

A close-up photograph of a cluster of native Australian plants, likely a species of daisy. The flowers are white with bright yellow centers and are surrounded by silvery-green, succulent-like foliage. The background is dark and out of focus.

Native Plants for New South Wales

Journal of the Australian Plants Society NSW Ltd Vol 48 No 1 January 2013

Native Plants for NSW

Published quarterly in January, April, July and October by the Australian Plants Society NSW Ltd ACN 002 680 408

Editor: David Crawford
Proof Reading: Rhonda Daniels
Jan Douglas
Layout: Lachlan McLaine

The Journal is a forum for the exchange of views of members and others and their experiences of propagating, conserving and gardening with Australian plants.

Contributions are warmly welcomed. They may be typed or handwritten and accompanied by photographs and drawings. If handwritten, please print botanical names and names of people.

Photographs may be submitted as either high resolution digital files, such as jpg, or prints.

APS NSW Office

Mail: PO Box 5026
Old Toongabbie NSW 2146
Phone: (02) 9631 4085
Fax: (02) 9631 4293
Email: office@austplants.com.au
Website: www.austplants.com.au

**Deadline for April 2013 issue is
22 February 2013**

All original text may be reprinted, unless otherwise indicated, provided the source is acknowledged. Permission to reprint non-original material, all drawings and images must be obtained from the copyright holder.

Opinions expressed in this publication are those of the authors and may not necessarily represent the official policy of the Australian Plants Society NSW Ltd.

Number of Copies: 1400

Printed: Elect Printing, Fyshwick ACT.

Print Post Approved: PP 2265253/00018

© 2013 ISSN 1323 – 7314

Front cover: One of the many delights of our alpine flora, the alpine sunray has had many names. *Leucochrysum albicans* ssp *alpinum* may be the latest.

Photo: From the editor's household

Back cover: Alpine summer scenery from above the treeline in Kosciuszko National Park.

Photo: Again from the editor.

See p 39 for more information.

Contents

Introduction.....	3
Quarterly meeting hosted by Menai Group	4
Threatened species garden.....	6
Volunteers for Easter Show	9
Grevillea 'Bon Accord'	10
Coates Wildlife Tours.....	11
Ermington meeting	12
report Nov 2012	
Notice of AGM	13
President's report	14
A Garden by the Sea	16
Sutherland Group 50 years	20
Vale Jim Webb	21
Valette Williams Scholarship in..... Botany 2013	22
ANPSA 2013 Conference	23
APS Out and About	24
District Group directory.....	25
Membership form.....	26
District Group directory cont.	28
Living National Treasure..... Hazel Althofer	29
The Seed Bank.....	33
Open Gardens	34
2013 Annual Get-together EOI	35
APS NSW Website update	36
APS NSW Board jottings.....	39
Study Groups notes	40
Study Groups directory	42
New members	44
Banksia flower colour research	45
District Groups diary	46
Membership discounts.....	50
APS NSW contacts, committees ... and services	51

Introduction

David Crawford, Editor *Native Plants for NSW*

I have received some feedback from my first issue as editor – mostly polite and complimentary which was nice and appreciated. But contributions would be even better! Everyone is busy, but a couple of pages of A5 with a photo or two is not that demanding.



The production of *Native Plants* is a team effort, this time particular thanks must go to Rhonda Daniels and Jan Douglas for their guidance and proof reading.

In this issue I draw your attention to the February Quarterly meeting to be hosted by Menai group. Maria Hitchcock is the guest speaker and members' gardens are open to visit (p4). There is an update on progress with the threatened species garden at Tamworth (p6) and a tribute to life member Jim Webb who passed away in 2012 (p21). Peter Olde's presentation at the last Ermington meeting in November has been summarised (p 12) and an article about a south coast garden is featured (p 16) – it would be great if others could follow Leigh's example and provide a photo essay of their garden. We also have an article about Hazel Althofer, one of the driving forces behind Burrendong Arboretum and an inspiration to those of us who are slowing down (p29). The website update in this issue has a step by step guide for accessing and contributing to the on-line forum (p36). This lets members raise issues and discuss matters of APS interest across the state from the comfort of their living rooms. Finally there is an opportunity to be involved in research on *Banksia* populations (p45).

The society needs volunteers for the Easter show (p9) and North Shore Group is looking for candidates for their scholarship program (p22). Mark a date in your new 2013 diary to help Sutherland Group celebrate 50 years in April (p20). Or complete the EOI form for the 2013 APS Annual Get-Together in Armidale (p35).

Summer is a good time to collect seed from many native species. Our seed bank is in real need of your donations (p33).

APS Out and About (p24), was a new addition to the journal last issue and I kicked it off with a picture of my group (East Hills) because that was easy. I called for photos from other groups but only North Shore responded, so they are featured in this issue.

As you can see there is plenty in the journal, I hope you find it interesting.

APS NSW Quarterly Meeting, 16 February 2013

This is a new initiative of the Board. The quarterly meetings (other than the AGM) are going out into the groups in an attempt to revitalise this feature of the APS NSW program. Please show your support by attending what should be an excellent day of activities.



Growing waratahs and flannel flowers: the secrets of success

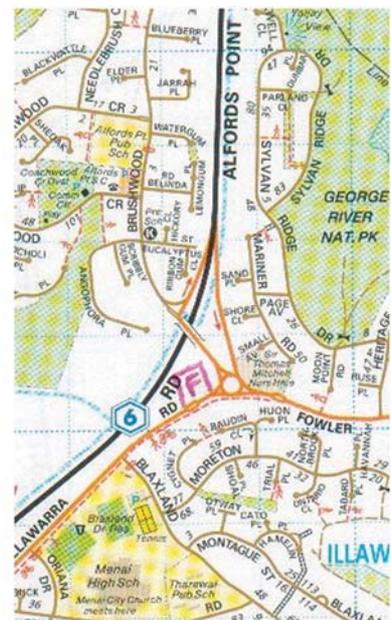
When: Saturday, 16 February 2013 at 1 pm.

Where: Illawong Rural Fire Station at Old Illawarra Rd, Illawong (adjacent to the Alfords Point roundabout). See the map below or refer to the Menai group website: menaiwildflower.austplants.com.au/map.html

Join us at the first APS NSW Quarterly meeting for 2013 where Maria Hitchcock (pictured) will share her tips on how to grow waratahs and flannel flowers. Maria is currently leader of ANPSA Waratah and Flannel Flower Study Group and has acquired a great deal of expertise in growing these two groups of plants over the years. Maria is also President of the Armidale and District Group, a life member of APS NSW, and the author of the widely acclaimed books *Wattle* (first published in 2001 and republished in 2012) and *Correas, Australian Plants for Waterwise Gardens* (published 2010). Maria is a very knowledgeable, capable and entertaining presenter whose talk will provide us with a wonderful insight into the successful growing of these two iconic NSW plants.

Afternoon tea will be provided by the Menai Group at the end of Maria's presentation. This will provide members a further opportunity to meet and share their passion for Australian plants with other members.

There will also be a great selection of plants for sale.



"F" marks the spot.

Map is courtesy of Sydway, pg 333

Open gardens in conjunction with Quarterly Meeting

For those wishing to make a day of it, the following members' gardens will be open for inspection from 9 am till 12 noon.

John and Liz Aitken ☎ 95891363

44 Buchanan Ave, Bonnet Bay

(at end of right of way, next to No. 40, with street parking)

John and Liz's garden faces south overlooking the Woronora River. Having a southerly aspect, it features mainly shade-loving plants including rainforest trees and ferns. It was part of the Australian Open Gardens Scheme.

Leonie Hogue ☎ 9528 6083

75A Wattle Road, Jannali

(at the rear of No. 75, with street parking)

Leonie's garden features a number of Australian natives, which create a lovely oasis in a suburban environment.

Jayne Rixon ☎ 9541 1273

63 Australia Road, Barden Ridge

Jayne has a beautiful native bush garden in a natural setting with lots of hidden treasures to discover.

Karlo Taliana ☎ 9709 6135

65 Sturt Ave, Georges Hall

Karlo's garden was specifically designed and constructed to grow Western Australian plants. It is a beautiful garden, which features many plants which would normally not grow in Sydney. Note this garden is on the north side of the Georges River. Those coming from the north should visit it first.

Joseph Banks Native Plants Reserve

In addition, you can also visit the Joseph Banks Native Plants Reserve, Manooka Place, Kareela, which is entirely devoted to growing Australian native plants. This beautiful reserve is located in a natural bushland setting and is open from 10 am to 5 pm. More information can be found at: www.sutherlandshire.nsw.gov.au/Recreation/Parks/Joseph_Banks_Native_Plants_Reserve

Progress on the Threatened Species Garden at Tamworth

This article was written by Bill Hardin, who is a member of Tamworth Group of APS, and is also a life member of APS NSW. He is the project leader for the Threatened Species Garden being developed at Tamworth Botanic Garden. Bill wrote an article about the foundation and early years of that garden which featured in *Native Plants for NSW* in January 2010.



After hearing disturbing reports about the extinction and vulnerability of lots of our native species, we saw the opportunity of doing something about the situation in our area of the world. So about mid 2008 we gathered together some willing helpers, mainly from APS, but also including the Friends of the Tamworth Botanic Garden and Tamworth Regional Council.

Our aim is to preserve threatened species from the NSW Northern Tablelands, the Northwest Slopes and the North West Plains. We intend to do this by collecting seeds and cuttings of these plants, propagating them and planting and growing them ex situ in a secure area.



New holes dug and marked – this photo shows the prominent setting of the garden with part of Tamworth visible in the background. All photos: Bill Hardin



New holes with the first planting in the background.

The Tamworth Regional Botanic Garden was an ideal site for our project, containing situations suitable for most of the species and being a secure public area. We selected a few areas in the garden and made a presentation to Tamworth Regional Council for permission to undertake the project. Approval was enthusiastically granted for our scheme. This was helped by the fact that the conservation of endemic plants was one of the original aims of the Tamworth Botanic Garden.

So we now had the basics for our project. It was then necessary to obtain a scientific licence to collect the threatened species from the wild. This was achieved early in 2009 after which we commenced collecting and propagating the rare and endangered species from our various areas.

We applied for numerous grants from governments, council and various businesses around the town without any success, so we put the project on hold for a while until Graeme Ingall, then president of APS NSW, suggested we apply to APS for a grant from the Bequest Funds. This was successful and funding of \$20,000 was granted, to be issued in increments of \$5,000 as we needed it.

This allowed us to commence the access road and infrastructure necessary for our first planting. Shortly after this we received another grant of \$15,000 from Tamworth Council. I think they were encouraged

after seeing the progress we had made with APS money. In March 2011 we reached a milestone with our first planting of 52 trees and shrubs.

Since then we have finished the majority of the infrastructure associated with the threatened species site at the Tamworth Botanic Garden and we have spent most of the \$15,000 grant we received from Tamworth Regional Council. This has allowed us to install all the main irrigation lines underground and we have had 500 holes dug and filled with suitable loam for future plantings which should suffice for a number of years to come.

