



Australian Institute of Horticulture Inc.
'Promoting Horticulture - the Profession of the 21st Century'



THE AIH JOURNAL

AIH: National Newsletter

www.aih.org.au

Summer 2018 Vol.10

Greetings members and colleagues, its been a long hot, windy but enjoyable Summer here in Melbourne but unfortunately its all coming to an end with Autumn on our doorstep. The mornings here are a little darker and much cooler, which is always a welcome relief when we hit the low to mid 30's during the day.

As always this weather tests us with our gardens but I feel that these tests aid in us becoming better gardeners, horticulturists and plant lovers. The challenges are part of the reason we all love what we do and why we head to work everyday (well at least one of the reasons!). I hope that where ever you are in Australia the season has been kind and that your gardens and those of your clients have survived the summer and are now ready for the autumn conditions that await.

Hopefully I will see you at the Melbourne International Flower and Garden Show in March.

All the best.

Regards,

Michael Casey MAIH RH106

AIH Victorian Regional Convener

AIH National Councillor

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Photo – Michael Casey

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President's Report

Dear Members

February has been a hot and busy month for myself and no doubt many of you as you commence the working year in earnest.

The National Council will have its first official meeting on 8 March. In the interim, Kim and I have been in discussions with our preferred insurers who have renewed their commitment to our organisation in providing economical and discounted products. We look forward to a productive ongoing relationship with Fitzpatrick and Co. for the benefit of all members. Please don't hesitate to contact myself or our Secretary, Mr Kim Morris for referral to the appropriate operative.

Thanks also to Kim Morris for his liaison with David Thompson, our website manager who has also been refining our database and will, within the next couple of weeks be launching our upgraded website. This is very exciting and David is gaining great pace with his improvements and innovations.

As many of you are already aware, your institute has been involved at the Consortia level in the PlantSure project which is a scheme to eventually reduce the sale of ornamental weeds. On 23 February, an important stakeholder meeting was held at Parramatta to investigate the concepts and address questions critical to the selection of a successful mechanism and scheme. The article reprinted in this report sets out a little more detail. It is important to note that once instrumental, this scheme could be considered for national application.

The Plant Collector's Fair, sponsored by our institute, will be held in Sydney in April. This is a great chance for members to meet and welcome new members and students. In addition, the annual Melbourne International Flower and Garden Show (MIFGS) will be held in March. Another great opportunity for members to gather, liaise and encourage new designs and ideas and potential new members.

Nic Rivett FAIH and our Melbourne convener, Michael Casey, will be having meetings in Melbourne in the next couple of weeks relating to our Urban GreenSpace award winners Far East Consortium (FEC).

I am aware that several of our regional groups are meeting to refine workshop topics for the year and I look forward to reporting those very promptly on our website.

I would also be very pleased to hear from individual members who have workshop ideas or requirements.

Kind regards Wayne



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Convenor Reports

Victorian News

One of our senior members and a Fellow of the institute, Nicholas Rivett FAIH, has been asked by the City of Melbourne's Canopy workshops to discuss his award winning roof top garden located in the heart of Melbourne. Nic and his team will discuss the feasibility, design, construction and maintenance of this site.

Tickets are free and anyone wishing to attend should click onto the following link.

The workshop will be held at 220 Spencer St Melbourne on the 13th March (6.00pm – 7.30pm)

<https://vic.us9.list-manage.com/track/click?u=864d78b041238ba19bd75463a&id=033c220f58&e=3abe7ea819>

Melbourne is also preparing for this years Melbourne International Flower and Garden show located in the Carlton Gardens. The show will run from Wednesday 21st March through to Sunday 25th March. Myself and fellow AIH members will be meeting up over the 5 day event and would love to catch up with anyone attending this event. Please feel free to contact me if you are dropping into the garden show.

