Member of the New Zealand Order of Merit (MNZM) for services to amputees and horticulture. Jennifer is the current President for the Hutt Valley Horticultural Society.

Gillian, Lady Deane of Wellington became a Companion of the New Zealand Order of Merit (CNZM) for services to philanthropy.

Gillian and her husband Sir Roderick Deane have an abiding interest in New Zealand native plants and gardens. Gillian and Roderick have developed from old cow paddocks a large native tree garden, more than 30 acres (12 ha) in area, with extensive resuscitated wetlands, which now has four Queen Elizabeth National Trust covenants over them to ensure their protection. The Deane's have also supported the restoration of Nga Manu Gardens near Waikanae where native mistletoe is being successfully reintroduced.



Marie Wright in 2017, alongside Porirua City Councillor Mike Duncan, when she was awarded the Green Thumb Award.



Jocelyn Dobson, 2020 recipient of the Frank Penn Memorial Award for service to a local rose society.



Gillian, Lady Deane (with feathered friend), 2020 CNZM.

Long-standing RNZIH member **Dr George Mason** of New Plymouth became an Officer of the New Zealand Order of Merit (ONZM) for services to conservation, philanthropy and the community. Through the George Mason Charitable Trust, Dr Mason has been a generous supporter of horticulture and the environment. The *Taranaki Daily News* wrote an informative article which is online at www.stuff.co.nz/taranaki-daily-news/news/118430310/new-year-honours-dr-george-mason---the-environmentalist-whos-donated-more-than-5m.



Dr George Mason, 2020 ONZM. Photo courtesy Andy Jackson, *Taranaki Daily News*.

Taking Stock: Resolving New Zealand's Cultivated Plants Problem

A project of the Royal New Zealand Institute of Horticulture

The New Zealand cultivated plants project is a new collaboration among scientists, botanic gardens, horticultural societies and plant producers in New Zealand. The project goal is to significantly improve the documentation and recording of cultivated plants in New Zealand by registering species missing on 'official' databases – the NZ Plant Names Database (Ngā Tipu o Aotearoa)¹, the New Zealand Organisms Register (NZOR)², and MPI's Plants Biosecurity Index (PBI)³. This will facilitate better management and utilisation of plant biodiversity in New Zealand.

The project began January 2020, thanks to three-year support from the Ministry for Primary Industries' Sustainable Food & Fibre Futures fund, with co-funding provided by the Royal New Zealand Institute of Horticulture (RNZIH), Manaaki Whenua – Landcare Research (MWLR), and horticultural organisations.

The project is led by Murray Dawson of the RNZIH, with many collaborators including Botanic Gardens Australia and New Zealand – NZ Region, International Dendrological Society – NZ Branch, International Plant Propagators' Society – NZ Region, Massey University, NZ Plant Producers Inc., NZ Rhododendron Project Group, NZ Tree Crops Association, and the Orchid Council of NZ Inc.

There are many thousands of species of cultivated plants in New Zealand⁴, yet lack of knowledge and poor cataloguing of which exotic species are actually present impacts our prosperity: we do not adequately know what is in this country, what it is called, or where it is growing. Innovation is severely hampered by barriers to importing new germplasm, uncertainty about presence (biostatus), validity of names (botanical nomenclature), and the correct identities of plant material of economic interest. Pre-border problems arise for commercial growers and plant breeders trying to import new selections, germplasm, and breeding stock under the Hazardous Substances and New Organisms (HSNO) 1996 Act, because of the limitations of the MPI Plants Biosecurity Index (PBI) in determining if species are already in New Zealand⁵. The PBI is incomplete, and also lacks taxonomic authorities, references, and synonymy from which to validate names.

In this project we will help address these issues by capturing and resolving names, identities, and biostatus for numerous plant species of interest to horticulture, production, and biosecurity sectors that are not currently listed on the PBI. This will be achieved by coordinating the capabilities and resources of plant producers, breeders, collection managers, researchers, regulators, and other interest groups.

