

Newsletter



1992
No. 1/2
April

Royal New Zealand Institute of Horticulture (Inc.)

People, Plants & Conservation Botanic Gardens into the 21st Century

Mike Oates - Chairman, National Executive

After two years of planning, the 1992 RNZIH Conference finally got underway on an untypically wet and windy Wellington day. The Conference was opened by Christine Fletcher, MP for Eden, speaking on behalf of the Minister of Conservation, Denis Marshall, who was unable to attend. She issued a challenge to Botanic Garden's, later expanded on by Alison Davis from the Department of Conservation, to work with DoC on plant conservation issues, including species recovery plans.

A feature of the Conference was the high quality of the speakers and the themes they kept touching on over the four days: Botanic Gardens have a major role to play in educating the public in the natural environment and the importance of conservation in the years to come.

One highlight of the Conference was the 1992 Banks Lecture delivered to 150 people by Dr. Roy Taylor, Director of the Chicago Botanic Garden. His address, Botanic Gardens: A Community Resource, explored the important community roles of gardens, and how they can work in the communities that fund them. He showed examples from the Chicago Botanic Garden to illustrate his points.

The aim of the Conference was to set new directions for the future and the 100 delegates were unanimous in the resolutions that came out of the final session:

1. That conservation be accepted as a role for gardens in New Zealand.
2. That national coordination be provided for this conservation work.
3. That the RNZIH offer to facilitate the coordination of conservation work in New Zealand be accepted
4. That a network to coordinate plant collections be established.
5. That the delegates present and their organisations be invited to give a commitment to support this network.
6. That RNZIH initiative to assist is accepted.
7. That individuals and groups represented here, accept a willingness to contribute funds to enable basic coordination to be put in place.
8. That a core group be selected to establish the operation of networks at national and regional level.

Core group to consist of the major plant collections and botanic gardens.

This commitment from all the major plant collections will ensure that a network gets off the ground and will continue the work begun by the RNZIH and the Plant Collections Steering Committee of Mike Oates, Marion Mackay, and Keith Hammett. Both groups will now work towards a common goal. The Conference not only gave the plant collections system direction but showed the crucial role the Institute can play in coordinating horticultural issues at a national level.

RNZIH 2000 Launched

The discussion paper, RNZIH 2000 was launched at the 1992 AGM in Wellington. This far reaching document proposes a future strategy for the RNZIH, once its examining role disappears. The document, prepared by National Executive, was primarily put together by Ron Flook and John Williams. It starts off by looking at the RNZIH and its position relative to other horticultural organisations and its major roles in New Zealand horticulture (See page 7 for summary).

Copies of the report have been sent to all Branches and are available on request from Head Office. Submissions are requested by the end of June and the final report will be finished by mid year.

Snippets from the A.G.M.

A Special General Meeting will be held in September. See page 8 for details.

Subs are to stay the same in 1993.

Notable Trees are planning to produce a booklet on notable trees in the next twelve months. (See p. 10)

Frank Buddingh', Graham Mander, and Ross Ferguson were nominated for National Executive and with three vacancies, were all elected onto the Executive for three year terms.

The RNZIH is continuing to work towards the restructuring of horticultural qualifications and is coordinating a working party containing members of all sectors of the industry. The Institute has received two grants from local and central government to help with this work.



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

North Taranaki Branch From the Minutes of the AGM 26.2.92

Election of Officers

Ms. J.A. Gleeson Secretary
Mr. C.I. McDowell Newsletter

Mr. G.H. Church Notable trees

Mr. G. Fuller " "
Mr. & Mrs. West Committee
Dr. G. Mason " "
Mr. K.L. Davey " "
Mrs. A.V. Rydon " "
Mrs. R.H. Huthnance " "

General Business

Mr. West tabled a letter he has written concerning the lack of up-to-date guidelines for judges judging horticultural entries in shows at a regional level. He wondered at what stage the Institute was at in up-dating the handbook "Flowers for Shows" and whether some guidelines for vegetable growing was to be part of the publication. Copies of the letter will be kept for our records and the original will be forwarded with a covering note.

We would like this subject discussed at the AGM in Wellington.

From February Newsletter

The Department of Conservation and Institute of Horticulture

In June of last year the DOC asked us to assist them with a tree planting programme that was sponsored by the McDonalds Restaurant Fast Food chain of stores. McDonalds had donated some \$50,000 in money to be spent nationally on trees to be planted in public reserves around the country. Some conditions were placed on this money and these included :

- 1) The money was to be spent planting trees in an area where there was a McDonalds restaurant.
- 2) The trees had to be planted on public land and children from the local intermediate school had to be involved in the planting.

The local DOC felt it was an opportunity for this age group of children to increase their awareness of trees and the growing of trees. Mr. H. Spanagel DOC and Jennifer Gleeson (secretary North Taranaki RNZIH) spent a week at the school giving talks and demonstrations to

the children about trees and raising trees for planting out. We were then asked to help with the planting out of some two to three hundred native trees in an area of Crown Land at the back of the Polytechnic. The DOC staff, some members of the Hort. Society, a few teachers, local residents, George Fuller and Jennifer Gleeson, with the help of 100 children from the Highlands Intermediate School planted some 200 trees on an overcast mid-winter's morning in very wet underfoot conditions. The kids had a ball, and learnt about planting. We felt we had done something positive about improving what was a waste area of land within the city. McDonalds got their publicity about being environmentally friendly but most importantly, the trees got planted.