We have also had a working bee to bury the main pipelines and mark their position with wooden stakes. Dripper tubing, drippers and fittings have been purchased, along with steel posts, rolls of wire mesh for tree guards, plastic tubes and bamboo stakes for planting out small plants. We have also purchased 600 plastic stakes to attach name tags to. Name tags have been made for the trees and shrubs already planted on the engraving machine belonging to the Botanic Garden. All this work and purchasing has made us miss the planting dates we had planned for and we are now reluctant to plant what we have in pots in the middle of a very dry period and high summer temperatures. We have decided to grow the plants on in pots to gain a bit of size and plant in the autumn. Things have progressed a lot slower than I anticipated, however we are now looking forward to getting on with collecting and propagating.



New holes and access road constructed as part of the project.



Volunteers needed for the Royal Easter Show 21 March – 3 April 2013

Volunteers are needed for the APS NSW stand at the Sydney Royal Easter Show. This runs from Thursday 21 March to Wednesday 3 April 2013. Our stand will be operating from 10 am to 4 pm each day.

We have been allocated a space to set up a display of Australian plants, present information about the Society and sell plants.

It is planned to have at least two members at the display at all times to answer questions from the general public about the plants on display and the Society, to distribute membership information to those interested in joining, and to sell a small selection of Australian plants.

On each of the 14 days, there will be two shifts, the first from 10 am till 1 pm and the second from 1 pm till 4 pm.

If you are able to help in any way, please contact the office on 9631 4085 or by email at office@austplants.com.au. Volunteers will be given either free entry tickets for the show or will be recompensed for the purchase of tickets.



Visit APS NSW on the web at www.austplants.com.au for the latest updates on membership, District Group activities, Study Groups, conservation issues, discussion forums, articles, fact sheets, special events and much more.

Maria's Garden – *Grevillea* 'Bon Accord'

Maria Hitchcock is the President of the Armidale & District Group of the Australian Plants Society.

January is a time when many of us travel to the coast for a beach holiday. We enjoy the balmy temperatures, the crashing of the surf through the night and the continual ringing buzz of cicadas doing their thing. As I walk around beach villages or caravan parks, I always marvel at those fantastic huge-flowered grevilleas which have sumptuous names like *Grevillea* 'Moonlight', 'Misty Pink', 'Honey Gem', 'Coconut Ice' and 'Peaches and Cream'. They are usually large bushes with enormous sprays of grevillea flowers which hang over fences and invite all the honeyeaters to feast on their copious nectar, not to mention those middle-aged flower thieves who sneak a sample to stick in a glass on the windowsill.

I have to confess being tempted more than once by these 'Queensland' grevilleas to part with my well earned cash at a coastal nursery, only to find that they succumb to the first hard frost at home. This is because they are all hybrids of *Grevillea banksii*, which is a frost tender species. The usual hardy grevilleas available in our area with their narrow spiny leaves and small flowers just don't seem to attract the same 'oohs' and 'aahs' of their tropical cousins. Not to despair. There are quite a number of interesting grevilleas which have a similar appearance and are as tough as old boots. These are the *Grevillea johnsonii* hybrids.



A grafted *Grevillea* 'Bon Accord' in Maria's garden. Photo: M Hitchcock

As well as the parent plant, I also have a real hybrid beauty called *Grevillea* 'Bon Accord'. I acquired this plant as a grafted specimen over 20 years ago and it has been a wonderful addition to the garden all that time. *Grevillea* enthusiasts in this area grow a number of grafted varieties because our soils can be too heavy for many grevilleas on their own roots. People tell me occasionally that they have trouble growing grevilleas but it's usually a soil and not a frost problem. They really do need a very well-drained position and will die if the soil becomes waterlogged. Grafted plants use *Grevillea robusta* (Silky Oak) rootstock which doesn't mind clayey soils.

My *Grevillea* 'Bon Accord' has lovely dissected leaves and is an upright plant growing to 2 m and flowers for a long period from spring through summer. It is growing on the southern side of one of my large bush gardens and is heavily mulched to retain soil moisture. The flowering this year is spectacular no doubt due to all the rain we have had and the flowers look wonderful in a vase. It is a really easy-care plant requiring nothing much other than an annual tidy up after flowering has finished and a sprinkle of Dynamic Lifter twice a year in spring and summer. Grafted plants of this variety are available online from a Queensland supplier.



Coates Wildlife Tours
Specialists in Nature Tours since 1986

South Australian Outback Expedition 16 Day Camping Tour - 11th May 2013
Visit some of the most spectacular outback locations in the Lake Eyre Basin.

Kimberley Discovery 15 Day Camping/Accomm Tour - 15th June & 6th July 2013
Explore the wildlife & gorges of this unspoiled wilderness area.

Kimberley Wonders 12 Day Camping Tour - 26th June 2013
See spectacular gorges, Gibb River Rd, Mitchell Plateau, El Questro & more.

Rudall River Expedition 14 Day Camping Tour - 17th July 2013
Discover the beauty of one of the world's most remote wilderness areas.

Contact us for our full, 2013 tour program today.

Free call: 1800 676 016 **Web:** www.coateswildlifetours.com.au
Email: coates@iinet.net.au

GSA Coates Tours Licence no 9ta1135/36

APS NSW Ermington report - 16 Nov. 2012

Thanks to Rhonda Daniels, Sutherland Group and Jan Douglas, East Hills Group, for the following summary of another challenging presentation.

Grevillea and Hakea: one genus or two? – with Peter Olde

Changing plant names may be frustrating to the modern plant enthusiast, but it is not only a recent phenomenon. A major turning point in botanical nomenclature occurred when Swedish botanist Carl Linnaeus (1707-78) developed the binomial naming system for living things and a classification system for plants which focused on the sexual system of reproduction. At about the same time, the French botanist Antoine Laurent de Jussieu (1748-1836) published a natural classification of flowering plants based on analysis of multiple characteristics. Robert Brown adopted this system around 1810 and history has proven him to be a very successful taxonomist. In the last 200 years only one genus has been dropped from his classification in the Proteaceae.



The thinking of Charles Darwin (1809-1882) on evolution identified that the natural system is not fixed – it was and is evolving, and there were exciting plant discoveries in the New World of Australia, New Zealand and South Africa to fit into the known system. To account for the evolutionary model, scientists want to show how plants are related and have evolved, and their lineages. For many years, analysis focused on visible characteristics of plants, but in the 1980s, tools such as DNA, genetic and genomic analysis which can examine millions of plant characters started to become available.

Research using the new tools has focused on groups of plants which are closely related to better understand the relationships between them. This has often led to vigorous debate over name changes for well-known genera such as Eucalyptus and Corymbia, Banksia and Dryandra, Melaleuca and Callistemon, and now Grevillea and Hakea.

Typically DNA data sets require sophisticated multi-factorial analysis with computerised algorithms before the results can be interpreted. Differences in analysis and interpretation can lead to very different conclusions from the same data. DNA results do not provide hard and fast answers or certainty on naming.

Recent molecular analysis of seven genes in Grevillea and Hakea indicates the likelihood that Hakea is nested in or evolved from Grevillea.

The genus *Grevillea* may have to be split up or merged with *Hakea*. If it is merged then the name *Grevillea* disappears as *Hakea* was named first and has priority if the rules of taxonomy are applied strictly. An alternative interpretation sees *Grevillea* split and both existing genera retained, with new genera created mainly for West Australian species. One result of this later approach has two genera in the Sydney region for *Grevilleas* (one for the 'toothbrush type' e.g. *G. longifolia* and one for the 'spider flowers' e.g. *G. sericea*) and the *Hakeas* remaining in their own separate genus. We will have to wait and see how this plays out. Decisions on and acceptance of proposed name changes reflect scientific, cultural, historical and commercial values.

Peter Olde encourages us to see this period as an incredibly exciting time for botany. The new tools will help us to better understand the relationships between plants. The evolutionary approach requires us to look at familiar plants completely differently, focusing on the characteristics in DNA which have evolved to create new species, rather than on visible morphological characteristics. This is likely to make identification in the field more challenging.

Scientists have new tools which allow them to gain information that has previously remained hidden. It is only early days and we will have much to learn about how to analyse and interpret the information these new tools unlock. Changes to plant names and associations are sure to follow. But this is how science proceeds, with theories proposed, tested, found wanting and replaced by better theories. The classification of living things is a human construct and new knowledge will result in new arrangements. It may be inconvenient – change often is.

APS NSW Annual General Meeting

Friday 17 May 2013 at 7.30 pm



Ermington Community Centre,

River Rd, Ermington

The Annual General Meeting of APS NSW will commence at 7.30 pm on 17 May 2013. All members are encouraged to attend. The future of your Society depends on your involvement.

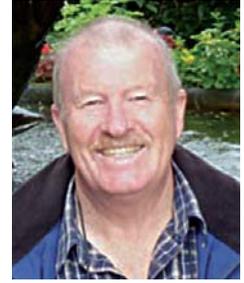
If you are unable to attend, please complete a proxy form and forward it to the Office or your Group secretary.

A proxy form and nomination form for election of office bearers will be included in the April edition of *Native Plants for NSW*.

President's report

John Aitken, President APS NSW

I would like to take this opportunity to wish each of you a new year filled with peace, prosperity and happiness. I hope that you all had a wonderful Christmas and that your 'green' presents have been planted and are growing well.



Congratulations to David Crawford on his first issue of *Native Plants for NSW*. It was a professionally produced journal with a balance of both APS NSW news and great articles that would have been of considerable interest to members.

It is with the deepest regret that we have been informed that the Illawarra and the City–St George Groups have folded due to lack of numbers attending their meetings. I would like to thank the immediate past Presidents, Peter Parker (Illawarra) and Dorothy Luther (City–St George), and their committees for their determined efforts to keep the groups going over the past few years. It has been a very challenging task, with declining attendances at their meetings and the lack of members prepared to volunteer for committee positions.

In a recent email, Bob Ross, the immediate past President of the South East NSW Group, offered the following pertinent comments.

'I had a long talk with Michael Anlezark who recently took over from John Knight as Manager of the Eurobodalla Regional Botanic Gardens (ERBG) and has joined the South East NSW Group Committee as a committee member. Both he and I are past presidents of the SA Region (separated by 40 years! I was president for a short time in the 1970s). Michael made the point to me that the role of the APS has changed and it is now in competition with other community groups – two examples that directly relate to our SE NSW group are the Friends of the ERBG (based in Mogo near Batemans Bay but attracting lots of people from the surrounding towns, including as far south as Narooma) and the Landcare groups further south (we have started a new Tura/Mirador Landcare group and I'm actively involved in this group). Michael suggested that we need to look closely at our role as an APS group in light of the fact that our members are often also involved in these competing groups. He used the example of the Port Lincoln APS group that folded while he was regional

president – the members of that group were also involved in a local native garden that took much of their time.’

It is clear that the groups in NSW that are doing well are those that are actively involved in local community projects. The Tamworth Group, for example, has generated much interest within the local community by initiating and developing the Threatened Species area at the Tamworth Botanic Garden. (See the article on page 6.)

It appears that people are prepared to become involved in local groups that target specific community projects, such as Bushcare, rather than becoming involved in organisations with a broader set of objectives. The Board is very much aware of the difficulties facing groups and Rhonda Daniels (Sutherland Group) and Maria Hitchcock (Armidale and District Group) have agreed to investigate strategies to address these issues and to seek new directions for the Society.

It is with regret that we have been informed about the death of Jim Webb, who was made a Life Member of APS NSW in 2000. On behalf of APS NSW I extend our condolences to Jim’s family and friends. A tribute to him appears on page 21.

