

# Native Plants for New South Wales



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## Native Plants for NSW

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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.

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**Cover:** The NSW Christmas Bush, *Ceratopetalum gummiferum*, is one of the best known of our native flora. It is hoped that later this year a dwarf form will be widely available for sale in retail nurseries. An article about this plant is planned for the next issue of *Native Plants*. The cover image came with the article and your editor thought it was so impressive that it could not wait another three months.

# Introduction

David Crawford, Editor *Native Plants for NSW*

I must thank those who have contributed articles for this issue of *Native Plants*. Some are regular contributors, others first timers. Thanks to all. Contributing is not a demanding task. Because of the format (A5) and the desire for attractive colourful images it is often harder to keep the article concise than it is to write in the first place. It has been brought to my attention that I have been requesting articles but not making my contact details absolutely clear. On page 51 the contact address for the Publishing Committee (*Native Plants* and *Australian Plants*) is the APS NSW office email address – office@austplants.com.au. This is the preferred route to get articles, pictures, comments etc to me. Sharlene in the office will forward emails to me and I will respond directly to contributors giving my personal email address for future communication. I realise that everyone is not on the internet – postal communication is also welcome, again use the postal address for the office (see p51 – *Native Plants* does contain a lot!)



The new format February Quarterly meeting was a resounding success (p4). The next meeting will be the AGM, back at Ermington (p18), but after that we hope to be out in the sunshine, the gardens and among the crowds with weekend meetings in future.

This issue of *Native Plants* has articles about starting a native lawn (p6) and building your own insect hotel (p10). We also meet a couple of endangered species (p9 & p17). The first is from the NSW Conservation Officer, Bob Ross, and the second is a follow-up to the article in the January edition about the Threatened Species Garden at Tamworth.

Being the April issue, it includes the complete listing for the Seed Bank (p29). Our seed bank always needs donations, but why not make a few selections and try something you've never grown before?

The ANPSA biennial conference on the Sunshine Coast is fast approaching, so it's probably time to make the decision attend if you haven't already. The 2013 NSW annual get-together in Armidale is a little further off, but information and a registration form is included (pp 22-24).

Keep up to date with APS NSW management and activities with the President's Report (p12) and the Board Jottings (p38).

The Website Update (p34) deals with handling images on the website – how to access them and how to post your own.

There's a lot to read, and even more to follow up on if you're interested.

## APS NSW Quarterly Meeting, 16 February 2013

Thanks to Rhonda Daniels of the Sutherland Group for this article.

The inaugural APS NSW quarterly meeting in the new Saturday format attracted many members keen to hear from Maria Hitchcock on the secrets of growing waratahs and flannel flowers. Maria's interest was sparked when she bought a Shady Lady Waratah. Realising she didn't know much about them, she started a Study Group to flush out expertise. Thus the Waratah and Flannel Flower Study Group was born, focusing on two spectacular and desirable flowering plants with a reputation for being hard to grow.



Maria's tips for growing waratahs included learning from the waratah in its natural environment, where it grows as an understory shrub with filtered light (about 60% shade), good drainage and high rainfall. Waratahs have pyrogenic flowering, resprouting from their woody lignotuber after fire. Maria recommended keeping a young waratah in a pot until its first flowering, before cutting it back and planting in the ground. The best flowering is two years after a fire. Waratah flowers are pollinated by birds and pygmy possums, but pollination and seed development can be very hit and miss. In the ground, waratahs don't like root competition so do not plant anything within a metre of the plant, and mulch heavily. Fertilise twice a year with blood and bone: in autumn when flower buds are forming, and in spring when the buds are opening. There are many beautiful waratah hybrids on the market from several breeders, so why not try one.

Flannel flowers are another challenge. *Actinotus helianthi* is the best known species, but there are about 15 species in the genus. They can be propagated by seed or cutting. They can be difficult to grow because the hairs on the seed prevent water entering, and the hairy stems hold moisture, leading to rotting of the stems. Fresh seed takes about 40 days to germinate at 20°C. The seedlings can be potted on into seed-raising mix. They are sensitive to root disturbance so care is required and it is best to pot on once only. Feed once a fortnight in winter and every week in spring through to autumn, alternating calcium nitrate and a low phosphorous fertiliser.

Maria also distributed some very attractive, colourful and informative post-cards to the audience. The first has a point-form summary of recommendations for growing the Shady Lady Red Waratah. The

second, also in point-form, gives advice for growing flannel flowers from seed. At the end of her presentation Maria offered some plants as prizes to those who could first answer some questions relating to her talk. Thus she left her audience happy and had ensured their close attention during the presentation.

At the end of the meeting, Lloyd Hedges demonstrated the Menai Group's method for making smoke-water which can increase germination rates for many native plants, including flannel flowers.

Some YouTube videos have been produced including some footage from the quarterly meeting. They can be found on the APS NSW Website ([www.austplants.com.au](http://www.austplants.com.au)) via the 'Resources' menu. These have been put together by Liz Aitken (Sutherland Group member and wife of John, the NSW President). Liz is also arranging to run some training sessions for other members to learn how to produce YouTube style videos. This should give our society another medium to help promote our native flora to a large, young audience at low cost, as well as providing a ready record of many APS activities for the future.



A view of part of the crowd at the February quarterly meeting hosted by the Menai Group. This was taken after the formal presentations given by Maria Hitchcock and Lloyd Hedges while APS members and visitors were enjoying afternoon tea, engaging in social interaction and purchasing plants from the native plant growers who had stalls at the event. Those who are familiar with Ermington meetings of recent years will be well aware of the considerable contrast this scene represents.

## Establishing a Native Grass Lawn

Jason Salmon, a Bushcare Officer with Sutherland Shire Council in southern Sydney.

I have always enjoyed gardening. There is something about putting a plant in the ground and watching it grow. Living in an apartment means that I am a little restricted in what I can accomplish at home. The advantage of my job as a Bushcare Officer is that I have an expanse of 'gardens' across Sutherland Shire to experiment with.



My interest in native grasses and their use in the home garden began in my early days as a bush regenerator working on the Cumberland Plain when I was introduced to working in a woodland landscape with trees and a grassy understorey.

There are over 1,000 species of native grasses in Australia. This number of species means that there is a huge variety of size, colour and texture. I believe that many native grasses have a strong growing future in urban horticulture. The fluffy white seed heads of Wallaby Grass (*Austrodanthonia spp.*) are very pleasing to the eye. Kangaroo Grass (*Themeda triandra*) is one of the most widespread grasses in Australia, and has a variety of forms and colours. I particularly like the tall rusty red seed heads that form in late spring and early summer. Both of these grasses are clumping and do not form runners. They are best grown in garden beds and kept fresh with an annual prune with hedging shears.

Weeping Meadow Grass (*Microlaena stipoides*) is widely distributed along the east coast. Its wide distribution means that there are a variety of forms. I observed three different forms while collecting seed at Hall Drive Menai in December 2011. *Microlaena* gets its common name from the drooping seed head that can be found between November and May. I really like *Microlaena*. It is a grass with a big future. In the home garden it makes a reasonably durable, low maintenance, drought tolerant lawn. It produces year round green growth and is tolerant of shade and acidic soils.

Creating a native grass lawn takes a little bit of work and is more expensive than exotic lawn as it cannot be bought as rolls of turf, and seed is expensive to buy. Most areas I have converted to a *Microlaena* meadow start with careful preparation. The fewer weed seeds the better. Individual plants are then planted as either 'cells' or 'tubes' at 5-10cm spacing. Cells are cheaper – usually around \$0.80 each. After

planting the area can be over sown with *Microlaena* seed and should be watered regularly. The over-sowing will quickly fill the gaps of the original plantings. Mowing can commence on a high setting, at least six months after establishment. In Sydney, native grasses like *Microlaena* can grow steadily throughout the year and once established may only need mowing 4-6 times a year.

In September 2011, I began establishing a new Weeping Meadow Grass *Microlaena stipoides* lawn at Joseph Banks Native Plants Reserve, Kareela (see upper photo p8). The chosen site was originally infested with the most pestiferous weed Panic Veldt Grass, *Ehrharta erecta*. After two weed control treatments the area was cultivated, and in December 2011 planted with *Microlaena* tubestock at a rate of 10 plants per square metre. Fresh seed was also broadcast over the planting area to fill in the gaps. Next time you are at Joseph Banks Reserve drop in and take a look for yourself.

A 150m<sup>2</sup> area was treated for weeds and cultivated before planting 150 tubestock at \$2 each and 75 grams of seed at \$27 for a total cost of \$327.

Twelve months on and the lawn has become well established, thanks to supplementary watering, regular weeding and occasional mowing. (See lower photo p8.)



A meadow of *Microlaena stipoides* at Grays Point Reserve Photo J Salmon SSC

If you are considering creating a Weeping Meadow Grass meadow at home, pre-planting weed control is paramount especially if you plan on direct seeding. Weeping Meadow Grass is slow to establish compared to exotic turf grasses and seedlings can be overrun by weeds in the early stages. Regular weeding, watering and occasional mowing timed after seed has dropped will ensure a well established meadow in about 12 months.

In recent years there is greater interest in native grasses for domestic use, broad area landscape situations and in agriculture. More information is becoming available as people use these plants and learn from their experiences and share their successes.

Weeping Meadow Grass  
(*Microlaena stipoides*)  
at Joseph Banks Native  
Plants Reserve  
Photos: J Salmon SSC



Just planted  
December 2011



Same location  
January 2013

# Merimbula Star-Hair

## An endangered native plant

Bob Ross, Conservation Officer for APS NSW.