Key activities include:

- Searching, collating and evaluating scattered information held in living collections, stocklists, nursery catalogues, horticultural and botanical literature, and herbarium specimens to confirm that species are present in New Zealand.
- Checking the taxonomy of species and documenting the taxonomically correct and current names.
- Development of sets of validated plant names (properly referenced and with evidence such as herbarium specimens or nursery catalogue listings) to establish their presence in New Zealand. Resolved names and associated data will be inputted into two taxonomic databases: the New Zealand Plant Names Database (Ngā Tipu o Aotearoa) and the New Zealand Organisms Register (NZOR)⁶.
- For an estimated 600–800 species with the best evidence-based cases for presence in New Zealand, applications will be submitted to the Environmental Protection Authority (EPA) for Section 26 determinations.

This work will help resolve major knowledge gaps for faster and more informed plant importation and regulatory decisions, improved access to new germplasm for plant production and breeding, and more effective management of biosecurity, pest plants, disease and biocontrol vectors, and living collections.

This project is related to an earlier initiative of the RNZIH – the NZ Plant Collection Register.

Please contact us if your group can contribute to this important initiative.

Project leader:	Murray Dawson (RNZIH) (email: dawsonm@rnzih.org.nz)
Project chair:	Marion MacKay (Massey University)
Project finance manager:	Chris Webb (RNZIH)

Websites and References

1. NZ Plant Names Database (Ngā Tipu o Aotearoa): <https://nzflora.landcareresearch.co.nz/default.aspx?NavControl=search&selected=NameSearch>
2. New Zealand Organisms Register (NZOR): <http://www.nzor.org.nz/>
3. MPI Plants Biosecurity Index (PBI): <https://www1.maf.govt.nz/cgi-bin/bioindex/bioindex.pl>
4. Dawson M. (editor). 2010. Documenting New Zealand's cultivated flora: A supermarket with no stock inventory. Report from a TFBIS-funded workshop held in Wellington, New Zealand. Available at https://www.landcareresearch.co.nz/publications/researchpubs/Report-documenting_New_Zealands_cultivated_flora.pdf
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6. Carver J, Cooper J, Vignaux M, Wilton A. 2007. What's in a name? New Zealand Organisms Register scope. Report prepared for the TFBIS programme. Available at <http://www.nzor.org.nz/content/documents/nzor-scope.pdf>



Notable Tree Notes

In this newsletter we regularly feature trees from the New Zealand Tree Register. The idea is to highlight a specimen or group with outstanding attributes and/or an especially interesting history.

AR/1504 – *Agathis australis* (kauri), 'The Glasgow Tree', Nihotupu, Waitakere

Wasley's Bush, located in a relatively flat basin at the headwaters of the Nihotupu Stream contained the best kauri forest in the Waitakere ranges west of Auckland. Isolated from the mills in Henderson by a ridge of ranges, and unable to drive logs over the Nihotupu falls to the south, the forest was not successfully logged until the mid-1890s when Messrs Mander and Bradley built a mill at Nihotupu, which became the site of the now disused auxiliary reservoir there. The milled timber was raised by a horse-driven capstan to the ridge, and then taken by tram down through the hills to the timber yards in Henderson proper.



Approximate location of AR/1504 – the former 'Glasgow' tree at Nihotupu, Waitakere.
<https://register.notabletrees.org.nz/tree/view/1504>

The trees in the bush were particularly large for the Auckland region. John Bethall described walking through the forest:

"The finest kauri bush I have ever seen... trees [trunks] 60, 70, 80 feet without branch or knot".

