



**Royal Society of New Zealand
Canterbury Branch**

2021

**ANNUAL
REPORT**

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Officers and Council 2021

<i>President:</i>	Roger Fagg
<i>Vice-President:</i>	Kelly Duncan
<i>Past President:</i>	Alec Ford
<i>Honorary Secretary:</i>	Rob Cruickshank
<i>Honorary Treasurer:</i>	James Lawson
<i>Council:</i>	Grant Bennett, John Clemens, Will Godsoe, Mike Reid, Cor Vink

Representatives of the Branch

Canterbury Museum Trust Board:	Dr Rob Cruickshank
Riccarton Bush Board of Trustees:	Professor David Norton

2022 Annual General Meeting Notice

Notice is given of the 2022 Annual General Meeting of the Royal Society of New Zealand, Canterbury Branch, to be held at 6.30 pm on Monday, 30 May 2022, in TSB Space at Tūranga Library, 60 Cathedral Square, Christchurch 8011.

Agenda

- 1** Roll, Apologies and Proxy Votes
- 2** Minutes of the Annual General Meeting held on 7 April 2021
- 3** Business arising
- 4** 2021 Reports from Council and Representatives
- 5** 2021 Financial Reports
- 6** Appointment of Auditor
- 7** Election of Officers and Council

8 Subscriptions

Council recommends the following motion as included on the Proxy vote form: To set the subscriptions for 2022 to \$45 Ordinary, \$35 Retired and \$10 Student, all discountable by \$5 for prompt payment.

9 General Business

Minutes: 2021 Annual General Meeting

Minutes of the 2021 Annual General Meeting of the Royal Society of New Zealand, Canterbury Branch, held at 7.00 pm on Wednesday, 7 April 2021, in the Sydenham Room, South Library, 66 Colombo Street, Christchurch 8022.

1 Roll, Apologies and Proxy Votes:

Apologies: Jeremy Hornibrook, David Pepperle, Julian Earwalker

Proxies received: None

Present: Paula Jameson, John Clemens, Guy Faes, Mike Reid, Jo Lord, Alec Ford, James Lawson, Kelvin (Kelly) Duncan, Tony Mander, John Campbell, Pat Campbell, David Reynolds, Margaret Austin, Helen Pugh, David Eddy, Grant Bennett, Will Godsoe, Rob Cruickshank (18)

Motion: That the apologies be accepted. Moved from the Chair.

Passed.

2 Minutes of the Annual General Meeting held on 30 September 2020:

Motion: That the minutes of the 2020 AGM be taken as a true and accurate record. David Reynolds/Kelly Duncan. *Passed.*

3 Business arising:

Roger Fagg reported that a lawyer without a conflict of interest is being sought to give advice to the Branch on the University of Canterbury Trust Fund. Kelly Duncan agreed to write an article about Brian Molloy for the next newsletter.

4 2020 Reports from Council and Representatives:

Motion: That the President's Report be received. Moved from the Chair. *Passed.*

Motion: That the Report of the Branch Representative on the Canterbury Museum Trust Board be accepted. Rob Cruickshank/Kelly Duncan. *Passed.*

The Report of the Branch Representative on the Riccarton Bush Board of Trustees had not been received at the time of the meeting.

5 2020 Financial Reports:

A letter has been sent to the University of Canterbury asking for \$25,000 to be transferred from the Trust to the Travel and Research fund. No reply has yet been received after three weeks.

Motion: That the 2020 financial statement be accepted. Alec Ford/Pat Campbell. *Passed.*

6 Appointment of Auditor:

Motion: That David Reynolds be appointed auditor. John Campbell/Tony Mander. *Passed.*

7 Election of Officers and Council:

Motion: That Roger Fagg be appointed as Branch President. Rob Cruickshank/Kelly Duncan. *Passed.*

Motion: That Rob Cruickshank be appointed as Honorary Branch Secretary. Roger Fagg/Will Godsoe. *Passed.*

Motion: That James Lawson be appointed as Honorary Branch Treasurer. Kelly Duncan/John Clemens. *Passed.*

Motion: That Kelly Duncan be appointed as Branch Vice-President. Pat Campbell/Grant Bennett. *Passed.*

Alec Ford remains as past president.