As Conservation Officer for APS NSW, when I recently learned that there is an 'endangered' species of native plant that is literally growing in the back yard of South East Region Group, we took a special interest.



The common name of this native is the Merimbula Star-hair (*Astrotricha* sp. Wallagaraugh). According to the NSW Office of Environment and Heritage, it is different from other Star-hair species but as yet it hasn't been formally described. The OEH website says the Star-hair has 'a highly restricted and severely fragmented distribution, currently known from only two localities (in NSW) about 50 km apart'. One site is south-east of Eden, deep in the forest, and the other site is in and around Tura Beach, where we live. It is also found around Mallacoota in Victoria. The flowering period of this star-hair is late spring (October to December) and the plants can grow to over a metre high.



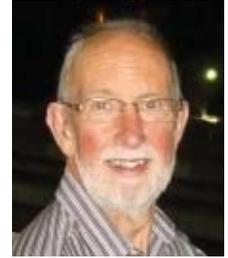
Our local Landcare group has just received a grant from the local Council to survey where the Star-hair plants are found. We think it likes to grow in disturbed areas and on the edge of forested areas. The soil in our area is deep white sand, apparently deposited by the wind during the last Ice Age, about 10,000 years ago. We don't know why the Star-hair is just found in these two spots in NSW, but we hope that as we find out more about it we will be able to work out a plan to make sure that it doesn't go from the 'endangered' list to the list of 'extinct' species.

Merimbula Star-Hair (*Astrotricha* sp. Wallagaraugh) in bud and flower in November 2012

## DIY Insect Hotels

Jeff Howes from North Shore Group has made one and you can too.

During a recent trip to Europe, I noticed a lot of quite large, home-made bee or insect 'hotels'. On my return, I found an excellent website (see list at end of article) that showed many different home-made hotels in the EU and UK. After looking at all the pictures on that site, I decided to make one myself, hopefully to provide a home for our native solitary bees and other insects. These are important pollinators and pest controllers in our gardens and they need to be encouraged and assisted as tidy gardens, lawns and a lack of dead wood mean less and less habitat is available for them, especially in urban environments.



The technical details of my hotel are as follows:

- The back of the hotel is the same as the front.
- The three drill diameters used to drill the wood were: 3.3 mm, 6.5 mm and 11 mm. Depth of the holes was the drill length.
- The sections of timber are old chemical-free pine or Oregon.
- The upright branches and the branches in the 50 mm diameter plastic tubes were from the weedy Lantana plant (*Lantana camara*).



My newly installed hotel.  
All photos:  
Jeff Howes

The soft cores of the horizontal branches were drilled out but not the vertical branches.

- The hotel sits on a 200 mm by 50 mm hardwood base.

My hotel is positioned in my garden so it receives dappled morning sun and full afternoon sun. This is not ideal, as apparently it should be in a position that receives full sun, as the bees only become active around 18°C and above. A position that receives full sun is not possible in my northern Sydney suburban garden due to neighbouring trees.

A few questions remain unanswered:

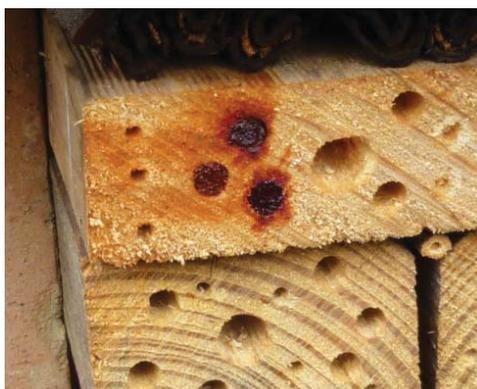
- Will it work? Apparently it can take up to 12 months to weather and lose its 'newness' before the tenants decide to call it home.
- Should it be higher off the ground?
- If it does not work, will it be a home for ants? (I hope not.)

Anyone interested in this topic can visit the following websites. (The first one is especially recommended to get your imagination working.)

- 1 [www.inspirationgreen.com/insect-habitats.html](http://www.inspirationgreen.com/insect-habitats.html) shows great pictures of home-made insect and bee hotels in Europe and UK.
- 2 [www.sugarbag.net/resources/Solitary.Bees.Trap.Nests.pdf](http://www.sugarbag.net/resources/Solitary.Bees.Trap.Nests.pdf) shows how I made my hotel and is written by Tim Heard, a CSIRO entomologist. The article *Suggested designs for trap-nesting solitary bees* has specific designs for Carpenter bees (*Xylocopa* spp. and *Lestis* spp.) and Blue Banded bees (*Amegilla* spp.) as well as general designs for other species.
- 3 [www.beesbusiness.com.au](http://www.beesbusiness.com.au) is researcher Megan Halcroft's site on Australian Stingless bees.
- 4 [www.aussiebee.com.au/aussiebeeonline008.pdf](http://www.aussiebee.com.au/aussiebeeonline008.pdf) shows how to make nest blocks for blue banded bees



Close-up view of drilled timber blocks and lantana stems.



Recent photo answers the first question above. Evidence that bees have already begun using some of the drilled holes

## President's report

John Aitken, President APS NSW



The new format quarterly meeting of APS NSW (formerly the Ermington Regional meeting) held on Saturday 16 February was a great success. More than 125 members and visitors from as far north as Newcastle, south to Nowra and west to the Blue Mountains attended the revamped meeting to hear Maria Hitchcock give an excellent and highly informative talk on how to grow waratahs and flannel flowers. There was much positive feedback from members on the day's event and they are looking forward, with great enthusiasm, to the coming meetings. Another encouraging aspect was that the meeting attracted eight visitors from the local community. Thank you to all those who contributed so much to the success of the day, in particular our guest speakers, Maria Hitchcock and Lloyd Hedges, the Menai District Group for hosting the event and for their wonderful hospitality and the delicious afternoon tea that they provided, the nurseries who had a wide range of plants for sale and those members who opened their gardens for inspection in the morning. The average attendance of 30-40 at each of the gardens was an indication of their popularity with members.

The next quarterly meeting is the AGM and will be held at Ermington. As this venue had to be booked six months in advance, the Board considered that it prudent to book the hall until we tested the waters with the new format. Can I encourage as many members as possible to attend the AGM at 7.30 pm, Friday 17 May, as it is your opportunity to have an input into the future direction of the Society. If you are unable to attend, could you please complete a proxy form and post it to the office by Wednesday, 15 February 2013.

It was with great regret that the Board accepted Kyrill Taylor's resignation as a director of APS NSW. Kyrill has made an invaluable contribution to the Society over many years, both as a director and as the delegate for the East Hills Group. During his time on the Board, Kyrill has been President, acting President and the Chairperson for the Bequest Fund. We will miss Kyrill's valuable insights, contributions and his wisdom. Kyrill was presented with a beautiful plaque at the February quarterly meeting in appreciation of his longstanding contribution to the Society.

During the year I plan to visit a number of Groups. To date I have accepted invitations to visit the Southern Highlands and South East Groups in June and Parramatta and the Hills District Group in August. This will provide me with a great opportunity to meet fellow members

and to hear your comments on how APS NSW can support the individual Groups.

In my January report, I mentioned that the Port Lincoln Group of APS SA had closed due to a loss of members to the Friends of the Arid Zone Botanic Garden, Port Augusta. It was in fact the Port Augusta Group that closed and I offer my apologies to the members of the Port Lincoln Group for my mistake. ANPSA President, Margaret Lees, has informed me that this Group is still operating and is still very active within the local community.

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## Our Bird-friendly Garden

Warren Sheather and his wife Gloria are regular contributors to *Native Plants for NSW* and their local Armidale & District Group Newsletter. They also maintain a website ([www.yallaroo.com.au](http://www.yallaroo.com.au)) and contribute to the APS NSW website. Their extensive garden will be open to members attending the 2013 APS NSW Get-together in October.



We would like to share our experiences in developing what has become a successful bird-friendly garden.

We moved a recycled house to our property, Yallaroo, west of Armidale about 17 years ago. The house was placed on a 900 metre hill surrounded by an extensive sheep camp containing almost every weed known to science. Mature stringybarks and white boxes fringed the sheep camp with virtually no shrub understorey. There was a plethora of large birds including currawongs, magpies and rosellas but not a small bird in sight.

Our idea about the type of garden we wished to live in was exactly the landscape required to provide a haven for small native birds. We did not want a formal garden with properly spaced plants, straight lines and square corners. We did want a garden full of Australian plants growing close together and forming dense, diverse shrubberies. Of course this is what is lacking in many gardens and public spaces. Small birds need this understorey to provide shelter, food and nesting sites. Gardens and parks lacking an understorey are dominated by large, often aggressive birds, particularly Noisy Miners.

Fortunately plant propagation is one of our great passions so we produce plenty of plants for dense planting. We try to copy nature by using a wide range of varieties planted close together. Looking at a square metre in bushland areas, such as the vegetation in Hawkesbury sandstone areas, there is a high density and diversity of plants.

We have embraced this planting philosophy rather enthusiastically by planting three plants (usually different varieties) in the one hole with 75 cm spacing between holes. We can afford to throw so many plants at the ground because the majority are produced on site.

This is not everyone's idea of what constitutes a garden but we are more than happy with the result. The plants shelter and protect each other so we are able to cultivate species that would not survive in our climate if grown in the 'conventional' way. We use plants from every Australian state. Rainforest species are the only ones we avoid.

