

# Newsletter



1993  
No. 1  
March

Royal New Zealand Institute of Horticulture (Inc.)

## New Zealand Plant Collections Register

Since 1990 the R.N.Z.I.H. has been compiling a comprehensive list of significant plant collections in New Zealand. The New Zealand Plant Collections Register is being compiled by Auckland member Dr. Keith Hammett and currently contains in excess of 250 entries. The register documents the type of collection (for instance Cordyline, Magnolia or Nerine) how many species or cultivars are in the collection, and who holds it.

The R.N.Z.I.H. has recently been awarded at grant of \$4,500 from the Lottery Grants Board to complete this work and publish the results.

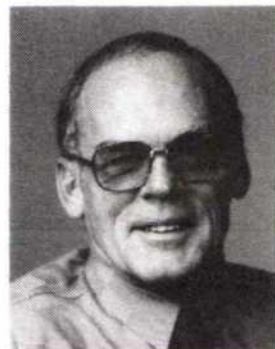
A working group of Dr. Hammett, Marion Mackay, Dr. David Given and Mike Oates are now working on the project and hope to have it finished by the end of the year.

The register will have many uses:

- It will be of value to nurserymen and gardeners seeking plants new to their range.
- It will offer the opportunity to avoid the reintroduction of germplasm. Already in the country, this is reducing the risks of importing new pests and diseases.
- Plant breeders will see such a register as a guide to available germplasm for breeding programmes.
- Act as a guide to the vulnerability of each species or cultivar. Clearly if plants are grown widely they are less likely to be lost than if only a few specimens exist in one or two collections.
- Threatened native plants in cultivation may be used as some material for replanting programmes into the wild.

The programme is a very exciting one and is the first stage in the development of a national database of cultivated plants.

The latest list will appear in the Summer 1993 edition of 'Horticulture in New Zealand'. If you are aware of collections not on the register, please send details to Mr. Keith Hammett, 488c Don Buck Road, Massey, Auckland 8.



Ron Flook,  
Member  
R.N.Z.I.H.  
National  
Executive

Ron Flook Dip. ILA (Glos.), ALI (U.K.) ANZILA, FRIH, president of the Institute of Landscape Architects 1989-1993.

Since his return to New Zealand Ron has worked for the Wellington City Council as Landscape Architect from 1980 to 1984 and then joined Boffa Miskell & Partners as Design Consultant from 1984. His work in urban open space design has won awards in New Zealand and from Australia. His public lectures include the R.N.Z.I.H. Ian Galloway Memorial Lecture. He has been a visiting lecturer at Lincoln University and is an examiner of the Landscape Architecture degree course finals.

He joined the Notable and Historic Trees Committee in 1981 and became chairman and then was elected onto the National Executive of the R.N.Z.I.H. where he serves as Convenor for the Notable Trees Scheme.

Ron was awarded a fellowship of the R.N.Z.I.H. for his work on a Tree Evaluation Method for New Zealand. He is currently working on a Notable Trees Handbook which will be a description of the 2000 entries for trees in the R.N.Z.I.H. Notable Tree Register. The work is progressing slowly due to the lack of finance for research, which is being done painstakingly in voluntary time. Each entry has to be checked and the more research that is done, the more facts appear. All the entries in the R.N.Z.I.H. National Tree Register are now listed on computer disc which was a major hurdle. The retrieval system



*Clematis paniculata*



*Hohertia populnea*



*Fuchsia excorticata*

now available has decreased the time for recall and entry of additional data. Ron is involved with the NZ/AUS Standards Association who are working on the development of a Standard for Tree Valuation. He is also registering Notable Trees in the Nelson Region where he now resides.

He will be standing down as President of the Institute of Landscape Architects in February 1993, and is looking forward to having more free time to develop his interests in recording the nationally important trees of this country which he regards as our great Heritage. He has frequently had articles published here and abroad on both landscape design and notable trees.



### Restoration of Pseudopanax Collection

Ventnor Botanic Garden on the Isle of Wight has the most important collection of Pseudopanax species and cultivars outside New Zealand. In September thieves stole the entire collection, the plants probably destined for the garden of a collector.

The Otari Native Botanic Garden in Wellington has contacted Ventnor and agreed to coordinate the collection of seed in New Zealand to assist with the restoration of this collection. If you are able to supply seed of any Pseudopanax species can you please let us know. Ventnor are particularly keen to gain several accessions of each species from different localities to ascertain how much provenance affects the outcome of the plants growing in the UK.

Mike Oates, Curator,  
Otari Native Botanic Garden  
Wellington City Council,  
Box 2199, WELLINGTON



### Yuccas and Related Species

Trevor Key from England is interested in yuccas and related genera such as *Beaucarnea* and *Beschorneria* that are cultivated in New Zealand. He would like to receive information from people growing these plants, along with any references to their cultivation. He has built up a large collection of these plants. Please contact Trevor at 15 Newbold Avenue, Newbold, Chesterfield, S41 7AR England.

# Cornwall's traditional foliage crops have a familiar sound to them

There's an old saying about nothing being new under the sun, but newcomer growers could be excused for doing a double-take on reading in *Flower Trades Journal* a story about the traditional foliage crops of Cornwall.

They are:

- Pittosporum, and
- Eucalyptus!

Yes, good old Kiwi and Aussie natives are 'traditional' crops for Cornwall.

*Journal* reported that new plantations of pittosporum and eucalyptus are now in peak production, as a result of investment following freak frosts in 1987 which killed or damaged the mature plantations.