Motion: That Mike Reid be elected to Branch Council. Tony Mander/Alec Ford. *Passed.*

Motion: That Grant Bennett be elected to Branch Council. Rob Cruickshank/Will Godsoe. *Passed.*

Motion: That Will Godsoe be elected to Branch Council. Rob Cruickshank/Grant Bennett. *Passed.*

Motion: That John Clemens be elected to Branch Council. Rob Cruickshank/Grant Bennett. *Passed.*

Motion: That Craig Bunt be elected to Branch Council, subject to joining the Branch. Grant Bennett/Rob Cruickshank. *Passed.*

Motion: That Miranda Satterthwaite be elected to Branch Council, subject to joining the Branch. Grant Bennett/Rob Cruickshank. *Passed.*

8 Subscriptions:

Motion: That subscriptions be set at the rates recommended by Council as the Branch is expecting to be much more active this year. Paula Jameson/Alec Ford. *Passed.*

9 General Business:

There was a brief discussion of Canterbury University Library borrowing rights for members, and other member benefits. The new Branch Council will look into this and report back to members in a newsletter later in the year.

John Campbell urged the new Branch Council to address the current gender imbalance among Council members and officers.

Kelly Duncan suggested combining the AGM with a talk next year.

Meeting Closed: 7.47 pm

Financial Reports

Treasurer's Report for the 12 Months ending 31 December 2021

Statement of Accounting Policies

1. **General accounting policies:** The measurement base adopted is that of historic cost, reliance is placed upon the fact that the Society is a going concern.
2. **Particular accounting policies:**
 - a) Shares are valued at market value on 31 December 2021
 - b) These accounts have been prepared on a GST inclusive basis.
 - c) No provision is made for taxation, as the Branch is exempt.
 - d) The branch is an incorporated society and a registered charity with number CC28273 and must meet various management and reporting requirement as a consequence including annual submission of these accounts to the Charities Commission.
3. **Changes in accounting policies:** There have been no changes in accounting policies this year. The 2021 accounts have been reviewed by David Reynolds and his report is included below.

4. Financial Reports to follow below:

The Royal Society of New Zealand Canterbury Branch Incorporated					
Statement of Financial Position as at 31 December 2021					
2020					2021
	ASSETS				
\$4,031	BNZ Non Profit Org A/C				\$18,006
\$67	BNZ On Call				\$67
\$27,273	BNZ Term Deposits				\$0
\$0	Paypal Account				\$0
\$30,481	Shares (market value at 31 December)				\$33,681
\$0	Royal Society of NZ Endowment Fund Trust Balance				\$40,826
\$61,852	Total Assets				\$92,580
	Less Liabilities				
\$0	Sundry Creditors				\$0
\$61,852	Net Assets				\$92,580
	ACCUMULATED FUNDS				
	Brought Forward				\$62,638
	Plus Surplus for the year				\$29,942
\$61,852	Net Assets				\$92,580
	UNIVERSITY OF CANTERBURY TRUST FUND				
	Account Number 93260 - Royal Society of NZ Canterbury Branch Trust				
	Balances as at 31 December 2021				
	DRAFT/UNAUDITED				
2020					2021
\$463,809	Opening Balance at 1 January				\$520,219
\$0	Expenses				-\$25,051
\$20,871	Apportionment of Distribution -Loss/Gain				\$22,846
\$6,493	CPI Adjustment to Capital Base				\$19,028
\$29,046	Revenue Reserve				\$0
\$520,219	Balance at 31 December				\$537,042

The Royal Society of New Zealand Canterbury Branch Incorporated	
Statement of Income and Expenditure to 31 December 2021	
2020	2021
Income	
\$1,290 Subscriptions	\$2,430
\$701 Dividends	\$1,575
\$0 Donations	\$306
\$0 RSNZCB Trust Transfer 12 July 2021	\$25,000
\$638 Interest	\$54
\$0 Royal Society of NZ Endowment Fund Trust Income & Capital Growth	\$826
\$2,629 Total Income	\$30,191
Expenditure	
\$195 Open Host/General Expenses/Admin	\$233
\$6 Bank Charges/Paypal fees	\$1
\$0 RSNZ Constituent Body Meetings	\$0
\$1,103 Donations, Grants & Prizes	\$500
\$743 Newsletters & Annual Report	\$603
\$1,318 Meetings	\$2,112
\$0 Honoraria	\$0
\$3,365 Total Expenses	\$3,449
-\$736 Operating Surplus (Loss) for the year	\$26,742
\$354 Gain(Loss) in Share Market Values	\$3,200
-\$382 Total Surplus (Loss) for the year	\$29,942

5. **Statement of Financial Position as at 31 December 2021 - Listed Shares:** The Branch holds the shares as listed below. These shares remain from a group of shares received in the bequest of C&E Fenwick around Year 2000.

