

Eucryphia



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APST's Big Day Out:

- 1 Members at the edible precinct with Emma Hope answering questions.
- 2 Floral bouquet for her Excellency the Governor brought by Rosemary Verbeeten.
- 3 Planter boxes in the edible precinct.



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Front Cover:
 Dick's *Alyogyne huegelii*, see article page 20.
Left:
 A low-growing *Alyogyne huegelii* also in Dick's garden.



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Contributions and letters to the editor are welcome. If possible they should be forwarded by email to the editor at eucryphiaeditor@gmail.com or typed using one side of the paper only. If handwritten, please print botanical names and the names of people. Original text may be reprinted, unless otherwise indicated, provided an acknowledgment of the source is given. Permission to reprint non-original material and all drawings and photos must be obtained from the copyright holder by the contributor.. Views and opinions expressed in articles are those of the authors and are not necessarily the views and/or opinions of the Society.	Membership subs. & renewals 2 <hr/> Membership 3 <hr/> Editor 3 <hr/> President's Plot 4 <hr/> Constitutional Review 5 <hr/> Report from Council 5 <hr/> AGM Agenda 6 <hr/> Study Group Highlights 7 <hr/> Calendar 2019 8 <hr/> Publications 9 <hr/> ANPSA News 10 <hr/> Blooming Biodiversity 11 <hr/> Windsor Park Community Precinc- 12 <hr/> A December Rave 17 <hr/> Margaret Stones AM MBE 18 <hr/> APST's Big Day Out 19 <hr/> Almost Another rave 20 <hr/> Another Not-So-Recent Event 23 <hr/> <u>News from the Groups:</u> <hr/> Northern Group 24 <hr/> North West Group 25 <hr/> Hobart Group 25 <hr/> Group Programmes 26 <hr/> <u>APST Directory</u>
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****It is a decision of Council that the subscription to *Australian Plants* entitles a member to receive only those issues that are published during the members' subscription period. Purchase of back copies may be arranged by contacting your Group Secretary.

Membership Badges and Cards

Membership Badges are provided to all financial members and Membership Cards are re-issued to financial members at the time of membership renewal.
Inverawe Native Gardens at Margate offers half price entry; Plants of Tasmania Nursery at Ridgeway offer 10% discount on non-discounted items to financial members on presentation of a valid Membership Card.

Substantial discounts are offered on book purchases through the Publications Officer.

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Your subscription expiry date is shown on the mailing envelope and automatic reminders will be enclosed near expiry date. Please return the reminder with your payment to facilitate the work and record-keeping of the Treasurer and the Membership Officer. If payment has already been received this is reflected in the expiry date on your mailing envelope and you do not need to send any remittance until you next receive a reminder. An application form is included on page 13 for use in introducing new members to the Society.

Please note the requirement to unambiguously identify yourself and the subscription type if payment is made directly into our bank account.

Failure to do so can cause substantial difficulty for the Treasurer and Membership Officer.

Membership

Fran Taylor, Membership Officer



We would like to warmly welcome the following new members:

Gillian and Kay Suter, 14 Princes St, BURNIE Tas, 7919. Ph 0419 306 453,
email: gilliansuter.gs@gmail.com

Kathleen Farr, PO Box 138, LONGFORD Tas, 7301. Ph 63911 324,
email: kfarr@internode.on.net

Anna McGrayne, 3 Balfour St, LAUNCESTON Tas 7250. Ph 0419 347 743
email: anna@glenhayr.com.au

From the Editor's Desk:

Mary Slattery



Welcome back after a crazy summer period full of highs and lows.

Those of our members in the Geeveston area escaped home loss or damage, fortunately, but had to make personal sacrifices to get through the hot smoky days. We all felt for you during this time.

On a lighter note, on the North West Coast I recently visited the garden of Drew Thomas, and discovered the delights of *Anigozanthus*. I have one or two in my garden, but dwarf, less than two feet. So the profusion of towering plants at Drew's was quite a revelation to me. I hounded him to take photos, which he did for me (see page 28)

The Big Day Out in February was a highlight, and much interest was expressed in the Macquarie Precinct, and the Governor's garden.

Congratulations go to Merle Thompson and John Le Messurier (find hidden snip-pets).

I am looking forward to an exciting new year of APST, as we begin to work within the new structure that is emerging from the Strategic Planning process. It all seems to have been very worthwhile.⁸

Advertising Rates in Eucryphia

Black and white only, up to a quarter page \$10.00; half page \$20.00; full page \$40.00

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Fees are payable to:

The Treasurer, Australian Plants Society Tasmania Inc.
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President's Plot

Margaret Killen, President.

Although it is only three months ago it seems a long time since my last Plot. Much has happened with Group end of year functions and a period of vicious bushfires which threatened the homes of some of our members and I am relieved that no one was hurt as a result. We also heard about the death of Margaret Stones the renowned botanical artist known for her taxonomic accuracy and who provided a significant contribution to botanical art and illustration during the 20th century. Much of her Tasmanian work is held at the Queen Victoria Museum and Art Gallery in Launceston.

On the 20th January the Geeves' organised an important and well supported walk in the Hartz Mountains to commemorate the first walk of the Society 50 years ago.

Big day out – The visit to Macquarie Point opened our eyes to the development, its plans, stages and edible garden precinct. Following lunch at the Royal Tasmanian Botanical Gardens we ventured next door to be shown around the expansive 4.5 hectares of grounds and gardens at Government House by head gardener Ben. We were delighted to discover that the native garden, under the guidance of Nikki, has prospered since the Governor, Her Excellency Kate Warner, has been in residence.

The reports from groups, later in this journal, detail other activities that have been going on during this period so be sure to check them out.

Shortly each group will be holding their autumn plant sales and I always look forward to them, April is the perfect time to be planting natives.

The Society's Annual General Meeting, on the 30th March, will be held at Windsor Community Precinct in the Launceston suburb of Riverside. Northern Group members are looking forward to showing you around this excellent site which is exclusively landscaped with native plants.

Now for the future, this year will be looking at streamlining membership payments for new and resubscribing members. This will decrease the work load for the Secretary, Treasurer and Membership Officer.

A home among the gum trees – I have always treasured being able to see a eucalypt tree from the kitchen window. On our small suburban block we have *Eucalyptus lehmannii* the Bushy yate and permanent home of our wattle birds, *E. angustissima* and a much-coppiced Grampians mallee with big green leaves, beautiful peeling bark and a host of lerps for the birds. ☺

Websites

APST Inc.

www.apstas.org.au

ANPSA Inc.
anpsa.org.au

Northern Group
www.apstasnorth.org

Constitutional Review

Margaret Killen

The constitution is a formal governing document that sets out our purposes and the way we make decisions and consult members.