The *Journal* said Cornwall's major foliage crop is pittosporum tenuifolium which accounts for 75 per cent of the acreage grown.

'(It) is a native of New Zealand introduced in the middle of last century and widely grown as an ornamental tree in the milder parts of the UK.'

'It has been recognised as an attractive evergreen foliage since its introduction, but commercial production dates back some 80 years.'

'Although current acreage is less than the peak of 20 years ago, today's plantations are more intensive and the bushes kept pruned back to promote cleaner young growth, free from the stiff old wood from large trees.'

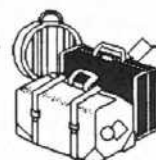
The eucalypt involved, known as the Tasmanian Cider Gum, is the second most important foliage crop and others are familiar camelia - and wait for it - the elaeagnus, both green and variegated.

'Phormium varieties, the New Zealand flaxes, are a new line being tried, their elegant sward-like leaves being sought by floral artists,' the *Journal* said.

Regarding the needs of florists, the *Journal* said well presented, clean foliage with no wastage for the florist to cut away, is enjoying a good demand from the market.

'Pittosporum and eucalyptus provide the ideal foil for all local floral displays, bouquets and sprays. Freshness, availability, long vase-life and good value are features which recommend their use more widely.'

From 'Flowers New Zealand' January 1993



## Welcome Home

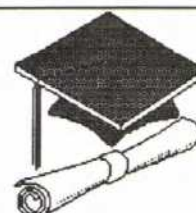
We welcome back National Executive member David Shillito, who this month returned from sabbatical leave at Oregon State University, U.S.A.

It is good to have David back in his seat at the National Executive meetings and to see him when he visits the National Office from time to time.





# Congratulations



To the following students who completed qualifications in the  
1992 R.N.Z.I.H. examinations

## National Certificate in Horticulture - Amenity Hort

Mr Christopher David ANTILL	CHRISTCHURCH
Mr Nathan Philip AUSTIN	OAMARU
Mr Michael Beat BUNTER	AUCKLAND
Ms Barbara Ann CAMPBELL	AUCKLAND
Mr Surendra DASS	AUCKLAND
Ms Helen Susan FORDHAM	DUNEDIN
Mr Adrian John FREEMAN	HASTINGS
Ms Sarah Ann GRIEG	CHRISTCHURCH
Ms Marianne GROOTHUIS	DUNEDIN
Mr Owen Michael KING	HAMILTON
Mr James Anthony LEDINGHAM	WELLINGTON
Mr John Peter LEECH	MANA
Mr Simon Neil Brereton LOSH	AUCKLAND
Mr Simon Mark McLEAN	AUCKLAND
Ms Victoria Elizabeth MUXLOW	WELLINGTON
Mr Bede Francis NOTTINGHAM	CHRISTCHURCH
Mr Derek Martin RUSSELL	CHRISTCHURCH
Mr Mark STONE	TAURANGA
Mr Timothy Alfred WILLIAMS	ENGLAND

## National Diploma in Horticulture - Amenity Hort

Mr Simon Hugo BAYNES	AUCKLAND
Ms Maureen Anne ELLIOTT	PALMERSTONNTH
Mr Robert John GRAHAM	WELLINGTON
Mr James John Knox JONES	WELLINGTON
Mr Paul David MURRAY	AUCKLAND
Mr Wayne Douglas PHILLIPS	KELBURN
Ms Diane Marilyn ROSSITER	WHANGAREI
Ms Irene Elizabeth ROSS	BLENHEIM
Mr Alexander Douglas THOMSON	DUNEDIN
Miss Shona Faye TOMLINS	INVERCARGILL
Mr Jeffery David WILSON	PUKEKOHE

## National Certificate in Horticulture - Fruit Production

Mr Graeme Russell JACKSON	HASTINGS
Ms Mary Catherine WILKINS	CHRISTCHURCH

## National Certificate in Horticulture - Nursery Prod.

Ms Lisa Joy ANDREWS	NELSON
Ms Deidre EICHLER	TAURANGA
Mr Lindsey Charles HATCH	PUKEKOHE EAST
Ms. Lisa Anne WORSTER	HAMILTON
Ms Glenda Margaret YOUNG	UPPER HUTT

## National Diploma in Horticulture - Nursery Prod.

Mrs Louise Adele DREADON	AUCKLAND
Miss Alice Naomi LLOYD-FITT	DUNEDIN
Mr Kerry Reginald McGUIRE	TUAKAU
Mrs Joy Claudette McINTOSH	KAWERAU
Ms Kathrina Marianne MULLER	AUCKLAND
Ms Jennifer Joan PERANO	S.CANTERBURY
Mr Roger Jocelyn SPRING	AUCKLAND

## Horticultural Sales Certificate

Ms. Joanne O'NEILL	WELLINGTON
Ms. Sarah June STEEL	AUCKLAND

## Certificate in Horticultural Management

Ms Donna Marie CHRISTIANSEN	NEW PLYMOUTH
Mr. Matthew Brian COSTAR	NELSON
Mr. Dominic Joseph GUZZO	HAMILTON
Mr. Barry Raymond MONKS	AUCKLAND
Mr Harry ROELOFS	CHRISTCHURCH