Please feel free to email me with any questions or suggestions Michael@mjchorticulture.com.au

Michael Casey MAIH
AIH Victorian Convenor



WA News

Events running throughout March and April in Western Australia

March 11

Waterwise Garden Centre Workshop
Zanthorrea Nursery, Maida Vale

March 21

Growers Morning
Apace Aid, North Fremantle

March 26

Waterwise Garden Centre Workshop
Dawson's Garden World, Forrestfield

April 12-15

Perth Garden Festival
McCallum Park

From the archives

layers of the bark began to freeze only when the surface had cooled to about -4° .

The logs started to contract some time after ice formation began. Shrinkage occurred only in the bark; indeed when the sapwood froze it expanded slightly. If allowed to thaw out, the logs expanded once again practically to their original dimensions.

What was going on? Mr. Pook and Mr. Hall did further experiments in which they checked the changes in the dimensions of isolated pieces of living bark as these were frozen and thawed. As a result of their experiments they support an already-existing explanation that says that ice forms in the numerous small spaces between the cells of the live bark tissue.

It seems that when the tissue temperature fell to about -4° , ice began to form in the spaces, but not inside the cells. Ice formation and tissue shrinkage in the pieces of bark began at exactly the same time. Ice did not enter the cells. Rather, water diffused out through the cell walls and formed more ice in the spaces.

If the temperature rose again, then the process was reversed — and water vapour diffused back into the cells. The shrinking of the bark was thus caused by the cells becoming smaller as water diffused out of them. Water diffusing back into the cells made the bark thicken again as it thawed out.

This explanation isn't actually so surprising. One of the reasons for snap-freezing fruits and vegetables to preserve them in the best condition is that if they are cooled too slowly sap diffuses out of their cells and they shrink — just like bark.

The two scientists have now checked other species of gum trees in Canberra, and it appears that they too contract on some very frosty nights.

Studies of the volumetric response of snow gum bark to freezing. E. W. Pook and T. Hall. *Forest Science*, 1977, 23 (in press).

INSECT MIGRANT SEEN IN CITY TREES

Reprinted from *C.S.I.R.O. Journal ECOS*

The oak leaf-miner, another insect immigrant, has arrived in Australia. It was first recorded in Canberra during the summer of 1975-76 after Mr. C. Nazer of the Canberra City Gardens Administration submitted two adults to Dr. Ian Common, a curator of the National Insect Collection at the CSIRO Division of Entomology in Canberra.

These adults had been reared from 'leaf-mines' on oaks grown as street trees, and a quick look at other trees elsewhere in the city revealed a heavy infestation.

Mr. Nazer then made a more thorough survey of Canberra's ornamental trees, and found that several species of deciduous and evergreen oaks were being attacked. So also were chestnuts.

Further inquiries and observations in New South Wales indicated that the tiny moth was also attacking trees in the Sydney metropolitan area, Wollongong, Menangle Park, Bundanoon and Bathurst.

The oak leaf-miner, as its name suggests, attacks the leaves by eating out the green tissue. The mines give the leaves a blotchy appearance, and severely attacked ones turn brown.

Although new to Australia, the miner has been well known in New Zealand since 1951. By the end of the summer of 1953-54 it had spread over much of the country attacking 11 genera in addition to the oaks — Antarctic beech being one of these. The insect now seems to be quite effectively controlled by parasites introduced by the DSIR.

Biological control agents for the oak leaf-miner have not been introduced into Australia, yet already six different species of parasitic native wasps have been reared at the Division of Entomology from collections of mined oak leaves. So, in time, this New Australian may perhaps find its level without outside help.

The oak leaf-miner, *Phyllonorycter messaniella* established in Australia. I.F.B. Common. *Journal of the Australian Entomological Society*, 1976, 15, 471-3.

NEW MEMBERS

The following new members were welcomed to the Institute during the current year —

A.C.T. STATE COUNCIL — Full Members

Batchelor, Mrs. M. E.	Duchon, Mrs. G. L. B.
Burton, Mr. J. W.	Ryan, Mrs. J. L.
Cottier, Mr. M. W.	