Not only have we created a restful, colourful and ever-changing environment for the human inhabitants but also small local birds have put their seal of approval on our efforts. They 'flock' to the garden. From a few large birds originally, our avian list now runs to almost 90 species.

The garden is full of movement and song with many birds nesting within 20 metres of our home. Within the confines of our patio Willie Wagtails have a frequently-used nest in a Lilly Pilly. Grey Thrushes return annually and raise a family in a pile of sticks wedged in the bend of a drainpipe. Scrub Wrens nest in a potted Correa near the Lilly Pilly and various honeyeaters nest in dense Clematis vines supported by the patio roof posts.

The garden is constantly expanding and as the plants develop so our birds occupy these developing areas.

Yellow-faced Honeyeaters (see photo) are one of a number of honeyeaters that are present for many months.

One of the joys of our bird-friendly garden is, first thing in the morning, to stand at the window and watch our resident Blue Wrens bathing and breakfasting amongst our shrubs.



## Vale Isobel Hoegh-Guldberg

Marcia Bonham, immediate past president, Central West Group

Isobel Hoegh-Guldberg (6.8.1930–24.1.2013) was one of the founding members of Central West Group in 1995 and its first Secretary. Fiona Ogilvie, the first President, says that her efficiency was key to the Group's development. Isobel wrote articles for the Central West Group newsletter, and she and husband Hans edited it for six years.



Hans and Isobel at the opening of the Lisle Pearse Garden in October 2010

Isobel was my good friend and I will miss her, but she left the world a better place for having been here – something we all aspire to.

Isobel was so clever. She was fluent in three languages: English, Danish and Indonesian. She was amazingly knowledgeable when it came to gardens, and especially to native plants. She would take the tiniest little pieces of cutting material, and in no time they would be thriving plants. Identifying the rare Kowmung Wattle *Acacia clunies-rossiae* and growing it in her own garden was one of her great achievements. Her delightful native garden in snowy Oberon gave the lie to anyone who said that native plants could not be grown in those conditions, much to Isobel's amusement.

The Lisle Pearse garden in Oberon, developed by Central West Group and the local Council, was very dear to her heart. To transform it from a rugged hill infested with weeds and blackberries to a place of beauty was a major achievement. It took not only physical work, but lobbying, organising of labour and help, and applying for money from the Australian Plants Society NSW, but this was all achieved in a very quiet unassuming manner.

Isobel loved husband Hans, her clever family, her many friends, her garden, the environment, things historical and native plants. Above all, she managed to keep her sense of humour, and her enjoyment of life. Well done, Isobel.

# Acacia pubifolia

## Tamworth Threatened Species Project

In the January 2013 issue of Native Plants, Bill Hardin introduced us to the important work being done to establish the Threatened Species Garden at Tamworth. Here and in future issues Bill will introduce some of the species they are working to conserve.



The first is *Acacia pubifolia*, also known by the common names, Velvet Wattle or Wyberba Wattle. Seed was collected, germinated, grown and ultimately planted at the TRBG in March 2011.

*Acacia pubifolia* is a low shrub or small tree growing to 8m, with dark grey fibrous bark. Its branches are angular towards the ends and covered with velvety hairs. Flowering occurs during September and October.

A detailed botanical description can be found by searching online for “rbgsyd *Acacia pubifolia*”.

Listed as vulnerable (EPBC Act – Aust.) and endangered (TSC -NSW).

In NSW this species is known from two sites, one north of Emmaville in the Torrington SRA and the other on private property near Warrabah NP (seed was collected at the latter site). It is also found in Qld at a site near Wyberba, hence the other common name. Seed can be difficult to collect due to the liking of the immature seeds by parrots. It is usually necessary to cover the developing seed pods with a bag of some sort. The species grows in dry scrubby woodlands on granite, stony loam and metasediment soils. It is very adaptable to garden cultivation.



Photo: Warren Sheather

# APS NSW Annual General Meeting

17 May 2013



**Ermington Community Centre,  
River Rd, Ermington**

The Annual General Meeting of APS NSW will commence at 7.30 pm on Friday 17 May 2013. All members are encouraged to attend. This is a great opportunity to have your say in the organisation of APS NSW and to meet members from other Groups.

A proxy form and nomination form for election of office bearers are included as inserts in this issue of *Native Plants for NSW*. If you are unable to attend, please complete a proxy form and forward it to the APS NSW office or your Group secretary. Completed proxy forms must be received at the APS NSW office by Wednesday 15 May to be valid.

Please note that, as stated on page 44 of the October 2012 issue of *Native Plants for NSW*, members will NOT automatically receive a copy of the Annual Report unless they have specifically requested the office to send one by either email or post. The Annual Report will be available for members to view on the APS NSW website at [www.austplants.com.au](http://www.austplants.com.au) in April.

Any financial questions regarding the Annual Report are to be forwarded to the office by either email or post by midday Wednesday 8 May 2013. All questions will be referred to the Company's accountants for proper responses, which will be given to members at the AGM.

## **Agenda for the AGM**

1. Welcome
2. Apologies
3. Declaration of proxies
4. Minutes of Annual General Meeting held 18 May 2012
5. Business arising from Annual General Meeting
6. President's report
7. Other reports
8. Financial reports from Furzer Crestani Audit Services.
9. Election of Life Members
10. Conservation award
11. Election of officers.

## Guest speaker: Dan Clarke Experiences as a vegetation consultant

Following the AGM, our guest speaker will be Dan Clarke. Dan works full-time as a botanist with an environmental consultancy, assessing the conservation status of vegetation for development applications, with a focus on upholding legislation requirements and achieving sound environmental outcomes.



Dan will talk on his work in environmental consultancy, giving background into planning and conservation legislation, followed by vegetation assessment methodology and aspects of reporting. He will present examples from case studies, demonstrating how development goals need to be balanced with the importance of biodiversity conservation.

Dan began his career as a bushland regenerator and has worked with all types of groups, from weekend detainees to TAFE students. After several years experience, in addition to studying horticulture, Dan's interest in native plants was sparked. He completed a degree at the University of Sydney majoring in Plant Science, with an Honours project in Botany. Dan also participated in the Plant Science Internship run by the National Herbarium of NSW (Royal Botanic Gardens, Sydney) in 2009. He is currently the Conservation Officer for APS Sutherland Group.

Please bring plant specimens for the specimen table.

Supper will be provided.

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



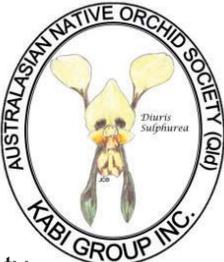
*Phaius bernaysii*

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# ANOS



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7th Australasian Native Orchid Society  
Conference & Show.

Held at Strathpine (Queensland, Australia). Hosted by Kabi Group (Inc).  
Full Conference 22–25 August 2013  
Public show dates 23–25 August 2013

For the fuller details see [www.ourshopfront.com/kabi](http://www.ourshopfront.com/kabi) and follow the link.

## Vale Noel Gane

This is a condensed version of a tribute prepared by Hugh Stacy with the help of some of Noel's friends and the Sydney branch of the Eremophila Study Group.

Noel was an original member of the East Hills District Group. He attended APS meetings regularly for over 50 years, until moving into care at Hammondville.

Noel was a carpenter by trade and a practical man who preferred to leave the business discussion to others. He spoke easily with conviction and confidence, never happier than when describing his methods of propagation and cultivation of his beloved Balmain Tigers.

Noel's garden was on rich flood-plain soil at Panania, but that didn't stop him adding his famous 'Condell Park Caviar' – horse stable manure. Noel had a single-minded passion for eremophilas at least back to the mid 1960s: in all that time he grew them prolifically, and little else. To him it was irrelevant that these desert dwellers survive naturally on next to nothing – his garden was living proof of their response to extra nourishment. Justifiably proud of his garden and happy to share his experience with others who showed genuine interest, Noel encouraged many local group members and those in the Eremophila Study Group.

Bill Payne (another foundation member of East Hills Group) was a work colleague and life-long friend of Noel's.

Although in his personal life he suffered much sadness, Noel always maintained an optimistic outlook, facing the world with a smile and ready sense of humour. All who knew him will remember him with affection and respect.



Noel in his garden  
with his beloved  
eremophilas in 2005  
Photo: Ian Cox

## New members, January 2013

Merle Thompson, Membership Officer

The Australian Plants Society NSW warmly welcomes the following 24 new members (19 memberships) and wishes each of you a long, rewarding and enjoyable association with the Society.



Jeffrey Alexander	Warrimoo
Terry Annable	Cooranbong
Olga & John Barrie	Heathcote
Ruth Bastick	Panania
Justin Blows	Lane Cove
Michael Brennan	Chatswood
Liz Caddick	South Golden Beach
Nationalbibl Og Kbh. Univ. Bibl	Denmark
Louise & John Dominish	Llandilo
Kath Gadd	East Corrimal
Talia Gruschka	East Maitland
Christina Hughes	Lilyfield
Mandy McDonald & Sean Hobson	Cardiff South
Allan & Lynette Mitchell	Armidale
Margaret Edna & John Charles Mitchell	Aberdeen
Jessica Taylor	Manilla
Lesley Anne Vincent	Red Hill
Ron & Herta Watts	North Epping
Neil Wilson	Armidale

### Vale

It is with sadness that we learnt of the deaths of the following members in recent months. The Board extends condolences to their families and friends.