Correa ‘Canberra Bells’

2013 is the Centenary of Canberra. *Correa* ‘Canberra Bells’ is the official plant commemorating this event. A centenary rose was initially considered, but it was agreed a native plant would be a more appropriate symbol for Australia’s ‘Bush Capital’.

The genus *Correa* was selected for its drought and frost tolerance, its stunning flowers and because it is indigenous to the Canberra region. Experienced native plant breeders, Peter and Jennifer Ollerenshaw of Bywong Nursery, were then asked to develop the new hybrid. Its parents are *Correa* ‘Federation Belle’ and *Correa* ‘Mannii’.

Correa ‘Canberra Bells’ is an attractive, hardy shrub, which features two-tone red and cream bell-shaped flowers that will attract nectar-feeding birds. It flowers throughout autumn and will thus add a flourish of colour to gardens for Canberra’s birthday, which is celebrated in March each year.

A Garden by the Sea

Leigh Murray is a regular contributor and a friend of South East NSW Group. She has a house at Tuross Head, which is between Moruya and Narooma on the south coast of NSW.

Our garden at Tuross Head is less than a kilometre from the ocean, near the top of a ridge, sloping down towards the north-east. The northern section is dominated by two large Norfolk Island Pines, which shade a third of the area. The eastern strip gets only morning sun, the southern section is in full sun, and the entire garden is frequently buffeted by strong to gale-force winds, sometimes salt-laden. The soil is granite-based, and the climate is mild, with no frosts and few very hot days. Rainfall tends to come in big downpours interspersed with months of dryness – conditions that favour root fungus problems. Garden maintenance at this holiday house is sporadic. The main aims of the garden are to provide privacy screening and to attract wildlife, and these it does surprisingly well.

The southern garden has three areas: a massed planting area, a two-metre wide bed between two driveways, and a narrow bed between the drive and the boundary. The massed planting area is protected from much of the wind by large shrubs and the house. *Grevillea* 'Coastal Glow' and *Eucalyptus leucoxylon* ssp *megalocarpa* are a magnet to honeyeaters, which also relish *G. shiressii* and *G.* 'Forest Rambler'. Dense *Leptospermum flavescens* and *Acacia covenyi* provide shelter. The two-metre wide bed is filled by a *Chamelaucium uncinatum*, *Grevillea* 'Boongala Spinebill', *Thryptomene saxicola*, a large *Leptospermum* (species unknown) and a *Eucalyptus lansdowneana*



A section of the southern garden massed planting area showing a mass of *Grevillea* 'Coastal Glow' plus *Lomandra longifolia*, *Anigozanthos flavidus* and several eucalypts.

Photo: Leigh Murray



Part of Leigh's garden showing a bank of flowering *Melaleuca nesophila* on the right, as well as *Banksia integrifolia* and, on the left, *Grevillea arenaria*. Photo: David Bennett



Melaleuca fulgens 'Hot Pink' Photo: Leigh Murray

(which recovered after losing its top few metres in a mini tornado). All except the *Chamaelucium* are doing well (it has some dieback). Also doing well is *Grevillea* 'Poorinda Royal Mantle' between the concrete drivestrips; its flowers are very popular with honeyeaters and rosellas. In the narrow bed to the west of the drive, where sand was stored during house construction, *Grevillea* 'Poorinda Jennifer Joy' and *Grevillea* 'Collaroy Plateau' are the basis of the bed. They've done passably well in the sandy mix, but have become woody because they weren't pruned enough. Originally there were also four trees, healthy though spindly for about ten years, but recently two of three *Eucalyptus caesia* ssp. *magna* died (the other is just hanging on), and the *E. albopurpurea* has suffered dieback.

Our eastern boundary is a difficult area: shady, in a wind tunnel, steeply sloping and usually dry but deluged by stormwater from the roadway during downpours. The stormwater drains away quickly, yet after many big rain events, one or two apparently healthy shrubs or trees suddenly die. Plants that are doing well here include *Melaleuca nesophila*, *Banksia integrifolia* and *Hakea elliptica* (all three contribute to an excellent tall screen). *Pandorea pandorana* 'Snow Bells', *P. jasminoides* 'Lady Di', *Hibbertia scandens*, *Cissus antarctica*, *Correa glabra* and *C. baeuerlenii* are also good performers. Plants that suffer some die-off of branches include *Acacia implexa* and *A. pycnantha*; both do better elsewhere. Sudden deaths have included *Hardenbergia violacea* 'Alba', *Templetonia retusa* and *Einadia nutans*; all of which are doing OK in other parts of the garden.

In our northern garden, dense shrubbery is kept below about three metres to avoid blocking the ocean view. *Grevillea arenaria*, G. 'Red Hooks', G.

'Honey Gem', *G. endlicheriana*, *Darwinia citriodora*, *Lomandra longifolia*, *Anigozanthos flavidus*, *Callistemon citrinus*, *Calothamnus quadrifidus*, *Eucalyptus conferruminata*, *E. tetraptera* and *E. macrandra* thrive, as did *Westringia* 'Wynyabbie Gem' until a borer killed several plants and weakened others – with only perfunctory pruning, the shrubs had become woody. Growing amongst large granite boulders are *Banksia ericifolia*, *B. integrifolia* (kept low and bushy here), *B. baueri*, *Eustrephus latifolius*, *Hakea petiolaris* and *Melaleuca fulgens* 'Hot Pink'. Originally three *Eucalyptus caesia* ssp. *magna* looked beautiful in this area, but two died (from deluge or drought) and the third no longer looks healthy. Two gorgeous *Hakea multilineata* dropped dead after rain. Indigenous plants pop up, especially when grassy weeds such as kikuyu and couch are controlled, including *Kennedia rubicunda*, *Hardenbergia violacea*, *Dianella* sp., *Glycine* sp., *Acacia sophorae* and *Banksia integrifolia*.

The area under the Norfolk Island Pines is tricky: dry and shady. Here too, the odd plant dies suddenly after heavy rain, although the ground never seems very moist. In the shadier parts *Allocasuarina verticillata*, *Hibbertia scandens*, *H. aspera*, *Grevillea* 'Coastal Glow', *Eucalyptus platypus*, *Einadia nutans*, *Prostanthera incisa*, *Correa baeuerlenii* and *C. reflexa* do reasonably well. In sunnier areas the strongest plants include *Melaleuca elliptica*, *M. huegelii*, *M. lateritia*, *Hardenbergia*



Part of the northern garden showing (from right to left) *Banksia integrifolia*, *Kunzea parvifolia*, *Clematis aristata* on the fence, and *Acacia sophorae*, all sized to block the road but not the view. Photo: Leigh Murray



Part of the northern nature strip garden.

Photo: Leigh Murray

comptoniana, *Kunzea baxteri*, *Hakea sericea*, *Acacia rubida*, *A. pycnantha*, *Angophora hispida* and *Grevillea* 'Ruby Clusters'.

The western boundary is sheltered from salty winds by the pines and the house. *Banksia marginata*, *Acacia implexa* and *A. covenyi* thrive here, as do *Clematis aristata* and *Grevillea arenaria*, and growing slowly but steadily are *Syzygium smithii*, *Syzygium luehmannii*, *S. wilsonii* and *Elaeocarpus reticulatus*.

The garden extends on to both nature strips: a small one to the south and a large area to our north where the dominant plants are *Lomandra longifolia*, *Grevillea arenaria*, several forms of *Callistemon*, and *Carpobrotus glaucescens* as groundcover (Bush Rats ate early plantings, but now it covers a large area, spilling over a cliff edge). Two *Rhagodia spinescens*, labelled groundcovers, grew over two metres high; they've been trimmed into rounded mounds.

Cissus antarctica and *Howea forsteriana* do well as indoor pot plants, as did a *Grevillea robusta* until we were unexpectedly away for two months – it died from lack of water; the other two eventually revived (amazing us). *Livistona australis* is one of few pot plants that grow in the rather dim light of our covered carport/entry area.

A garden in a windy spot needs regular maintenance. Trees, especially, need pruning while young to thin out foliage until their trunks strengthen.

Frequent tip pruning helps plants cope with drying winds and drought, and with pests such as scale and mites. It also increases flowering. For sporadic gardeners, climbers are not ideal because they need regular control – ours do not look their best. Also not ideal is a pond in a high wind area with drought and water restrictions. Our planned pond morphed into a wide pit filled with shredded foliage, worms and insects. It is popular with Bush Rats and Blue-tongue and Jacky Lizards. Small ponds (50 litre crates) dot the garden, and here Marsh Frogs and Peron's Tree Frogs call and breed. Red and Little Wattlebirds, Welcome Swallows, Bush Rats and Ringtail Possums nest in our garden, and Satin Bowerbirds have built bowers to entertain in. We love our private, bushy garden, and get great joy from the wildlife that shares it with us.



Close-up of flowers on
Eucalyptus leucoxylon
Photo: David Bennett

Celebrate 50 years of Sutherland APS Group

Sutherland Group will be celebrating our 50th anniversary in 2013.

APS NSW members are invited to join us on

Sunday 28 April 2013

for afternoon tea.

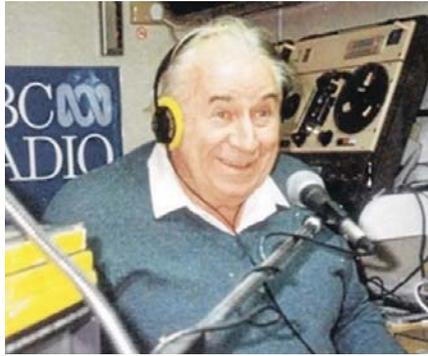
Contact Secretary Rhonda Daniels for details on
(02) 9521 8381 or rhodaniels@bigpond.com or visit

sutherland.austplants.com.au

Vale Jim Webb

This tribute was written by John Aitken, President of APS NSW with help from Jim's family.

Sadly, Jim Webb, a Life Member of APS NSW, a member of the former Wagga Wagga District Group, and a former gardening talkback host on ABC Riverina Radio, passed away on 2 July 2012, aged 86 years.



www.dailyadvertiser.com.au

On behalf of APS NSW, I extend our condolences to Jim's family and friends.

Jim had a great passion for native plants and always enjoyed examining the flora around him, with his mandatory secateurs and paper bags in hand. His daughter Wendy recalls that on family outings 'it was the children's job to collect specimens for scrutiny'. Jim was constantly identifying, noting locations and collecting plant specimens and seeds. Consequently he discovered some new varieties of Australian plants.

Jim had a long and varied career which enabled him to pursue his passion for Australian native plants at a professional level. In the early 1960s, whilst working in Broken Hill, Jim established the Broken Hill District Group of the Society for Growing Australian Plants (SGAP) as the Australian Plants Society was then known. When Jim and his family moved back to Canberra, he joined the Canberra Group of SGAP where he was President and Vice President for a number of years.

When Jim moved to Wagga Wagga, he joined the local group of SGAP, where he was actively involved as Plant Identification Officer. In 2002 Jim was awarded Life Membership, the highest accolade that APS NSW can bestow on a member, in recognition of his enormous contribution in supporting the objectives of the Society. In support of his Life Membership, the Wagga Wagga Group stated, 'Jim's direction over the years has been such that, without his inspiration and leadership, we feel that the Wagga branch would not have survived'. I am sure that Jim would have been greatly saddened by the closure of the Wagga Group in 2008 due to declining membership.