Waikato Branch

From Minutes of Waikato Branch AGM 28.11.91

Election Of Officers

President to be ascertained at first committee meeting
Treasurer Mr. F. Dorofaeff
Secretary Mrs. N. Allen
Committee Mrs. A. Fullerton, Dr. W. Frazer, Mrs. E. Hunt, Mrs. Peta Papperall, Miss Agnes Petschart
Mr. E. Walton, Miss Maureen George, Mrs. Sue Robinson

President's Report

In the absence of our president Dr. Parle and Vice President Eric Walton who both unexpectedly left the district for a few months, I will briefly outline this year's activities. We have had a busy year with very interesting speakers - we would like to thank the people who came out on those cold, wet, winter nights. The climax of the year was our Gardenworld display for which we received a Silver Certificate. We would like to thank all the people who helped.

30 members and their friends attended a luncheon at Crosshills last Saturday. We enjoyed seeing some new and unusual plants.

The outgoing committee suggests that garden visits are to be advertised in the 1992 programme. Also

it was put forward that we have a specific 'plant of the month' with someone with practical experience speaking about it for a few minutes. We would like to hear from members of any topics or speakers you would like for next year. We would like to thank members who have supported us by bringing interesting material for our display table.

Programme 1992

(From April)

- | | |
|--------------|---|
| April 23 | "Heritage Roses" Helen Gear, Heritage Nurseries |
| May 28 | "Trees and Winter Glory" Martin Herbert, Waikato Polytechnic |
| June 25 | "Chrysanthemums" Mr. J. Thorn |
| July 23 | "Camellias" Mr. Colin McIntosh |
| August 27 | "Creating the Romantic Style Feeling in the Garden" Mrs. S. Foster / Mrs. D Lethbridge |
| September 24 | "Medicinal Use of Plants and Herbs" Jim Douglas, M.A.F. |
| October 23 | "Water in Gardens, Homes and Buildings" Bill McLeary, Waikato Polytechnic |
| November 26 | "Hamilton City Parks" Peter Sergel, Hamilton City Council. A.G.M. 6 p.m. President's Barbecue |

Garden visits are planned for March 29, April 8, May 10, September 6. (Details at monthly meetings).

Rhododendron Display to coincide with Rhododendron Conference, Oct. 28 - 29, 9-5pm Exhibition Hall, Hamilton Gardens.



Branch News continued

Otago Branch

From Chairman's Report 1991

Since our AGM on 15 April 1991, the Committee has sought to channel its energies into the three main interest categories :

Garden History, Notable Trees and Plant Collections

These were identified and targeted by the Branch Committee as the focus for the year. Garden History has been an impressive success in both word and deed. The group has now been formally constituted by Alice Lloyd-Fitt and Robyn Bagley with an energetic programme of events and functions. Newsletter production by Cliff Donaldson has kept us informed and amused with articles and information from his personal archives.

The Committee has supported the Otago Branch initiative to host the 1993 Conference in Dunedin and individuals have pledged their ongoing commitment to the project. This will be a considerable but exciting endeavour for the next two years. It would be wrong to single out Committee members for particular mention and risk offending by omission so I will confine myself to saying thank you to them all. It has been very much a team effort this year, which has relied heavily on their experience and knowledge to remain positive and constructive.

Before our Branch AGM we will have the opportunity to reflect upon the Wellington Conference and the RNZIH AGM. We will have a good representation from the Branch at this Conference and the "post mortem" will provide some valuable talking points for us to digest in April.

1992/93 promises to be an active year for our Branch. A year in which the Garden History Groups will grow in strength and purpose as the Committee focuses upon the 1993 Conference.

Particular thanks to Robert Scott for his continuing assistance with the organisation of examinations, our voluntary supervisors and the many members who have supported activities and meetings throughout the year.

Mick Reece - Chairperson

Wellington Branch

From Wellington Branch Newsletter, March 1992

Rhododendron Seminar

Later this year the N.Z. Rhododendron Association is running a seminar that will cover topics such as rhododendron culture, which species or hybrids to plant where, suggested companion plants, pests and diseases and so on. The seminar will be held at the Chalet, N.Z. Rhododendron Association Gardens, Haggerty Street, Kimbolton on 12 September 1992.

Some New Products

There are some interesting new products on the market for pest, disease and weed control, and growth regulators. Some of these will, no doubt, find their way on to the home garden market. Generally though, economics dictate they are available only to commercial growers. Some may be too toxic for home use.

Clonex is to promote root formation on cuttings. It contains a rooting hormone and minerals in a gel to hold the hormone on the cuttings, seal cut tissue and to give a protected zone on the base of the cuttings to encourage root formation. There are two strengths - one for softwood and semi-hardwood cuttings, the other for hardwood cuttings.

Greenscape is a non-selective herbicide to control a wide range of annual weeds, and some perennial ones as well. It is an organic product made from coconut oil extracts, has a low toxicity, and leaves no soil residues. It acts only on the foliage it contacts and is best used when weeds are young and growing fast. Repeat applications help control harder to kill weeds.

Regulex is a natural growth regulator to reduce fruit russet on apples. It makes the fruit skin more elastic, and therefore more able to respond to the effects of low temperature and moisture levels that would usually cause russet. (Russetting is the growth of cork cells that occurs after skin damage). Apart from use on apples, this material is also useful for breaking seed dormancy, elongating stem growth, setting fruit and causing earlier flowering.

Sevana is a bird repellent, with ground red pepper and ground red garlic as the ingredients. Apart

from irritating the birds' feet, it repels by taste and smell.

Solicit contains citric acid and a wetting agent. It is to clean kiwifruit on the vine that have become waterstained over the growing season and so improve their appearance and value.

Trichoject and Trichoseal You will all know the silver leaf treatment called Trichodowels where a fungus that attacks the silver leaf fungus is put into the infected tree on small dowels. Now there's a form (Trichoject) that can be injected into the tree stem. Trichoseal, a paint, is for pruning cuts and damage on plants susceptible to silver leaf.

Vaporgard is used to reduce moisture loss from plants. It stops wilting of leaves, fruit cracking, sunburn, and improves sweetness, and, on some fruit, gives better colour.