As part of good governance, a constitution needs to be reviewed from time to time to ensure that it reflects current objectives, activities and operations, and so that it does not risk any tax endorsements or concessions that we currently enjoy. It is also important to ensure that our processes continue to be workable and sufficiently flexible to meet our practical needs.

Over the past 50 years our constitution has been amended 15 times and last year the APST Council decided to have a complete review with the help of a suitably qualified professional.

A consultative process was started where groups were asked for input. We engaged consultant Michelle Swallow from Hobart and a subcommittee met and worked with Michelle to update the constitution. We believe that this document reflects our current position.

By the time you read this in *Eucryphia* the updated constitution and a communication about the changes and the reasons for those changes will have been circulated to you. You have the opportunity to vote on it at the AGM on March 30th 2019. ◊

Report From Council

Mark Geeves, Vice President

It seems no time at all since the last AGM nearly a year ago now. A lot has been achieved at the Council level and work continues to streamline and modernise our processes. The work of the Strategic Planning committee is now bearing fruit as policies and procedure are coming to Council for ratification and implementation. This is vital work for the future of the Society into the 21st Century and hopefully beyond. Council have also approved the re-writing of our constitution to reflect current norms when running an organisation like the Society. Margaret Killen, our President, has been working closely with an external consultant specialising in this area and consultation has occurred with the groups prior to this process commencing. Thanks to everyone who has provided feedback through your group. We hope to have a draft ready for the March AGM if possible.

A special thanks needs to go to the North West Group who hosted this year's Members' Get-together which was a resounding success and well attended by members from across Tasmania.

Another very successful showcase for the Society was the Blooming Tasmania event held in Launceston. We would like to thank everyone involved who gave so freely of their time and to all those who made posies of native flowers and foliage that were a highlight of the event. The theme of container plants was a great showcase to the general public.

Our Society runs on voluntary effort and it's timely to acknowledge all the hard work and dedicated effort that members put into all the activities of the sSociety. We would not be able to function without it.

November was the 50th anniversary of the first meeting in Tasmania to set up a group in our own right and our first excursion was in the following January to the Hartz Mountain. The Hobart Group hosted a commemorative trip to Hartz in January 2019. ◊



Australian Plants Society Inc. Annual General Meeting Agenda 2019

Date: Saturday 30th March 2019
 Time: 11:00 am
 Place: Main meeting room, Windsor Park Complex, Riverside

Item	Description	Responsible
1	Welcome and introductions	President
2	Apologies	Secretary
3	Review of actions from 2018 Annual General Meeting	President
4	Acceptance of minutes of 2018 Annual General Meeting	President
5	President's Annual Report	President
6	Treasurer's Report including Financial Statements	Treasurer
7	Questions to Councillors	President
8	Special motion: Updated Constitution Moved by: Mark Geeves	President
9	Appointment of the Auditor	Treasurer
10	Election of Council Officers: President; Vice President; Secretary; Treasurer; Public Officer; Group Councillors; Membership Officer	President
11	Appointments: ANPSA Delegate 1; ANPSA Delegate 2; APJ Liaison Officer; Eucryphia Editor; Nomenclature Officer; Publications Officer; Strategic Planning Coordinator; Website Liaison Officer; Study Group Liaison Officer; Dispatch Officer.	President
12	Presentations	President
13	Next Meeting	Secretary
14	Meeting close	President

Study Group Highlights

Riitta Boevink, Study Group Liaison

Note that previous SG newsletters are available on the ANPSA website
<http://anpsa.org.au/study.html>

Acacia SG Newsletter No 142 Sept 2018

SG leader: Bill Aitchison

Members have access to the seed bank. Amusing article by DR F.Mazzaferri called 'Coconuts and Elephants' on how to get the impossibly hard seeds of the tropical *Acacia dunnii* to germinate. Descriptions on a few interesting Acacias for gardens: *A. nerifolia*, *A. conferta*, *A. boormanii* subsp. *gibba* and more info on the *boormanii*.

Correa SG Newsletter no 58 Nov 2018

Leaders: Bob and Dot O'Neill.

The O'Neill's smaller new garden is crammed full. Nevertheless, their aim is to have as many of the Correa species and subspecies as possible. Illustrations of their favourites are included. Correas are relatively free of pests and diseases, except for sooty mould that can be controlled with white oil or a substitute. Wallabies will eat small plants. the only effective measure is wire netting if wallabies are a problem. There is advice on grafting as well.

Isopogon and Petrophile SG Newsletter No 23, Nov 2018

Leaders: Catriona Bate and Phil Trickett

Petrophiles can be a bit of a challenge in Tasmania but many Isopogon species do well in right locations. This is a very informative newsletter. Previous copies, well illustrated, are available on the website as always and well worth reading. Lots of information on grafting and a special feature on *Isopogon formosus*.

Grevillea SG Newsletter No 111 Oct. 2018

Leader: Peter Olde

Peter comments on the difficulties of plant collecting for research in the Northern parts of Australia because of the excessive bureaucracy required for permits, especially in areas that have been handed over for Aboriginal management.

There is information on skin irritations caused by some species of Grevilleas taken from the botanical dermatology website database. Description of the rare *Grevillea* Sharon's Gold.

Garden Design SG Nos 105 and 106

Leader: Lawrie Smith

All GD SG newsletters, including the latest one, are available on the website: <http://anpsa.org.au/design> or Google 'Australian Garden Design'. Diana Snape comments on a GD conference: current trend is towards Ecological garden design. ☺

Threatened Species Research News

From: Threatened Species Recovery Hub j.dielenberg@uq.edu.au

Translocation is a very important tool in the fight against plant extinctions. Knowing when to do translocations, how to do them and how to measure their success can be a complicated business, especially considering the huge range of threatened plants in Australia. So where do you find the answers? Luckily, they are now all in one place, in new guidelines that will be a game changer for plant translocation. Lucy Commander lets us know what is on offer.

Read more: <http://www.nespthreatenedspecies.edu.au/news/plant-translocation-new-guidelines-a-game-changer>. ☺

Calendar for 2018-2019

This Calendar of events is compiled from best available information supplied by Groups and Council but is subject to change. To avoid clashes that may limit opportunities for all members to participate, event organisers are requested to consult this Calendar when finalising arrangements.