For many years Jim hosted weekly radio talkback gardening programs, in which he gave authoritative advice on the growing of Australian plants. In recognition of his remarkable contribution to horticulture in Australia, Jim was made a Fellow of the Australian Institute of Horticulture.

The Valette Williams Scholarship in Botany, 2013

Wendy Grimm, North Shore Group, Scholarship Convenor

North Shore Group is seeking applications for Round Five of its Research Scholarship in Botany. Our Scholarship honours the memory of the late Valette Williams, an esteemed APS North Shore Group member and APS NSW President and student of botany and conservation. Details were distributed in November 2012 to academic and research office staff in schools of biological sciences at universities in the Sydney region and also to scientific staff from NPWS and the Royal Botanic Gardens and Domain Park Trust who are known to supervise research students from other institutions. University staff and others, as noted, have been instrumental in widely promoting our Scholarship to prospective students.

Our inaugural Scholarship was awarded in 2009 and it is currently worth \$2,000. Conditions apply but the first criterion is that the research will contribute to the knowledge, conservation or propagation of native plants in the Sydney or surrounding regions. The feedback we have is that our modest contribution is significant to the achievement of worthwhile results as is indicated by the number of applications from diverse universities.

Our current Scholarship holders are Diane Warman, an honours student at the Central Coast campus of Newcastle University studying factors influencing population structure of *Grevillea shiressii*, and Berin Mackenzie, undertaking PhD studies at UNSW and investigating factors influencing germination of *Boronia*. They will report their results to the North Shore Group during 2013.

Applications for Round Five close on **8 March 2013** and assessment and selection for the Scholarship will be completed by the Award Committee by 12 April 2013. The NSG website has full details of the Scholarship conditions at:

www.blandfordia.org.au/Scholarship.html



Berin Mackenzie (2012 scholarship holder) at work in Tarawi Nature Reserve, far western NSW



ANPSA 2013

August 10 – 16, 2013

The members of SGAP Queensland region invite you to attend the ANPSA 2013 Conference at Alexandra Park on Queensland's Sunshine Coast. The theme is 'Diversity is in our Nature' - the seminar will introduce you to 'diverse' people, 'diverse' plants and 'diverse' places of the Sunshine State. Experience the five 'diverse' pre and post conference tours:

Bunya Mountains & Darling Downs

TOUR A: August 4 – 9 Bunya Pines, Bottle Trees & Grass Trees, Bunya Mtns, Kingaroy, Toowoomba, Cunningham's Gap. Coach & motel accommodation.

Mangroves to Mountains

TOUR B: August 4 - 9

Transect from Tamborine Mountain across the coastal lowlands & Moreton Bay to North Stradbroke Island. Coach & motel accommodation.

Sandstone & Brigalow

TOUR C: August 4 – 9

Adventure tour Central Q coast & highlands ; Rockhampton, Blackdown Tableland, Cania Gorge, Tondoon Botanic Gardens, Gladstone. Coach & camping in tents.

Scenic Rim & Beyond

TOUR D: August 17 - 22

Explore the border ranges, Binna Burra, Killarney, Warwick, Moogerah Peaks, Rosewood Scrub and Brisbane Valley. Coach & motel accommodation.

Rainforest meets the Barrier Reef

TOUR E: August 17 - 22

Central Qld Coast, Mackay Botanic Gardens, Eungella, Cape Hillsborough, Whitsunday Islands & Whitehaven Beach. Coach & motel accommodation.

For more information contact:

www.sgapqld.org.au <http://anpsa.org.au> anpsa2013@sgapqld.org.au

APS Out and About

This is a new feature in *Native Plants for NSW*. The intention is to display a group activity from anywhere in the state with a photo and a brief paragraph of explanation. I'd like to feature as many different groups as possible in coming issues – all you have to do is send a photo with a brief description and there's a good chance your group could feature. This time it is North Shore Group, which visited Agnes Banks Nature Reserve last November.



The Agnes Banks trip had unexpected bonuses for the North Shore Group. Some fascinating plants along the track included *Caleana major*, *Persoonia nutans*, *Gompholobium minus*, *Conospermum taxifolium*, *Stylidium graminifolium*, *Cymbidium suave* and *Trachymene incisa*. An encounter with bird enthusiasts from the Bankstown area was followed by an exchange with NPWS staff doing mammal surveys, who were interested to hear about the three frog species we had observed. To top it off the group found the rare *Micromyrtus minutiflora*. Val Williams Scholarship holder, Tanya Bangel, had described and discussed its distribution and growth peculiarities at our previous Friday night meeting. Photo: Sue Fredrickson



Australian Native Plants Society (Australia)

Visit ANPSA on the web at <http://anpsa.org.au>

Cultivation and propagation information, extensive photo gallery, ANPSA events, online magazine and much more.

District Group directory

District Groups are located in many areas throughout New South Wales and range in size from fewer than 20 to over 100 members. Group members are able to take part in many activities including bushwalks, bush regeneration and conservation projects. Regular meetings enable members to keep in touch with people of similar interests and to hear expert guest speakers. Contact the Secretary of a specific group for further information.

Armidale and District

President: Maria Hitchcock ☎ (02) 6775 1139
Email: maria.hitchcock@gmail.com
Secretary: Dr Barry Tolchard ☎ (02) 6772 7512
71 Lynland Drive, Armidale NSW 2350
Email: secretary@anps-armidale.org.au
Meetings: Native Plant Forum, TAFE Library Seminar Room, Beardy Street, Armidale
3rd Tuesday of the month at 7.30 pm (excluding December, January, June, July).

Blue Mountains

President: Jim Ward ☎ (02) 4735 1965
Co-Secs: Alix Goodwin ☎ (02) 4739 1571
Jane Toxward ☎ (02) 4739 1905
PO Box 23, Glenbrook NSW 2773
Website: www.apsbluemtnsgroup.org
Meetings: Native Plant Reserve, Great Western Hwy, Glenbrook
1st Friday of the month at 8 pm (Sep-May) and
1st Sunday of the month at 10 am (Jun-Aug).
No meeting when there is an outing in the month.

Central Coast

President: John Andrews ☎ (02) 9985 9073
Secretary: Liz Hoese ☎ (02) 4339 1274
Email: elizabeth44@optusnet.com.au
Meetings: Phillip House
21 Old Mount Penang Road, Kariong
2nd Friday of the month (excl. Jan, Dec) at 7.30 pm.

Central West

President: Gillian Baldwin ☎ (02) 6332 1583
Secretary: Lyn Burgett ☎ (02) 6331 9170
Email: burgett@bth.catholic.edu.au
Meetings: Monthly at alternating centres.
Contact the secretary for details.

Coffs Harbour

President: Gwyn Clarke
Email: gcl.38500@bigpond.com
Secretary: Wayne Jeffery ☎ (02) 6655 1610
72 Scotchman Rd, Bellingen NSW 2454
Email: jefferyunited@bigpond.com
Meetings: Coffs Harbour Botanic Gardens
Display Room normally on the 2nd Wednesday
of alternate months at 7.30 pm (excluding Jan).
Website: www.coffs.australianplants.info

East Hills

President: Graham Walters ☎ (02) 9534 3039
Secretary: Kathy Manning ☎ (02) 9792 4552
20 Broe Ave, East Hills NSW 2213
Email: kathymanning@optusnet.com.au
Meetings: Peakhurst South Primary School
Library, Monterra Ave, Peakhurst.
1st Wednesday of each month at 7.30 pm
(excluding January).

Hawkesbury

Contact Rick Jamieson ☎ (02) 4572 1321
Meetings: Council Nursery, McGraths Hill.
2nd Thursday of the month.

Hunter Valley

President: Ross Carlton ☎ (02) 4988 6026
Secretary: Kevin Mantle ☎ (02) 4937 3200
29 Wallaroo Road, Seaham NSW 2324
Meetings: The Polish Hall, Cnr Grant & Old
Rose Sts, Maitland
3rd Wednesday of the month (Feb-Nov) at 7.45 pm.

Macarthur

President: Shirley Henderson ☎ 0447 234 373
Secretary: Rod Bray ☎ (02) 4647
9928
147 Holdsworth Drive, Mt Annan NSW 2567
Email: yarbdor@westnet.com.au
Meetings: Birriwa Community Hall, Fitzpatrick St
Mount Annan NSW 2567. 3rd Wednesday of
the month at 7.30 pm (Feb-Nov).

Menai

President: Jason Cockayne ☎ 9570 8559
Secretary: Annette Tuckfield ☎ 9543 1490
Email: menaiwildflower@austplants.com.au
PO Box 3104, Bangor NSW 2234
Meetings: Illawong Rural Fire Service.
2nd Wednesday of the month at 7.30 pm
(excluding January).

Continued page 28

Membership application and renewal form

Those members associated with a Group should renew directly with their Group Office Bearer.

Please print clearly and include all person/s covered by this membership.

Date: _____ Application Renewal

Surname/s: _____

Given name/s: _____

Address: _____

Postcode: _____

If renewing, is this a change of address? Yes No

If Yes, previous Postcode: _____

Telephone (____) _____ Business (____) _____

Fax (____) _____

Email _____

Renewing members: We/I belong to a District Group Yes No

Group Name: _____

We/I belong to the following Study Group/s:

New members:

Age: Under 16 17-21 22-39 40-59 60-79 80+

Interests/Skills: _____

Are you able to volunteer assistance in the Society's activities in an area convenient to you? Yes No

Gift membership: If you wish to give a subscription to a family member or friend, use this form or write out the full particulars. Include any personal card you wish to accompany the new member's pack.

District Group directory continued

Newcastle

President: Leanne Pattinson ☎ (02) 4977 2773
Email: president.aps.newcastle@gmail.com
Secretary: Maree McCarthy
Email secretary.aps.newcastle@gmail.com
Meetings: The Wetlands Centre, Sandgate Rd, Shortland
1st Wednesday of the month at 7.30 pm
(excluding January).

Northern Beaches

President: David Drage ☎ (02) 9949 5179
Joint Secretaries:
Jan Krone ☎ (02) 9451 9609
Julia Tomkinson ☎ (02) 9949 5179
Meetings: Stony Range Botanic Garden, Dee Why. 1st Thursday of the month at 7.30 pm
(February-November).

North Shore

President: Barry Lees ☎ (02) 9653 3691
Email: barylees@netspace.net.au
Secretary: Wendy Grimm ☎ (02) 9144 5600
PO Box 344, St Ives NSW 2075
Email: secretary@blandfordia.org.au
Meetings: Willow Park Community Centre, 25 Edgeworth David Ave, Hornsby.
2nd Friday of the month at 8 pm (Feb-Nov).
Website: www.blandfordia.org.au

Nowra

President: Lesley McKinnon ☎ (02) 4443 4004
Secretary: Gwen Smith ☎ (02) 4443 3497
PO Box 140, Sanctuary Point NSW 2540
Meetings: Nowra Town Band Hall, 174 Kinghorne St, Nowra. 2nd Thursday of the month (Feb-Nov) at 7.30 pm sharp.
Business meeting 6.30 pm.