Bay of Plenty Branch

Extracts from Annual Report

The programme this past year has been interestingly varied. Outdoor meetings included a tour of the organic horticulture section of the Polytechnic, a day of visits to three Te Puke gardens, the Floral Festival at Matamata, a trip to Whakatane, another to Rotorua, Brenda Kitchingham's garden of Heritage roses, and the Christmas barbecue in Hec Collins' garden. At the evening meetings there were speakers on Plant Photography, Native Medicinal Plants, reports of the Annual Conference, New South Wales Garden Tour, Tree Crops and Oddities, Cacti and Succulents, and Flowers and Gardens Around the World. Thanks are due to our hosts and speakers for all these events. Displays were mounted at "Have a Go" in October and the Rose Show in November.

It was decided to abandon planting days, and instead trees were presented to the B.O.P. Tree Society for planting at McLaren Falls Park. A donation was made to the Whakatane District Council for trees for Lagoon Reserve.

Thank you to all who work at the evening meetings and those who bring material for the sales table, and especially for the Interest Table, which is a valuable part of our programme.

Joan A. Swinbourn - Chairperson

Books

Alpines: Will Ingwersen. Published 1991. Price \$230.00

This is Will Ingwersen's last and most gorgeous-looking book with nearly 300 pages and at least one, sometimes three, coloured photos on each page.

Ingwersen wrote this in the last year of his life while very ill and Richard Bird, former editor of the Quarterly Bulletin of the Alpine Society, attended to the final details for publication. It is a magnificent book for Will Ingwersen readers, divided into twenty-seven chapters, covering a wide range of alpine plants.

The Tropical Garden: William Warren. Photographs by Luca Tettoni. Published 1991. Price \$130.00

This is a wonderful book for the gardener (armchair or otherwise) who loves the lushness and variety of tropical gardens. There are chapters on existing tropical gardens in Thailand, Malaysia, Singapore, and Hawaii, both public and private, ancient and modern.

There is a section displaying the use of tropical plants around ponds and swimming pools, the use of appropriate garden ornaments, paving, walls and summerhouses. This is an exciting book with 324 pages and 365 colour illustrations.

The History of Garden Design: The Western Tradition from the Renaissance to the Present Day. Edited by Monique Mosser and Georges Teyssot. 652 illustrations, 129 colour plates and 51 prints. Published 1990. Price \$230.00

This is a weighty book in size and subject. It is divided into five parts :

1. The Humanist Garden
2. From the Baroque Garden to the Classical Park
3. Picturesque Arcadian and Sublime
4. The Eclectic Garden and the Town and City Park
5. Aspects of the Temporary Garden

Each of these parts is divided into many small subsections each written by a different person..e.g. in Part Four there is a section on Art Deco Gardens in France by Catherine Royer. Another section is on The Park Guell, Barcelona (1900-1914) Ignasi de Sola Morales. This is for the landscape architect or serious student of garden style.

The Gardens of Russell Page : Gabrielle Van Zuylen. Photographs by Marina Schinz. Price \$130.00 posted.

In one stunning volume, the extraordinary work of the great English landscape architect, Russell Page is documented by renowned photographer Marina Schinz. Included are examples of Page's best work, both early and late, some never published before. The search for Russell Page's gardens involved deciphering discrete references to clients in his notes and identifying unmarked photographs from his private files and unpublished writings. Here is a book that will become a treasured reference book for gardeners and garden lovers alike.

The above books can be ordered from :

**Touchwood Books,
P.O. Box 610,
Hastings,**

or phone Diane & Peter Arthur (06)874-2872.

Letter to the Editor



Dear Sir,

We write about the tree *Chiranthodendron pentadactylon* described in the last newsletter. At Nuhaka there are two trees. Ours, the younger of the two, is over 17 metres tall and 1.6 metres in girth with a 10 metre spread and was planted in 1974 as a plant from Mr. John Martin, a Gisborne nurseryman.

The second tree is owned by Mr. & Mrs. Andrew Clark. It is bigger and older than ours and was grown by Mrs. Taylor, the former owner's mother. It is an excellent tree 1.75 metres in girth.

We regard these trees as being excellent for late winter to summer food for tuis and bell birds. The nectar, which collects at the base of the flowers, means that some springs you can hardly hear yourself talk beneath these trees. Also the timber is very good for turning.

We would welcome interest from anyone who wishes to gather seed or grow cuttings.

As these trees are less than 25 years old - do they qualify as notable trees?

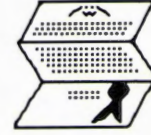
We also have a *Cinnamom zelanicum* growing beside our Hand Flower of similar age - would that qualify too?

John and Heather Dean,
Mangarara Coastal Home Garden





Congratulations



To the following students who completed
 qualifications in the 1991 R.N.Z.I.H.
 examinations

National Certificate in Horticulture - Amenity Hort.

Ms. Philippa ARGUE	LOWER HUTT
Ms. Melissa Jane BIRD	CARTERTON
Ms. Gaylene BRENSSELL	OTAGO
Ms. Alexandra CARSON	NELSON
Mrs. Jacqueline CLEARWATER	LEESTON
Mrs Sharon CUSACK	AUCKLAND
Miss Tracy EDWARDS	OAMARU
Ms. Judith HARRE	STRATFORD
Ms. Elizabeth HOBBS	WELLINGTON
Ms. Alison JENKS	DUNEDIN
Miss Robyn JOHNSON	WHANGAREI
Mr. Brian KEOWN	CHRISTCHURCH
Ms Karen McCANN	NORTHLAND
Mr Peter McNAUGHTON	HAMILTON
Mr Brian McWILLIAMS	MASTERTON
Ms Elaine MILES	HAMILTON
Ms. Louise MORGAN	CHRISTCHURCH
Mr. Rafal MROWINSKI	NEW PLYMOUTH
Mr. Malcolm MUIR	ROTORUA
Mr. Richard POOLE	CHRISTCHURCH
Mr. Brent SMITH	CHRISTCHURCH
Mr David SNOWDON	HAWERA

National Diploma in Horticulture - Amenity Hort.