1	Valuation of Listed Shares at 31 Dec 2020		\$30,481
2	Valuation of Listed Shares at 31 Dec 2021		
	ANZ	1004 at	\$27.51
	Fisher & Paykel	185 at	\$32.76
	Total Value		\$33,681
	Gain(Loss) in Share Market Values		\$3,200

- 6. Statement of Financial Position as at 31 December 2021 - Royal Society of NZ Endowment Fund Trust Balance:** The Canterbury Branch deposited \$40,000 into the Fund in the period ending 31 December 2021. This earned Income and Capital Growth of \$826.16.

Canterbury Branch Fund		For period ended:	31/12/2021	
<i>Details</i>	<i>Date</i>	<i>Amount</i>	<i>Balance</i>	
Cash Deposit	6/10/2021	30,000.00	30,000.00	
Cash Deposit	1/12/2021	10,000.00	40,000.00	
Income & Capital Growth	31/12/2021	826.16	40,826.16	
Closing Balance				40,826.16

- 7. Internal Financial Management:** Council manages the finances of the Branch with internal checks and procedures. All monies received are credited into the Society’s BNZ Non-Profit Organisation A/C. Regular payments to creditors are paid automatically. Other payments are listed for Council meetings and made by electronic transfer authorised by 2 of the 3 signatories.
- 8. The Royal Society of NZ Canterbury Branch (RSNZCB) Trust:** The University of Canterbury administers the trust as trustee. The trust was established in 1992 and is registered with the Charities Commission charity number CC45225. The capital came from a number of gifts to it in its first decade from philanthropist Brian Mason and this has grown considerably since. The primary purpose is to support the travel and research grants makes to young scientists. The trust financial statements are publicly available on the Charities Commission website. However, these figures are included in this report for the interest of members. During 2020 changes to the trust arrangements at the University of Canterbury lead to the trust being removed from the University Combined Trust scheme. But at the end of the year the University was still administering the trust. An amount of \$25,000 was transferred from the Trust to the branch on 12 July 2021, and is included in the Statement of Income and Expenditure to 31 December 2021.

James Lawson, Branch Treasurer

Auditor's report from David Reynolds

AUDIT – The Royal Society of N.Z. Canterbury Branch

I viewed the records and procedures used to prepare the attached financial report for the year ended December 2021, and am satisfied that it reflects a true and accurate account of what has taken place; and that it is all in accord with the dictates of the constitution.

I would conclude by reminding members that they have a duty of care to ensure that while the accounts may be correct and compliant with the aims and objects of the constitution; that thought should also be given to how our activities might be extended or done differently. The founders of the Society back in the 1600s had the vision of extending knowledge and science. That has never been successfully contested or altered and for good reason. Are we holding the torch to present needs and opportunities?

D.G.Reynolds – Auditor – 7-3-2022

President's Report 2021

2021 was again challenging for the Branch. Planned events had to be cancelled and the council met mainly by Zoom. The Council tried to arrange a speaking programme, and while it was difficult, we were able to hold two events, A Mars landing day, and Café Scientifique in Christchurch, and with the assistance of South Canterbury Museum some talks in Timaru. All events were all well attended. Many thanks to Rob and Grant for arranging the Christchurch events.

With travel restrictions, no travel awards were granted, but we were able to support a summer student programme undertaken by the Banks Peninsula Conservation Trust involving lizards.

The issues with the RSNZ Canterbury Branch Trust Fund remain and we wait to hear from the Trustees as they are seeking legal advice. We did withdraw \$25,000 from the Trust as reimbursement for the past payments of travel grants, that came out of the branch's funds. This money was deposited with the RSNZ Endowment Fund.

On advice from our honorary Treasurer James, we withdrew all our term deposits and place them in the RSNZ Endowment Fund. The money we have is effectively on-call but with far better returns.

We reinstated a newsletter to the members and have received suggestions for speaker and field trips. This along with our Facebook page, we hope members are kept in touch to what is happening.