March	13	Wednesday	Hobart	AGM and General meeting
March	19	Tuesday	Northern, NW	General meeting
March	21	Thursday	North West	Propagation : Arboretum
March	26	Tuesday	Northern	Working bee HFG
March	30	Saturday	All members	APST Inc. AGM, Council Mtg
April	3	Wednesday	Hobart	Kingborough day meeting
April	6	Saturday	Hobart, Northern	Propagation
April	10	Wednesday	Hobart	General meeting
April	14	Sunday	North West	Autumn plant sale
April	16	Tuesday	Northern, NW	General meeting
April	18	Thursday	North West	Propagation : Arboretum
April	23	Tuesday	Northern	Working bee HFG
May	1	Wednesday	Hobart	Kingborough day meeting
May	4	Saturday	Hobart, Northern	Propagation
May	8	Wednesday	Hobart	General meeting
May	21	Tuesday	Northern, NW	General meeting
May	23	Thursday	North West	Propagation : Arboretum
May	28	Tuesday	Northern	Working bee HFG
June	1	Saturday	Hobart, Northern	Propagation
June	5	Wednesday	Hobart	Kingborough day meeting
June	12	Wednesday	Hobart	General meeting
June	18	Tuesday	Northern, NW	General meeting
June	20	Thursday	North West	Propagation : Arboretum
June	25	Tuesday	Northern	Working bee HFG
June	29	Saturday	Council members	APST Council meeting
	Special events	later:		
October	2	Wednesday	Hobart K'borough	Excursion Bruny Island
Dec	4	Wednesday	Hobart	Kingborough Xmas Lunch
Dec	17	Tuesday	North West	Christmas gathering

Publications

Launceston Field Naturalists Club does it again

Peter Dowde

Who said Tasmanian native plants are not attractive and colourful? The fifth edition of *A Guide to Flowers and Plants of Tasmania* shows over 170 pages of flowers and foliage that would surely appeal to the most ardent sceptic.

Decorative appeal is not the primary purpose of the book however, it is written in such a way as to enable non-technical people to identify Tasmanian indigenous flora across a range of habitats from coastal to subalpine.

Not only does the book include illustrations, but it has a detailed description of each plant and an illustrated glossary of terms for leaves and flowers. In many cases there are illustrations of both flowers and fruits.

The first edition appeared in 1981 and was edited by the late Mary Cameron. It is only fitting that she should be one of the dedicatees of edition five along with Marion and the late John Simmons.

This edition includes thirty new plants and some more recent photographs of those previously listed. As in prior editions, the foreword is written by the late Dr Winifred Curtis.

It is available from Petrarch's Bookshop in Launceston for \$32.95 and no doubt from other book retailers.

The very professional presentation of this book, with its excellent photography, makes it a possession that could be used proudly to adorn any coffee table. ☺

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5 acre garden with 500 species planted in family groups demonstrating Gondwanan floristic links. Large representation of Tasmanian endemics and rare species. All plants labelled. Wheelchair friendly path winds through the garden. An outstanding collection of shells, fossils and minerals in the Nature Museum. Accommodation also available. Entry fees apply.

Open daily 10-4 or by appointment
320 Cloudy Bay Rd, South Bruny Island
03 6293 1217 www.inalanaturetours.com.au





ANPSA NEWS

Riitta Boevink, President

On the 27th of November the second ANPSA meeting was held as a teleconference preceded by the Annual General Meeting. Except for the Annual General Meetings, when there are two delegates, each member society is represented by one delegate. The Top End Native Plant Society from the Northern Territory was an apology, but all other member societies were represented. . With all the elected officers the teleconference included 17 participants. Time differences ranged from 5 pm in WA to 8 pm in the eastern states with daylight saving time. It brings home what a big country Australia is!

At the AGM the previously discussed changes to Rules and Bylaws were ratified. The main alteration was to simplify the appointment of officers such as 'Newsletter Editor' by not specifying their titles. This eliminates the need to formally change the By-laws every time it is found expedient to change or discontinue a role. One of the motions adopted at the Biennial Meeting was the publication of the Rules and By-laws on the ANPSA website. What is this national body with the cumbersome acronym ANPSA? It is not a 'peak body' in the usual sense: it does not dictate policies to the member societies in each state and territory, which are independent. It creates an opportunity to present a united front of many members across Australia to promote our aims. Matters can be brought to the attention of the politicians at the federal level. The four objects specific to ANPSA as stated in the By-laws are:

1. To further collaboration between autonomous member societies.
2. To promote all aspects of the horticulture of Australian plants.
3. To promote the conservation of Australian plants and their habitats.
4. To speak with one voice for member societies at a national level.

Conservation

Eddy Wajon as the ANPSA Conservation Officer has led action on three major conservation issues in the past year. The threat to the bushland reserve surrounding the Jandakot airport in WA, the continuing damage caused by Brumbies in the Kosciusko National Park and the ever increasing threat to Australian plants by the spread of the Myrtle Rust. A delegation from WA and ACT took the Jandakot issue to various federal government representatives in Canberra. They were received favourably but final decisions will take up to 18 months. Alternative solutions continue to be proposed at the local level. ^o

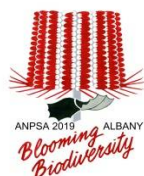
Merle Thompson

whom some of you know well, was recently awarded an **OAM** for service to the community through a range of organisations, including Australian Plants Society NSW.

Merle's achievements are even more remarkable given her own struggles with childhood polio. An inspiring testament to the adage that despite what life throws at you, serving others can help you rise above your circumstances.

Merle attributes much of her motivation to coming from a family who were always committed to community support and actively leading by example.

Congratulations, Merle!



Blooming Biodiversity

National Wildflower Conference in Albany, Western Australia, 2019

Western Australia is famous for its wildflowers. Gardeners in Australia and overseas strive to grow the beautiful kangaroo paws, boronias, hakeas and banksias endemic to Western Australia, especially to the south west of the state. The south west boasts incredibly rich and diverse flora, some of which are found nowhere else on earth. The region is home to more than 4,000 plant species and is an internationally recognised 'biodiversity hotspot'. It is home to some of the rarest orchids and carnivorous plants, trees and mountain bells.

The south west has a 'Mediterranean' climate, with cool, wet winters and warm to hot and dry summers, and its flora has adapted to both drought and fire. Species endemic to the region include the ancient Kingia (*Kingia australis*) and the glorious Royal Hakea (*Hakea victoria*). Huge Karri trees (*Eucalyptus diversicolor*) grow up to 90 metres in the wettest areas, and the Albany Pitcher Plant (*Cephalotus follicularis*) hides away in dense vegetation on the banks of streams and swamps.

In 2019 the Australian Native Plants Society (Australia) will hold its national conference in Albany, on the south west coast of Western Australia. Albany is arguably one of the world's most beautiful and diverse locations, renowned for its pristine coastline, myriad beaches and national parks, as well as its rich history.