Ms Maria ADAMSKI	CHRISTCHURCH
Mr. Tony BEHRENT	UPPER HUTT
Ms. Philippa BOLLOND	AUCKLAND
Mrs Tina DYER	AUCKLAND
Mr John EDGAR	S. AUSTRALIA
Mr Chris EVANS	HAWKES BAY
Mr. Earl FERGUS	AUCKLAND
Mrs. Robyn FREETH	AUCKLAND
Mr Kevin LUFF	WANGANUI
Ms. Alison McLEAN	AUCKLAND
Mr Michael PALMERS	HAVELOCK NORTH
Ms Karen PASSEY	ASHHURST
Ms. Lynette RICH	CHRISTCHURCH
Ms Lauren RILEY	AUCKLAND
Mr William STEANS	TIMARU
Mrs Joanne THOMSON	WANGANUI
Mr. Daniel TOHILL	AUCKLAND
Mr Steven WILLIAMS	AUCKLAND

National Certificate in Horticulture - Fruit Production

Mr Rex DONALDSON	AUCKLAND
Mr Alistair SMITH	TE KAUWHATA
Mr. Gregory TAYLOR	GISBORNE

National Diploma in Horticulture - Fruit Production

Mr Rex DONALDSON	AUCKLAND
Mr. Trausti OLAFSSON	GISBORNE
Mrs Sheila STAPLETON	GREYTOWN
Mr David WRIGHT	HASTINGS

National Certificate in Horticulture - Vegetable Production

Ms. Cornelia VAN RYEN	OHAUPO
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National Diploma in Horticulture - Vegetable Prod.

Ms Isla HAYES	AUCKLAND
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National Certificate in Horticulture - Nursery Prod

Mr. Trevor DAVIES	AUCKLAND
Mr Jeffrey FELL	AUCKLAND
Ms. Christine FRANKS	CHRISTCHURCH
Mr Stuart HOLDER	HAWERA
Mrs Wendy McGHIE	WANGANUI
Mrs Julie RYAN	MARTON
Ms. Barbara WARD	AUCKLAND

National Diploma in Horticulture - Nursery Production

Mr. Trevor DAVIES	AUCKLAND
Ms Maureen MORRIS	TAURANGA

National Certificate in Horticulture - Floriculture

Mr. Michael SEAWARD	CHRISTCHURCH
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Certificate in Horticultural Theory

Mr. James ATKINSON	NAPIER
Mr. Martin ATKINSON	NELSON
Ms. Shelley BLACK	NELSON
Ms. Heather BICKNELL	WELLINGTON
Mr. Geoffrey BREWER	CARTERTON
Ms. Susan BOLAM	NEW PLYMOUTH
Mr. Joseph DAISH	PALMERSTON NTH
Ms. Susan EDWARDS	REEFTON
Ms. Karen EICHLER	HAMILTON
Mr. Graham ELLERY	NELSON
Ms. Fiona HENDERSON	AUCKLAND
Mrs Carolyn EDWARDS	HAMILTON
Mr. Quentin KNUDSEN	BLENHEIM
Ms. Mary KORVER	NELSON
Ms. Carol LOCKETT	AUCKLAND
Mr. John MACGREGOR	WELLINGTON
Ms. Josie MANNINGTON	KUMEU
Ms Jean MARKHAM	MOSGIEL
Mr. Shane McCULLOCH	WANGANUI
Ms. Vicki McLEAN	CENTRAL OTAGO
Ms Devon MIDGLEY	GISBORNE
Mr William MIRAMS	KING COUNTRY
Ms. Jo-Anne MOWAT	NEW PLYMOUTH
Ms Marianne NEW	BLENHEIM
Mr. Peter PHILLIPS	WANGANUI
Ms. Pamela ROBINSON	AUCKLAND
Ms. Nardine ROSS	AUCKLAND
Mr. Richard SCOTT	BLENHEIM
Mr. Warren SEFTON	CHRISTCHURCH
Mr. Kelvin James SYME	AUCKLAND
Mr. Brian James SULLIVAN	OHAUPO
Ms. Iris WAGHORN	HAMILTON
Ms. Belinda WESTENRA	BLENHEIM

Horticultural Sales Certificate

Ms. Mary Catherine BECKETT	UPPER HUTT
Mrs. Julie Kay DICKESON	HAMILTON
Ms. Christine Tracy FRANKS	CHRISTCHURCH
Mr. Andrew GRILLI	HAMILTON
Ms. Elisabeth Higson MEEK	AUCKLAND
Ms. Helen Ruth WILLIAMS	CHRISTCHURCH

Certificate in Horticultural Management

Mr. John FOLLETT	HAMILTON
Mr. Andrew STEELE	HAMILTON

R.N.Z.I.H. Prize Winners 1991

The Examining Board of the R.N.Z.I.H. has announced the following recipients of Prizes for the 1991 examinations :

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 :

Ms. Judith Lesley HARRE - Stratford

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

Mr. Michael Henry PALMERS - Havelock North

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

Ms. Nicola Jane BURTON - 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. Cornelia Helena Maria VAN RYEN - Ohaupo

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

Ms Alexandra Prentice CARSON - 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. Alan David BURRELL - Wanganui

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

Mr. Rex Fraser DONALDSON - Auckland

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 :

Ms. Barbara Lucy BARAGWANATH - Cromwell

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 :

Mr. Gary John BARHAM - Tauranga

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

Mr. Jonathan WOOD - Mosgiel

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

Ms. Mary Catherine BECKETT - Upper Hutt

Ms. Elisabeth Higson MEEK - Auckland

Watkins Prize for the best overall record for a student completing C.H.T.