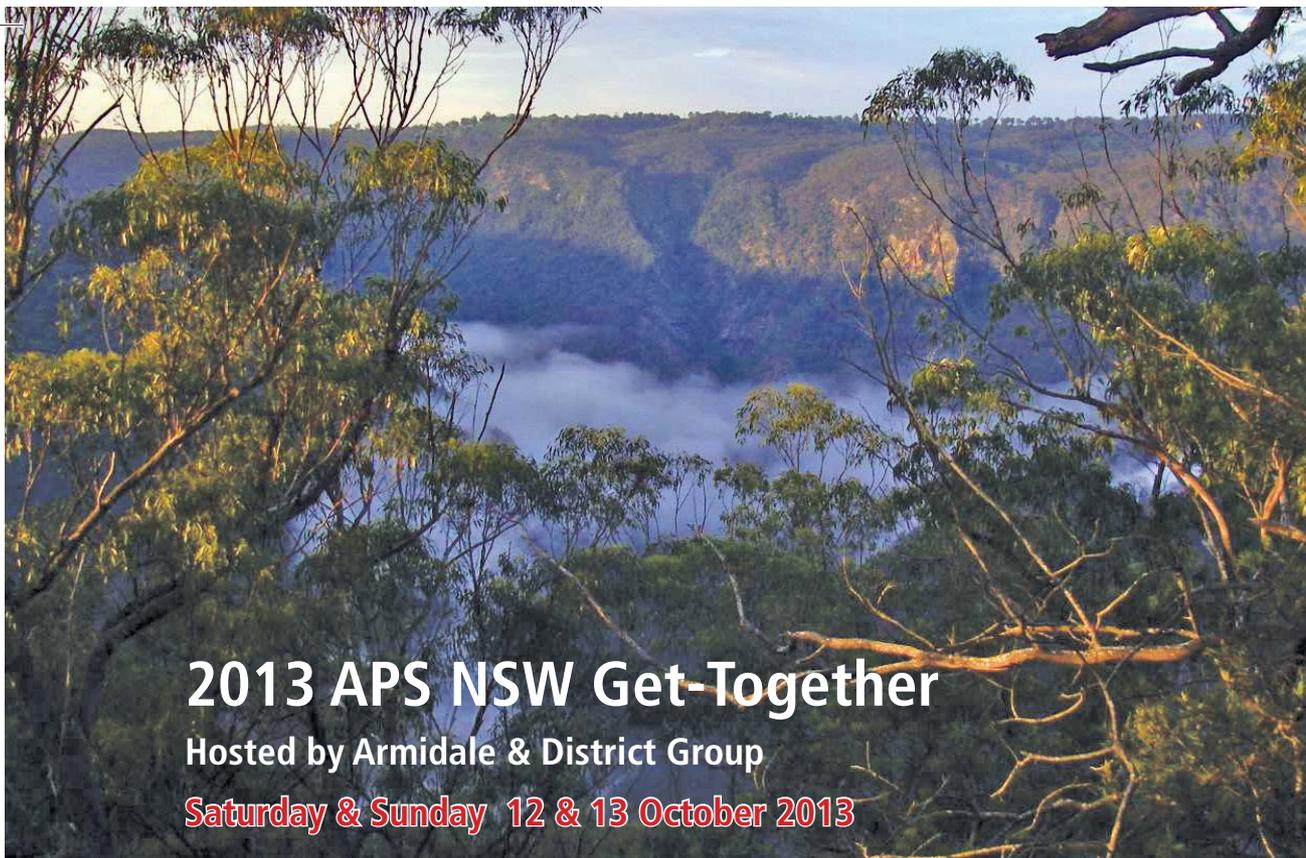
**James Douglas** recently of Blakehurst and formerly of Oatley.

**Beth Forbes** of Nowra and formerly Sutherland Groups.

**Isobel Hoegh-Guldberg** a founding member of Central West Group. There is a tribute to Isobel on page 16.

**Trevor Nicholson** of Sutherland Group.

**John Taggart** of Central Coast Group and previously Parramatta and Hills District. John is the husband of life member, Audrey Taggart.



## 2013 APS NSW Get-Together

Hosted by Armidale & District Group

**Saturday & Sunday 12 & 13 October 2013**

The Annual Get-together is increasing in popularity each year and deservedly so, as attendees discover the joy of meeting like-minded native plant enthusiasts in a well-organised, informative and friendly program of activities in fantastic surroundings. This year the Get-together is being hosted by the Armidale and District Group with the backdrop of the wonderful New England region, centred on the beautiful city of Armidale with its fine heritage buildings. It is home to major cultural institutions and offers excellent accommodation, restaurants, galleries and shopping. Out of town are a number of national parks containing a wide range of ecosystems and of course fascinating native plants. Staying in the area a few days longer than the get-together is recommended so that you can enjoy some of the great local attractions.

For early arrivals the program includes a variety of free tours on Friday afternoon and the annual Presidents' Dinner in the evening. We hope to have representatives from as many of the NSW Groups as possible. On Saturday the program is in full swing with garden visits and a bus trip to Dangars Falls and McCrossins Mill in Uralla where the get-together dinner is being held. On Sunday the Sheather's property 'Yallaroo' will be open with its huge plantings of New England flora.

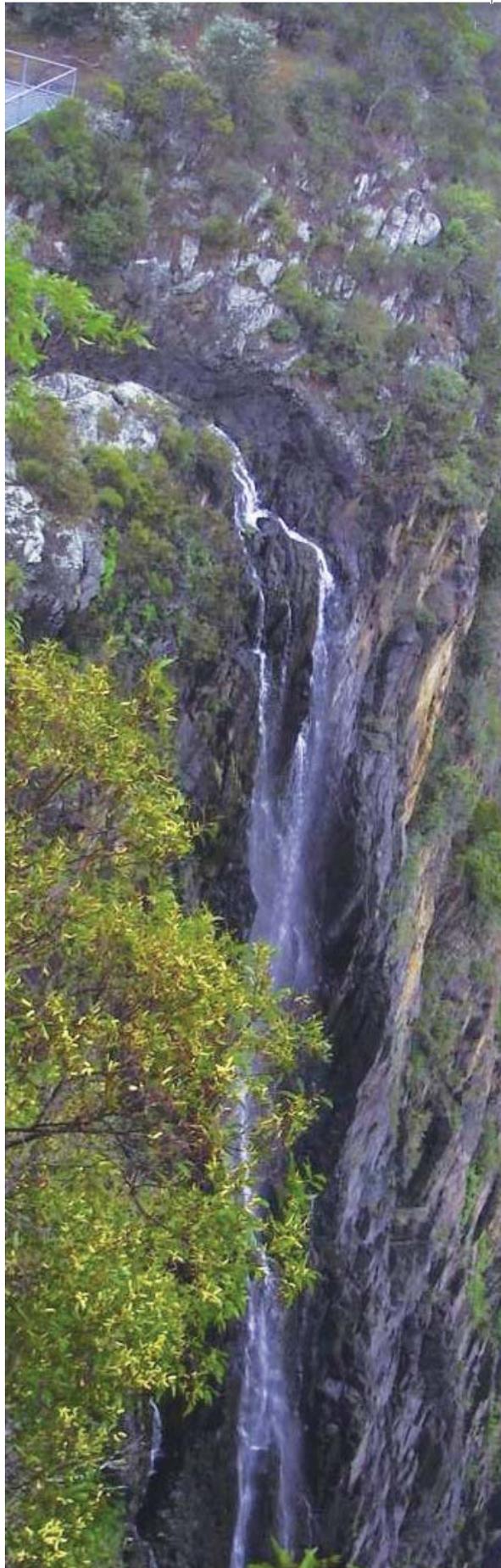
A registration form for the Get-together is on page 24. More details including links to accommodation sites can be accessed from the APS website [www.austplants.com.au](http://www.austplants.com.au) via the 'Special Events' tab.

On Saturday afternoon we will be taking you to see Dangars Falls. These spectacular falls tumble 120m down a rock face into the deep gorge. There are several viewing platforms overlooking the falls which are at their best after a lot of rain. The platforms are easily accessible along tracks leading from the carpark. This extensive gorge country which is the edge of the Tablelands escarpment is a declared wilderness area and is challenging country for bushwalkers. Due to its inaccessibility it is home to many rare plants and untouched bushland.

The top of the gorge is predominantly Eucalyptus woodland dominated by *Eucalyptus andrewsii*, *E. caliginosa*, *E. laevopinea*, *E. melliadora* and *Angophora floribunda*. The understorey has some interesting plants including the endemic *Acacia ingramii*, named after an early enthusiast and educational leader. *Pomaderris lanigera* lines the walking track leading down to the river and here and there the green woolly leaved form of *Correa reflexa* can be spotted in amongst the grasses. The very rare *Hakea fraseri* grows in secluded places in the gorge.

Dry rainforests dominate the bottom of the gorge and sheltered cliff sides. These are fairly rare ecosystems. They feature Brush box, Lacebark, Birds Nest ferns, Native Rosella and Moreton Bay fig.

The park is a major refuge for the threatened Brush-tailed Rock-wallaby.



# 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

Registration details: please print clearly



**Registration Deadline: 31 August 2013**

Name 1: .....

Name 2: .....

Name 3: .....

Name 4: .....

Postal address: .....

.....

Phone: ..... Mob: .....

Email: .....

District Group: .....

Special dietary needs: .....