N.S.W. STATE COUNCIL — Full Members

Appleton, Mr. F. E.	Dodds, Mr. L. H.
Ballantine, Mr. E. C.	Du Moulin, Mr. K. E.
Beattie, Mr. K. J.	Farquhar, Mr. H. I.
Black, Mr. N. D.	Gibson, Mr. B. C.
Bolwell, Mr. R.	Gilkes, Mrs. D.
Brown, Mrs. M.	Gregory, Mr. G. R.
Bull, Miss C.	Grondin, Mrs. G. J.
Bull, Mr. R.	Holte, Mr. J. B.
Clarke, Mrs. E. E.	Hopkinson, Mr. W. A.
Crawford, Mr. D. E.	Hughes, Mr. D. B.
Czipo-Barna, Mrs. S. L.	James, Mrs. G.

—Continued overleaf

Industry Article – John Carlile MAIH

FEATURE GARDEN – MELBOURNE POOL AND SPA EXPO – FEBRUARY 2018.

In recent years SPASA Victoria has recognized that an increasing number of consumers when looking to install a pool and spa wanted more information about landscape design when considering their needs at the Melbourne Pool and Spa Expo. Accordingly, the concept of an Outdoor Design Junction was developed with the centrepiece to be a Feature Garden, with the adjacent exhibitors to include landscape design professionals and allied trades such as landscape contractors, outdoor furniture suppliers, outdoor timber suppliers, rock and paver suppliers and outdoor kitchen suppliers.

Prominent Melbourne Landscape Designer, Justine Carlile of Justine Carlile LANDSCAPEdesign was given the task of designing the 2018 Melbourne Pool and Spa Expo Feature Garden and Inspiration Gallery as well as securing the support of a number of Alliance Partners to make it all possible.

The Feature Garden Alliance Partners included:

- Justine Carlile LANDSCAPEdesign – Garden Design.
- Coolabah Landscaping – Project Management.
- Ocean Road Outdoor Furniture – Outdoor Furniture
- Yarrabee and Castlemaine Stone Solutions – Gabion Baskets.
- Compass Pools – Fibreglass pool.
- Porta Timber – Timber.
- Anston Architecture – Concrete paving.
- Lump Sculpture Studio – Sculptures.
- Tuff Turf – Artificial Turf.
- Formboss – Metal Garden Edging
- Warners Nurseries – Plants.

The key theme of the garden design was to demonstrate in an interesting manner, products which are currently being used in Melbourne Landscapes, hence the important contribution of the Alliance Partners already listed. Furthermore, Justine was keen for the garden to be as interactive as possible for visitors, who were able to enter the garden, sit on the timber benches, chat with the garden hosts to learn more about the products and plants used and generally relax. Also the visitors were then able to wander through the inspiration gallery and view the photographic presentation of a series of spectacular gardens featuring products supplied by the various Alliance Partners.

Of course from a horticultural perspective, our own Melbourne Member, John Carlile (R.H.) worked very closely with Andrew Smith from Warners Nurseries on the appropriate plant selection and plant preparation for the 3 day Expo. The challenge with the plant selection was choosing interesting and attractive plants suitable for most Melbourne landscapes, as well as working with the Designer to ensure a good balance and symmetry in the finished garden. By all accounts the 2018 Feature Garden was a great success – visitor numbers to the Expo were up on previous years, and the interactive garden staffed with industry qualified and experience hosts ensured that not only did visitors have a positive experience, they left with a greater knowledge and increased inspiration for their pool and landscape projects.



Design by Justine Carlile - the Timber pergola constructed with Cumaru hardwood from Porta, nicely complemented by a lush selection of plants from Warners.



Design by Justine Carlile - a close-up of the Corton Steel Outdoor Sculpture from Lump, showcasing the Ocean Road Outdoor Furniture lounge chair in the timber pergola.



Design by Justine Carlile - a close-up of the water feature / wading pool.



Designer, Justine Carlile relaxing in the feature garden

AIH Member News



Newsletter

AIH Newsletter is settling into a monthly program. You are invited to provide stories, matters of a technical nature to share, projects, awards and other related information.