Ms. Josie Ann MANNINGTON - Auckland

Awards and Honours

Congratulations to the following recipients of awards and honours presented at the 1992 A.G.M.

Associate of Honour of the R.N.Z.I.H.

William SYKES
Christchurch

Ronald PROCTOR
Christchurch

Robert James BERRY
Gisborne

Roland Woodroffe EARP
Te Puna

Kathleen Jean VEAL
Auckland

Fellow of the R.N.Z.I.H.

Peter Brian HEENAN
Christchurch

Alexander TAGG
Auckland

John Gordon HOBBS
Auckland

Rob SMITH
Wellington

Mick REECE
Dunedin

Robin LUCAS
Lower Hutt

Plant Raisers' Award

Terence Charles HATCH
Auckland

Sir Victor Davies Award

Beverley JOE
Pukekohe

D.D. Baker Memorial Award

Marion MACKAY
Palmerston North
and
David SHILLITO
Christchurch



R.N.Z.I.H. 2000



The National Executive of the R.N.Z.I.H. has prepared a discussion paper on an alternative strategy for the Institute through to the year 2000, the following is a summary of this paper. Detailed copies are available upon application to the Executive Officer :

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Philosophical Background on the Need for a New Strategy

Recent changes in Government policy with respect to education mean that the RNZIH is facing significant changes in its role. This will be a significant shift in the circumstances of the Institute and makes necessary a review of the activities of the Institute and the development of a strategy for the future.

First and foremost, the RNZIH must decide where it is going and what its role is in New Zealand horticulture. This requires a statement of 'Mission', an overall guiding notion on what the Institute is about and where it is headed.

One must remember that there are many other horticultural organisations in the market-place. What incentive is there for a potential member to join the RNZIH over any of the others? Clearly the RNZIH must attract members to be a successful organisation; therefore when developing a Mission the Institute must consider its qualities in light of the other organisations already operating. For example, there seems to be little point in trying to cater for specialist interests which are already covered by strong existing societies.

Similarly, can (or should) the Institute attract those members who join local groups for social reasons and who are perhaps not interested in national goals? Should the Institute develop stronger ties with other professional organisations such as the Landscape Guild, the Dendrology Society or the New Zealand

Society for Horticultural Science? The Society for Horticultural Science in particular has similar aims to the RNZIH and many people are members of both organisations. In essence it is essential that the Institute position itself to take advantage of unfilled opportunities, rather than occupy a niche that is already catered for.

The RNZIH must consider who the customer is. Is the target customer the professional or the enthusiast member, the younger or the older member, etc. What are the advantages of targeting any one of those customer segments. Recent figures show that gardening as a pastime is most prevalent in the 40 to 60 year age group. By nature this group will be the enthusiast rather than the professional; should they be targeted? If so, what of the younger members? Clearly, for the Institute to be successful it must target a group that can be attracted to what the Institute has to offer. This member group must be identified. Information and service attracts members.

At the same time we must determine what the 'products' of the RNZIH are. Until now the chief product has been education, with the conference, journal and national association playing secondary roles. With the change in the education role, which of the other products should be developed? As suggested previously the development of a 'product' relies wholly on the willingness of a member to contribute their skills and knowledge. The voluntary factor means that in most cases the product will be contributed expertise which becomes information which is channelled to other members or organisations by way of publications, conference and so on.

In this paper we ask you to consider these broad philosophical questions as well as the more specific policies proposed later in the paper. For the RNZIH to survive it must not only service its members, but the horticultural industry (home gardeners as well as the commercial sector).

Strategies for the Future

On-Going

1. Maintain involvement and vigilance in the area of horticultural education, training and examination.

lance in the area of horticultural education, training and examination.

2. Continue with the registration and protection of notable trees, the promotion of arboriculture and Arbor Day.
3. Be involved in and actively support plant conservation in New Zealand and abroad.
4. Take an increasing and authoritative role in the protection of rare and endangered plant species.
5. Promote the importance of registering and preserving plant collections within a National Plant Collections Scheme.
6. Maintain and continually upgrade the standard of our publications, particularly the Journal and newsletters.

New Initiatives

1. Arrange for AGM and conferences to be held in more interesting seasonal periods - focus on horticultural features of district where Conference is to be held - Does there need to be an annual conference?
2. Revise and extend the RNZIH handbook "Flowers for Shows" and promote it as the NZ standard. (Note: the RNZIH 'Floral Art Handbook' has been superseded by other publications).
3. Investigate the publication of a hand book of standards for plant material and horticultural items.
4. Investigate and report on the feasibility of producing a series of handbooks (manuals), based on computerised data in the areas of:
 - (a) Horticultural Societies, clubs, specialist organisations, their functions, scale of activities.
 - (b) Commercial horticultural organisations.
 - (c) Guide for tourists in all aspects of horticulture in New Zealand (Home gardens to National Parks).
5. Establish an authoritative national profile in the area of plant nomenclature by issuing "corrective" statements at appropriate times. Consider the publication of a "guide to naming plants".
6. Offer administrative services to horticultural organisations such as NZ Institute of Horticultural Science and NZ Camellia Society (examples only).

First D.D. Baker Awards Announced

The D.D. Baker Memorial Award, established with money bequested by Mrs. D. D. Baker of Taranaki was awarded for the first time at the 1992 A.G.M. The award is to assist with funding for a broad variety of research or study which will contribute to the advancement and benefit of horticulture in New Zealand.

The terms and conditions of the D.D. Baker Award are that up to 50% of the annual earnings of the fund are available. In 1992 a total of \$2,400 was awarded.

There were two awards for 1992 :

**Marian Mackay of
Massey University**

To determine aspects of the nature and extent of the exotic tree resource in New Zealand and use this information as a basis for plant collections planning and management.

**David Shillito of
Lincoln University**

To investigate hazelnut production, the nursery and environmental industries in Oregon and surrounding states.