## Certificate in Horticultural Theory

Ms Kay BARTON	CHRISTCHURCH
Mrs Susan Anne BENNETT	CAMBRIDGE
Mr Alan David BOOTH	AUCKLAND
Mr James CALDWELL	AUCKLAND
Ms Henrica Maria Theresia COLLET	MARLBOROUGH
Mr Ian James CRAWFORD	AUCKLAND
Mr Thomas Michael DAWE	NAPIER
Mr Peter John DAYMOND-KING	HELENSVILLE
Ms Janet Cherie DEHN	CHRISTCHURCH
Miss Miriam DE JONGE	PAPAKURA
Miss Rosemary DOWD	AUCKLAND
Ms Patricia FENTON	AUCKLAND
Ms Deborah Diana GARMONSWAY	WELLINGTON
Ms Julie GREGORY	NGARUAWAHIA
Mrs Judith Margaret HILL	NAPIER
Ms Cecillie Margaret JOHNSTON	AUCKLAND
Ms Shirley Anne KEMP	GISBORNE
Ms Lynda Jean KITE	HAMILTON
Mr Simon Marcel KLAUS	NAPIER
Ms Penelope Prudence LARSEN	WANGANUI
Ms Susan Mary Margaret McNUTT	BALCLUTHA
Ms Patricia Anne MEYER	LOWER HUTT
Miss Candace Lee MILLER	AUCKLAND
Ms Lesley Suzanne MILLNS	WANGANUI
Ms Elizabeth Joanne MOSS	NAPIER
Mr Christopher Lloyd NOBBS	AUCKLAND
Ms Heather Ann PARKER	CHRISTCHURCH
Mr Maurice Leyland PUCKETT	AUCKLAND
Mr Aaron John QUINN	ALBANY
Ms Jane RIDDIFORD	AUCKLAND
Mr Kevin Peter SCHOFIELD	AUCKLAND
Miss Jessie Merle SHEAT	CHRISTCHURCH
Ms Frances Mary TEBAY	OHAKUNE
Ms Judith Florence THOMAS	MANUREWA
Ms Dagmar Else TIETZ	AUCKLAND
Miss Sheena Maree WARRING	HAWKES BAY
Mr Paul Spencer WILSON	AUCKLAND
Mr Niven WINDER	AUCKLAND



## FRST Funds Flower Venture

**W**hen Manawatu flower grower Mr. Monty Hollows decided to grow a new commercial flower crop he took on HortResearch scientists Ian Warrington and Debbie Bertaud as his research and development team.

That partnership began in 1986 and has helped Mr. Hollows' company Nerine Nurseries Ltd. become the biggest hybrid nerine producers in New Zealand. Now the partnership looks set to develop even further thanks to Government funding through the Technology for Business Growth Scheme administered by the Foundation for Research, Science and Technology (FRST).

This scheme provides financial support to encourage New Zealand industry to take advantage of research findings. It funds research, development and technology projects that are conducted jointly between business and research institutions.

Over the next three seasons the scientists will be taking their research out of the laboratory and onto Mr. Hollows' property to try to double the nerine flowering season from six to twelve weeks.

These extra weeks would spread the production peak of the crop distributing the load on staff and easing the pressure of handling large numbers of export flowers. It would also allow time for more extensive marketing and greater export sales overall.

HortResearch is well placed to work with innovative flower growers like Mr. Hollows. Its sophisticated Climate Laboratories in Palmerston North allow intensive studies of how new crops grow and develop, and can be manipulated to meet the market requirements of premium quality and timely production.

For further information please contact:  
Dr. Ian Warrington  
HortResearch, Batchelar Research Center  
Private Bag 11030  
Palmerston North  
Tel: 0-6-356 8080 Fax: 0-6-354 6731

## New Zealand Guardian Trust Co. Ltd.

### Templin Travelling Scholarships in Engineering & Horticulture

The N.Z. Guardian Trust Co. Ltd., as Trustee for the John Richard Templin Travelling Scholarship Trust, is calling for applications from Engineering Graduates of the University of Canterbury and Horticulture or Botany Graduates of Lincoln University, or Graduates who have obtained a National Diploma of the Royal N.Z. Institute of Horticulture, through the Reserves Department of the Christchurch City Council.

Any recipient must complete study in the United States of America, or Canada, and scholarships are tenable for one year.

Closing date for applications is 1 May 1993

Application forms are available from :  
Mr. Kelvin Glenn  
Assistant Manager, NZ Guardian Trust Co Ltd.  
P.O. Box 9  
CHRISTCHURCH  
Telephone 03 3790-644

## Superior Citrus Thanks to Industry Joint Venture

At HortResearch Kerikeri, citrus growers, nurserymen and researchers have joined forces to launch 'The New Zealand Citrus Budwood Scheme'. This ambitious project is expected to play an important role in the future of the New Zealand citrus industry.

It will give nurserymen access to budwood from the country's very best commercial citrus cultivars which, in the long term, will mean superior trees for the industry. Many New Zealand citrus orchards have been grown from inferior budwood selections, so the Scheme promises to dramatically improve both fruit quality and yield.

For the next five or six years budwood will be cut from top producing, disease free trees on orchards in Kerikeri, the Bay of Plenty and Gisborne. Budwood from cultivars imported from overseas, and new selections from the HortResearch citrus breeding programme will also be available through the Scheme.

The setting up and running of the Budwood Scheme is a true industry effort. The Citrus Sector of the New Zealand Fruit Growers' Federation and HortResearch are jointly providing facilities and labour, and the New Zealand Citrus Propagators will be assisting by paying a levy on each tree they produce during the next three years.