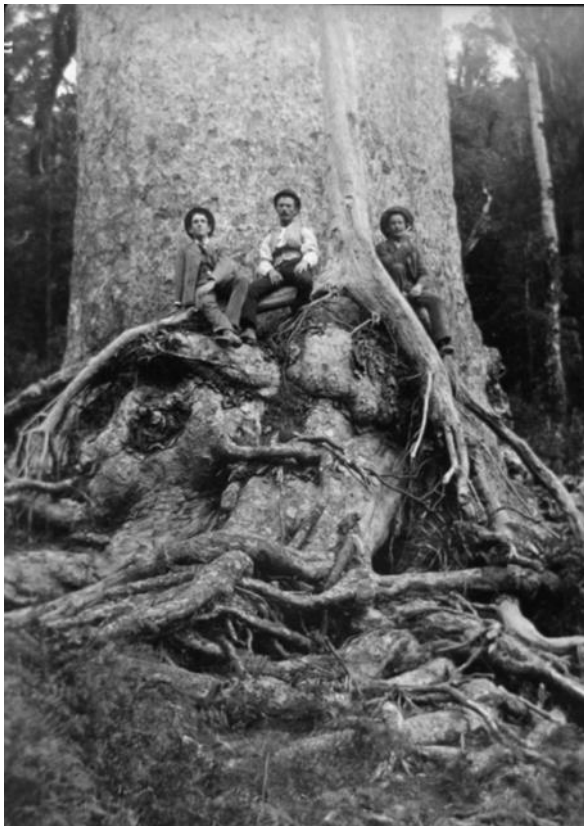
A contemporary account describes the size of some of the trees:

"In this one patch of bush which is known as Wasley's from the name of the old settler who owns it I have measured trees of 42 feet, 39 feet and 35 feet in girth but I am told that there is a tree in the same bush within a mile of these measuring 58 feet".

During an official visit in 1895 to the site of mill, David Boyle, the 7th Earl of Glasgow and Governor of New Zealand at the time was so impressed by one particular tree (likely the 42 foot girth tree above), that he penned the following letter to the Auckland County Council:

"Sir,—I have lately been up to the ranges (near Nihotupu) to see the two magnificent kauri pines which your County Council was public-spirited enough to purchase, in order that they might not be destroyed in case the rest of the trees in that neighbourhood are felled. While there, I had some conversation with a gentleman who is about to make an offer for the timber, and he hopes to be successful. It has occurred to me that a still finer kauri than those you have bought which I saw standing about a third of a mile from the two I have alluded to might be preserved in the same way. It is a magnificent tree, and it seems a pity to let it be destroyed. I therefore take the liberty of writing to say that if the County Council or any other body would take action to preserve the tree I shall be happy to subscribe £3 towards the object, and shall send you a cheque for that amount with pleasure when you inform me that the tree is purchased. It is situated on the right of the bullock track, to the right of those trees as you go to them from Auckland, but further off at a distance I should think of about a third of a mile from the other two."

That tree became known as the Glasgow Tree. Described as anywhere from 12 to 14 feet in



'Giant kauri tree, Nihotupu, 52' circumference'. Photographer Unknown, JT Diamond Collection, Auckland Library JTD-08F-05174.

diameter (3.7 to 4.3 m) or up to 52 feet (15.9 m) in girth in one photograph labelled as the tree, with a bole to 80 ft. (24 m), it would be one of the largest, if not the largest ranked kauri tree today, with a wood volume in the stem approximately 280 cubic meters outside bark if the 14 ft. diameter is used.

Although reserved around 1895, the tree did not last long past that time. A fire killed it in 1898, and rather the wood go to waste, it was felled for its timber (with the permission of the Earl, who had since returned to the UK). Fourteen foot diameter sections were taken for exhibition at Christchurch soon after. The same fate befell the mill, as it too was destroyed by fire in 1899. But its work was almost done, with the last of the trees in the area milled later that year.

References

1. J.G.E. Adams, *Kauri a king among kings*, 2nd Ed., 1986.
2. E.W. Payton, *Round About New Zealand being Notes from a Journal of Three Years Wandering in the Antipodes*, 1888.
3. *New Zealand Herald*, 18 May 1895, p. 4.
4. Auckland Library, Local History Online, "Giant kauri tree, Nihotupu, 52' circumference," [Online]. Available: www.localhistoryonline.org.nz/gsd/cgi-bin/PUI?a=d&d=waim-JTD-08F-05174&av=JTD-08F-05174_access.png.
5. J.T. Diamond and B.W. Hayward, *Waitakere Kauri*, 1980.

Matt Smillie, Wellington

The New Zealand Notable Trees Trust manages a free public database containing historical records and verified details of the most notable and significant trees in this country. The database is constantly being updated. New trees may be registered at any time – together with any contributions of information or support. View online at www.notabletrees.org.nz

Performance Report

Royal NZ Institute of Horticulture (Inc.)
For the year ended 31 December 2019

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Compilation Report

Royal NZ Institute of Horticulture (Inc.) For the year ended 31 December 2019

Compilation Report to the Executives of Royal NZ Institute of Horticulture (Inc.).