The award is open to all financial Institute members, and applications for next year's awards are now being accepted. Application forms are available from the Executive Officer, R.N.Z.I.H., P.O. Box 12, Lincoln University, Canterbury.

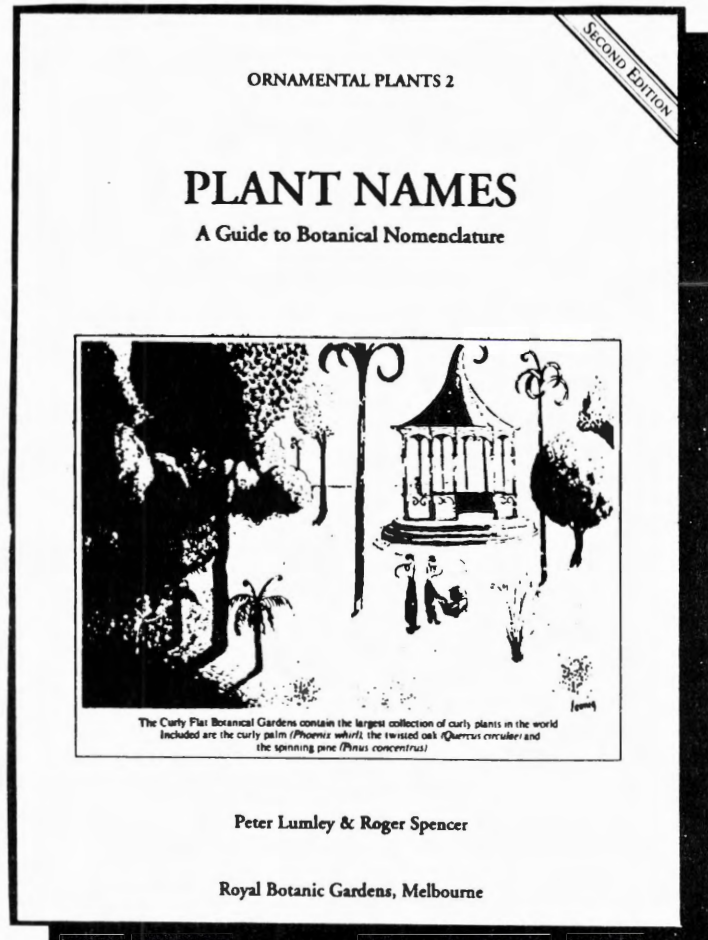
Closing date for awards is 28 February 1993.

Special General Meeting

A Special General Meeting of the RNZIH will be held at the Education Environment Centre, Botanic Gardens, Wellington at 12 noon on Wednesday 9 September 1992. (A National Executive Meeting will be held in the same day). There is one item on the agenda for discussion: Constitutional changes to improve the flexibility of timing of the Annual General Meeting. Clause 9(d) to be amended to read "The Annual General Meeting shall be held at any time during the year that the Executive decide appropriate.

Plant Names A Guide to Botanical Nomenclature

by Peter Lumley and Roger Spencer,
Published by the Royal Botanic Gardens Melbourne



The second edition of the above publication, reviewed in R.N.Z.I.H. Newsletter No. 3 October 1991 is now available from the R.N.Z.I.H. Head Office at \$14.35 per copy, this price includes G.S.T. and postage.

A Big Thankyou to our Sponsors

The R.N.Z.I.H. acknowledges with gratitude the generosity and support given by our prize sponsors :

**N.Z. Fruit Growers' Federation
N.Z. Vegetable & Potato Growers' Federation
N.Z. Nurserymen's Association
Mr. Peter Skellerup
R.N.Z.I.H. Whangarei Branch
Watkins Garden Products Ltd.
Whitcoulls Ltd.**

Without the assistance of our sponsors the R.N.Z.I.H. would be unable to offer encouragement to students by way of prizes for their achievements in the examinations and we greatly appreciate the interest shown in our students by our sponsors and recognise our indebtedness to them.

Executive Officer's Notes



AGM/Conference

The 1992 AGM and Conference has come and gone with the comprehensive programme providing plenty of stimulus for all attending.

Horticultural Qualifications Restructuring/Industry Training Bill

Work continues on horticultural qualification restructuring and favourable comments have been received from the Minister of Education, Dr. Lockwood Smith and N.Z. Qualifications Authority on the work done to date by the N.C.C.H.Q. (National Co-ordinating Committee for Horticultural Qualifications). Funding assistance has been obtained to support the work of the Committee and further applications will be made from this office to continue this process.

A large meeting of 22 industry and provider representatives was held on 30 March in Wellington to obtain industry affirmation of restructuring work carried out to date and to discuss the formation of an Industry Training Organisation for horticulture. (Under the new Industry Training Bill, Central Government funding for training will be routed through Industry Training Organisations.) Having obtained industry representatives approval, a meeting of the N.C.C.H.Q. Steering Committee on 13 April will now look at procedures for further National Framework unit writing and the creation of an interim Industry Training Organisation for horticulture. The R.N.Z.I.H. is proposing that it fulfil this I.T.O. function. A submission on the Industry Training Bill was made by R.N.Z.I.H. (1 of 120 submissions received by the Select committee). It is expected that the new Industry Training regime, administered by the Education Training & Support Agency will operate from 1 July 1992 after the Act is passed.

1992 Newsletters

Please note that this is a combined 1992 issue No. 1 and 2 Newsletter. Issue No. 1 was due at the end of March - however, to allow for inclusion of A.G.M./Conference information, details of the N.C.C.H.Q. meeting held on 30 March, and other material, this

issue will be combined with the June Newsletter. Issue No. 2 will now be sent at the end of August with Issue No. 3 at the end of December as usual. All contributions are welcome deadlines for material are August 7 and December 4.

Feedback from members on your Newsletter is always welcome.