Parramatta and Hills District

President: Tony Maxwell ☎ (02) 9651 6682
Secretary: vacant
Meetings: Bi-monthly meetings 4th Friday of April, June, August, September and November at 8 pm Barton Hall, Hopetoun Village, Anglican Retirement Villages, David Road, Castle Hill.
Website: www.apsparrahills.org.au

South East Region

President: vacant
Secretary: Mog Bremner ☎ 0401 968 899
Email: mogbremner@mogajon.com.au
Meetings: Alternating locations, contact President or Secretary. 1st Saturday of odd numbered months. Field trips and other functions at other times.

Southern Highlands

President: Wendy Johnston ☎ (02) 4883 6376
Secretary: Jane Pye ☎ (02) 4862 3750
Email: iandjpye@gmail.com
Meetings: CWA Room, next to council building in Elizabeth St, Moss Vale. Bimonthly at 2 pm on the 1st Thursday of February, April, June, August and November.

Southern Tablelands

President: Bob Galland ☎ 0407 248 154
Email: rcgalland1@bigpond.com
Secretary: Gudrun Delbridge ☎ 0417 651 811
Email: gudrun.delbridge@gmail.com
Meetings: Alternating locations. 1st Friday of February, May, August and December.

Sutherland

President: vacant
Secretary: Rhonda Daniels ☎ (02) 9521 8381
Email: rhdaniels@bigpond.com
Meetings: Gymea Community Centre, Gymea Bay Rd, Gymea. 3rd Wednesday of the month at 8 pm (February-November).
Website: <http://sutherland.austplants.com.au/>

Tamworth

President: Greg Carr ☎ (02) 6760 8331
Email: carrg379@gmail.com
Secretary: Lee Esdaile ☎ (02) 6760 8525
PO Box 1193, Tamworth NSW 2340
Email: pjltesdaile@gmail.com
Meetings: Botanic Garden Meeting Room. 7.30 pm on 4th Friday of some months, outings and field trips at other times – contact the President or Secretary. No meeting in January or December.

Living National Treasure – Hazel Althofer

This article appeared in the July 2012 edition of *Brigge*, the newsletter of the Friends of Burrendong Arboretum. It was written by Marion Jarratt, who is the Vice Chairman of the Friends of Burrendong Arboretum.

We hear a lot about National Treasures. They appear to be animal, vegetable or mineral and can be alive or dead – or, always there (hopefully) for example the Great Barrier Reef. I am interested in the live animal ones and I understand that Bob Hawke, Dawn Frazer and Germaine Greer are just a few of what seems to be a long list of Living National Treasures. Well, I have one to add to that list and that is Hazel Althofer.



Hazel Althofer in 2011

Hazel is the Burrendong Arboretum's very own National Treasure and, with that in mind, I set off to the Arboretum the other day – a cold, wintry day with a lazy wind that whipped right through you – to interview her. She was, of course, busy propagating! She had arrived before 8 am and would not leave till 7pm after the Friends' Executive Meeting and she was driving herself! And Hazel is nearly 92. I am sure that leaves a lot of us feeling envious, inadequate or just plain exhausted.

Hazel was born on 19th December 1920, one of a family of six – four sisters and two brothers. Her parents owned and ran Oxley Park at Wuuluman, just 12 miles east of Wellington. She started school at Wuuluman at the age of four (to help the numbers) and at five was sent to school in Wellington, boarding with a retired school teacher and his family. She left at the age of 15 without doing the Intermediate Certificate due to sickness (possibly the only time Hazel has ever been sick!) and started a dressmaking course which she was to finish in Sydney where she lived with her sisters for the next 18 months. In retrospect Hazel admits that the course was possibly a waste of time and she was certainly happy to come back to Wellington at the ripe old age of seventeen and become involved in community activities.

She remembers being Cub Master for 20 lively young lads and long walks up Mt Arthur with no first aid kit, water bottles or mobile phone!

It was miraculous that they all survived – not just once but many times. Of course it was not long before the strikingly attractive young woman gathered followers. The favoured one was a good looking cricketer from Dripstone, Peter Althofer, and Hazel remembers courting days with amusement. She had no particular interest in plants or flora but Peter and his older brother, George, were passionate amateur botanists. Romantic walks with Peter often turned into searches for ground orchids. It did not take Hazel long to learn that these were very small [often only a single stem] and hard to find! But love conquers and she accepted it was a case of ‘love me, love my plants’ with Peter. But she does have a word of warning for young people, ‘young people should be wary of what they are getting into when they marry!’

In 1939 when Hazel was just nineteen she and Peter were married and went to live at ‘Glenora’, a small property near Dripstone. Peter helped with the family orchard, picking and packing fruit but George was not interested in orchards and eventually the place was turned over to sheep and George turned his attention to his native plant nursery, ‘Nindethana’, which he had started in the 1930’s.

For the next twenty years Hazel was kept busy – raising a family of three, helping Peter with the property and looking for ground orchids!

Hazel really only started life as a propagator in the early 1960’s when it seemed likely that George’s dream of an Arboretum near Wellington would come true. It was then that she started raising plants (mainly from seed) at Glenora. There were no propagating facilities – only an old meat room for seed raising and nowhere for the young plants to go until Peter built a primitive nursery with mesh walls and a tin roof where plants could be stored once they were pricked out. At first Hazel used pots from George’s nursery but they soon ran out and son, David, who worked in the Wellington cinema collected the drink cans thrown out by patrons and cut the tops and bottoms off. But this supply could not keep pace with Hazel’s productivity. An ingenious method to boost pot numbers came with the use of rolls of veneer which were soaked, rolled into a tube and fastened with rubber bands. Rita and Dorothy, Hazel’s sisters, helped roll and fasten. Gradually the quality of the veneer declined but by then there was enough money to purchase pots.

Soil was collected by the shovel and trailer load from near Wongarboon on the way to Dubbo. When it was unloaded Hazel would prepare a nice, even pine mulch by flinging buckets of the unsieved material against an old wire netting shearer’s bed turned on its side and then shovelling it into the soil and mixing it.

Planting started at the Arboretum in 1965, although the Soil Conservation Service had undertaken some tree plantings before then. The fire that went along the southern boundary of the Arboretum that year destroyed some of these plantings but left most of the Arboretum and its new plantings unscathed.

Volunteers helped with the planting and aftercare. Betty McKeown is legendary for her work with the water cart. A 44 gallon drum was tied on the back of a trailer and drawn by a tractor (both lent by the manager of the State Recreation Area). Betty would park as close to the dam as she could and then, using a plastic bucket, fill the drum, drive to a group of waiting 'waterers', fill their buckets then speed off to repeat the operation.

With planting came the need to provide some kind of protection from rabbits. No easily available plastic guards in those days! Farmers would drop off their plastic seed and super bags. Hazel would cut the bottoms off and halve. Meanwhile Peter would stretch No 10 fencing wire between 2 gateposts, halve and bend in to U's, ideal for keeping the bags taut – but time consuming. On planting days Hazel would be in charge of plants, bags and wires; and sometimes up to a thousand tubestock would be planted in one day!

In the late 1970's the government supplied money for a shed, nursery and cottage and a glasshouse was donated by a local nurseryman. Peter and Hazel and 6,000 young plants moved in and Hazel became a full time propagator. These were good years. Visitors had been coming since the inception of the Arboretum but now native flora was becoming the new fashion and a great interest for plant enthusiasts. Friends of George and Peter arrived from all over Australia and there was a constant stream of members from the Society for Growing Native Plants. The latter would come in family groups and camp at the Sport and Rec or Lake Burrendong at weekends or in their holidays and help with planting. On one occasion 2,000 plants were put in, in one day – although all the holes had been dug previously! Weeding, watering and aftercare were left to



Hazel in 2012 in front of a 'Boab' she planted in 1940.

Peter, Hazel and Ron Crafter. George spent much of his time at the Arboretum, when he was not absent on collecting trips which took him all over the Australian outback and kept up a steady supply of seeds and cuttings.

The 90's were mixed years for the Arboretum. On the plus side management passed to a specially designated semi-autonomous Trust and the Arboretum was no longer a side kick of the Burrendong State Recreation Area Trust or at the mercy of the National Parks and Wildlife Service. On the minus side we lost both Peter (in 1991) and George (in 1993) and I don't think the Arboretum has ever been the same since.

I asked Hazel which is her favourite spot in the Arboretum. She confessed to a soft spot for the Prostantheras and she loves the Dryandras but really there are no favourite places or plants.

While many of the old supporters have died and we have lost the dedication and passion of Peter and George, Hazel remains our link with the past and our inspiration for the future. She has propagated more than a quarter of a million plants for the Arboretum and has always been a voluntary worker. She has hardly ever had a 'sickie' or a holiday. And she still comes out for three or four full days a week to propagate and weed and keep an eye on her beloved Arboretum. I find such commitment awe inspiring and I hope that those of us who are currently involved in the Arboretum, and future generations, will always be mindful of the huge debt we owe the Althofers. The Arboretum will not ever be the same when Hazel goes.

And what is ahead for the Arboretum? She feels the future is not clear and she often feels upset and uptight about what may (or may not)



Hazel in 1994 on the job at the Arboretum

happen. Money is so important and so hard to come by. She knows we need more staff – and more volunteers – to carry on the legacy that she, George and Peter are leaving us. She also feels that too much effort, too much money, too much love, has been put into the Arboretum to lose it.

Perhaps, people and governments will come to realise the importance of our beautifully adapted flora and its ability to cope with its environment and will recognise the value of the Arboretum as a conservation area and an education centre. Let us hope that realisation comes in time for the Arboretum Trust to carry on adequately with the vision we have been left by the Althofers.

APS NSW Seed Bank

An updated list was published in the April 2012 issue of *Native Plants for NSW*. This list can also be found on the APS NSW website at www.austplants.com.au by selecting **Seed Bank** in the **Resources** pane on the Home page.



Requests for seed can be sent by mail to:

John Randall
8 Coachmans Place,
Mardi NSW 2259

Please enclose a stamped (\$1.20) self-addressed envelope (110 x 220 mm) for return of the seeds. There is a limit of six seed packets per request. Inquiries can be made to John at johnannette@dodo.com.au or by telephone on (02) 4353 9390.

There have been no recent donations to the seed bank. Summer is prime time for seed collection from many native species. Please consider collecting some seed to share with other members of APS. If you are already collecting seed for yourself or a friend or a revegetation project, consider collecting a little more and making a donation to the seed bank. Seed donations are always welcome and are vital if the seed bank is to remain viable. Please state the source of the seed, whether from natural or cultivated material. Please do not send seed from hybrid plants.

Deletions: *Banksia marginata*, *Billardiera erubescens*, *Callistemon comboynensis*, *Dodonaea viscosa*, *Eucalyptus pauciflora*, *Lomatia myricoides* and *Melaleuca nodosa*.

Additions: none.

Open Gardens Australia – Native Gardens

Maria Hitchcock, APS NSW Open Gardens Representative

There are many passionate gardeners out there who love nothing better than showing off their green thumbs to all and sundry. The gardens range from large to small, country to suburban, purist native to a bit of everything. The following gardens will be open to the public.

All gardens are open 10 am – 4.30 pm (unless noted) and entry is \$7.

February 16-17

Jones' Garden

35 Harris St, Paddington

Small creatively terraced garden with tree ferns and palms to create a shady oasis. Steps and ponds, Hawkesbury sandstone paving.