Albany is the traditional home of the Minang Noongar people. It is located 420 kilometres south east of Perth and has a population of around 38,000 people.

The Conference will be hosted by the Wildflower Society of Western Australia. Spring is the main flowering period for our wildflowers, and the Conference will make the most of the peak flowering time. The famous Kings Park Festival runs throughout September so plan a stopover to visit Perth.

The Albany Wildflower Show, with over 500 wildflower specimens on display, will be held in the week leading up to the Conference so that delegates can visit on the Friday or Saturday before the Conference begins.

In addition to an exciting programme of speakers the Conference includes half day tours around Albany on Sunday 29th followed by a Welcome Cocktail Party. The first full day of the conference is a choice of three full day excursions to enjoy the beautiful mountains or coast around Albany. There is an opportunity to take another of these options on day three of the conference.

There are pre and post conference tours to explore Western Australia's wildflower regions:

1. Kwongan and Woodland Tour - Wildflowers of northern heaths and inland woodlands
2. Granites and Lowlands Tour - Forests of the Darling Scarp and central Wheatbelt woodlands
3. Heathlands and Barrens Tour - Hidden gems between Fitzgerald and Cape LeGrand National Park
4. Coasts and Forests Tour - south west coastal forests and views

If a visit to Western Australia's wildflowers is on your to-do list, **now** is the time to do it. We will help you make the most of your trip. Find more at www.bloomingbiodiversity.com.au ©

Windsor Park Community Precinct

Showcasing the landscaping potential of Tasmanian Native Plants

Janet Hallam

Many of us have favourite places to view our native plants; Bluff River Gorge in Spring for example or the beautifully created Tasmanian Bushland Garden. Another little known place, the Windsor Park Community Precinct at Riverside, showcases Tasmanian native plants but from a different perspective – their use in formal public landscaping.

Over the last decade the 15 hectare area has been gradually transformed into an extensive multi-purpose recreational area by West Tamar Council's Parks and Reserves staff, to great effect.

The Precinct gardens and parkland broadly divides into the following featured areas:-

- The entrance drive
- The Medical and Community Centre building
- The walkway and sports fields
- Open parkland

Choice of plants and landscaping design depends on which area you are in. For example the entrance is lined with mass plantings of *Diplarrena morea*, while the drive has been imaginatively landscaped with *Lomandra longifolia*, *Pimelea nivea*, *Correa reflexa* all planted to surround *Callitris oblonga* and *Allocasuarina verticillata*, interspersed with dolerite rocks.

In the areas of open parkland there are extensive rock and earthworks creating raised areas from which to view the Tamar. It is here around the undulations and small created wetlands that formal and patterned native plantings have been used.

In the heart of the Precinct, tucked away behind the Council Works depot and a Community Garden, is the APST Northern Group's nursery. From this hidden position Northern Group members have been able to view the emergence of these beautiful parklands with its imaginative plantings of Tasmanian flora.

It is difficult to do justice to the area in print. Suffice it to say, when up North, it is worth a detour to Riverside to drive and walk around the Windsor Community Precinct. Congratulations to West Tamar Council for this enlightened and progressive initiative. ☺

Newcastle's John Le Messurier

was crowned Australian Gardener of the Year in October last year.

John le Messurier (78) has been giving back to Scouts for over 42 years. His pride and joy has been creating and maintaining 26 beautiful native gardens at Glenrock Scout Camp. Before John's inaugural planting, the site carried the legacy and gardening challenges of previous coal mining with barren land, invasive weeds, coal dumps, erosion and no natural regeneration. But thanks to John's hard work, the gardens have won four achievement awards at State, Region and Local levels.



Left Landscaping along Windsor Park's entrance drive featuring *Pimelea nivea*, *Callitris oblonga*, *Correa reflexa*

Middle left Rockery bordering a car-park featuring *Arthropodium strictum*, *Leptospermum rupestre*, *Isolepis nodosa*

Bottom Left
Dolerite steps bordered with *Poa* down to a park of *Acacia mearnsii* and a variety of *Allocasuarina* and other species.

Below right: A border of standardised *Melaleuca pallida* with a carpet understorey of *Chryscephalum apiculatum*, *Pimelea nivea*, *Leucophyta brownii* and *Platylobium triangulare*.



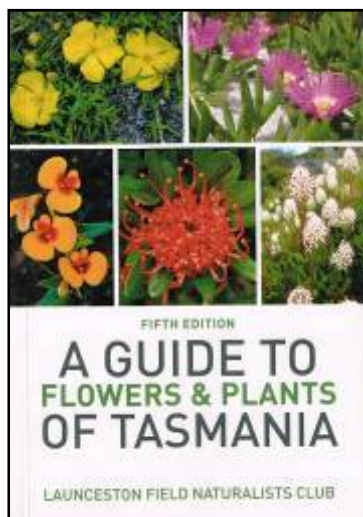


© L. Skabo

Above: Waratahs at Weavers Creek. See Northern Group report, page 24

Below left: The front cover revealed (p.9)

Below right: All set for the Port Sorell Spring Fair.





Left: Dr Stones is in front row, third along giving her acceptance speech.

© D. Burns

Right: After the ceremony, Marion Simmons and Kay Geeves had the chance to catch up. They had collected material for Margaret to draw for the Endemic Flora.



© D. Burns



© K. Geeves

Left: This photograph of Margaret Stones and Winifred Curtis was taken on Hobart Group's 20th Anniversary walk at Hartz Mountain National Park near a specimen of *Richea curtisiae*.



© D. Burns



© D. Burns



© D. Burns

Top and Above:
Elaeocarpus reticulatus,
(Blueberry Ash)

Right: Dick's tree of
Elaeocarpus reticulatus

See article opposite page.

A December Rave

Dick Burns

Since the November Get-together, the colour palette in the garden has shifted. The Woody Pear flowers have fallen away and the bronze new growth is becoming green. The Waratahs are finished as is the long-flowering *Hakea bucculenta*. My *Ceratopetalum gummiferum*, NSW Christmas Bush (really Penguin Autumn Bush) is budding up – I've had my tree-man take the top leader out again: my specimen is always trying to grow as a single-trunked tall tree. The graceful drooping mainland form of *Leptospermum lanigerum* suddenly turned white with flowering and just as suddenly turned back to green. But I could hear the bees enjoying it for the week that flowers were there.

