

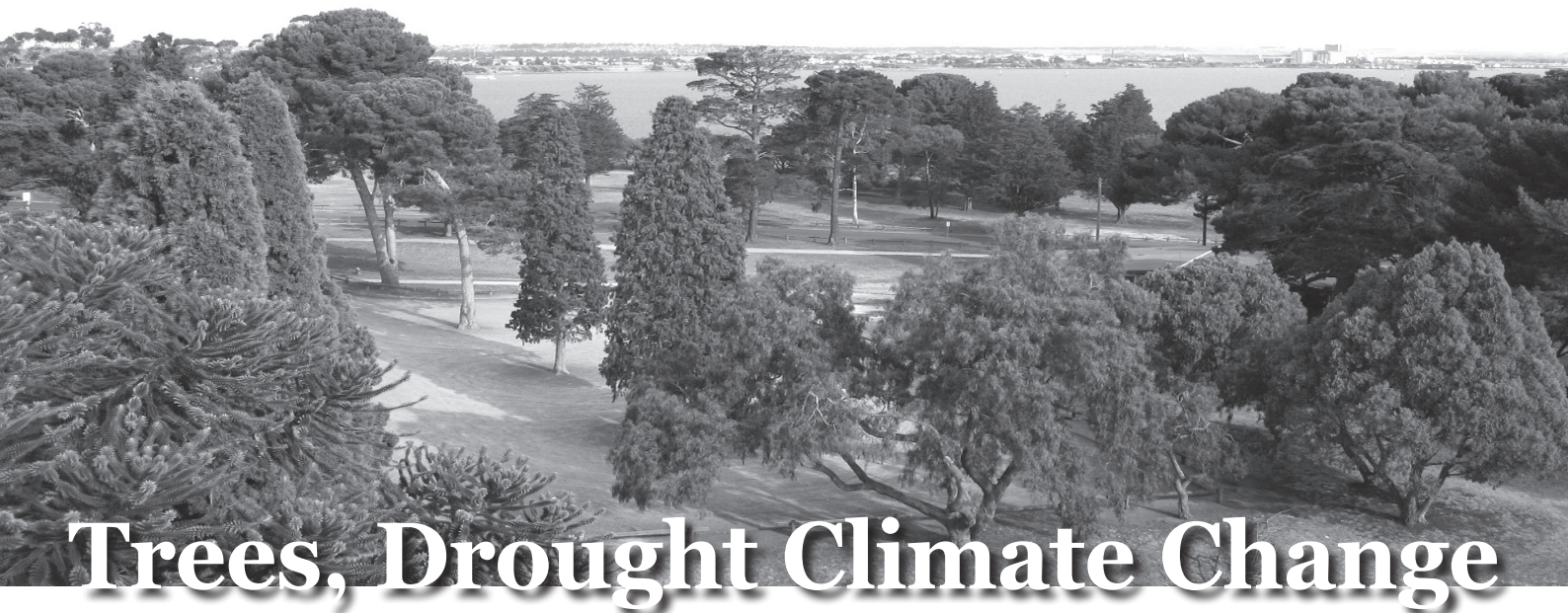
# Jubaea



Friends of Geelong Botanic Gardens Inc Newsletter

Volume 9 Issue 4 October/November/December 2009

FRIENDS <sup>OF</sup>  
GEELONG  
BOTANIC  
GARDENS



## Trees, Drought Climate Change

It is a pity that so many people think of our parks, gardens, streetscapes and urban landscapes only in terms of their aesthetics. While they are beautiful and decorative, these attributes often mask the many functions that they serve in our cities to the point where their economic and environmental benefits are overlooked. Cities are biodiversity hot spots due to the variety of habitats available in public and private open space, including front and back yards.