In the coming year, we plan to rebuild our webpage, hold more speaking programmes, field trips and begin to rebuild the branch membership, as well as continuing building our relationship with various organisations who are keen to be involved with the branch.

Finally, I like to finish with some thanks. To our representatives on the Canterbury Museum Trust Board (Dr Rob Cruickshank) and Riccarton Bush Board of Trustees (Prof. David Norton), for their enthusiasm in representing the Branch. To our honorary Secretary Rob and Treasurer James, many thanks for all your hard work, help and support. To the rest of the council, Kelly, Grant, Alec, Will, Mike, Miranda, Cor, John many thanks for your help and support. It is not easy meeting via Zoom, but we worked well as a team and made decisions that has placed the branch in good stead for the coming year.

Lastly, to the members, thank you for staying with us, the past few years have been difficult, but your support and desire to keep the branch running has been the motivation for the council to make the decisions it has.

Roger Fagg
Branch President
BCRSNZ

2021 Programme

Travel Grants: No Travel Grants were applied for or awarded in 2021 due to restrictions on travel during the COVID-19 pandemic.

Research Awards: We awarded one Summer Scholarship to The Banks Peninsula Conservation Trust for research on Banks Peninsula lizards conducted by a student at Lincoln University.

Events: Despite COVID lockdowns, which curtailed our planned programme, we were able to host the following events...

Timaru

March: Terri Elder - Curator Teece Museum of Classical Antiquities; University of Canterbury. *Ancient Greece in Aotearoa*

April: Ben Harris, Medical Microbiologist. *Infectious diseases, COVID and vaccinations*

April: Prof. Hamish Spencer, University of Otago. *Charles Darwin and cousin marriages, with some genetics thrown in*

May: Peter Almond, Lincoln University. *Insight into climate change from loess*

July: Dr Karen Pollard, University of Canterbury. *Life and death of stars in our galaxy*

August: Associate Professor James Scott, University of Otago. *How can we tell what Mars is made of?*

November: Professor Paul Trebilco, University of Otago. *House Churches in the 1st Century*

Christchurch

February: Mars Rover Landing Day

April: Café Scientifique

Representative's Reports

Canterbury Museum Trust Board

Dr Rob Cruickshank

Despite another challenging year, Canterbury Museum was able to report many significant successes during 2021. Perhaps most significant was the opening of Ravenscar House Museum in July. This houses the art collection of philanthropists Jim and Susan Wakefield and is built on land opposite the Museum in Rolleston Avenue gifted by Christchurch City Council. The interior is arranged to reflect the Wakefield's Scarborough home (which they had intended to gift to the people of Christchurch, but it was too badly damaged in the earthquakes) and it contains furniture, paintings and other works of art, and a library of books. The Museum's staff are to be congratulated on an outstanding job, which brings us a new 'contemporary house museum' in Christchurch, a concept that, although

not new, is gaining popularity with tourists and art lovers around the world and promises to be popular with overseas visitors as they return to our shores again post-covid.

The astonishing range of special exhibitions on offer at the Museum this year has been truly remarkable, particularly given the logistical challenges that covid poses when moving fragile museum objects around and installing them in new places. Among many other things, visitors have been able to enjoy exhibitions about the moon; a 50-year career retrospective from bone carver Owen Mapp; some spectacular photographs from the *Wildlife Photographer of the Year Competition* (a regular favourite with locals); installations from acclaimed artists Jacqueline Greenbank (who reimagined a Chinese Greengrocer from the 1940s/50s in the Museum's ever popular Christchurch Street) and Benjamin Work (who painted a huge mural on the floor of the Special Exhibitions Hall inspired by designs on 'akau tau – Tongan war clubs); an exhibition of experimental artworks by sculptor and long-time associate of the museum, Graham Bennett; a very popular hands-on exhibition inspired by Galileo; and a showcase of the Museum's natural history collections called *Fur, Fangs, and Feathers*. These were accompanied by many very successful education programmes and touring exhibitions.

The Museum's collections continue to be very well looked after. New acquisitions included a sledge used on Edmund Hillary's Transarctic expedition; a sideboard owned by the Museum's founder, Sir Julius von Haast; a fossil turtle that was found embedded in a limestone pillar at Oxford Terrace Baptist Church; and a huge collection of mayflies donated by long-term Museum Research Fellows Terry and Tim Hitchings. Significant numbers of items have also been added to the Museum's online collections, which have proved popular with people stuck at home due to covid, and orders from the Image Service (for use in books, journals, documentaries, etc.) have been significantly up on recent years, showing that importance and utility of the Museum's collections extends well beyond the building's walls.