I have two forms of *Elaeocarpus reticulatus*, Blueberry Ash. The first that I acquired is the standard white-flowering form. It has grown as a straight tree, more than 10 m tall, and has been growing long enough to have developed small buttresses. I have found two seedlings in my garden, one was removed, the other remains – it was growing through my long-disused rotary clothesline until Shaks removed the ironware to use in her vegie/fruit garden. Both have flowered and fruited annually, the fruits making the better display.

The second form is one of the pink-flowering selections. It has grown to be a rambling bush, as wide as it is high. This plant has always flowered annually, but never as prolifically as it did in December 2018. The flowers were larger than my white-flowering trees and for a time I had a 2 m × 2 m mass of bright pink – my photos don't do it justice. The flowers will be followed by the same bluish fruits. So this is my rave plant for this summer.

This species is mostly a mainland plant, but it does occur on King and Flinders Islands: its Tasmanian occurrence is listed as **rare**. Blueberry Ash is stated to prefer gullies, but all three plants are happy in my west-sloping dry garden. The literature says that trees can reach 20 m, so mine have a fair way to go.

The genus *Elaeocarpus* is distributed in lands around the Indian and Pacific Oceans, probably in part due to the fleshy fruits. The first-named species, *E. serratus*, was described in 1753 by Carl Linnaeus, the 'father' of our binomial naming system. That species has a distribution centred on India and has olive green fruit, leading to the botanical name for the genus: 'elaia' is Greek for olive and 'carpos' is fruit. The veins in the leaves are reticulated, or formed into a network. The common name refers to the fruit colour (although the fruit is not a multi-seeded berry, but a single-seeded drupe) and the superficial resemblance of the leaves to the Northern Hemisphere genus *Fraxinus*, commonly called 'ash'.

In the life of my garden, I have found that some species have spread beyond my garden and have been removed. These are *Kunzea ambigua*, *Sollya heterophylla*, *Leptospermum polygalifolium* and *Allocasuarina verticillata*. I only had to remove all the female trees of the last and the first two took several goes at elimination because of viable seed remaining in the soil. I have not noticed *Elaeocarpus* wandering out of the garden so it is safe. It is a pity about all the other plants wandering in though, like Sweet Pittosporum, Agapanthus, Cotoneaster, Ivy and Holly. ☺

I perhaps owe having become a painter to flowers. ~ Claude Monet

Margaret Stones AM MBE (1920 – 2018)

Kay Geeves

Members of the Australian Plants Society Tasmania Inc. were saddened to hear of the recent death of Margaret Stones accurately described in her Obituary as a botanical artist of rare gifts and great achievements.

In my opinion her magnificent illustrations contributed greatly to raising awareness of the value and significance of our endemic flora and are an ongoing legacy to all of us who value our special plants.

Margaret was born in Colac, Victoria on 28th August 1920 and died at Epworth, Richmond on 26th December 2018 having made a huge contribution to botanical art and illustration during her life-time.

Her father was a farmer and her early years were lived in the aftermath of the Great War and the Depression. Her artistic talents were noted and supported by her family. She attended Swinburne Girls Junior Technical School (the first for girls in Victoria) and gained a three-year scholarship. She was unable to stay on to get her Diploma but later attended night classes at the National Gallery of Victoria Art School for a year and a half while earning a living as a commercial artist during the day.

She trained and took up nursing during the Second World War. She contracted pulmonary tuberculosis soon after doing her final exams. She was bedridden for 18 months- first at Epworth and then at Box Hill. She began drawing plant specimens that friends brought her. When she recovered she was able to join the Melbourne Botany School summer excursions to the Bogong High Plains in Victoria.

In 1951 she moved to London. She worked independently, as a freelance botanical illustrator, for the Royal Botanic Gardens at Kew and other significant botanical institutions for more than 30 years. She lived near Kew from 1951-2002. From 1956 to 1981 she was the principal contributing artist to Curtis's Botanical Magazine and produced more than 400 watercolours.

Her most important work in the 1960s and 1970s was *The Endemic Flora of Tasmania* with text by Dr. Winifred Curtis. The work was commissioned by Lord Talbot de Malahide and was published by Ariel Press, London between 1967 and 1978. In 1961, Lord Talbot, a keen gardener, rare plant enthusiast and owner of Malahide estate near Fingal, commissioned her to do 35 Tasmanian plant drawings and later decided to publish a series of volumes and engaged Dr. Curtis to write the text to accompany the final 254 illustrations. Collection of plant material was done by volunteers in the field including members of the Society for Growing Australian Plants and then air-freighted to Margaret Stones in London to be illustrated. Brian Halliwell would be waiting to take the material to the propagating section as soon as she finished! *The Endemic Flora of Tasmania* grew to six volumes. Lord Talbot died in 1973 after the fourth volume was published and the last two volumes were co-ordinated by his sister, the Honourable Rose Talbot.

In recognition of the help given by members of the Society for Growing Australian Plants Margaret Stones made a very generous gift to the Society of \$500. Margaret Allan, a knowledgeable and enthusiastic collector felt strongly that this should be used to further knowledge of and enthusiasm for our plants. A series of plant identikits had been started by the Conservation Commission of the Northern Territory and the decision was made to do a Tasmanian series and what a great success this has proved to be thanks to the dedication and talent of a small group of enthusiasts. The series has also provided ongoing funds to the Society. Margaret Stones was delighted.

Margaret Stones donated all her original paintings to the Queen Victoria Museum and Art Gallery in Launceston and it is superb work. I loved the Exhibition I visited there. Of the collectors, as far as I know only Marion Simmons and I are left.

(Continued next page)

APST's Big Day Out

Margaret Killen

The invitation to this day was extended to all members and a good roll up of nearly 30 people from around the state took the opportunity to go along on Wednesday 13th February.

We started at Macquarie Point where Mary Massina (CEO of the Macquarie Point Development Corporation MPDC), Emma Hope and Kitana Mansell spoke about the development and its planned stages and answered questions. We were pleased to hear that the Eden Project will be making a return visit this year. MPDC is partnering with local organisations such as the TSO and the RTBG. Hindrances such as the waste water treatment plant have been resolved and it will be moved from the site by TasWater.

We were shown the Edible Precinct where there is a comprehensive and healthy collection of native and traditional food plants growing together and we saw two of the people involved, Angus Stuart and Kris Schaffer.

Stage one of this three-stage development is well underway. The site overlaps the natural foreshore area and there are opportunities for native plantings continuing through the site to the new walking bridge and cycleways which run up to the Domain and beyond.

Lunch was at the RTBG in the fuchsia house which provided shelter and somewhere to sit. While there we discussed what we had seen and what opportunities there may be for APST involvement in the Macquarie Point development.

I am happy to report that Peter Edwards will be leading a working group of three Hobart members to get that information together and start preparing a submission which will be discussed with us and the MPDC.