## Please fill in the total costs

Registration (\$25.00 per person) \$.....  
(includes morning teas and cut lunch on Saturday)

Bus transport on Saturday (\$15 per person) \$.....  
(Armidale Visitor Centre to Dangars Falls, McCrossins Mill and back)

Saturday Dinner (\$45 per person) \$.....  
(includes 2 course meal, wine, tea and coffee and speaker)

Total: \$.....

## Payment by

Cheque (To APS Armidale & District Get-together) Y / N

Bank transfer BSB: 932000 Account: 100308465 Y / N

Name of Account: Australian Plants Society Armidale & District

Reference: Your family name

**Registration Secretary: Maria Hitchcock (02) 6775 1139**

**Mail form and payment to: 16 Hitchcock Lane Armidale 2350**

**Email form to: [maria.hitchcock@gmail.com](mailto:maria.hitchcock@gmail.com)**

# 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: Barbara Nevin ☎ (02) 6775 2128  
Email: barbaranevin@hotmail.com  
Secretary: Helen Schwarz ☎ (02) 6772 1584  
PO Box 166, Armidale NSW 2350  
Email: woshes@bigpond.com  
**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: Dick Turner  
Secretary: Alix Goodwin ☎ (02) 4739 1571  
PO Box 23, Glenbrook NSW 2773  
Website: www.apsbluemtngroup.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 Hoesel ☎ (02) 4339 1274  
Email: elizabeth44@optusnet.com.au  
**Meetings:** Phillip House  
21 Old Mount Penang Road, Kariang  
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: l.burgett@bth.catholic.edu.au  
**Meetings:** Monthly at alternating centres.  
Contact the secretary for details.

## Coffs Harbour

President: Dr M Duggan ☎ (02) 6649 3202  
Email: morris@guarana.org  
Secretary: Gwyn Clarke ☎ 0419 414 324  
123 Sandstone Dr, Kungala NSW 2460  
Email: gcl.38500@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: Conny Harris ☎ (02) 9451 3231

Email: conny.harris@gmail.com

Joint Secretaries:

Jan Krone ☎ (02) 9451 9609

Julia Tomkinson ☎ (02) 9949 5179

PO Box 393 Dee Why NSW 2099

**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: barrylees@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 Feb, 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.

## Seed Bank Annual List

John Randal, Seed Bank Curator

Seed is available free to members. The seed list is published annually in the April issue of *Native Plants for New South Wales* (see pp 30 & 31) with additions and deletions being published in the other three issues.



Copies of the full list can be obtained by forwarding a stamped (60c) SAE to the curator.

Maximum number of seed packets per request is six (6).

Requests for seed must be accompanied by a stamped self-addressed envelope (\$1.20; 110mm x 220mm).

Please address seed requests in alphabetical order and include a list of alternative selections.

Address requests to: John Randall  
8 Coachmans Place  
Mardi NSW 2259

Seed donations are welcome and are vital if the seed bank is to remain viable. Please state the source of seed, whether from natural or cultivated material. Please do not send seeds from hybrid plants.

**Due to huge demand over the last few months we are running low on Grevilleas and east coast Banksia species. I would welcome any donations to the seed bank.**



**APS NSW on the web**  
[www.austplants.com.au](http://www.austplants.com.au)

For the latest information about your society see the web site, where you can also read articles, newsletters and participate in the forum about all aspects of native plants.

## Seed bank list: April 2013

**Acacia** – amoena, ashbyae, buxifolia, conferta, cognata, covenyi, cultriformis, deanei, decurrens, elata, elongata, falcata, fimbriata, fimbriata (dwarf), glaucoptera, iteaphylla, littorea, linophylla, macradenia, mearnsii, melanoxydon, myrtifolia, neriifolia, obtusifolia, prominens, pulchella, pycnantha, rubida, saligna, simsii, sophorae, stricta, suaveolens, terminalis, ulicifolia, ulicifolia var. brownei, verniciflua, vestita, victoriae

**Allocasuarina** – cunninghamiana, decaisneana, distyla, littoralis, nana, torulosa, verticillata

**Angophora** – costata, hispida

**Artanema** – fimbriatum

**Baeckea** – virgata, virgata (Clarence River form)

**Banksia** – integrifolia, oblongifolia, serrata

**Billardiera** – cymosa

**Bossiaea** – stephensonii

**Brachychiton** – acerifolius, discolor, rupestris

**Callicoma** – serratifolia

**Callistemon** – linearis, montanus, pallidus, pinifolius (red), rigidus, rugulosus, sieberi

**Callitris** – intratropica, muelleri, oblonga, preissii, rhomboidea

**Casuarina** – cunninghamiana, glauca

**Citrus** – australasica

**Cordyline** – stricta

**Corymbia** – (formerly Eucalyptus) citriodora, eximia, intermedia, maculata, peltata ssp. leichhardtii, tessellaris

**Darwinia** – macrostegia

**Dodonaea** – baueri, peduncularis, pinnata, rupicola, viscosa ssp. cuneata

**Doryanthes** – palmeri

**Drypetes** – australasica

**Eucalyptus** – acaciiformis, acmenoides, apiculata, astringens, bancroftii, baxteri, behriana, botryoides, burgessiana, caesia ssp. caesia, caesia ssp. magna, camaldulensis, capitellata, clelandii, coccifera, cordata, cordieri, coronata, crebra, curtisii, delegatensis, dumosa, dwyeri, ebbanoensis, elata, erythrocorys, eudesmioides, fibrosa, gardneri, globoidea, gomphocephala, grandis, grossa, luehmanniana, longicornis, longifolia, macrandra, maidenii, moluccana, nicholii, nitida, nutans, obliqua, oblonga, olsenii, ovata, paniculata, pellita, phoenicea, pilularis, piperita, planchoniana, platypus var. platypus, pleurocarpa, polyanthemus, preissiana, pseudoglobulus, pumila, punctata ssp. punctata, racemosa, resinifera, rhodantha, robusta, saligna, siderophloia, sideroxylon, sieberi, socialis, stowardii, tereticornis, torquata, umbra, viminalis, woodwardii

**Flindersia** – australis

**Gahnia** – melanocarpa, sieberiana

**Gossypium** – sturtianum

**Grevillea** – banksii (red)\*, johnsonii, longistyla

**Hakea** – grammatophylla, saligna

**Hardenbergia** – violacea (white/pink)

**Hibiscus** – geranioides, panduriformis, splendens, trionum

**Hovea** – acutifolia, elliptica, lanceolata

**Hymenosporum** – flavum

**Indigofera** – australis

**Isopogon** – anethifolius

**Isotoma** – axillaris

**Lixiolaena** – brevicompta

**Kennedia** – coccinea, macrophylla, rubicunda

**Kunzea** – ericoides

**Leptospermum** – arachnoides, continentale, juniperinum, laevigatum, lanigerum, liversidgei, novae-angliae, petersonii, polygalifolium, rotundifolium, rupestre, speciosum, squarrosum

**Libertia** – paniculata

**Linum** – marginale

**Lomatia** – fraseri, silaifolia

**Lophostemon** – confertus

**Melaleuca** – armillaris, coccinea, cordata, hypericifolia, linariifolia, nesophila, preissiana, quinquenervia, saligna

**Notelaea** – ovata

**Olearia** – axillaris

**Pandorea** – jasminoides, pandorana

**Paraserianthes** – (syn. Albizia) lophantha

**Pelargonium** – australe

**Philydrum** – lanuginosum

**Pittosporum** – angustifolium, revolutum

**Pultenaea** – flexilis, skinneri

**Rhodospaera** – rhodanthema

**Senna** – acclinis, aciphylla, barclayana, clavigera, coronilloides, nemophila var. zygophylla, odorata, odorata (prostrate)\*, planitiicola, sturtii.

**Sophora** – tomentosa

**Stenocarpus** – sinuatus

**Swainsona** – sejuncta (yellow, pink)

**Syncarpia** – glomulifera, hillii

**Tecomanthe** – hillii

**Toona** – ciliata

**Viminaria** – juncea

**Xanthorrhoea** – australis, glauca, macronema

\* Where colours and specific growth habits are shown against the name of the species, this indicates that the seed came from a plant with those features. There is no certainty that the colours or features will be retained by seedlings.

## Great Native Plant Photos

Many APS members are keen and capable photographers. The evidence is plain to see in some of the group newsletters. This journal also needs good quality images to adorn its pages.

If you have photos of native plants that are really good, please share them with other members by contacting the office (p51) and offering your images to the editor. They could be used for the covers, to illustrate articles or for photo essays. Some of the interstate journals are outdoing us in this regard. Come on NSW, I'm sure that fantastic images are out there – you just need to share them.



## *Banksia serrata* 'Superman'

By Maria Hitchcock, a member of the Armidale and District Group. Maria brought some spectacular fruit of this plant to the recent APS quarterly meeting. All who saw it were impressed.

Remember the Big Bad Banksia Man, the villain in the May Gibbs story 'Snugglepot and Cuddlepie' which was written in 1918? This was a period in our history when Australians were very nationalistic and expressed it with a huge interest in the Australian bush. This form of nationalism began in the 1880s and ran hand-in-hand with the move towards Federation. Native-born Australians wanted to distinguish themselves from British-born colonists and they looked to nature for their symbols. Thus we have emu, kangaroo and wattle on the Coat of Arms. It was a time of the flowering of bush poetry with notable poets like Henry Lawson and Banjo Patterson romanticising the outback for a reading public that was becomingly increasingly urban. The Great War of 1914-18 saw our soldiers fight as Australians for the first time. Mothers sent sprigs of wattle and gum leaves in with their letters to remind their sons (and a few daughters) of home. After the war the interest in nature continued. The Big Bad Banksia Man was modelled on *Banksia serrata*, called the Saw Banksia because of its sharply serrated leaves or Old Man Banksia because of its gnarled appearance and warty trunk.