Scope

On the basis of information provided and in accordance with Service Engagement Standard 2 Compilation of Financial Information, we have compiled the financial statements of Royal NZ Institute of Horticulture (Inc.) for the year ended 31 December 2019.

These statements have been prepared in accordance with the accounting policies described in the Notes to these financial statements.

Responsibilities

The Governing body are solely responsible for the information contained in this financial report and have determined that the accounting policies used are appropriate to meet your needs and for the purpose that the financial statements were prepared.

The financial statements were prepared exclusively for your benefit. We do not accept responsibility to any other person for the contents of the financial statements.

No Audit or Review Engagement Undertaken

Our procedures use accounting expertise to undertake the compilation of the financial statements from information you provided. Our procedures do not include verification or validation procedures. No audit or review engagement has been performed and accordingly no assurance is expressed.

Independence

We have no involvement with Royal NZ Institute of Horticulture (Inc.) other than for the preparation of financial statements and management reports and offering advice based on the financial information provided.

Disclaimer

We have compiled these financial statements based on information provided which has not been subject to an audit or review engagement. Accordingly, we do not accept any responsibility for the reliability, accuracy or completeness of the compiled financial information contained in the financial statements. Nor do we accept any liability of any kind whatsoever, including liability by reason of negligence, to any person for losses incurred as a result of placing reliance on this financial report.

Chartered Accountants

McCoy & Co Limited
Level 1, 149 Victoria Street
Christchurch 8013
www.mccoyandco.co.nz

Dated: 11 March 2020

Entity Information

Royal NZ Institute of Horticulture (Inc.) For the year ended 31 December 2019

'Who are we?', 'Why do we exist?'

Legal Name of Entity

Royal NZ Institute of Horticulture (Inc.)

Entity Type and Legal Basis

Institute with Charity Status.

Registration Number

Charity Registration Number CC30414

Entity's Purpose or Mission

To encourage the science of Horticulture

Entity Structure

Institute Structure: Our executive committee currently comprises of the following executive office positions: A president, a Treasurer and secretary and three additional members.

Operational Structure: The executive committee manages the day to day affairs of the RNZIH.

Name	Position
Dr Keith Hammett	President
Penny Clifflin	Secretary
Chris Webb	Treasurer
Murray Dawson	Executive members
Alan Jolliffe	Executive members
Yvonne Baker	Executive members
Clare Shearman	Executive members
Dharini Marinkovich	Executive members

Main Sources of Entity's Cash and Resources

Membership subscriptions.

Main Methods Used by Entity to Raise Funds

Subscriptions and Donations.

Entity's Reliance on Volunteers and Donated Goods or Services

100% reliance of volunteers.

Physical Address

Annexe A
Lincoln University
Lincoln 7647

Postal Address

PO Box 85012, Lincoln University, Lincoln, 7647

Approval of Financial Report

**Royal NZ Institute of Horticulture (Inc.)
For the year ended 31 December 2019**

The Governing body are pleased to present the approved financial report including the historical financial statements of Royal NZ Institute of Horticulture (Inc.) for year ended 31 December 2019.

APPROVED



Keith Hammett

President

Date 27 March 2020



Chris Webb

Executive Member

Date 30 March 2020

Statement of Service Performance

Royal NZ Institute of Horticulture (Inc.)
For the year ended 31 December 2019

Description of Entity's Outcomes

Over the past year, we responded to all incoming correspondence to provide advice, information and guidance. We have overseen several over charitable trust's under our guidance and supported plant conservation projects, including compilation of a 'National Register of significant collections.

Provided educational and scientific publications on Horticultural matters and held workshops and tours on ornamental and commercial horticulture.

Additional Output Measures

Mission and Outcome: To encourage and improve horticulture in New Zealand by promoting the understanding, appreciation, conservation and use of plants.

Statement of Financial Performance

Royal NZ Institute of Horticulture (Inc.)
For the year ended 31 December 2019

'How was it funded?' and 'What did it cost?'