February 23-24

Waterfall Cottage

387 Stennetts Rd, Comboyne

(Take Oxley Hwy west for 14 km from Wauchope. Left into Byabarra/Comboyne Rd. Travel for 20.5 km. Right into Stennetts Rd. Garden is 1 km further on right.) Mixed garden on a terraced hillside. Water feature, impressive views.

April 27-28

Silky Oaks (Peter Olde's Grevillea Garden)

140 Russell Lane, Oakdale

(From Camden take Argyle St then Cawdor Rd. After 2 km turn right into Burraborang Rd and travel to The Oaks, continue further 2.5 km then left into Binnalong Rd. After 3 km turn into Russell Lane.)

Extensive collection of Grevillea cultivars and grafted standards in a stunning garden. Many rare plants, rainforest, fernery.

May 4-5

The Idyll

18 Lumeah Ave, Elanora Heights

Sustainability talks and tours.

Food production garden combining beauty with practicality. Native species planted to improve native bee pollination. Aquaculture ponds.

May 18-19

McFadyen's Garden

25 Astrolabe Rd, Daceyville

Small award-winning cottage garden using Australian plants and cleverly integrated recycled materials. Well-designed back garden with pond, sunny raised rockery, succulents and cubby house.

City Escape

4 Wilson St, Botany

Award-winning contemporary garden featuring innovative use of Australian plants shaped and clipped. Native grasses, Gynea lilies, Kangaroo paws, Lomandras. Tree house.

For further details, check the website www.opengarden.org.au or the Open Gardens booklet, available at many newsagents.

APS NSW 2013 Annual Get-Together

Hosted by Armidale & District Group

Saturday & Sunday 12 & 13 October 2013

Gardens and National Parks in the Armidale district

Register your expression of interest today!

You will be put on an email/ mailing list for regular bulletins.

Name:

Postal address:

.....

Phone: Mob:

Email:

District Group:



Program

Friday afternoon

For those arriving early, pick and choose from:

Free tours of the UNE Herbarium, Armidale Arboretum, Tree Group and Black Gully, Creeklands revegetation, Wineries visits, Galleries visits, National Park visits.

Saturday 12 October

Hitchcock garden – National Correa Collection, Waratah collection, morning tea, plant sales

Nevin garden – Phebalium collection, lunch, plant sales

Dangars Falls (Oxley Wild Rivers National Park) – guided walks, champagne and nibbles (bus available)

McCrossins Mill, Uralla – dinner with Thunderbolt the bushranger (bus available)

Sunday 13 October

Sheather garden – huge plantings of New England flora

Registration Secretary: Maria Hitchcock (02) 6775 1139

Mail form to: 16 Hitchcock Lane, Armidale NSW 2350

Email form to: maria.hitchcock@gmail.com

APS NSW Website update

New content and how to use the on-line forum

Mark Abell, APS NSW Publicity Officer and Web Master

The APS NSW website at www.austplants.com.au is always expanding with new information to share. A new section has been added to the website – ‘From Our Cold Climate Garden’– featuring an assorted collection of articles from regular *Native Plants for NSW* contributors Warren and Gloria Sheather. The first few of these are already on line.

The extensive set of ‘Plant Profiles’ that Jeff Howes has provided for the website (and also featured in this journal) are now getting greater prominence. A different plant profile will be featured each month on the front page of the website. The full set of plant profiles is available for registered users in the ‘User Menu’.

Don’t forget that the various District Group newsletters are available for reading on the website. You need to be logged in to access these. (See the last issue of *Native Plants* for details on registering and logging in to the website.) For those who do not want to register and would just like to read the articles and newsletters, you can log in using a shared user name which for 2013 is: **member2013**, with a password of **telopea13**.

As well as being able to read the various articles, newsletters and forum postings on the website, you can also use the forum to interact with other members. You can post photos, share information and tips, ask questions, get plants identified, announce upcoming events, and so on. Currently the forum includes postings of photos and details about *Eucalyptus pumilla*, notes on myrtle rust, questions about dry gardens, plant identification, photography tips, newsletters and more.

Here’s how to get started.

How to read posts on the forum

Log in as either a registered user (see previous issue of *Native Plants*) or as a shared user (see above for 2013 details). We prefer members who intend to post on the forum to register and hence be identified. You then click on the ‘Discussion Forum’ menu item (left side under ‘Main Menu’).

Some posts will be on screen, many others can be accessed from tabs and pull-down menus.



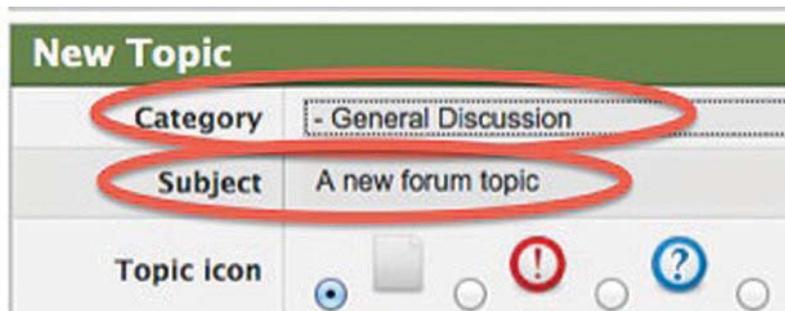
How to post on the forum

To post on the forum you need to be logged into the website (as registered user), again click on the 'Discussion Forum' menu item. Starting new posts is a matter of clicking on 'New Topic' at the top of the forum area.

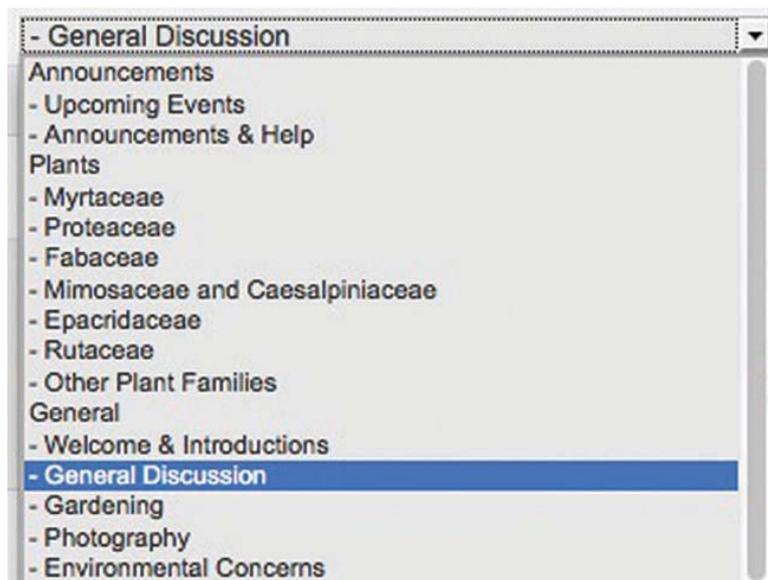
You then get an area to use to add the message that you want to post.



The topic will need a 'Category' assigned (pick the most appropriate from the list as this helps to keep the posts better organised) and include



a message 'Subject' in addition to the main message.



Photos can be added to posts by using the 'Attachments' section.

1. Click on [Add File] to select the photo.
2. Use [Insert] to insert the attachment into the post.
3. Use [Submit] to add it all into the post.

Images are rescaled on upload to a maximum size of 800 x 800 pixels. Maximum file size to upload is 4MB.

How to reply or comment to an existing post on the forum

To reply to an existing forum post, you click on either 'Reply' or 'Reply Topic' at the bottom of the post.



This will bring up an edit window where you can type in your reply. Basic formatting (bold, italics, etc) can be done by highlighting the text and clicking on the appropriate icon in the 'Boardcode' section above the message area.

Don't be afraid to give the forum a try. Don't be too worried about making mistakes as they can be easily fixed, so just give it a go.

APS NSW Board jottings

John Aitken, President APS NSW

A summary of major decisions made by the Board.

8 October 2012.

- The updated membership report showed that at 30 September we had 842 memberships with 212 still due for renewal. We have 30 new memberships in the last quarter.
- Due to the shortage of storage space in the office, it has been decided to store electronic copies of relevant articles from other societies, groups and organisations that can be used for *Native Plants for NSW* and *Australian Plants*.
- Subscription rates for *Australian Plants* will be increased as from 1 January 2013 by \$1 to \$25 for Australian subscribers and by \$2 to \$38 per year for overseas subscribers.
- A donation of \$400 is to be sent to Armidale and District Group to assist the Group with the organisation of the Annual Get-together at Armidale from 12 – 13 October 2013.
- Rhonda Daniels' nomination to become a director of the Board was accepted. Rhonda is the Sutherland Group's delegate.
- Illawarra Group informed the Board that it has ceased to operate. This is due to low meeting numbers and the average age of members now 70+ years. Merle Thompson will contact the members of the group and advise them of other groups that they can join. Graeme Ingall will let the group know what they need to do to close down as an entity of APS NSW Ltd.
- Tamworth Group reported that it had finished the majority of the infrastructure at the threatened species site at the Tamworth Botanic Garden and that it was now in a position to get on with collecting and propagating plants.
- \$150 is to be donated to the 2013 Royal Easter Show for prize money for the following categories – \$50 for school entries, \$50 for native blooms and \$50 for native plants.



Cover Photos: The true alpine area of NSW is very small. Several APS groups make annual summer 'pilgrimages' to this part of the state. The flora, the grandeur of the scenery and the relief from heat and humidity are all attractions.

The alpine sunray (front cover) is my personal favourite of the plants from this area. It grows in patches of shattered stones at only the highest elevations. It appears so delicate and yet survives such harsh conditions. It is always a joy to find and it means I have returned to the fragile domain above the tree-line.

Study Group notes

Rhonda Daniels, Study Group Liaison Officer

I will be speaking about Study Groups to Southern Highlands Group in February 2013. If you would like me to speak to your Sydney region group, please contact me.



Grevillea Study Group (October 2012, No. 93)

This issue includes an obituary for Don McGillivray, the Grevillea botanist and botanical historian (1935-2012). It also features the open days for the Illawarra Grevillea Park in 2013, with the next days on 27-28 April and 4-5 May 2013. See www.grevilleapark.org for more information.

The field trip reports include the search for *Grevillea beadleana* in northern NSW, as always providing an insight into research in the field. After a trip further afield visiting New Zealand, Tony Cavanaugh reports that one of the best collections of Australian plants in any Botanic Gardens outside of Australia is in Dunedin, a town whose latitude is below that of the South Cape of Tasmania.

Eucalyptus Study Group (October 2012, No. 56)

This issue features guidelines on growing eucalypts from seed. It notes that 'seed propagation is by far the most common way to raise hardy eucalypts for ornamental purposes. Cuttings are usually very difficult to root, and tissue culture and grafting are seldom used except in forestry operations.'

Garden Design Study Group (August 2012, No. 79)

The group's project to record significant gardens is continuing and recognises the importance of a garden plan to help visualise the garden and relationship between different elements. Reflecting on seasonal changes and natural cycles, Diana Snape poses the question: should we accept, even revel in, the variations that reflect the natural cycles of life taking place in our gardens, even when it means some plants are not looking their best. The group is seeking a NSW member to come forward and organise NSW meetings.

Hibiscus and Related Genera Study Group (July 2012, No. 26)

This issue features *Hibiscus meraukensis*, which is the most common species found throughout tropical Australia. It has a long (non-indigenous) history dating right back to Captain Cook's voyage along the Australian east coast in 1770.