Contact Editor Michael Casey Michael@mjhorticulture.com.au

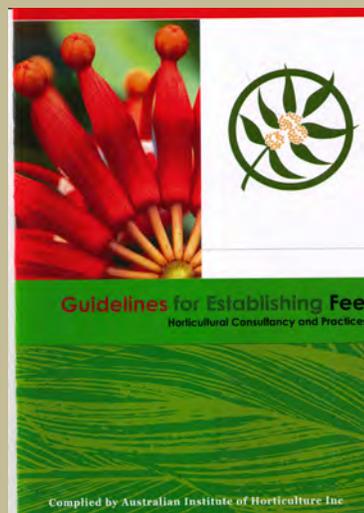
Competitive Insurances with Fitzpatrick

We revisit our preferred insurance broker arrangements with Fitzpatrick Insurance Brokers to provide a range of competitive and customised insurances specific to horticulture and general insurances that also include Professional & Indemnity (a requirement of all RH members to hold).

Registered Horticulturist (RH) Program

We are constantly working on refining the Registered Horticulturist (RH) program and what members should be getting from its accreditation. More work on promoting to government and industry to specify an RH. National Council will soon appoint an administrator to manage the program.

Check out this newsletter for a copy of the specially written 'AIH Guidelines for Establishing Fees'. All RH members will receive an email shortly outline details.



Web Site www.aih.org.au

The AIH web site is up and running with a comprehensive data base that will provide a range of useful features. It is a work in progress. Your comments are invited.

AIH Facebook and Instagram

AIH receives good numbers of 'likes' on our FB page and Instagram account. The more you like the better. Get the minute by minute info on the AIH program with links to the AIH website.

<https://www.facebook.com/AustralianInstituteHorticulture/> and www.aih.org.au

Instagram – [aust_institute_of_horticulture](https://www.instagram.com/aust_institute_of_horticulture)

CPD Programs and Timetable

AIH CPD programs and events are on the FB and website calendars. We are seeking more for the next year program - need more or collaborative arrangements.

Free Student Membership

Any student studying horticulture at an institution, RTO, University is eligible for FREE membership.

The offer is open to June 30 2018 and may be extended. AIH can send details to the organisation if you can provide details other than what we may already have. secretary@aih.org.au or Natasha

membership@aih.org.au



One More AIH member – Makes a Difference

Our strength is in our numbers and our information. We need to rebuild, refresh and replenish our membership.

Each of us knows one other horticulture practitioner who could be a member. All we need to do is ask.

One more is easy, that's all it takes. Contact secretary@aih.org.au or Natasha Membership Office at finances@aih.org.au or someone you know at AIH.

AIH Membership Application is attached with this newsletter

Regards,

Kim Morris FAIH RH 0002

Secretary

PO Box 2238 Toowong Q 4066

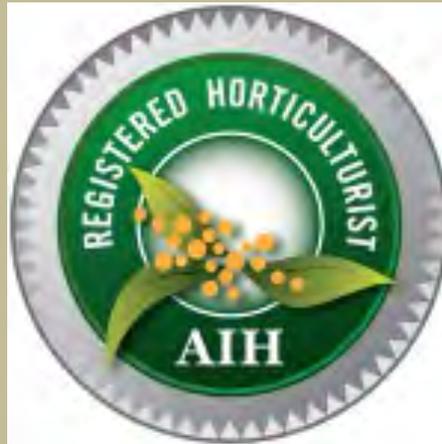
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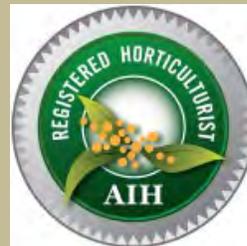
AIH Workshops



These workshops and events form the basis of the AIH Continuing Professional Development (CPD) Program. All Registered Horticulturists (RH) can earn required points to meet their biannual requirement. These events are open to members of the public and industry colleagues.