R.N.Z.I.H. Constitution

The R.N.Z.I.H. constitution has been reprinted to incorporate changes agreed last year to associate membership, change of name from District Councils to Branches and the inclusion of the N.Z. Arboricultural Association.

Copies are available to members on request from National Office.

Rodger McCarthy

New Zealand Guardian Trust Company Ltd.

Travelling Scholarships in Engineering and Horticulture

The New Zealand Guardian Trust Company Limited, 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 New Zealand 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.

Application forms are available from

Mr. Kelvin Glenn
Assistant Trust Manager
NZ Guardian Trust Company Ltd.
P.O. Box 9
Christchurch

Telephone: 03 790-644

The Closing date for applications is 1 May 1992

Annie Rumble Trust

Purpose

To provide educational grants for horticultural studies and research in New Zealand and overseas for advancement of horticulture in New Zealand.

Qualifications of applicant

(a) Need not possess academic qualifications. Age limit of 35 years and must show an interest in horticulture

(b) The trust is limited to persons who shall at one time or another have resided in the Borough our County of Stratford or in adjacent Borough or Counties (as defined in 1987) or shall have attended any post primary school in or adjacent to the Borough of Stratford.

(c) Holder of another award not precluded.

Terms of Awards

Present annual income of trust is \$3,000 and amount and tenure of award will be according to nature of programme undertaken

Application with programme and personal details to :

Annie Marie Rumble Trust
P.O. Box 20
STRATFORD

By 31 October 1992



Surplus Publications

The following publications are available to members free of charge while stocks last.

Journals

No. 3	1975	No. 10	1982
No. 4	1976	No. 11	1983
No. 6	1978	No. 14	1986/87
No. 8	1980		

Horticulture in NZ

Vol 1 No. 1	Summer 1990
Vol 1 No. 2	Winter 1990
Vol 2 No. 1	Winter 1991

Bulletins

Vol 1 to 49



Notable & Historic Trees

Following publication of Newsletter No. 4 of 1991, I received a letter from Peter Kent of Tauranga. Peter has two Monkey Hand trees; the one at his Bethlehem orchard has a height of 13m and, at 500mm above ground level, a girth of 3,800mm. No figures were provided as to the spread of this tree's canopy or the year of planting. Peter's letter mentioned that S.W. (Bob) Burstall, writer/researcher of the 1970's NZAFS Forest Mensuration Reports and co-author of "Great Trees of New Zealand" once told him that *Chiranthodendron pentadactylon* grow profusely between East Cape and Gisborne. It would be most interesting to receive statistics about these trees from some East Coast reader.

At the Institute's March Conference in Wellington, to mark the centennial of City Council control of the Botanic Garden, Chris Ferkins, Notable Trees Committee Chairman, presented to the W.C.C. Parks and Recreation Department a 200 x 150 plaque officially recording the registration of nearly 100 'Historic Plantings' in the Wellington Botanic Garden. Most of these especially-selected trees were planted prior to 1880 by the Board of the New Zealand Institute.

Registration No. 248: A Norfolk Island pine, *Araucaria heterophylla*, growing at Hurleyville School near Patea since the turn of the century. Presentation of the Notable Tree plaque will be a feature of the forthcoming school centennial.

Marlborough T.R.O., Alby Ellwood-Smith traced an impressive stand of twentyfour Douglas Fir *Pseudotsuga menziesii* at Hillersden farm, about 35km up the Wairau River valley from Blenheim. These trees, planted by the Carter brothers about the 1870's are the largest - by only 250mm in girth - of this species in our records. However, their competitor (one of three in a stand at Guavas Station, Tikokino) is much younger, having been planted about 1895 by A.S. Carlyon.

Wairarapa T.R.O. Paul Hopkins was responsible for bringing to the registration stage sixtythree beautiful trees which form an avenue from State Highway 2 to the now defunct Waingawa Meat Works in the Carterton District. Called Bartrams Oak, these *Quercus x heterophylla* are a natural hybrid between *Q. phellos* and *Q. rubra*.

Notable & Historic Trees Handbook

The 1992 programme will feature the Notable Trees Groups efforts to publish a guide to New Zealand's notable trees as a book. This is already underway and has been entered on computer discs (5 in all) with the help of a student who produced accurate data entries from somewhat difficult information on the registration forms, often handwritten and at times ambiguous.

The work continues with preparation of a draft copy for production quoting etc. and the handbook now includes many new registrations. Of note are 35 new registrations of Nelson Trees which have been made, i.e.:

- ◆ The Bargent family trees at Wakefield, including Oaks planted in 1853 by Isaac Bargent from acorns brought from Kew.
- ◆ The Sequoias and other trees surrounding the historic St. John's Church at Wakefield.

Move to Internal Assessment

In line with the general trend towards internal assessment, the R.N.Z.I.H. Examining Board agreed at its September 1991 Meeting that for 1992 the R.N.Z.I.H. will implement internal assessment on the first four subjects of NCH, NDH and CHT.

All students will receive full instructions with their examination/internal assessment entry forms in June this year.