Eremophila Study Group (October 2012, No. 104)

Sydney branch leader Charles Farrugia reports that 'from our experience in growing eremophilas in the Sydney region, we believe that quite a number of Eremophila species can be grown successfully here'. While some species are available in nurseries, a reminder that cutting material is available from members of the Sydney branch.

Epacris Study Group (Spring 2012, No. 34)

In this issue, Study Group Leader Gwen Elliott reminds that Epacris have been in cultivation for many years. In the late 19th century, there were over 70 named *Epacris impressa* cultivars in English greenhouses. This is still the most commonly grown species. The species name 'impressa' comes from the five indentations in the base of the tube, not from the fact it looks impressive.

Study Groups

If you are interested in studying, expanding your understanding or sharing your experiences in a particular aspect of Australian plants, why not join one or more of the many study groups that can be found in the Study Group directory on pages 42 and 43. You can join as either as an active member or as an interested bystander.

Each group consists of a leader (who collates and publishes the material), active members (who make observations and collect information) and (sometimes) passive members (who simply receive newsletters). Information may include any aspect of cultivation, propagation and natural occurrence of the plants under study. If you are interested in starting a new group or taking over a vacant leadership contact:

ANPSA Study Group Co-ordinator:

Geoff Lay
2 Kerry Parade
Mont Albert North VIC 3129
☎ (03) 9898 4816
Email: gjmk.lays@bigpond.com

To join a study group: Contact the leader of the study group of your interest, enclosing the relevant subscription fee and a stamped SAE. You may join as many groups as you wish.

Study group directory

Fees listed as Australia/Overseas/Email

Acacia (\$10/\$20/\$7)

Leader: Bill Aitchison
13 Conos Court
Donvale, VIC 3111
☎ (03) 9872 3583
Email: acaciastudygroup@gmail.com

Australian Food Plants

In recess – new leader required

Australian Plants as Bonsai

(\$14/\$19)
Leader: Roger Hnatiuk
PO Box 450, Jamieson Post Office
Macquarie ACT 2614
☎ (02) 6251 2228
Email: rjhnatiuk@yahoo.com.au

Australian Plants for Containers

(\$8/\$10)
Leader: Gill Muller
35 Blackfriars Road
Port Elliot SA 5212
☎ (08) 8554 3621
Email: gilly@lomandra.id.au

Banksia (\$10/\$20/\$7)

Leader: Cas Liber
PO Box 83, St Pauls NSW 2031
☎ 0400 475 862
Email: casliber01@yahoo.com

Boronia & Allied Genera

In recess – new leader required

Brachychiton and Allied Genera

(\$5/\$10)
Leader: Kerry Rathie
6 Bright St
Toowoomba South QLD 4350
☎ (07) 4638 4305
Email: krathie6@bigpond.com

Calytrix

In recess – new leader required

Correa (\$10/\$10/\$6)

Leader: Cherree Densley
9 Koroit Port Fairy Rd
Killarney VIC 3283
Email: cherree@hotmail.net.au
☎ (03) 5568 7226
Admin – David and Barbara Pye
1220 Bacchus Marsh Road
Bullengarook VIC 3437
Email: pye@ssc.net.au
☎ (03) 5428 9369

Daisy, the Australian

In recess – new leader required

Dryandra (\$10/\$12/\$5)

Leader: Margaret Pieroni
22 Ravenhill Heights
Denmark WA 6333
Email: mpieroni@bigpond.com
☎ (08) 9848 3331

Epacris (\$5/\$10)

Leader: Gwen Elliot
PO Box 655, Heathmont VIC 3135
Email: gwenelliot@optusnet.com.au
☎ (03) 9879 1427

Eremophila (\$5)

Leader: Colin Jennings
4 Kinnaird Cres
Highbury SA 5089
Email: cje97694@bigpond.net.au
☎ (08) 8264 6490

Eucalyptus (\$10)

Leader: Warwick Varley
PO Box 456, Wollongong NSW 2520
Email: tallowwood@hotmail.com
☎ 0402 763 414

Fabaceae (\$5/\$10)

Leader: Lachlan Garland
15 Duff Street
Sandringham VIC 3191
Email: lachlangarland@bigpond.com
☎ (03) 9598 4963

Fern (\$5)

Peter Bostock
PO Box 402, Kenmore QLD 4069
Email: pbostock@ozemail.com.au
☎ (07) 3202 6983

Garden Design (\$15/\$20/\$6)

Leader: Ros Walcott
10 Wickham Cres
Red Hill ACT 2603
Email: rwalcott@netspeed.com.au
☎ (02) 6161 2742

Grevillea (\$5/\$10)

Leader: Peter Olde
140 Russell Lane
Oakdale NSW 2570
Email: peter.olde@exemail.com.au
☎ (02) 4659 6598

Hakea (\$5/\$10)

Leader: Paul Kennedy
PO Box 220
Strathmerton VIC 3641
Email: hakeaholic@gmail.com
☎ (03) 5874 5239

Hibiscus and Allied Genera
(\$10/\$20/\$5)

Leader: Geoff Harvey
PO Box 46, Buderim QLD 4556
Email: bannh@bigpond.net.au
☎ (07) 5445 1828

Isopogon and Petrophile

(\$5/\$10/\$2.50)
Leader: David Lightfoot
36 Arundel Cres
Surrey Hills VIC 3127
Email: isopogons@gmail.com
☎ (03) 9836 0601

Orchids, Indigenous

In recess – new leader required

Palm and Cycad (\$5/\$12)

Leader: Kerry Rathie (refer to
Brachychiton and Allied Genera
above)

Prostanthera and Westringia

In recess – new leader required

Rainforest

In recess – new leader required

Rhamnaceae

In recess – new leader required

Succulents, Native

In recess – new leader required

Verticordia

In recess – new leader required

Wallum & Coastal Heathland (\$5)

Leader: Barbara Henderson
36 Railway Terrace
Moore QLD 4306
☎ (07) 5424 7073

Waratah and Flannel Flower (\$5)

Leader: Maria Hitchcock
16 Hitchcock Lane
Armidale NSW 2350
☎ (02) 6775 1139, 0421 961 007
Email: maria.hitchcock@gmail.com

Wetlands (and Water Plants)

In recess – new leader required

Wildlife and Native Plants

In recess – new leader required

New members, January 2013

Merle Thompson, Membership Officer

The Australian Plants Society NSW warmly welcomes the following 40 new members (32 memberships) and wishes each of you a long, rewarding and enjoyable association with the Society.



Hugh Anderson	Menai
Michael Anlezark	Batemans Bay
Martin & Eleanor Bell	Engadine
Mog Bremner	Narooma
Alta Brown	Hunters Hill
Laney Cooper	Genalla
David & Samuel Dennis	Federal
Alexanne Don	Katoomba
Hugh & Heather Dowd	Hornsby
Elizabeth Dwyer	Alectown
Jill Foster	Glendale
Pamela & Ian Fowler	Glenbrook
Tanya Hoolihan	Wyong
Agnes Karaba	Caringbah
John & Peggy Kingsland	Glenbrook
Richard Landon	Bullaburra
John Larsen	Denistone
Nicholas Little	North Ryde
Derek McIntosh	Balgowlah
Luke McPherson & Vincent Bastien	Bega
Norman & Jenny Morrison	Tanja
Stephanie Murphy	Towrang
Muswellbrook Forest Nursery	Muswellbrook
Graham & Carol Olde	Wingello
Ann Virve Parsons	Pearl Beach
Martin Pell	Manly
Barbara Petrisic	Cardiff
Mark Rushton	Mt Colah
Helen Simmonds	West Gosford
Prudence Ann Watson	Griffith
Stephanie Frances West	Springwood
Lynda Louise Wetherall	North Lambton

Vale

It is with sadness that we learnt of the deaths of the following members over recent months. Note there is also a tribute to **Bill Webb** on page 21.

Brian Gorman was Vice President of South East NSW group

Bill Langshaw was a former APS representative on the Burrendong Arboretum Trust

Banksia Flower Colour An opportunity to do some field research

The University of Western Sydney is doing research into Banksia populations, specifically flower colour in *Banksia serrata* and *Banksia aemula*. They are looking for assistance from the public to collect a large quantity of data from a wide variety of locations.

They have approached APS NSW in the hope that some of our members will be interested and can help with the data collection. The university's website www.uws.edu.au/banksiaresearch contains all the information you need to be involved. Members will find this website informative even if they decide not to participate in the formal data collection.

APS groups that are involved in Bushcare or regeneration work may like to sample their work sites. The sampling is not arduous and the explanatory notes and supporting material on the website are designed so that school groups can readily participate.



Members would even find interest examining plants in their own gardens to see which colour grouping they contain. It should be noted however that the cultivated nature of gardens make them unsuitable locations for a randomised sample of wild plants. So this would be of personal interest only and not suitable for the formal study. If you choose to participate you would have a good excuse for a bushwalk, albeit more structured than usual.

District Groups' diary

Compiled by Jan Carnes, Blue Mountains Group

All members are welcome to attend Group meetings. For further details on another Group's activity that you may be interested in attending, contact that Group's secretary.



If your Group has an activity that you would like included here, email details to the APS NSW office.

You can also view the current Group diaries and any recent updates or changes on line at the APS NSW website at www.austplants.com.au.

January 2013

Date	Day	District Group	Event
5	Sat	South East Region	Meeting at alternating locations. Contact President or Secretary
6	Sun	Blue Mountains	Picnic at Mt Tomah Botanic Gardens
9	Wed	Parramatta and Hills District	Propagation: 10 am at Bidjivong Community Nursery
10	Thu	Hawkesbury	Meeting at Council Nursery, McGrath's Hill. Contact Rick Jamieson on 4572 1321
13	Sun	Coffs Harbour	Outing to Peter and Jenny Wills' rainforest garden
25	Fri	Tamworth	Meeting 8 pm at Botanic Garden Meeting Room.
26	Sat	Blue Mountains	Glenbrook Australia Day stall

February 2013

Date	Day	District Group	Event
1	Fri	Southern Tablelands	Meeting at alternating locations. Contact President or Secretary
1 – 3	Fri – Mon	Blue Mountains	Snowy Mountains Weekend Away
3 – 10	Sun – Sun	Sutherland	Trip to Charlotte Pass, Kosciuszko National Park
6	Wed	Armidale and District	1 – 3 pm Arboretum working bee
		East Hills	Meeting 7.30 pm at Peakhurst South Primary School Library, Monterra Ave, Peakhurst
		Newcastle	Meeting 7.30 pm at The Wetlands Centre, Sandgate Rd, Shortland

February 2013 (continued)