AIH Membership Renewal



Are Your AIH Subs Due?

You will have received a couple of notes to remind you that your membership subscription to AIH is now due. Paying subs is always a discussable subject of 'will I or won't I and what do I get'.

AIH has been steadily building the base for horticulture over many years and cannot achieve this without you!

Free student membership and a mentor program we have always talked about is to come to fruition soon.

Registered Horticulturists (RH) more aggressive development to add value to your membership. We can develop greater recognised professional existence with you as a valued member, not to mention the work to make your membership more profitable in your own business and career.

Help us all by renewing your ties, bonds and connections. It has one of the greatest values you can give.

Pay by bank transfer or on line with the instructions you have received.

Enquiries to Natasha at finances@aih.org.au or AIH President Wayne Van Balen MAIH at president@aih.org.au or Kim Morris FAIH RH at secretary@aih.org.au or 0409 591 133

AIH Member Insurance

AIH MEMBER INSURANCE

AIH has a negotiated arrangement with Fitzpatrick Insurance Brokers to provide a range of insurances for members.

If you have AIH Registered Horticulturist (RH) accreditation you will need Professional & Indemnity insurance amongst others.

Fitzpatrick's can arrange cover for Public Liability, tools, household, motor vehicles and other general and financial insurances. They specialise in cover for the horticulture industry and are familiar with our work.

Our member support also helps AIH as Fitzpatrick's are our major sponsor and long term AIH Corporate Members.



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AIH Noticeboard

AIH Member Support

- AIH Membership Support
- AIH has been representing, supporting and developing the profession of horticulture practitioners since 1960. The first of its kind in Australia.
- AIH is the only organisation to offer individual horticultural practitioner accreditation through the Registered Horticulturist (RH) Program that is promoted by the Institute across the profession.
- AIH has active alliances with many other like organisations in promoting Australian's health through horticulture and green space development to government and the community.
- AIH has an established Memorandum of Collaboration with the National Parks Board Singapore (since 2008) and other overseas horticulture organisations to share techniques, business opportunities and experiences.

- AIH supports students of horticulture with free membership, help in career development and entry to the profession.
- AIH has been representing the interests of and improving the standard of tertiary training in horticulture since 1960.
- AIH is one of the lead agencies in a number of representative bodies such as green space programs, weed management and other relevant activities that affect horticulture practitioners and community health.
- Concessions on AIH CPD events, conferences, seminars and workshops
- Access to the AIH National Journal Newsletter every month that contains events, profiles and technical papers.
- Mentoring by established professionals.
- Opportunities to be acknowledged in the prestigious AIH National Awards in a range of categories, that include the AIH Green Space Awards.
- Offers corporate membership to larger organisations to play a part in the support of horticulture and promotion of their businesses.
- Has an exclusive Group Insurance arrangement for general, professional indemnity, household, car, tools and public liability insurances for members with Fitzpatrick Insurance Brokers.
- Trade and business referrals

Plant Sure Scheme

The Consortia have been successful in securing a NSW Environmental Trust grant for \$1 million to develop and implement a voluntary accreditation Scheme to promote the use of environmentally 'safe' ornamental plants. The Plant Sure Scheme will be delivered in two Phases over the next 5 years. Phase 1 has commenced with the Consortia commissioning Macquarie University to evaluate a range of weed risk assessment tools and to build a fit for purpose, tailored tool, specifically designed to evaluate high risk ornamental plants in Australia. The Consortia have also engaged the University of Wollongong to research and evaluate a number of voluntary accreditation and certification Schemes and to recommend the best model that will ensure that high risk 'weedy' ornamental plants are not grown, sold or installed in Australia.

The Plant Sure Scheme project partners are keen to work with all green-life industry groups across Australia that have an interest in the responsible use of ornamental plants, to ensure the plant assessment process and the Scheme are relevant, user-friendly and available to everyone.

Please contact Wayne Van Balen president@aih.org.au if you would like more information or to be involved.