1992 Office Holders Update

National Executive

Mr. J.O. Taylor	President
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Mr. M.R. Oates	Chairman
Mr. F. Buddingh'	
Dr. R. Ferguson	
Mr. R. Flook	
Mr. A. Jolliffe	
Ms. M. Mackay	
Mr. G. Mander	
Mr. D. Shillito	
Mr. J. Williams	
Ex Officio	
Dr. R. Close	
Prof. E. Hewett	
Prof. R. Rowe	
<u>Non Exec</u>	
Mr. J.P. Adam	
Mr. R. McCarthy	Executive Officer

Examining Board

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Mr. M. Dean	
Mr. I. Gear	
Mr. A. Noble	
Mr. D. Riach	
Mr. A. Rose	
Mr. N. Struthers	
Prof J.A. Veal	
Ms. M. Gill	

Co-opted Members

Mr. M.R. Oates	FRIH
Mr. J.O. Taylor	AHRIH

Notable Trees Committee

Mr. Chris Ferkins	Chairman
Mr. R. Flook	Convenor
Mr. Wilf Watson	Tree Registrar
Mr. Donal Duthie	Technical Adviser
Mr. Brian Brown	
Mrs. Winsome Shepherd	

N..Z. Arboricultural Association Committee

Mr. M. Herbert	Chairman
Mr. J. Wakeling	Secretary
Mr. S. Potter	Treasurer
Mr. F. Buddingh'	Vice Chairman
Mr. R. Graham	Ed. Newsletter



International Plant Propagators Society

Student Award in Plant Propagation

The object of the Society is to encourage its members to share their knowledge and experience in the many areas of plant propagation. The Society's motto "To Seek and Share" accurately states its aims. The Society is a practically-based organisation with membership open to propagators, growers, students, advisers, technicians and research workers.

It is hoped that the publicity of the award among students will create a better awareness and understanding of the Society's objectives of encouraging young propagators towards a career in plant propagation.

The aim of the Society is to reward top achievement in the study of plant propagation.

Terms of Award

To be awarded annually through institutions with specific study programmes in plant propagation, where top achievement by students can be measured. For institutions to qualify they must outline their courses in plant propagation and the proposed method of student selection. Qualifying institutions will receive the book award and be responsible for its implementation. The prize is Bruce McDonald's book "Practical Woody Plant Propagation For Nursery Growers".

The Young Propagators Scholarship

The New Zealand Region of IPPS has established a Young Propagators' Scholarship to encourage young people to develop interest and skills in plant propagation. The award is open to people aged 28 years or less who are actively involved in some aspect of plant propagation. Either as a student studying for a relevant horticultural qualification or as a person employed in the horticultural trade.

The successful applicant of this scholarship will receive financial encouragement up to \$500 to aid a study in plant propagation or a closely related field. The successful applicant will have 10 months from acceptance to submit a complete report. The recipient will be given the option of presenting their report at an IPPS conference or for publication in the region's newsletter.

Applications

Applicants for the scholarship will be required to submit a two page outline of the proposed study, research or practical investigation to be undertaken. The project may be undertaken through a place of employment investigating some relevant aspect of propagation or a project in plant propagation produced for a formal educational course. It should include the method in which it is intended to approach the problems presented by the proposal.

Applications close on 30 August.

For further details and application forms please contact :

Robert Appleton,
Chairperson IPPS Young Propagators Committee,
Wakefield, Nelson.

Phone (03) 541 8546:
Fax (03) 541 8007

Christchurch Botanic Gardens Man takes IPPS Award

Christchurch Botanic Gardens propagator, Andrew Hodge, has won the 1991 NZ International Plant Propagators Society's Young Propagator Scholarship and prize of \$500 which will be used to further his investigation into NZ carnivorous plants.

Andrew completed a four year apprenticeship with Christchurch Botanic Gardens and continued as a journeyman until taking the position of propagator at the Gardens. He is in sole charge of the carnivorous plant section. "I have all but two of the NZ carnivorous species in cultivation," he says. "One of our sundews, *Drosera stenopetala*, is of particular interest as it still awaits an in-depth study of its propagation and growing requirements. It is well known because of its international rarity. "Several attempts have been made to grow it in NZ but these appear to have been on a short term basis."

Andrew will travel to the West Coast (South Island) to photograph the species and study its natural habitat and seasonal cultivation requirements.

He will also analyse samples of the media it grows in and try to formulate a media to be used in cultivation.

He will also try to find a better method of propagation "as this will limit the amount of plants removed from the wild in future." The plants are presently propagated from seed.

(Commercial Horticulture February 1992)



Drosera muscipula

Plant Collection Register

Progress Report

By Dr. Keith Hammett

This list has been compiled from the returns received from a questionnaire sent out during 1991 and from letters received in response to an article written by Mike Oates which was published in the June 1989 issue of the New Zealand Gardener.

While I consider the response to have been encouraging, we failed to receive information concerning various well known major collections.

To date the following collections have been recorded. If you have knowledge of other collections please contact Mike Oates (04)801 3072 :

Generic Collections

Acaena
Acer
Agapanthus
Allium
Amaryllis (Belladonna)
Arisaema
Artemisia (2)
Betula
Buddleia
Callistemon
Camellia (2)
Canna
Carmichaelia
Carya
Clematis
Coprosma (2)
Crinum (4)
Crocus
Cypella
Dahlia
Deutzia
Erica
Euryphia
Gelasine
Hebe (3)
Hedera
Helleborus
Herbertia
Hibiscus
Hymenocallis

Iris (2)
Jugland
Lachenalia
Lathyrus
Lavandula
Leptospermum
Lophomyrtus
Magnolia (2)
Malus
Melicytis
Myrsine
Nerine
Nothofagus
Organum
Paeonia
Philadelphus
Phormium (7)
Pieris
Pittosporum (2)
Pleione
Prunus
Pulmonaria
Quercus
Rhododendron (4)
Rosmarinus
Salvia (2)
Spiraea
Tymus (2)
Watsonia
Weigela

Other Criteria Collections

Alpine Compositae
Alpine Plants
Arboretum (5)
Australian Flora
Bulbs and perennials
Canary Island Flora
Conifers
Cycad Collection
Dwarf Conifers
Dye Plants
Endangered NZ Natives (2)
Endangered Plants (2)
Ferns
General Collection(s) (2)
Geographic Collections
Leguminosae
Medicinal Plants
NZ Natives (7)
NZ Offshore Island Plants (2)
Orchids
Palm Collection
Period plants
Proteaceae
Rose Collections
Roses
Subtropical Fruit Collection
Three Kings Natives
Winter Flowering Plants
Woody species

Newsletter



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