The Scheme is being managed by HortResearch staff at Kerikeri. FIPIA is coordinating the budwood supply and growers, researchers and nurserymen in each district will be involved in selecting the superior trees.

For further information please contact:

Mr. Andrew Harty and Dr. Pauline Mooney  
HortResearch  
Kerikeri Research Centre  
P.O. Box 23 Kerikeri  
Tel: 0-9-407 9611  
Fax: 0-9-407 9632



## R.N.Z.I.H. Calendar of Events and Dates to Remember 1993

<b>February</b>	Academic year commences and students include RNZIH fees in their student loan applications if desired. Applications for registration should be forwarded to RNZIH	<b>July</b>	National Executive Meeting - date to be finalised
<b>February 28</b>	Applications for Sir Victor Davies Award close  Applications for D.D. Baker Memorial Award close	<b>July 31</b>	Closing date for receipt of internal assessment administration/examination entry forms
<b>March 7</b>	Deadline for receipt of copy for RNZIH Newsletter 1993 #1	<b>August 31</b>	Final closing date for internal assessment administration/examination entry forms with late fee
<b>March 23</b>	Presentation of Certificates to Bay of Plenty graduates at the Arts and Craft Centre, Cnr Elizabeth & Glasgow St. Tauranga  Presentation of Certificates to Wellington graduates at the Education Centre, Botanic Gardens, Wellington	<b>September 7</b>	Deadline for receipt of copy for R.N.Z.I.H. Newsletter 1993 #3
<b>March 30</b>	Presentation of Certificates to Waikato graduates at the Hamilton Gardens Pavilion, Cobham Drive	<b>Mid September</b>	Timetables and details of examination locations etc. are forwarded to entered students
<b>May</b>	Presentation of Certificates to Auckland graduates at Regional Botanic Gardens	<b>Early October</b>	NDH Amenity and Nursery O & P II candidates to submit a copy of Landscape/Nursery plan (three weeks prior to the examination)
<b>May 7-10</b>	NZ Tree Crops Association Annual Conference at Lincoln University	<b>October 14-17</b>	R.N.Z.I.H. National Conference, Banks Lecture, Annual General Meeting in Dunedin
<b>May 12-14</b>	NZ Institute of Forestry Conference in Napier	<b>October 16</b>	Presentation of Certificates to Otago graduates at the Annual Conference Dinner, Larnach Castle, Dunedin
<b>May 19</b>	Presentation of Certificates to Canterbury graduates at the Canterbury Branch A.G.M. Canterbury Horticultural Centre, Christchurch	<b>October 31</b>	All Projects, Property Reports & Diaries to be submitted for 1993 examinations  Nominations for Fellow of the R.N.Z.I.H. close  Nominations for Associate of Honour of the R.N.Z.I.H. close
<b>May 30</b>	Deadline for student registrations	<b>November 8-12</b>	Written examinations held during this week
<b>June</b>	Internal Assessment Administration/ Examination Entry Form distributed to all <b>registered</b> students.	<b>November 26</b>	Final receipt of internal assessment pass/fail information at R.N.Z.I.H.  Applications for Plant Raisers' Award close
<b>June 7</b>	Deadline for receipt of copy for RNZIH Newsletter 1993 #2	<b>November 26</b>	Deadline for receipt of copy for R.N.Z.I.H. Newsletter 1993 #4
<b>June 16-19</b>	National Field Days, Mystery Creek. This year's focus is Horticulture	<b>December 23</b>	Release of examination results to students (proposed)
<b>June 19</b>	Canterbury Branch Seminar on Trees (Preservation) in Urban Environment		
<b>June 30</b>	Loder Cup Entries Close		

# Royal New Zealand Institute of Horticulture

## Prize Winners - 1992 Exams

**Cockayne Memorial Medal** for the candidate completing N.D.H. (Hons.) in Schedule 1 with the highest average mark in subjects 15 to 21 and an average mark of 70% or more.

No Award

**J.A. Campbell Memorial Prize** for the candidate completing N.C.H. in Schedule I or IV with the highest average mark in subjects numbers 10 to 14, awarded to :

Mr Timothy Alfred WILLIAMS - Auckland

**David Tannock Memorial Prize** for the candidate gaining the highest mark in subject No. 20 in Schedule 1, awarded to :

Mr. Jayson Andrew Kelly - Dunedin

**Junior Memorial Prize** for the candidate gaining the highest mark in Subject No. 14, awarded to :

Mr. Surendra DASS - Auckland

**Rita Skellerup Memorial Prize** for the candidate completing N.C.H. in Schedule II or III with the highest average mark in Subjects numbers 10 to 14, awarded to :

Ms. Mary Catherine WILKINS - Christchurch

**Peter Skellerup Prize** for the candidate gaining the highest average marks in subjects numbers 1 to 9, awarded to :

Ms Maureen Frances McMILLAN - Nelson

**N.Z. Fruitgrowers' Federation No. 1 Prize** for the candidate with the best overall record for a first year student in Schedule II, awarded to :

Mr. Antony Robert NANKERVIS - Hastings

**N.Z. Fruitgrowers' Federation No. 2 Prize** for the candidate with the best overall record in Subjects numbers 15 to 20 in Schedule II.