The Museum's researchers have been no less busy, with significant research on topics as varied as dog biscuits in early Antarctic exploration, pounamu exports from New Zealand, WWII air defences, Māori stone artifacts, ancient penguins, plesiosaurs, and an extraordinary humped-back spider new to Christchurch (an Australian interloper with fascinating biology), to mention just a few. Many of these projects have

been reported in the press, and on the Museum's own ever fascinating [blog](#), which is well worth following.

The planned redevelopment of the Museum continues to gain momentum, and the Board have spent much time this year on scrutinizing plans and weighing up various options. You can expect to hear a lot more about that over the coming year.

Finally, this year the Museum marked 25 years' service from its Director, Anthony Wright, who has resolutely steered it through some tough times. This was a welcome cause for celebration by staff and Board members during a difficult year, and it is a credit to Anthony, and to his dedicated and talented staff, that the Museum seems to be weathering the current storm of the covid pandemic so well. There are many more challenges ahead, so long may this continue.

Riccarton Bush Trust Board

Professor David Norton, School of Forestry, University of Canterbury

This report is written in my role as the representative of the Canterbury Branch, Royal Society of New Zealand, on the Riccarton Bush Trust Board, and covers the 2021 calendar year. It is a real privilege to be part of the Trust Board and I am very appreciative of the Canterbury Branch for reappointing me for a further term. I continue to be an active Board member and also chair meetings of the Bush and Grounds Subcommittee of the Board.

While less disruptive than 2020, Covid continued to have impacts on our operations in 2021. Notwithstanding this, the Board dealt with a wide range of issues over the year, and while I am actively involved in all of these, I have a particular focus on those relating to the Bush and the house grounds. Our new ranger Mike Steenson has settled into his role really well and is doing an outstanding job. It has been a pleasure to work with him.

While I continue to have input into a range of issues around the management of the bush and grounds, my main focus in 2021 been the development of the project to upgrade the tracks and interpretation in the Bush. In 2020 we selected Kamo Marsh Landscape Architects to help us with this and in 2021 we have worked with them to develop a concept plan for this project. This project aims to upgrade the tracks through the

Bush (following the existing track footprint) and develop a modern interpretation with a special focus on the values associated with the bush that are important to Ngāi Tūāhuriri, but also telling stories around the ecology of the bush and early European settlement.

We want to be able to provide access to and through Riccarton Bush/ Pūtaringamotu for all users. The existing boardwalk is starting to decay and parts of the concrete path are also deteriorating, with both in need of replacement to provide safe access. We see this as an opportunity to upgrade the whole track which will be a mix of gravel path and boardwalk. Enhanced accessibility through the Bush will also reduce the degradation of, and impact on, the ecology of Pūtaringamotu.

At the same time, we will utilise the track upgrade as a chance to enhance the overall amenity of the Bush through upgraded interpretation and seating, with a particular focus on installing interpretation of values associated with Pūtaringamotu that are important to Ngāi Tūāhuriri. We have been working with Matapopore, in conjunction with Kamo Marsh, to provide this cultural material.

We now have a fully developed Concept Plan for the project and at the end of 2021 we started considering options for fund raising and addressing resource consent issues with Christchurch City Council. These two activities will be a major focus for 2022 and hopefully we will be able to start construction towards the end of 2022.

Pūtaringamotu is an incredible taonga. In my mind, the core role of Pūtaringamotu is educational in the broadest sense of that term, and I see our role as Trustees as one of helping to sustain Pūtaringamotu as a living forest that enables the people of Christchurch to connect with the bush and its history. I see this redevelopment of the walkway and associated interpretation as being vitally important for this.

Branch Membership

	2021	2020	2019	2018
Honorary	1	0	0	0
Life	1	3	2	2
Ordinary	55	76	75	72
Retired	33	49	54	61
Student	0	1	1	1
Fellows	41	40	-	-
Total	90	129	132	136

Constitution

See the 2018 Annual Report for the **Constitution** and the text of the **RSNZ Canterbury Branch Trust Deed**.