Banksias belong to the Proteaceae family, which is a really old family of plants dating back to Gondwana times when Africa, Australia and South America were connected in one giant land mass. You know that Graeme Connors song that goes...'I head a little further north each year...' Well that's what is happening to Australia. I suppose one of these days in the distant future, boat-people won't have to travel in boats but will merely step across a narrow gap as we collide with Indonesia. *Banksia serrata* comes from the coast but will survive in colder climates if planted in a sheltered spot. I discovered an unusually large flowered form of this species in 1987 and called it *Banksia serrata* 'Superman'. I planted two trees near my shadehouse thinking that they would only grow to shrub size and would be cut back by the frosts each year. How wrong I was! Both trees are now about 8 metres high and last year they were covered in the most spectacular huge grey brushes which stood up like big fat candles. Flowering this year is not as good, probably due to the dry spring. This is a plant which needs good drainage but likes regular watering. In the wild I have observed trees growing with roots almost in brackish water. Mine are watered automatically every day. The grey buds gradually turn yellow as styles emerge and



then brown as they die. Seeds form in hard woody follicles which look like giant mouths poking out of the dead brush. They need a bushfire to open them. I put them in a hot oven until they start to split and release their black winged seeds. *B. serrata* 'Superman' appears to be hardier to frost than the normal Old Man Banksia but it is not very drought hardy. Unlike some other Australian plants it has a gentle root system and can be planted up against the house.

I have donated the rights to this plant to the Society and plans are underway to apply for PBR status.

# APS NSW Website update

## Images on the website – viewing and posting

Mark Abell, APS NSW Publicity Officer and Web Master

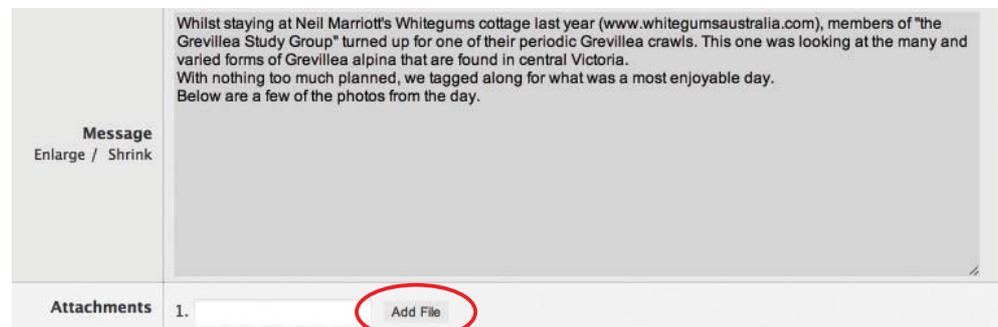
The APS NSW Facebook photo galleries are now integrated into the website – to see them, go to the left of the page at the bottom of the ‘Resources’ menu. This makes it very easy to add photo galleries to the web site. Don’t forget to check out our Facebook page – <http://facebook.com/APSNSW>, items of interest are being added all the time.

### APS on YouTube

Thanks to Liz Aitken, APS NSW now has a YouTube channel to host video content – [www.youtube.com/user/AustPlantsSocietyNSW/](http://www.youtube.com/user/AustPlantsSocietyNSW/) – there is already a good range of videos to check out. More videos are being added on a regular basis.

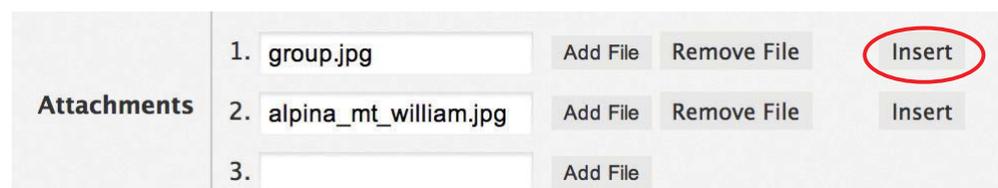
### Adding photos to a forum post.

You can easily enhance forum posts with some photos. When entering a post on the forum you first need to select the photos to upload, done by selecting ‘Add File’ in the attachments area.

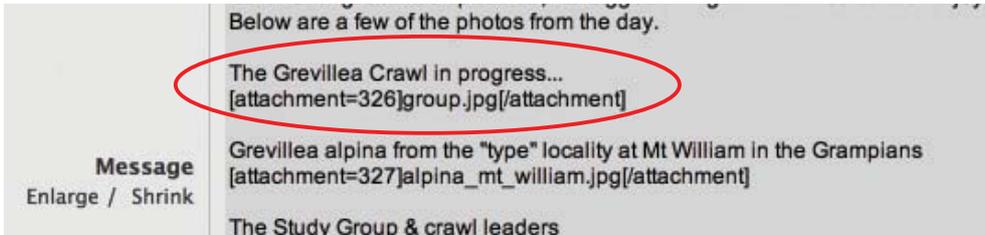


You then pick the picture that you want to add by selecting it from the pop-up window that will now appear.

You can repeat this process to add additional pictures.



Once you have selected a couple of photos to upload, you then need to add them into the post. This is done by moving the cursor to the place in the post where you want the photo and clicking on 'Insert'. You should see something like '[attachment:1]group.jpg[/attachment]' in your message.



Next click on 'Submit' to upload the post. Depending on the size of the photos, it may take a little time to upload. NOTE: Any oversize images get resized on upload to a maximum of 800 pixels across.

If you do not see the larger photos and only see tiny thumbnails instead, it means that you have not 'Inserted' them into the body of the post.

#### Attachments:



You can fix this by 'Editing' the post and clicking on the 'Insert' link next to the picture, then click on 'Submit' to save the changes.

TIP: If the photos are large (> 1MB), try adding only 1 or 2 photos at a time. The forum can timeout on larger uploads. You can always edit the post to add additional pictures.



#### 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.

## APS Out and About – Tamworth Group

Tamworth Group participated in a plant donation to the people of Coonabarabran after the recent devastating bush fires in the area.



Donated plants being unloaded at Coonabarabran show grounds on 9 February 2013.

Photo: Lyn Carr

Tamworth APS Group received a request to help with plants for those who had lost their gardens around Coonabarabran. Their February meeting was tempered by the needs of others as members brought in seeds and cuttings to share. These were delivered the next day when a busload of people and plants went to Coonabarabran for the races and to help with fund raising and moral support for the fire victims.

A more detailed account of this is given in the Tamworth Group newsletter of March 2013 which can be found on the APS NSW website.

*This is a new feature in Native Plants for NSW. This page is intended to display an APS group activity from anywhere in the state with a photo and a brief paragraph of explanation. The aim is to show the range of activities groups and members can be involved with – if they decide to 'give it a go'. I'd like to feature as many groups as possible in coming issues but I need contributions— all you have to do is send a photo with a brief description and there's a good chance your group could feature.*



## **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.

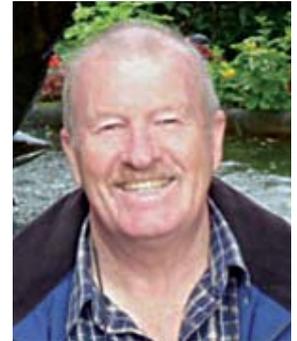
*For more information contact:*

[www.sgapqld.org.au](http://www.sgapqld.org.au) <http://anpsa.org.au> [anpsa2013@sgapqld.org.au](mailto:anpsa2013@sgapqld.org.au)

## APS NSW Board jottings

John Aitken, President APS NSW

A summary of major decisions made by the Board at recent meetings.



### 3 December 2012

- The Board received a letter from Kyrill Taylor resigning as a director of APS NSW and the projects committee. The Board accepted Kyrill's resignation with regret and expressed its appreciation for his valuable contribution over many years as a delegate of the East Hills Group and as a Board member.
- The Board accepted Carmel Spark's resignation as APS NSW representative on the Burrendong Arboretum Trust due to ill-health. The Board expressed its appreciation of her valuable contribution as the APS NSW representative over a number of years. A new representative is being sought.
- 15 new memberships (19 members) were accepted by the Board.
- The Board approved a payment of \$600 to the Australian Plant Conservation Foundation, which includes a three-year membership renewal and a donation.
- The name for the APS NSW Regional meetings will be changed to 'APS NSW quarterly meetings' from 2013. There will continue to be four meetings each year, held in February, May, August and November.
- The AGM will be held at Ermington on 17 May 2013 and the venue has been booked.
- The Australian Botanic Garden at Mount Annan was suggested as the venue for the August 2013 APS NSW quarterly meeting.
- APS NSW will produce an exhibition banner with pictures of members enjoying APS activities. This will be available for use by Groups.
- The Central Coast Group will host the 2014 APS NSW Annual Group Get-together.