Date	Day	District Group	Event
7	Thu	Northern Beaches	Meeting 7.30 pm at Stony Range Botanic Garden, Dee Why
		Southern Highlands	Meeting 2 pm at CWA Room, next to council building in Elizabeth St, Moss Vale
8	Fri	Blue Mountains	Meeting and AGM 8 pm at Native Plant Reserve, GWH, Glenbrook
		Central Coast	Meeting 7.30 pm at Phillip House, 21 Old Mount Penang Rd, Kariong.
		North Shore	Meeting 8 pm at Willow Park Community Centre, 25 Edgeworth David Ave, Hornsby. Speaker: Peter Olde on "Grevilleas: What's DNA doing to our plants?"
13	Wed	Coffs Harbour	Meeting and AGM 7:30 pm at Botanic Gardens Display Room, Hardacre St, Coffs Harbour. Speaker: John Wrigley on Kangaroo Island flora
		Menai	Meeting 7.30 pm at Illawong Rural Fire Brigade Services, Old Illawarra Rd, Illawong. Speaker: Leroy Gonsalves on Saltmarsh, Mosquitoes and Insectivorous Bats
		Parramatta and Hills District	Propagation: 10 am at Bidjwong Community Nursery
14	Thu	Hawkesbury	Meeting at Council Nursery, McGrath's Hill. Contact Rick Jamieson on 4572 1321
		Nowra	Meeting 8 pm at Nowra Town Band Hall, 174 Kinghorne St, Nowra. Speaker Suellen Harris
16	Sat	APS NSW Quarterly Meeting	Hosted by Menai Group 1 pm at Illawong Rural Fire Service station – the first of a new style of APS NSW meetings to be held on weekends in the groups. Speaker: Maria Hitchcock on growing waratahs and flannel flowers. From 9 am to 12 noon, members' gardens will be on show and Joseph Banks Native Plants Reserve is open from 10 am to 5 pm.
19	Tue	Armidale and District	Forum 7.30 pm in TAFE Library Seminar Room, Beardy St, Armidale.
		Newcastle	Mid-weekers outing
20	Wed	Sutherland	Meeting 8 pm at Gynea Community Centre, Gynea Bay Rd, Gynea.
		Macarthur	Meeting 7.30 pm at Birriwa Community Hall, Fitzpatrick St, Mount Annan
		Hunter Valley	Meeting 7.45 pm in Polish Hall, corner of Grant and Old Rose Streets, Maitland

February 2013 (continued)

Date	Day	District Group	Event
21	Thu	Southern Tablelands	Propagation day
22	Fri	Tamworth	Meeting 8 pm at Botanic Garden Meeting Room.
23	Sat	Armidale and District	3.30 pm – 6 pm propagation workshop and BBQ at Hitchcock's.
24	Sun	Armidale and District	8 am – 1 pm Markets in the Mall

March 2013

Date	Day	District Group	Event
1	Fri	Blue Mountains	Meeting 8 pm at Native Plant Reserve, GWH, Glenbrook
2	Sat	South East Region	Meeting at alternating locations. Contact President or Secretary
		Blue Mountains	Illustrated talk on birds at Native Plant Reserve, GWH, Glenbrook
		Southern Tablelands	Walk in Molonglo Gorge
3	Sun	Coffs Harbour	Outing to Mt Hyland NR led by John Ross
4	Mon	North Shore	Walks and Talks: Introduction Ku-ring-gai Wildflower Garden
6	Wed	Newcastle	Meeting 7.30 pm at The Wetlands Centre, Sandgate Rd, Shortland
		East Hills	Meeting 7.30 pm at Peakhurst South Primary School Library, Monterra Ave, Peakhurst. Speaker: Mark Abell on native ponds.
		Armidale and District	1 pm – 3 pm Arboretum working bee
7	Thu	Northern Beaches	Meeting 7.30 pm at Stony Range Botanic Garden, Dee Why
8	Fri	North Shore	Meeting 8 pm at Willow Park Community Centre, 25 Edgeworth David Ave, Hornsby. Speaker: Scholarship holders Berin Mackenzie on Dormancy in <i>Boronia</i> and Diane Warman on <i>Grevillea shiressii</i>
		Central Coast	Meeting 7.30 pm at Phillip House, 21 Old Mount Penang Rd, Kariong.
9 – 10	Sat – Sun	Armidale and District	Torrington/Mole Station weekend
11	Mon	North Shore	Walks & Talks: Parts of the Plant – Stems and Leaves

March 2013 (continued)

Date	Day	District Group	Event
13	Wed	Parramatta and Hills District	Propagation: 10 am at Bidjivong Community Nursery
		Coffs Harbour	Meeting 10 am at Botanic Gardens Display Room, Hardacre St, Coffs Harbour. Speaker: Gwyn Clarke on small native plants
		Menai	Meeting 7.30 pm at Illawong Rural Fire Brigade Services, Old Illawarra Rd, Illawong. Speaker: Lloyd Hedges speaking about 2012 trip to WA
14	Thu	Nowra	Meeting 8 pm at Nowra Town Band Hall, 174 Kinghorne St, Nowra
		Hawkesbury	Meeting at Council Nursery, McGrath's Hill. Contact Rick Jamieson on 4572 1321
18	Mon	North Shore	Walks & Talks: Plant Kingdom
19	Tue	Newcastle	Mid-weekers outing
		Armidale and District	Forum 7.30 pm in TAFE Library Seminar Room, Beardy St, Armidale.
20	Wed	Hunter Valley	Meeting 7.45 pm in Polish Hall, corner of Grant and Old Rose Streets, Maitland
		Macarthur	Meeting 7.30 pm at Birriwa Community Hall, Fitzpatrick St, Mount Annan
		Sutherland	Meeting 8 pm at GyMEA Community Centre, GyMEA Bay Rd, GyMEA.
22	Fri	Tamworth	Meeting 8 pm at Botanic Garden Meeting Room
24	Sun	Armidale and District	8 am – 1 pm Markets in the Mall
25	Mon	North Shore	Walks & Talks: Parts of the Plant – Flowers
28	Thu	Southern Tablelands	Propagation day

Advance Notice

Date	Day	District Group	Event
10 – 18	Aug	ANPSA 2013 Biennial Conference	'Diversity is in our Nature' hosted by SGAP Queensland at the Alexander Park Conference Centre in Buderim on the Sunshine Coast. There will also be 3 pre- and 2 post-conference tours. Register at www.sgapqld.org.au or anpsa2013@sgapqld.org.au or write to PO Box 934 Buderim QLD 4556

Membership discounts

Discounts are available from the following organisations to Society members who present their current membership card.

Sydney

⊗ **All GreenGold Nurseries**
5% discount, except on landscape materials, garden design services or discounted merchandise.

⊗ **Florilegium**
The Garden Bookstore
65 Derwent St, Glebe 2037
PO Box 644, Rozelle 2039
☎ (02) 9571 8222.
Mon–Sat 10am–6pm, Sun 11am–5pm.
10% discount on some titles. Please check before purchasing.

⊗ **Forests NSW Nurseries**
10% discount on all potted lines. West Pennant Hills, Narrandera and Dubbo.
For locality details
☎ 1800 000 123
Website: www.dpi.nsw.gov.au/forests/business-services/nurseries

⊗ **Sydney Wildflower Nursery**
9 Veno St, Heathcote 2233
www.sydneywildflowernursery.com.au
10% discount

Armidale

⊗ **Cool Natives. Retail & mail order**
16 Hitchcock Lane Armidale 2350
Open by appointment only
☎ (02) 6775 1139
0421 961 007
Email: maria@coolnatives.com.au
Website: coolnatives.com.au
10% discount

Blue Mountains

⊗ **Glenbrook Native Plant Reserve Nursery**
Great Western Highway,
Glenbrook 2773
☎ (02) 4739 4465
Sat, Sun, Wed. 12 noon–4pm.
10% discount to Society members, **20%** for roster participants.

Central Coast

⊗ **The Wildflower Place**
453 The Entrance Rd, Erina Heights
☎ (02) 4365 5510
5% discount

Central West

⊗ **Wombat Gully Native Nursery**
1729 Coxs Creek Road,
Rylstone
☎ 6379 6202
10% discount

Nepean Valley

⊗ **Darvill Nursery**
Darvill Rd, Orchard Hills 2748
Contact for price list or arrange to visit beforehand
☎ (02) 4736 5004
www.darvillnursery.com.au
10% discount

Newcastle

⊗ **Leearne Neal at Newcastle Wildflower Nursery**
260 Lake Road, Glendale 2285
☎ (02) 4954 5584
Open 7 Days 9am–5pm.
10% discount

⊗ **Muswellbrook Forest Nursery**
New England Highway,
Muswellbrook
10% discount

North Coast

⊗ **Bonny Hills Garden Centre,**
10% discount on all plant purchases 1055 Ocean Drive,
Bonny Hills 2445
☎ (02) 6585 5764

⊗ **Greenbourne Nursery**
Oxley Hwy, Wauchope 2446 (opp. 'Timbertown')
☎ (02) 6585 2117
10% discount

⊗ **A.R. Native Plant Nursery**
177 Terania Ck Rd, The Channon 2480. Open Fri/Sat/Sun 9am–5pm; other times by appointment.
☎ (02) 6688 6365
10% discount

Mildura

⊗ **Native Nursery, Mildura**
10% discount on the purchase of any native plants or other products, including the Watertube ordered online at www.nativenursery.com.au

South Coast

⊗ **Wildgems Native Nursery**
Illawambra Valley Road,
Yowrie 2550
☎ 0427 937 398
Wholesale / retail nursery.
Please ring and arrange day before arriving.
10% discount

APS NSW contacts

Office: Shop 1, 33 Emma Crescent, Wentworthville

Administration Officer: Sharlene Cormack

Office hours: Wednesday 9 am to 2.30 pm

Phone: (02) 9631 4085 **Fax:** (02) 9631 4293

Email: office@austplants.com.au

Postal address: PO Box 5026, Old Toongabbie NSW 2146

President

John Aitken

Editor of *Native Plants for NSW*

David Crawford

Vice Presidents

Graeme Ingall and Harry Loots

Editors of *Australian Plants*

John Aitken and Merle Thompson

Honorary Secretary

Graeme Ingall

Publicity Officer

Mark Abell

NSW Membership Officer

Merle Thompson

☎ (02) 6352 3805 Fax: (02) 6351 2384

Email: merleaps@bigpond.com

Program Officer

Harry Loots

Property Officer

Roger Starling

Conservation Officer

Bob Ross ☎ (02) 6495 0306

Email: wenbobr@bigpond.net.au

Nature Conservation Council

Representative

Margery Street

Committees and services

If you are able to contribute and join a committee, please contact the Convenor.

Management and finance committees

John Aitken and Graeme Ingall

Projects committee

Kyrill Taylor and Harry Loots

Publishing committee

APS NSW

Email: office@austplants.com.au

Open Garden Scheme

Maria Hitchcock

☎ (02) 6775 1139

Email: maria.hitchcock@gmail.com

Study Group liaison officer

Rhonda Daniels

☎ (02) 9521 8381

Email: rhdaniels@bigpond.com

Appointments to external committees

ANPSA Council

Graeme Ingall ☎ (02) 4322 8296

John Aitken ☎ (02) 9589 1363

Seed bank curator

John Randall

8 Coachmans Pl, Mardi NSW 2259

☎ (02) 4353 9390

Email: johnannette@dodo.com.au

Australian Cultivar Registration Authority

David Murray ☎ (02) 4229 2171

Other services

Australian Flora Foundation

Ross Smyth-Kirk ☎ (02) 9909 3052

Book service

Florilegium, The Garden Bookstore

65 Derwent St, Glebe NSW 2037

☎ (02) 9571 8222

Fax (02) 8208 9938

Email: sales@florilegium.com.au

Burrendong Arboretum

Carmel Spark ☎ (02) 6379 6202

Native Flower Growers and Promoters

Jonathan Steeds ☎ (02) 4372 2015

Email: snative@bigpond.com