No Award

**N.Z. Vegetable & Potato Growers' Federation No. 1 Prize** for the candidate with the best overall record for a first year student in Schedule III, awarded to :

Mr. Andrew Craik - Wanaka

**N.Z. Vegetable & Potato Growers' Federation No. 2 Prize** for the candidate, other than a first year student, with the best overall record in Schedule III, awarded to :

Ms. Deborah Anne JORGENSEN - Whangarei

**Dugald McKenzie Prize** for the candidate presenting the best passing thesis in Schedule 1

No Award

**N.Z. Nurserymen's Association Prize** for the candidate with the best record for the year in Schedule IV, awarded to :

Ms. Sharon HINES - Auckland

**F. Cooper Memorial Prize** for the best record for a student completing the Horticultural Sales Certificate, awarded to :

Ms. Sarah June STEEL - Auckland

**Watkins Prize** for the best overall record for a student completing C.H.T. awarded to :

Mr. Maurice Leyland PUCKETT - Auckland



R.N.Z.I.H. & N.Z.A.A.

# 1993 A.G.M. & Conference

## 14 - 17 October

The 1993 A.G.M. and Conference will be held this year at Larnach Castle, Dunedin.

A brief outline of the programme is given below :

### Thursday 14 October

10.00 am - 4.00 pm  
R.N.Z.I.H. National Executive Meeting.  
7.00 pm - Opening of Exhibition  
7.30 pm - Mayoral Reception

### Friday 15 October

9.30 am N.Z.A.A. Executive Meeting.  
7.00 pm Banks Memorial Lecture

### Saturday 16 October

9.00 am R.N.Z.I.H. Annual General Meeting.  
7.30 pm. Annual Dinner, Awards, etc.

### Sunday 17 October

3.30 pm Official Closure

There will be a range of seminars, lectures, etc., the programme will be in the next newsletter.

Accommodation will be available at Larnach Castle.

For further details contact :  
Mr. Frank Buddingh'  
phone & fax 03 455 2897



### Welcome

to the following new members

AUCKLAND CITY	Landscape Architect Dept.
Mr M. AYRTON	AUCKLAND
Ms L. BISHOP	GREYMOUTH
Mrs. C.BROWN	CHRISTCHURCH
Mr R.J. DUNN	TUAKAU
Mr. M.GLASGOW	LOWER HUTT
Mr L. HAINES	AUCKLAND
Mr. D. HUNTER	CHRISTCHURCH
Mr. P JOHNSON	NELSON
Mr P.D. MARDON	HASTINGS
Mr T. PYE	OTAHUHU.
R.H.S. VICTORIA	AUSTRALIA
Mr A.J. SEARLE	AUCKLAND
Miss C.R.STUART	PUKEKOHE
Miss K.TOUFEXIS	WELLINGTON
Mr. M.W. WATSON	WAIKANAE
Mr. L.C. WOOD	TIMARU



# R.N.Z.I.H. Branch News

## Wellington

### Coming Events

Tuesday 23 March - The Galloway Memorial Lecture at the Education Centre, Wellington Botanic Gardens at 7.30 pm. Mr. Alan Jellyman will be speaking on "Enhancing the Urban Environment - Enhancing the Quality of Life". The graduation ceremony for RNZIH students will take place at this event.

Monday 9 April - Paul Coles of The Hutt City Council will discuss "Restructuring - What it has meant for Hutt City Parks".

Monday 17 May - Frank Boffa will talk about "Reconstructing an Historic Garden - A Case Study" The address will discuss work being done on an historic garden, as an example of what is involved in bringing back to an older garden as much of its former glory as possible.

Monday 21 June - A panel discussion on horticultural training; "To Train or Not to Train - The future for on-the-job Training".

Monday 19 July - Annual General Meeting of the Wellington Branch.

Monday 16 August - "Focus on the Changes to Horticultural Qualifications". An insight into the rapidly changing qualifications area.

### Desfontainia spinosa

Heard of this plant before? A quick glance at this plant and you could easily mistake it for a form of English holly. Its leaves are dark green and glossy with, as the name suggests, somewhat nasty looking spines on them. In fact they are very like holly leaves. But, planted in a semi shaded, sheltered spot at the back of a group of lower growing shrubs, a desfontainia is an interesting and uncommon feature plant. Why the back of the shrubbery? Well, there's less risk of the prickly leaves finding their way out to the paths or lawn areas where you may be walking with bare feet!

So, why grow this plant if it is likely to cause problems? The appeal of

the flowers outweighs any disadvantages. In mid to late summer large numbers of tubular flowers are produced. They are scarlet, with a yellow mouth. Quite a striking contrast.

Although not fast growing, desfontainias eventually grow to around 2m tall, and about .75m to 1m wide. Some light pruning may be needed to help develop a bush shape, but they don't usually need regular pruning.

Soil should be well drained, moist, and slightly acidic, so plenty of peat or other organic matter are ideal.

### Viburnum rhytidophyllum

Another plant of interest, especially to those who collect the less common plants. This larger growing evergreen viburnum is hardy and fast growing to 3 to 4 metres It has rather attractive leaves that are dark green, long, and have a heavily wrinkled surface. They have grey hairs on their underside which contrasts with the green of the upper surface. As a result, this viburnum makes a great background to plants with smaller leaves or those with lighter leaf colouring, or perhaps even variegated leaves.

Although it isn't easy to find in garden centres, there is a cultivar of this viburnum called 'Aldenhamensis'. The leaves of this are the same shape, size and colour as the species, but are dusted with gold on the tops of the wrinkles - an interesting effect.

Although *V. rhytidophyllum* flowers, the size and colour of the flowers makes them pretty insignificant. However, if the flowers are pollinated (two or more plants needed) you will get a colourful display of shiny red berries. These are, of course, well set off by the dark foliage.