## 11 February 2013

- Graeme Ingall and John Aitken will prepare a membership report, which will include a review of types of memberships, the membership application/renewal form, online memberships and level of membership fees.
- The ANPSA newsletter will be included with the Group newsletters on the APS NSW website.
- District Groups will be asked to nominate two delegates to attend the ANPSA annual conference at the Sunshine Coast in August 2013.
- Letters were sent to Kyrill Taylor and Carmel Spark expressing the Board's appreciation of their valuable efforts on behalf of APS NSW.
- Up to \$1,500 was approved for the purchase of a new computer for the office to replace an outdated computer whose hard drives had crashed and could not be repaired and for the retrieval of data from the faulty hard drives.
- It was agreed to upgrade the Office accounting software, MYOB, which is five years old, to the new version at \$35/month (\$420/year).
- 13 new memberships (17 members) were accepted by the Board.
- \$400 was allocated for the purchase of flowers for the APS NSW promotional display at the RAS Easter Show 2013.
- APS NSW will become affiliated with the Better Planning Network.
- Bob Ross, as Conservation Officer, will undertake the following:
  - (a) develop a strategy for APS NSW to become actively involved in the conservation of threatened species.
  - (b) write a regular article in *Native Plants for NSW* on threatened plant species in NSW. [The first of these articles, about the Merimbula Star-Hair, (*Astrotricha* sp. Wallagaraugh) can be seen on page 9 of this issue – Ed.]
  - (c) email each Group explaining the objectives of the Better Planning Network and recommend that they join the Network.

## Study Group notes

Rhonda Daniels, Study Group Liaison Officer

In encouraging people to join a Study Group, the hardest step seems to be deciding which one of the many interesting groups to join! With such low fees, why not join one or two groups for a year, read the newsletters, and see how you can make a contribution. Focus on what already grows in your garden, or alternatively, what you would like to grow or know more about.



### **Garden Design Study Group (November 2012, No. 80)**

We all face different constraints in garden design. One member in the Central Tablelands of NSW reports that sweeps of grasses look good, but they encourage kangaroos into the garden with disastrous results. Plants are broken as the 'roos move through, and the juveniles appear to positively enjoy mutilating plants'. Another member in Canberra has roaming kangaroos which keep the smaller grasses under control and swamp wallabies which eat anything but grass.

### **Correa Study Group (December 2012, No. 47)**

On the theme of 'we all love to attract wildlife to our gardens', a member reports that red-necked wallabies are targeting correas and mature large bushes hardly have a leaf left, with bushes being jumped on, smashing them down to get even the topmost leaves.

The National Correa Collection is held in Armidale, but it is important to involve as many gardeners as possible because that is the best way to preserve various forms from the wild and in cultivation.

### **Acacia Study Group (December 2012, No. 119)**

A wide range of topics is featured including preparing Acacia seeds for eating, the nine Australian species of *Vachellia*, germination of Acacia seeds, an up-to-date list of the 500 species in the Seed Bank, and some new Acacia selections such as a gold-foliaged *Acacia baileyana*, with gold in late winter-spring on the new growth. [*Vachellia* is one of the genera which *Acacia* spp were moved into after the recent decision to split the genus. Generally Australian species remained in *Acacia*, but a small number of our tropical acacias were renamed as *Vachellia*.]

### **Eucalyptus Study Group (December 2012, No. 57)**

New research on giant *Eucalyptus* species suggests gigantism in eucalypts evolved opportunistically within the last 20 million years when the ideal environmental conditions for rapid tree growth were combined

with the presence of wildfire. Giants such as *Eucalyptus regnans* should be recognised as species of rainforest trees, albeit with a unique dependence on fire. The issue also features a tree profile on *Corymbia gummifera*, the first specimen of which was collected by Banks and Solander at Botany Bay in 1770. It is very adaptable and tolerant.

#### **Eremophila Study Group (January 2013, No. 105)**

There is now an Eremophila Growers Facebook page which is a quick and easy way for the Study Group to share urgent messages such as identification queries, pest problems, requests for cutting material or availability of species. Charles Farrugia reports on which eremophilas in his Sydney garden coped with above-average rainfall. The Study Group was saddened by the death of member Noel Gane, known as Mr Eremophila for his Panania garden full of emu bushes and his knowledge, experience and considerable prowess at propagation.

#### **Grevillea Study Group (February 2013, No. 94)**

A reminder that great places to see grevilleas in Sydney include the Olde garden 'Silky Oaks' at Oakdale on 27-28 April, and the Illawarra Grevillea Park during its open weekends (see [www.grevilleapark.org](http://www.grevilleapark.org)). The issue reports that Kurunga Nursery in Victoria has employed a skilled plant grafter which will greatly increase the number of grevillea species available to the public, including rare species from the official Grevillea Study Group collection. The 'How old is a cutting-grown plant' discussion topic asks if someone can provide a scientific explanation of the proposition that a cutting grown plant is effectively genetically the same age as the specimen from which it was taken.

#### **Fern Study Group (December 2012, No. 127)**

This issue includes an article on multi-stemmed *Cyathea australis* in south-east Queensland and possible causes, a list of fern spore available to members, and monthly activities in the Sydney region.

#### **Hibiscus and Related Genera Study Group (Nov 2012, No. 27)**

A Study Group member has released three native Hibiscus cultivars which are small bushy shrubs to 2 m with no or very few prickles. The range is available through retail nurseries with a trial run planned with a large chain store. Look out for *Hibiscus* 'Aussie Pearl', 'Aussie Pink' and 'Aussie Delight'. Plant names are an important marketing tool – would you like to buy (or consume) the new *Hibiscus* 'Banana Smoothie'? This issue also features *Hibiscus sturtii*, with its eight varieties covering most of the continent, especially the dry inland parts.

# Study Groups 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

## 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](http://www.austplants.com.au).

### April 2013

Date	Day	District Group	Event
3	Wed	East Hills	Meeting 7.30 pm at Peakhurst South Primary School Library, Monterra Ave, Peakhurst. Speaker: Karlo Taliana on Eastern Banksia Cultivars
		Newcastle	Meeting 7.30 pm at The Wetlands Centre, Sandgate Rd, Shortland
4	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
6	Sat	Central Coast	Propagation day 10 am at the Old Pioneer Dairy wetlands at South Tacoma
		Southern Tablelands	Walk at Barren Grounds
7	Sun	Blue Mountains	Outing to Mt Annan Botanic Gardens
8	Mon	North Shore	Walks and Talks: Eucalypts, Angophoras and Corymbias (Myrtaceae)
10	Wed	Parramatta and Hills District	Propagation: 10 am at Bidjiwong Community Nursery
		Coffs Harbour	Meeting 7:30 pm at Botanic Gardens Display Room, Hardacre St, Coffs Harbour. Speaker: from Canberra
		Menai	Meeting 7.30 pm at Illawong Rural Fire Brigade Services, Old Illawarra Rd, Illawong. Speaker: Lloyd Hedges about his 2012 trip to WA
11	Thu	Nowra	Meeting 8 pm at Nowra Town Band Hall, 174 Kinghorne St, Nowra
		Hawkesbury	Meeting at Council Nursery, McGraths Hill. Contact Rick Jamieson on 4572 1321

## April 2013 (continued)

Date	Day	District Group	Event
12	Fri	North Shore	Meeting 8 pm at Willow Park Community Centre, 25 Edgeworth David Ave, Hornsby. Speaker: Markus Riegleron Why are so many trees dying in Western Sydney?
		Central Coast	Meeting 7.30 pm at Phillip House, 21 Old Mount Penang Rd, Kariong. Speaker: Mark Abell on using native fish & plants to create attractive native water-gardens
14	Sun	Blue Mountains	Reserve planning workshop 10 am-1 pm
		Central Coast	Bushwalk to Bambara Road, Kariong
16	Tue	Armidale and District	Forum 7.30 pm at TAFE Library Seminar Room, Beardy St, Armidale
		Newcastle	Mid-weekers outing: Broken Back Range
17	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. Speaker: Cas Liber on East Coast Banksia species
26	Fri	Parramatta and Hills District	Meeting 8 pm at Barton Hall, Anglican Retirement Villages, David Rd, Castle Hill
28	Sun	Armidale and District	8 am – 1 pm Markets in the Mall
28	Sun	Sutherland	<b>50th Anniversary Afternoon Tea. 2 – 5 pm at Kareela Golf Club. Contact Rhonda Daniels on 9521 8381 for details</b>

## May 2013

Date	Day	District Group	Event
1	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
4	Sat	South East Region	Meeting at alternating locations. Contact President or Secretary
		Southern Tablelands	Walk to Cookbundoon Reserve
5	Sun	Blue Mountains	Photography Workshop 10 am – 1 pm at the Information Centre
		Coffs Harbour	Outing to Bruxner Park and private garden

### May 2013 (continued)

Date	Day	District Group	Event
6	Mon	North Shore	Walks and Talks: Banksia (Proteaceae)
8	Wed	Menai	Meeting 7.30 pm at Illawong Rural Fire Brigade Services, Old Illawarra Rd, Illawong. Speaker: Noel Summerell on Native Bonsai
		Coffs Harbour	Meeting 7:30 pm at Botanic Gardens Display Room, Hardacre St, Coffs Harbour. Speaker: Mark Duggan on Volcanic & Botanic hotspots – the Cainozoic volcanoes of eastern Australia & their flora
		Parramatta and Hills District	Propagation: 10 am at Bidjivong Community Nursery
9	Thu	Northern Beaches	Meeting 7.30 pm at Stony Range Botanic Garden, Dee Why
		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.
10	Fri	North Shore	Meeting 8 pm at Willow Park Community Centre, 25 Edgeworth David Ave, Hornsby. Speaker: Karlo Taliana on Growing Western Flora in the East
		Central Coast	Meeting 7.30 pm at Phillip House, 21 Old Mount Penang Rd, Kariong
12	Sun	Central Coast	Walk around Pearl Beach rock platform
13	Mon	North Shore	Walks and Talks: Parts of the plant – Fruit
15	Wed	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
		Sutherland	Meeting 8 pm at Gymea Community Centre, Gymea Bay Rd, Gymea. Speaker: Peter Olde on the Botanical history of the Sutherland Shire
17	Fri	<b>APS NSW</b>	<b>Quarterly Meeting and AGM. 7.30 pm at Ermington Community Centre, River Rd, Ermington.</b>
20	Mon	North Shore	Walks and Talks: Ferns, cycads and conifers
21	Tue	Armidale and District	Forum 7.30 pm in TAFE Library Seminar Room, Beardy St, Armidale.
		Newcastle	Mid-weekers outing: Parry Place working bee