A behind the scenes visit to the gardens of Government House was a revelation to many of us and appreciated by all. The native garden has been rejuvenated and other areas looked at were the quarry, vineyard, tennis courts and extensive vegetable garden. ☺

Margaret Stones AM MBE

(Continued from previous page)

In 1976 Margaret was commissioned to create a series of six watercolours as part of Louisiana State University celebration of the American bicentennial. The project was expanded, and over the next fourteen years she completed more than 200 drawings and published in 1991 as *Flora of Louisiana*.

What a wealth of wonderful work she created and what a delightful person she was. Throughout her life she maintained her interest in our Tasmanian flora and its protection. In 2008 the University of Tasmania conferred an Honorary Doctorate of Letters on her. Louisiana State University awarded her an Honorary Doctorate of Science in 1986. The University of Melbourne bestowed the same honour in 1989. She was honoured with the highest Australian award (AM) and the British award (MBE). Two plant genera have been named in her honour - *Stonesia* family Podostemaceae from West Africa and *Stonesiella* which has one species restricted to parts of Tasmania's east coast and is endemic.

Vale Margaret.

Almost Another Rave

Dick Burns

In 2013, after removing the last fruit tree (possums and birds always beat me to the plums and apricots) and the trees that shaded my house, I had lots of new sunny spots for garden beds, about a quarter of my land. Weed seeds that had lain dormant in the soil for years were delighted as well – a weekly ritual began of pulling seedlings of Blackberry, Cotoneaster, Daisies of course, etc.

I used limbs from the felled trees to mark out beds; newspaper and cullings from files I no longer used smothered the grass; and the shredded foliage from the trees became mulch. I went on a nursery crawl. Margaret Kinsey had told me of a low-growing form of *Alyogyne huegelii* that she had spotted in one of the local commercial nurseries. So that went into the mix.

Nothing like this mauve, big-petalled shrub grows in the Sydney bush, so the hibiscus relative was one of the first I had chosen for my garden in the 70s, planting it near the kitchen door. I always overplant, greedily wanting everything, and *Alyogyne huegelii* had to compete with a drooping *Personia pinifolia*, *Hakea victoria* and remnant bracken. They all eventually lost out to Mountain Devil, *Lambertia formosa*. I tried to establish the *Alyogyne* elsewhere but it never succeeded when trying to establish itself among older plants. The new low-growing *Alyogyne huegelii* nearly succumbed as well, but for other reasons. By 2013, pademelons had settled in my bit of bushland and found delight in all the new flavour sensations. So began the erecting of wire fences around all the beds that had new plants. After one or two years, the *Alyogyne* started spreading and in January 2019, it burst into full flower. I had found a double form of this species and planted it nearby, but it has not thrived – perhaps because of root competition with a *Cyathea australis* that has had its own struggle to get established.

There are white and purple flowering forms of this adaptable species that are available. It is a member of the Malvaceae family commonly represented by the hibiscus and mallow. The endemic *Asterotrichion discolor* has grown to tree size at Deviation Road and I once had two colours of *Hibiscus heterophyllus*, but they were short-lived. Other North Wests grow specimens of *Abutilon*, *Lagunaria* and *Howittia* in their gardens and I established a group of *Gynatrix pulchella* at the Tasmanian Arboretum – it occasionally grew naturally along the banks of the Don River as it flowed through the grounds, but floods would wash it away. The other species of *Alyogyne* that I have seen in gardens is the fine-leaved *A. hakeifolia*.

The family Malvaceae is the source of the foods **okra and rosella and one** species is the source of cotton. A feature of the family is the presence of long stable fibres, leading to a common name for both *Asterotrichion* and *Gynatrix* of Native Hemp, which used to excite young people whom I was showing around the Arboretum. The floral emblem for the Northern Territory is Sturt's Desert Rose, *Gossypium sturtianum*.

When I was guiding on the Western Australian tours, I encountered many different genera of this family. The major distinguishing aid that I found useful was that both male and female reproductive organs are carried on a single long central column rising from the centre of the flower and how the reproductive parts are held on the column can indicate the genus. The other distinguishing feature is below the petals, whether there is only one calyx (the bud cover) or the calyx is surrounded by a further ring (an epicalyx). I only encountered *Alyogyne huegelii* once on a tour. (It was 2001 and the day after the tour started, the Twin Towers went down and a day or so later, Ansett Airlines collapsed – as we were all booked on Ansett to fly out of Alice Springs after the trip, the tour company decided to drive us all back to the East Coast, so we drove out to Cape Llewellyn then through Fitzgerald National Park before hitting the Nullarbor.) Along the southern road,

(Continued on page 27)

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Another, Not-So-Recent, Event

David Meadows

Dick Burns' article on *Euryomyrtus* and name changes reminded me how 'our' knowledge is constantly increasing and what we were once taught as correct has so often now been superseded by new 'information'. Following my recommendation of your reading Daniel Chamovitz' book *What a plant knows*. I purchased an updated edition myself and was surprised to read in the prologue 'the rate of scientific discovery in plant biology is so fast that this new edition (2017) contains ground-breaking information that completely contradicts conclusions made in the first (2012)'.

But even more remarkable have been the advances in the understanding of DNA, since Francis Crick and James Watson famously discovered its double helix structure in 1953.

Crick, once a physics student himself, speaking to a Cambridge University Physics Society meeting said, 'biologists must constantly keep in mind that what they see, was not designed, but rather evolved' and then paused. He left some of the audience that evening in the Cavendish Laboratory with the thought that this was a tongue-in-cheek comment and that the physicists and students there, who were a part of Cavendish, could think differently. When he used the word 'evolved', he didn't mean adapted to changes in climate or defence against predators but an increase in the information-bearing properties of the initial DNA. Adaptation is actually a decrease in DNA information. The origin of life debate now must include the origins of the information needed to produce the complexity of the living cell. Isaac Newton said a mind designed it all; Darwin postulated that it was all matter and energy acting over a long time (dubbed the 'chance model' for its undirected chemical processes). As research in the decades since Crick/Watson has progressively peeled back hitherto-unsuspected incredible layers of complexity of DNA and how it functions, much of what was previously presumed and taught at universities has been totally turned on its head. And so, the key question arising: what are the mathematical chances of such staggering complexity, which has taken years of human research effort to discover, arising by itself? And the usual answer is about one in ten⁷².