	NOTES	2019	2018
Revenue			
Donations, fundraising and other similar revenue	1	120	90
Fees, subscriptions and other revenue from members	1	14,309	14,029
Interest, dividends and other investment revenue	1	7,371	5,787
Other revenue	1	80	2
Total Revenue		21,881	19,908
Expenses			
Volunteer and employee related costs	2	134	-
Costs related to providing goods or service	2	26,860	25,432
Other expenses	2	482	86
Total Expenses		27,476	25,518
Surplus/(Deficit) for the Year		(5,595)	(5,610)

Statement of Financial Position

Royal NZ Institute of Horticulture (Inc.)
As at 31 December 2019

'What the entity owns?' and 'What the entity owes?'

	NOTES	31 DEC 2019	31 DEC 2018
Assets			
Current Assets			
Bank accounts and cash	3	113,369	126,979
Debtors and prepayments	3	467	2
Total Current Assets		113,836	126,981
Non-Current Assets			
Property, Plant and Equipment	5	46	78
Investments	3	180,701	173,450
Total Non-Current Assets		180,747	173,528
Total Assets		294,583	300,509
Liabilities			
Current Liabilities			
Creditors and accrued expenses	4	(774)	(444)
Total Current Liabilities		(774)	(444)
Total Liabilities		(774)	(444)
Total Assets less Total Liabilities (Net Assets)		295,357	300,952
Accumulated Funds			
Accumulated surpluses or (deficits)	6	295,357	300,952
Total Accumulated Funds		295,357	300,952

This statement has been prepared without conducting an audit or review engagement, and should be read in conjunction with the attached Compilation Report.

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Statement of Cash Flows

Royal NZ Institute of Horticulture (Inc.)
For the year ended 31 December 2019

'How the entity has received and used cash'

	2019	2018
Cash Flows from Operating Activities		
Donations, fundraising and other similar receipts	120	90
Fees, subscriptions and other receipts from members	15,990	20,212
Interest, dividends and other investment receipts	7,371	5,787
Cash receipts from other operating activities	80	2
GST	83	840
Payments to suppliers and employees	(29,484)	(28,056)
Cash flows from other operating activities	(518)	(7)
Total Cash Flows from Operating Activities	(6,358)	(1,132)
Cash Flows from Investing and Financing Activities		
Receipts from sale of investments	1,791	1,601
Payments to purchase investments	(9,043)	(7,256)
Cash Flows from Other Investing and Financing Activities	-	80
Total Cash Flows from Investing and Financing Activities	(7,252)	(5,574)
Net Increase/ (Decrease) in Cash	(13,610)	(6,707)
Cash Balances		
Cash and cash equivalents at beginning of period	126,979	133,685
Cash and cash equivalents at end of period	113,369	126,979
Net change in cash for period	(13,610)	(6,707)

This statement has been prepared without conducting an audit or review engagement, and should be read in conjunction with the attached Compilation Report.

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Statement of Accounting Policies

Royal NZ Institute of Horticulture (Inc.) For the year ended 31 December 2019

Basis of Preparation

The entity has elected to apply PBE SFR-A (NFP) Public Benefit Entity Simple Format Reporting - Accrual (Not-For-Profit) on the basis that it does not have public accountability and has total annual expenses equal to or less than \$2,000,000. All transactions in the Performance Report are reported using the accrual basis of accounting. The Performance Report is prepared under the assumption that the entity will continue to operate in the foreseeable future.

Goods and Services Tax (GST)

The entity is registered for GST. All amounts are stated exclusive of goods and services tax (GST) except for accounts payable and accounts receivable which are stated inclusive of GST.

Income Tax

Royal NZ Institute of Horticulture (Inc.) is wholly exempt from New Zealand income tax having fully complied with all statutory conditions for these exemptions.

Bank Accounts and Cash

Bank accounts and cash in the Statement of Cash Flows comprise cash balances and bank balances (including short term deposits) with original maturities of 90 days or less.

Tier 2 PBE Accounting Standards Applied

There were no Tier 2 accounting policies applied.

Changes in Accounting Policies

There have been no changes in accounting policies. Policies have been applied on a consistent basis with those of the previous reporting period.