## May 2013 (continued)

Date	Day	District Group	Event
24 – 27	Fri – Mon	Central Coast	Mudgee weekend
26	Sun	Armidale and District	8 am – 1 pm Markets in the Mall
27	Mon	North Shore	Keying/ PlantNET

## June 2013

Date	Day	District Group	Event
3	Mon	North Shore	Walks and Talks: Plant Communities
5	Wed	Newcastle	Meeting 7.30 pm at The Wetlands Centre, Sandgate Rd, Shortland
		East Hills	Australian Plants Trivia Night 7.30 pm at Peakhurst South Public School Library. \$5 per head. Form a table of six or join a table of APS members. RSVP 27 May 2013
		Armidale and District	1 pm – 3 pm Arboretum working bee
6	Thu	Northern Beaches	Meeting 7.30 pm at Stony Range Botanic Garden, Dee Why
7	Fri	Southern Highlands	Meeting 2 pm at CWA Room, next to council building in Elizabeth St, Moss Vale
		Blue Mountains	Meeting 8 pm at Native Plant Reserve, GWH, Glenbrook. Speaker: Dick Turner on Fungi in the Forest
12	Wed	Southern Tablelands	Meeting. Contact secretary for details
13	Thu	Menai	Meeting 7.30 pm at Illawong Rural Fire Brigade Services, Old Illawarra Rd, Illawong. Speaker: Chris Lloyd on Powerful Owls
		Nowra	Meeting 8 pm at Nowra Town Band Hall, 174 Kinghorne St, Nowra
14	Fri	Hawkesbury	Meeting at Council Nursery, McGraths Hill. Contact Rick Jamieson on 4572 1321
		North Shore	Meeting 8 pm at Willow Park Community Centre, 25 Edgeworth David Ave, Hornsby – Peter Abell on Potting Mixes
		Central Coast	Meeting 7.30 pm at Phillip House, 21 Old Mount Penang Rd, Kariong. Speaker: John Akehurst on The Joys of Photography
15	Sat	Central Coast	Walk in the Bucketty area
17	Mon	North Shore	Walks & Talks: Rainforests
18	Tue	Newcastle	Mid-weekers outing: Dudley Bluff

### June 2013 (continued)

Date	Day	District Group	Event
19	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. Speaker: Mark Wolf on Weeds in the Home Garden
24	Mon	North Shore	Walks & Talks: Longer walk (bring lunch and water – return approx. 2.30 pm)
28	Fri	Parramatta and Hills District	Meeting 8 pm at Barton Hall, Anglican Retirement Villages, David Rd, Castle Hill
30	Sun	Armidale and District	8 am – 1 pm Markets in the Mall

### July 2013

Date	Day	District Group	Event
3	Wed	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
4	Thu	Northern Beaches	Meeting 7.30 pm at Stony Range Botanic Garden, Dee Why
6	Sat	South East Region	Meeting at alternating locations. Contact President or Secretary
		Southern Tablelands	Walk to Bush Bottoms
10	Wed	Coffs Harbour	Meeting 7:30 pm at Botanic Gardens Display Room, Hardacre St, Coffs Harbour.
		Menai	Meeting 7.30 pm at Illawong Rural Fire Brigade Services, Old Illawarra Rd, Illawong
		Parramatta and Hills District	Propagation: 10 am at Bidjiwong Community Nursery
11	Thu	Hawkesbury	Meeting at Council Nursery, McGraths Hill. Contact Rick Jamieson 4572 1321
		Nowra	Meeting 8 pm at Nowra Town Band Hall, 174 Kinghorne St, Nowra
12	Fri	Central Coast	Meeting 7.30 pm at Phillip House, 21 Old Mount Penang Rd, Kariong. Speaker: Wendy Grimm on Orchids
		North Shore	Meeting 8 pm at Willow Park Community Centre, 25 Edgeworth David Ave, Hornsby – Jeremy Smith on Floristry with Natives

## July 2013 (continued)

Date	Day	District Group	Event
13	Sat	Central Coast	Walk to Rumbalara, Gosford
14	Sun	Coffs Harbour	Outing to Valla Headland
16	Tue	Newcastle	Midweekers outing: Wybung Bluff
17	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 Gynea Community Centre, Gynea Bay Rd, Gynea. Speaker: Alan Fairley on Rare Plants of the Sutherland Shire
22	Mon	North Shore	Walks and Talks: Sandstone Flora
28	Sun	Armidale and District	8 am – 1 pm Markets in the Mall
29	Mon	North Shore	Walks and Talks: Other Families (Apiaceae, Asteraceae, Goodeniaceae)

## Advance Notice

Date	Day	District Group	Event
10 – 18	Aug	ANPSA 2013 Biennial Conference	'Diversity is in our Nature' hosted by SGAP Queensland on the Sunshine Coast. Register at <a href="http://www.sgapqld.org.au">www.sgapqld.org.au</a>
11 – 13	Oct	APS NSW 2013 Annual Get-together	Hosted by APS Armidale Group.

## A Quick Quiz

(All the answers are in this issue of *Native Plants* and there is a theme – albeit fairly straightforward)

1. The genus *Vachellia* is closely related to which very common and well-known genus?
2. The 2013 Get-together is being held in which NSW city?
3. The Merimbula Star-Hair belongs to which genus?
4. The ANPSA 2013 Conference on the Sunshine Coast is being held in which month?
5. Flannel Flowers belong to which genus?
6. The Website Update column is written by Mark who?

(Answers 1 – p40; 2 – p22; 3 – p9; 4 – p37; 5 – p4; 6 – p34)

# 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](http://www.dpi.nsw.gov.au/forests/business-services/nurseries)

☼ **Sydney Wildflower Nursery**  
9 Venno St, Heathcote 2233  
[www.sydneywildflowernursery.com.au](http://www.sydneywildflowernursery.com.au)  
**10% discount**

## Armidale

☼ **Cool Natives**  
**Retail mail order nursery**  
16 Hitchcock Lane Armidale 2350  
Open by appointment only  
☎ (02) 6775 1139  
0421 961 007  
Email: [maria@coolnatives.com.au](mailto:maria@coolnatives.com.au)  
Website: [coolnatives.com.au](http://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 2260  
☎ (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](http://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**

## Hunter Valley

☼ **Muswellbrook Forest Nursery**  
New England Highway,  
Muswellbrook  
☎ (02) 6543 2622  
Email: [mfn@hlmaus.com.au](mailto:mfn@hlmaus.com.au)  
Website: [www.muswellbrookforestnursery.com.au](http://www.muswellbrookforestnursery.com.au)  
8.30 – 4.30 7 days  
**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](http://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

**Postal address:** PO Box 5026, Old Toongabbie NSW 2146

**Email:** office@austplants.com.au    **Website:** www.austplants.com.au

**Facebook:** www.facebook.com/APSNSW

### **President**

John Aitken

### **Vice Presidents**

Graeme Ingall and Harry Loots

### **Honorary Secretary**

Graeme Ingall

### **NSW Membership Officer**

Merle Thompson

☎ (02) 6352 3805    Fax: (02) 6351 2384

Email: merleaps@bigpond.com

### **Conservation Officer**

Bob Ross ☎ (02) 6495 0306

Email: wenbobr@bigpond.net.au

### **Editor of *Native Plants for NSW***

David Crawford

### **Editors of *Australian Plants***

John Aitken and Merle Thompson

### **Publicity Officer**

Mark Abell

### **Program Officer**

Harry Loots

### **Property Officer**

Roger Starling

### **Nature Conservation Council**

#### **Representative**

Margery Street

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## 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**

Harry Loots

### **Publishing committee**

APS NSW Email: office@austplants.com.au

### **Appointments to external committees**

### **ANPSA Council**

Graeme Ingall ☎ (02) 4322 8296

John Aitken ☎ (02) 9589 1363

### **Australian Cultivar Registration Authority**

David Murray ☎ (02) 4229 2171

### **Australian Flora Foundation**

Ross Smyth-Kirk ☎ (02) 9909 3052

### **Burrendong Arboretum**

Vacant

### **Native Flower Growers and Promoters**

Jonathan Steeds ☎ (02) 4372 2015

Email: snative@bigpond.com

### **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

### **Seed bank curator**

John Randall

8 Coachmans Pl, Mardi NSW 2259

☎ (02) 4353 9390

Email: johnannette@dodo.com.au

### **Other services**

#### **Book service**

Florilegium, The Garden Bookstore

65 Derwent St, Glebe NSW 2037

☎ (02) 9571 8222

Fax (02) 8208 9938

Email: sales@florilegium.com.au