Therefore, biologists don't anymore have to keep in mind that what they see was not designed, but just keep on reading, learning and thinking. There are many folks out there who have justifiably rejected neo-Darwinism and returned to Newton's thesis of intelligent design—consider for example the super-sensitive mechano-receptor hairs of carnivorous bladderworts (e.g. *Utricularia dichotoma*). They apparently convert a mechanical stimulus to something like an 'electrical pulse' which is transmitted to specialist cells activating the trapdoor—the entire process taking 0.03 seconds. Amazing! As for *Styliidium dilatatum*, that reacts even faster in only 0.003 seconds.

Recommended reading: *Signature in the Cell* by Stephen C. Meyer [©]

What a significance wild flowers have, more than the tamed productions of the garden! They seem Heaven's own messengers sent straight to man to bear glad tidings of universal and undying love.

Henry James Slack (1818–1896),

The Ministry of the Beautiful, "Conversation XIII: A Rocky Lane in Summer," 1850

News from the Groups

Northern Group

Kay Pallett

Another enjoyable Christmas gathering at Windsor Park in December ended the year on a high note and led to a well earned summer break. However for some busy members the break was short as a full 2019 program of interesting guest speakers has been set up, enough plants have been propagated, coaxed and cajoled ready for the autumn sale and a new shade table area has been constructed. At Mowbray members have weeded, pruned, mulched and mowed so that our Tasmanian Native Garden has received praise on 'Google Maps'. Community service projects such as a recent 'ragwort raid' to the Nunamara area have also occupied some busy members.

There have been three excursions - one in November from Petal Point to the von Bibra properties in the NE of Tasmania where the group was treated to colourful displays such as a mass of *Leptospermum laevigatum*, another of *Ricinocarpos pinifolius* mixed with *Aortus ericoides* as well as a variety of different monocots and ferns. The next excursion was to Weavers Creek area in early December when waratahs were at their peak and flowers such as *Herpolirion novae-zelandiae* (blue Sky Lily), *Baekea gunniana* and *Chiloglottis cornuta* were just some of the many seen on this excursion which benefited from fine weather and the expert knowledge of Ian Thomas who spoke of the unusual geological features in the area.

Early in the new year the group enjoyed an excursion to Surrey Hills. Louise Gilfedder led the excursion, providing the aboriginal history of these special grasslands through to their modern day management by Forico. This company has converted some eucalyptus plantations back to grasslands, with a pleasing diversity of native plants returning. Forico Fire Manager Adam explained the important fire regime used to re-establish the grasslands. There are 1000 hectares of grasslands on Forico managed properties. (Read detailed reports on these excursions in APST North Newsletter.)

In February, the AGM followed immediately by the first general meeting of the year was a well attended, informative and convivial night. Louise Skabo was re-elected as president. Other roles remained the same except for that of vice-president, held by Roy Pallett for the past 3 years. Peter Dowde has taken on that role and Roy was thanked by Louise for his support.

After a 'quick stretch' the general meeting got underway with the Treasurer's report being accepted followed by a discussion on ways to best use some of the Group's invested money. It was good to hear of the Macquarie Point plans and Government House Gardens visit. Ideas flowed with further discussion on how to improve plant diversity in the nursery; Blooming Tasmania; a possible project for Dennison Gorge; hosting the 2019 Get-together and APST AGM. The business meeting ended with a report by Rosemary Verbeeten describing the Hartz Mountain Anniversary Walk in January. Supper was served and discussion continued as members shared their summer break experiences and firmed plans for the year to come.

Don't like driving at night?
Prefer a daytime meeting?
Why not try the Kingborough Day Meeting?
All welcome.

North West Group

Riitta Boevink and Joy Maltoch

A big thank you to Peter and Kate French for hosting our Christmas Break up in December at their home at Spreyton.

Propagation has continued over the summer break, with added sessions in January. Last year the heatbed at the propagation nursery at the Arboretum died during winter with the loss of some cuttings. It has now been replaced and is working well. We thank Phil from the Arboretum for looking after that. So, we shall have many plants for our autumn sale on April 14th.

In January, Riitta Boevink and John Tabor again gave a talk on native Australian plants at the Bunnings Garden Club in Devonport, and although there were not many in attendance, those who were there were enthusiastic and asked questions.

Also in January our group visited the native nursery of Shaks Johnson in the Forth Valley, followed by a visit to the garden of Ian Hutchinson, a relatively new member whose garden was full of delights for us.

Our first meeting of the year in February was the AGM, where all officers were re-elected unopposed. Then followed a general meeting, with a much depleted turnout as some were still away or had other engagements. This was offset by a member joining the meeting for the first time, and by the presence of a potential new member. ☺

Hobart Group

Jenny Boyer

On Mt Wellington the Waratahs, *Richea dracophylla*, *Bauera* and *Olearia phlogopappa* were all flowering well prompting an extra walk on the first day of December on the upgraded track from the Chalet to the Spings on a beautiful day. A real bonus of 2018 activities came to a conclusion with a return visit to Randalls Bay for a well attended Christmas picnic and walk at this lovely peaceful spot. Beautiful weather was a bonus and the day was enjoyed by all. Christmas was also celebrated by the day meeting group with a lunch at the Centacare rooms at Kingston the previous week. January 1969 saw the first excursion of the newly formed Tasmanian branch of the Australian Society for Growing Australian Plants so the 50th anniversary was celebrated with a January return to the Hartz, the area of that first excursion. While the smoke from the Riveaux Rd fire blanketed other areas, the Hartz was clear and sunny with lots of plants flowering and many people enjoying the celebratory day.

The excellent guest speakers at the February meeting were the very enthusiastic Eve Lazarus and Dr Magali Wright from Enviro Dynamics who spoke about their projects studying the threatened Miena cider gum, (*Eucalyptus gunnii* subsp *divaricata*) and Morrisbys gum (*Eucalyptus morrisbyi*) both of which are at the edge of their of their climatic tolerance. It was interesting to note that seed for *E. morresbyi* regeneration is coming from former APST members Graeme and Ingrid Roberts' planting on their property at Broadmarsh.