The best location for this viburnum is a sunny or partly shaded spot with a well drained soil. The plant will tolerate a range of soils - clays through to sandy loams, as long as they don't dry during summer. In other words, it is easy to grow.

From the Wellington Branch Newsletter, February 1993

# Report to R.N.Z.I.H. National Executive

## Garden History Portfolio

by John Adam

### Historic Places Bill

**The planning and Development Select Committee is yet to report to Parliament on the hearing over the Historic Places Bill that occurred in October and November last. The Bill will probably become law when Parliament sits over the next few months.**

Members may be interested to know that at the Institute's March 1948 Conference in Dunedin, a number of resolutions were passed, including calling for "Legislation to grant an exemption from ratings of bush of scenic value ... pending inspection" of the Scenery Preservation Board. One called for the establishment of a National Trust (see *New Zealand Gardener*, 2 May 1949, p 707). The Under Secretary for the Department of Land and Survey's later reply to the resolutions was published in the *New Zealand Gardener* article. It said of the National Trust proposal:

Considerable doubt is felt as to whether it is necessary or desirable to set up in the Dominion a National Trust on the lines of the National Trust in Great Britain. In *The Dominion*, we have, for a great many years, statutory provisions for the permanent reservation of areas of scenic or historic value, and under this legislation, over twelve hundred scenic and historic reserves have been set apart throughout the country ... however, the suggestions has been noted for further consideration.

Six years later the first Historic Places Act would be passed, establishing the Historic Places Trust. (the original remit came from the Auckland District and urged that a National Trust with powers analogous to those of the National Trust be constituted for places of beauty and historic interest).

#### Intervention - Conservation Conference

I was invited to submit an abstract to an International Symposium "Intervention - Conservation of Urban Parks and Squares" to be held during the second week of May in Montreal, Canada. Confirmation of the abstract "Urban Park Evolution and Conservation in New Zealand" being accepted was received last

month (January). I am currently writing this paper. Amongst the Symposium sponsors in the ICOMOS-IFLA\* - International Committee of Historic Gardens and Sites.

(\*International Council on Monuments and Sites - International Federation of Landscape Architects)

#### Odo Strewe

Over the summer months there has been an exhibition at the Auckland City Art Gallery called *The 1950s Show* which features in a small side room, some of the private and public projects in plan and photograph of the then prominent Auckland landscape architect Odo Strewe (died 1986). Many of his projects are described in articles he wrote for *The New Zealand Home and Building Magazine* which I came across while writing an article about the late Roy L. Thornton - who designed the Musick Point landscape for the Radio Station near Howick in the early 1940s, and who wrote for the same magazine. Thornton received the Associate of Honour from the Institute about 1962. Both men appear to have been designing gardens in the modern style. Thornton was born in Auckland. Some biographical details recently found on Odo Strewe appear in *The New Zealand Home and Building* for July, 1951. He was born in Shanghai of Swedish-German parentage, "spent his youth in China and Japan, educated in Leipzig, Berlin University. Spent many years globe trotting the world as correspondent. Had an early enthusiasm for planting trees and making things grow. Entered winning designs for Wellington Garden of Remembrance (War Memorial), laid out gardens in Europe, Canada and Hawaii..."

#### Recent Garden History Literature

Adam, J. (1992). A New Outlook in Garden Design. Some notes on Roy

L. Thornton. In *Newsletter of Auckland District Committee of the Historic Places Trust*, p 2.

Adams, W.H. & Wrede, S., Eds (1991). *Denatured Visions. Landscape and Culture in the Twentieth Century*. The Museum of Modern Art, New York, USA, p 143.

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#### NEWSLETTER DEADLINES

June 7  
September 7  
November 26



## From the Executive Officer



A recent National Executive meeting was held in Christchurch to coincide with the Floraganza exhibition, organised principally by the Canterbury Horticulture Society and N.Z. Floriculture Federation. Members of National Executive discussed a number of issues including details of the year's A.G.M. and Conference and took time out to view the R.N.Z.I.H. display and other stands at the adjacent exhibition. The feedback on our display from public and members alike was positive and a considerable amount of interest in the Institute and its activities was raised. An R.N.Z.I.H. presence at the National Field Days, Mystery Creek is being considered at present.

Portfolios have now been updated and are as follows :

Publications:	Ross Ferguson
Awards/Honours:	Mike Oates
Finance/Administration:	John Taylor
Notable Trees:	Ron Flook
Education & Commerce:	John Williams/Ron Close
Nomenclature:	David Shillito
Examining Board:	Ron Close
Branches:	Unallocated at present
Garden History:	John Adam
Public Relations/Promotion:	Rodger McCarthy
Membership:	Rodger McCarthy
Science & Research:	Ross Ferguson
Plant Collections:	Marion Mackay
Home Garden/Show Judging:	Graham Mander

I am pleased to advise that the N.Z. Horticulture Industry Training Organisation has been officially recognised by the Government body charged with the operation of the Industry Training Act, the Education & Training Support Agency. This means that the N.Z.H.I.T.O. which is administratively linked to R.N.Z.I.H. may now commence operations including involvement with horticulture apprentice and cadet programmes.

Another successful outcome has been the allocation of funding through the Lotteries Board General Heritage Fund to assist with the identification of plant collections in N.Z. and the publication of a comprehensive plant collections booklet.

Concerning examinations, as planned the release of 1992 examination results before the Christmas break was well received by students and providers alike and it is intended that this will become our regular pattern. A report/review on the inaugural 1992 internal assessment exercise has been prepared and will be distributed to all existing and intending providers.