Notes to the Performance Report

Royal NZ Institute of Horticulture (Inc.) For the year ended 31 December 2019

1. Analysis of Revenue

	2019	2018
Donations, fundraising and other similar revenue		
Donations Received	120	90
Total Donations, fundraising and other similar revenue	120	90
Fees, subscriptions and other revenue from members		
Subscription Receipts	14,309	14,029
Total Fees, subscriptions and other revenue from members	14,309	14,029
Interest, dividends and other investment revenue		
Interest Received	7,371	5,787
Total Interest, dividends and other investment revenue	7,371	5,787
Other revenue		
Depreciation Recovered	80	-
Sundry Income	-	2
Total Other revenue	80	2
	2019	2018

2. Analysis of Expenses

Volunteer and employee related costs		
Travel - National	134	-
Total Volunteer and employee related costs	134	-
Costs related to providing goods or services		
Accountancy Fees	833	876
Advertising	93	-
AGM Expenses	3,398	246
Bank Charges	41	40
Donations	924	1,460
Honorarium - Journal Editor & Website Maintenance	435	870
Insurance	-	657
Licences & Registrations	133	-
Newsletters & Journals	11,090	11,347
Plant Collections	2,430	6,545
Printing, Stamps & Stationery	415	2,426
Rents	(152)	304
Skellerup Award	6,500	-
Xero	720	660
Total Costs related to providing goods or services	26,860	25,432
Other expenses		
Bad Debts	452	-
Depreciation as per Schedule	32	63

Interest - UOMI	-	16
Non-deductible Expenses	(2)	7
Total Other expenses	482	86

2019 2018

3. Analysis of Assets

Bank accounts and cash		
BNZ Cheque Account	3,147	4,611
BNZ Publishing Account	110,221	122,368
Total Bank accounts and cash	113,369	126,979
Debtors and prepayments		
Accounts Receivable	545	80
Payments in Advance	(80)	(80)
Sundry Debtors	2	2
Total Debtors and prepayments	467	2

Investments

BNZ Term Deposit 03004	69,188	66,496
BNZ Term Deposit 03007	111,513	106,953
Total Investments	180,701	173,450

2019 2018

4. Analysis of Liabilities

Creditors and accrued expenses		
GST	(801)	(443)
Receipts in advance	(1)	(1)
Total Creditors and accrued expenses	(803)	(444)
Other non-current liabilities		
Sundry Creditors	29	-
Total Other non-current liabilities	29	-

2019 2018

5. Property, Plant and Equipment

Furniture and Fittings		
Furniture and fittings owned	46,454	46,454
Accumulated depreciation - furniture and fittings owned	(46,408)	(46,376)
Total Furniture and Fittings	46	78
Total Property, Plant and Equipment	46	78

6. Accumulated Funds

Accumulated Funds		
Opening Balance	300,952	306,562
Accumulated surpluses or (deficits)	(5,595)	(5,610)
Total Accumulated Funds	295,357	300,952
Total Accumulated Funds	295,357	300,952

7. Commitments

There are no commitments as at 31 December 2018 (Last year - nil).

8. Related Parties

There were no transactions involving related parties during the financial year.

9. Events After the Balance Date

There were no events that have occurred after the balance date that would have a material impact on the Performance Report (Last year - nil).

10. Ability to Continue Operating

The entity will continue to operate for the foreseeable future.

Financial report

The RNZIH made a cash loss of \$5,595 for the year ended 31 December 2019, similar to the loss of \$5,610 for the year ended 31 December 2018.

Additional expenses during 2019 were incurred holding the one-day RNZIH symposium at Te Papa, Wellington on 24th October. We have held our membership subscription at current levels for several years despite steadily increasing costs.

About 25 members have not yet paid their 2020 subscription. We thank those of you who have paid for your support.

For 2020 to 2023, we will be managing funds in a separate account for a new 'Taking Stock: Resolving New Zealand's Cultivated Plants Problem' project funded by the Ministry for Primary Industries' Sustainable Food & Fibre Futures fund, with co-funding provided by the RNZIH, Manaaki Whenua – Landcare Research, and others.

Chris Webb
Treasurer RNZIH



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