The first garden visit for the year was to Les and Helen Payne's garden at Sandford. Members were very pleased to catch up with the hosts, well known from the Pulchella Nursery at Buckland. The extensive dry sandy garden features many very interesting West Australian plants suited to the conditions, including *Banksia*, *Dryandra*, *Eucalyptus verticorda* species which survive without regular watering. The huge veggie garden is, on the other hand, well watered from the on-site dam and along with the chooks, ducks and guinea pigs, is thriving. ☺

Group Programmes

Northern Group

Below are links to: APST Northern Group website, programme page and newsletters
<http://apstas> <http://apstasnorth.org/pages/program.html>
<http://apstasnorth.org/pages/newsletters.html>

March 19	Tuesday	7.30 pm	General Meeting , Club night, Max Fry Hall Speaker: John Hosford, Aboriginal Peoples' Use of Plants
March 26	Tuesday	9.30 - 11.30 am	Working Bee Native Garden, HFG, Mowbray
March 30	Saturday		APST Inc. AGM , Windsor Community Precinct, Riverside
April 6	Saturday	10am - 4pm	Autumn Plant Sale Max Fry Hall, Trevallyn
April 16	Tuesday	7.30pm	General Meeting Max Fry Hall, Guest Speaker: Anita Hansen, <i>Botanical Art in Colonial Times</i> .
April 23	Tuesday	9.30 - 11.30am	Working Bee Native garden, HFG Mowbray
May 4	Saturday	1 - 3pm	Propagation APST Nursery, WPC Riverside
May 1	Tuesday	7.30pm	General Meeting Max Fry Hall, Guest Speaker: Matt Baker, <i>Specimens from the Vault: the Tasmanian Herbarium and Weeds</i>
May 28	Tuesday	9.30 - 11.30am	Working Bee Native garden, HFG Mowbray
June 1	Saturday	1 - 3pm	Propagation APST Nursery, WPC Riverside
June 18	Tuesday	7.30pm	General Meeting , Speakers: Mick and Helen Statham, <i>Flora and Fauna of Iceland and Scottish Outer Islands</i>

North West Group

New meeting venue: St Paul's Hall, Church St. East Devonport

March 19	Tuesday		General meeting
March 21	Thursday	10am	Propagation , Arboretum
March 30	Saturday		APST Inc. AGM , Windsor Community Precinct, Riverside
April 14	Sunday		Autumn plant sale, Arboretum. 10am - 3pm
April 16	Tuesday		General meeting
April 18	Thursday	10.am	Propagation, Arboretum
May 21	Tuesday		General meeting
May 23	Thursday	10.am	Propagation, Arboretum
June 18	Tuesday		General meeting
June 20	Thursday	10.am	Propagation, Arboretum

For those like me, who did not know: Rosella.....

Rosella is thought to have originated in Sri Lanka, introduced to Australia by Indonesian fisherman. Having grown here for thousands of years, it has developed characteristics that make it uniquely Australian — despite all being the same species, our variety differs to the *Hibiscus sabdariffa* of New Guinea, Indonesia and China. In the wild, you can find this edible hibiscus growing in the forest, rainforest and sand dune regions of our tropical north.

The Rosella bush produces red edible calyxes that are high in vitamin C. They have a pleasant tart-sweet flavour that goes well in salads, jellies, red sauces, jams, cordials, syrups, fruit teas and wine. They are often found in shops, preserved whole in syrup or liquid, as a decorative and flavouring additive for cocktails, white wine or champagne. The seeds may be roasted and ground into flour. The young leaves may be steamed or stir-fried – these are also known as red sorrel.

■ Almost Another Rave

(continued from page 20)

we travelled along corridors of *Alyogyne huegelii* or *Lambertia inermis*, or the weed *Leptospermum laevigatum*. On other tours, I was used to encountering the smaller dry-and-heat-adapted *Alyogyne pinoniana*.

When you first see the genus name *Alyogyne*, it is hard to work out how to pronounce the word but my guide, *Australian Plant Genera* by James A Baines (1981 and long out of print), says the correct way to say it is:

al-ee-ODG-in-ee, with the emphasis on the capital letters.

The *Encyclopaedia of Australian Plants* by Elliott and Jones suggest that the genus name was developed by botanist Friedrich Alefeld in 1863 from two Greek words, *alytos*, meaning 'united' and *gyne* 'female', referring to the undivided style. Alefeld was German, born in the Grand Duchy of Hesse. He worked a lot on the family Malvaceae.

The Encyclopaedia gives the size range of *Alyogyne huegelii* as 1-2.5 m × 1-3 m and describes the species as fast-growing hardy and adaptable. The only pests I have noticed are pademelons. So give it a go. ☺

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Nymphs excrete honeydew on the leaf surface and the sugars and amino acids in the honeydew crystallise in the air to form lerps. Leaves can look black and sooty when moulds grow on the honeydew. Lerp size and shape varies between species of psyllid.

Adult and nymph psyllids are both sap suckers. Heavy infestations of nymphs can cause significant leaf-drop, defoliating trees.

APST Directory

COUNCIL

Postal address **P. O. Box 3035,** **Ulverstone MDC,** **ULVERSTONE TAS 7310** **Email: apstsec@gmail.com**
Website: www.apstas.org.au

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Journal Editor	Mary Slattery	0402764986	North West Councillor	Dick Burns	6437 2474

GROUPS

Hobart Group

President	Mark Geeves	0408031917	Meeting place/time: General meetings: <u>Kingston Primary School Library</u> Second Wednesday of the month 7.30pm except January, June, July and August. For winter meetings, www.apstas.org.au/calendar
Vice President	Sib Corbett	6239 1275	
Secretary	Christine Corbett	6239 1904	
Treasurer	Jenny Boyer	6293 1113	
Contact Officer :	Bruce Champion	6294 6970	

Postal address:
 GPO Box 1353K,
 Hobart Tasmania 7001

Kingborough Day meetings:
2pm Centacare Units Meeting Room, turn left off
 Balmoral Rd. Kingston.
first Wednesday of the month not January. 6227 2108

Northern Group

President	Louise Skabo	0467199602	Postal address: 45, Osborne Avenue, Trevallyn, Tas. 7250 Email: apstasnorth@gmail.com Meeting place /time: <u>Max Fry Hall, Gorge Rd, Trevallyn</u> 7.30 pm Third Tuesday of the month (except January). Website: www.apstasnorth.org
Vice President	Roy Pallett	0438392041	
Secretary	Peter Dowde	6344 2277	
Treasurer	Rosemary Verbeeten	6394 4600	
Eucryphia Liaison	Kay Pallett	0400097025	

North West Group

President	Joy McIntosh	6426 2657	Postal address: PO Box 3035 Ulverstone MDC, Ulverstone Tas 7315 Email: apstnorthwest@gmail.com Meeting place/time: <u>St Pauls Church Hall, Church St, East Devonport</u> 7.30 pm, Third Tuesday of each month. except January and July
Vice-President	John Tabor	6428 6512	
Secretary	Drew Thomas	6437 1802	
Treasurer	John Boevink	6428 6909	
Eucryphia Liaison	North West Councillors		



A profusion of tall *Anigozanthus Flavidus*, both green and yellow, at Drew's Penguin home ((see page 3)

Some of the Northern group on the Surrey Hills excursion showing Valentines Peak grasslands in January.



© R. Skabo