A reminder about subs - the 1993 subscriptions were due on 31 December 1992. If you have not yet paid, please do so as we rely on your subscriptions for a portion of our operating costs. Alternatively if you are reading this and wish to join as a member please contact the R.N.Z.I.H. office for a membership form.

Finally a special general meeting was held in conjunction with the National Executive meeting on 25 February to alter the timing of the A.G.M. and this motion was agreed. The 1993 A.G.M. and National Conference can now be held in October in Dunedin (14-17 October) and I look forward to seeing many of you there.

Regards for now.

Rodger McCarthy

## Loder Cup Award 1993



### Nominations are again being sought for the Loder Cup Award 1993.

The Award is open to any person, Association, Society, Firm, Company, Local Body, or body of persons (whether corporate or incorporate) nominated by persons and bodies, including the RNZIH.

The Cup is awarded to any properly nominated person or organisation who, or which, is considered by the Committee to have excelled all other nominees in furthering the aims and objects of the donor of the Cup. The object is: "...for lovers of nature in New Zealand to encourage the protection and cultivation of the Incomparable flora of the Dominion".

Nominations close on 30 June 1993

For further information please contact Rodger McCarthy, Executive Officer of the R.N.Z.I.H. P.O. Box 12, Lincoln University, Canterbury.



Karaka *Corynocarpus laevigatus*



## Wellington Botanical Society Jubilee Award

Wellington Botanical Society now invites applications for an award of up to \$1000 to encourage and assist appropriate people to further knowledge of the New Zealand indigenous flora, and to commemorate the Jubilee of the Society.

### Purpose of the Award

The Award is open to anyone working in New Zealand and will be granted for :

field work; artistic endeavour; publication; research; the propagation or cultivation of New Zealand native plants for educational purposes; or other studies which promote the better understanding of the New Zealand indigenous flora and vegetation.

The interpretation of these conditions will be flexible except that the main criterion shall be the furtherance of knowledge or promotion of the intrinsic value of the New Zealand indigenous flora and vegetation.

The award may be used to defray costs such as travel, accommodation, materials or publication.

### Applications for the Award

Applications should be made in typescript to the Secretary of the Wellington Botanical Society, 9 Mamari Street, Rongotai, Wellington 3.

There is no prescribed application form but the following information should be provided:

The applicant's name, mailing address, telephone number, and any relevant position held; a summary statement of the applicant's accomplishments in the field of botany (no more than one page); the name, address, telephone number, and designation of a referee who is familiar with these accomplishments; an outline and timetable of the proposed project for which the award is sought; and a proposed budget for the project.

### Selection

The Award will be made to one or more applicants selected by a subcommittee nominated by the

general committee of the Wellington Botanical Society. An Award will be made, and applicants informed of the results in writing, by 10 April 1993.

Successful applicants will be required to provide, at an agreed time, a short report on what they have achieved and an account of their expenditure of Award funds.

The names of Award recipients, the value of the Award, and synopsis of the project provided by the recipients will be published in the Annual Report of the Wellington Botanical Society.



## The Partnership between Industry and Research

In 1992/93 HortResearch commercial revenue is anticipated to be around 20% of total income. Much of this comes from research undertaken for grower/industry groups including the NZ Kiwifruit Marketing Board, NZ Apple and Pear Marketing Board, NZ Fruit Growers' Federation, NZ Horticulture Export Authority, and the Fruit Industry Plant Improvement Agency. We are also working with sectors concerned with citrus crops, honey production, berryfruit, asparagus, chestnuts, hops, squash, tobacco, tamarillos, wine and grapes, persimmons, nashi and feijoas to name a few.

HortResearch carries out a great deal of research on grower properties. Growers are involved in research planning, trialing new varieties, testing new management techniques and technology, and assisting with postharvest research. Many packhouse operators, nurserymen, processors, exporters and marketers are also working with us.

HortResearch works to benefit the New Zealand horticulture industry not horticulturalists overseas. We maintain a strong international focus so that staff can keep in touch with worldwide developments that may be of benefit to the New Zealand industry.

From HortResearch Seasons,  
Summer 1992

### The Royal Horticultural Society

## CHELSEA

### Flower Show 1993

Chelsea in 1993 promises all the traditions - and the surprises - that have delighted visitors since the early years. This year you can enjoy 25 full-sized show gardens, elaborately assembled and planted especially for the show, including everything from a paradise for butterflies to a baroque extravaganza. Inside the famous Great Marquee, you will find literally millions of blooms, many of them never seen before. There are scientific displays on the latest advances in gardening, marquees for flower arranging, floristry and garden design, and a special feature with ideas for courtyard gardens, window boxes and hanging baskets. All this plus trade stands showing everything from antique statuary to the very latest in gardening machinery.

If you are planning a visit to the Chelsea Flower Show in 1993, you are strongly advised to book as soon as you can. To ensure that the event is comfortable, the number of tickets is strictly limited. All tickets will be sold in advance. You can book by telephone or post.

Tuesday 25, R.H.S.  
Wednesday 26, Members  
Thursday 27 May Only (Up to 3.30 pm)

### Public Admission

Thursday 27 May  
3.30pm - 8pm Tickets £10 each  
5.30pm - 8pm Tickets £6 each  
Friday 28 May  
8am - 5pm Tickets £16 each

### The Royal Horticultural Society's Hampton Court Palace Flower Show 7-11 July 1993

After your visit to 'Chelsea', there's another important date for your gardening diary. In its magnificent riverside setting, the Hampton Court Show has taken just three years to become one of the most exciting and important gardening events in the U.K.

Applications to :  
Chelsea Flower Show Ticket Office,  
P.O. Box 92,  
Londan WC2H 9SU

Applications to arrive before 30  
April 1993





# NZAA Ploughing Further into the Nineties...

## A message from your president

Your association has been guided into its existence under the leadership of Martin Herbert. Much has been achieved: the birth of the association through the joint venture with RNZIH the establishment of an approved contractor system and safety code which will soon be coming into law. Some unavoidable teething problems emerged, but this gives an opportunity for learning and improving things in the future.

Thanks Martin and the two past executives for all your efforts!

Now we have to move on and many aspects of the association will need further attention. NZ Tree Maintenance Standards and NZ Tree Valuation Standards, our input in the arboricultural training in this country, and also our internal organisation, i.e. internal and external communications.

I believe that the central goal of my actions for the coming two years will be communication and unison. We are in a unique position with our liaison with the RNZIH and the mutual benefits for both organisations are becoming more and more viable. Communication is at present a weak link in the NZAA and a lot of thought will have to be given to this aspect. Without

excellent communication lines between executive and membership we lose unison.

NZAA is here to stay. We are part of a process which is leading to recognition of the tree and our profession at a rate I hardly could have dreamed of five to ten years ago. To achieve our goals we need not only your active participation, but we also need to find new allies who want to join us. Make it a goal for yourself to find two new members which will give us a membership base of 300 by this time next year.

The newsletter needs vast improvement. We are working on it.

Shigo workshop proceedings in Auckland have been stenographed

and will be published later.

### Conference 1993

This year's conference will be held from 14-17 October 1993 at Larnach Castle in Dunedin. The RNZIH and NZAA conference is titled 'Plants from Here and There' and gives a balanced and promising programme incorporating trees and other horticultural subjects including NZ Tree Climbing Championships. The conference is in conjunction with Dunedin Rhododendron Week. Further details to be released - an exciting event well worth attending.

Our executive team are introduced to you below, make use of us. We are elected by you for you.

Frank Buddingh'  
President

### Executive Members N.Z.A.A.

#### Executive Members

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Dunedin  
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David Glen  
Dunedin  
Hm 03 473 9119 Fax 03 455 2897

John Wakeling  
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Member

Co-opt Member

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Notable Trees  
Tree Standards

Climbing Jamboree  
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Newsletter

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Education  
Code of Practice

Auckland Region  
Liaison

### Liaison Members on Behalf of Executive

Mark Bowater  
Bob Cowan  
Frank Buddingh'

Auckland Tree Council  
Safety Standards  
R.N.Z.I.H. Executive



# Natural Pest Controls

**F**or the past 50 years most of us have believed the adage that: 'Sprays are the answer to all our unexpected garden pest problems.'

But, attitudes are changing as an increasing number of New Zealand growers are getting out of the habit of picking up a spray to fight pests on their plants.

They are adopting Crop & Food Research's integrated pest and disease management (IPM) programmes to reduce the chances of crops being affected by disease or pests and encouraged the use of biological control for pests.

This is good news for the consumer, who gets to eat a natural product, and for New Zealand's economy. Enhancing the nation's clean, green environmentally-friendly image is generally accepted as the key to a brighter economic future.

Vegetable diseases and pest scientist Dr. Nicholas Martin is pleased with the response from the nation's glasshouse users to his pest management programme.

"Our advisor, Dr. Nancy Beck, has been explaining the programmes to growers over the past year. She has found that many of them are making moves to adopt the programmes," he said.

Integrated pest management programmes are more complex than existing pest and disease control practices. They require growers to plan ahead more carefully so that when predators are used to control some pests,

control of other pests and diseases can be achieved without harming the beneficial organisms.

The programme for greenhouse crops uses natural enemies to control the key pests - whitefly and two-spotted mite. It also encourages the use of bumble bees to pollinate plants.

A small wasp parasite known as 'En-force' is used to control whitefly. High numbers of whitefly can debilitate tomato, cucumber and other vegetable plants but the main problem is the covering of fruit by sticky honey dew secreted by the whitefly. *En-force* parasites lay eggs in immature whitefly and kill them when they reach full size. The parasite is put into the crop weekly for a number of weeks.

*Mite-E* is the predator used to control two-spotted mite. Two-spotted mite can reduce plant yields and kill plants. Hosts include cucumbers, cymbidium orchids and roses. Usually a single introduction of *Mite-E* will protect a crop.

Crop & Food Research produces the natural enemies that growers buy to introduce to their glasshouses or outdoor crops.

The strategy for outdoor vegetables includes the establishment of new natural enemies which persists and spread naturally in the environment.

Tomato fruitworm, a key pest of several important vegetable crops, is now controlled for the larger part

of the season by two such newly-established parasites that kill the caterpillars before they cause damage.

Pheromone traps, which are set in crops to monitor population increases of the tomato fruitworm moth, indicate when damage by those caterpillars escaping parasitism may occur.

Outdoor vegetable crops advisor Tim Herman has helped develop the pest management systems and is now demonstrating them to growers and training "scouts" to monitor tomato, sweet corn and brassica crops.

He has shown that savings of 50 percent in insecticide use are common using the integrated pest management techniques.

*From Crop & Food Research Digest, Issue Three: Summer 1993*



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