Urban landscapes and trees have been wonderfully silent assets in our cities for decades and even centuries. They are major urban infrastructure assets. As assets parks, gardens, streetscapes and urban landscapes will require the expenditure of resources – labour, energy, and even water – on their proper management. Over the past decade, it has been often said that; “There are better things to use water on than plants and gardens.” I challenge you to name them. What else delivers so many benefits immediately, benefits that last centuries into the future, which prolong healthy lives and make cities both sustainable and liveable?

At a time of climate change, it is worrying that both private and public open spaces are threatened by urban renewal and development that puts at risk long term sustainability. In many of these situations there is insufficient open space – public or private – for the planting of large trees and so

the opportunities for the role of vegetation in ameliorating the heat island effect, reducing wind speed, providing shade and reducing energy use are reduced. This outcome raises questions about the economic viability of such developments, as well as their long term environmental sustainability.

Governments through their agencies are still major clearers of trees, forests and ecosystems. In most States approaches to roadside vegetation at a time of climate change are inappropriate. Trees and roadside ecosystems are assets that fix carbon, provide shade, filter air, protect from wind, and provide wildlife corridors and habitat just to mention a few obvious benefits. Are these benefits properly costed for road related projects where a balance of safety, cost and the environment has to be achieved? However, roadside vegetation is still being cleared right across the country, despite the fact that it sequesters massive amounts of carbon that could be used to partially offset the carbon produced by the vehicles that use the roads.

There is real economic value in the shade provided by trees that drop temperatures by up to 8°C. It must be remembered that while global warming may see increased temperatures of 6°C or more, local and regional action which involves openspace, vegetation and tree planting can counter these rises and reduce future greenhouse gas emissions, and particularly of carbon dioxide. The shade from trees can reduce air conditioner use by 12-15% which also decreases the carbon emissions from our largely coal generated electricity.

While it is more difficult to place a value on reduced wind speeds of up to 10% due to the presence of vegetation, we do know that under climate change winds will be stronger. Victoria has suffered the effects of three major wind storm events over the past few years, but few lessons have been learnt from them because they were described as rare one in a century or one in thirty year events. However, such events will be more frequent in the future and the undergrounding of services would be wise management under such a scenario.

Urban vegetation also has significance in removing atmospheric pollutants where in New York in 1994 it was calculated that the city's vegetation provided US\$10million of benefit in pollution removal. The planting of 11 million trees in the Los Angeles basin saves US\$50million per annum on air conditioning bills. Sadly there are few similar studies for Australian cities, but in the only study of its kind, economists noted that an Adelaide street tree provides a minimum annual benefit of \$200 per year and that it was a gross under-estimate of the real value.

There is also the role of vegetation under a changed climate in holding and absorbing water during more intense rainfall events. The economic value of reducing localized flooding could be substantial. So if we lose urban trees and landscapes because we don't think they are worthy of some of our resources we could pay a very high price indeed. We won't know what we have lost till it's gone.

I could go on for pages about the benefits of urban trees and landscapes. I haven't even mentioned how gardens improve human health, extend life spans, reduce violence and vandalism, lower blood pressure and save society a truck load on medical and social infrastructure costs. Isn't it lucky that as we let all the turf in our parks and ovals die that we don't have a problem with kids lacking exercise and becoming obese. If we did, we might be paying an even higher price for the loss of public and private space than we ever dreamed possible.

While turf, lawns and grasses have been vilified during the drought for excessive water use, natural turf is quite a complex ecosystem and has a significant effect on temperature and the heat island effect, and if properly

managed also sequesters a considerable amount of carbon. Perhaps it is not the villain that many think when they consider only the water component of a more complex equation. Natural turf, especially when composed of native grasses is usually a much more sustainable option than many of the alternatives suggested as replacements if you consider the bigger picture of its fossil fuel chemical base and imbedded energy.

Melbourne is one of Victoria's biodiversity hot spots. The parks, gardens, streets and front and backyards provide a very diverse range of plant species that generate a myriad of habitats and niches for wildlife. High density urban developments and inner city renewal make it virtually impossible to grow trees in places that were once green and leafy. We rarely ever see the real costs of such developments.

In the past decade tree populations in many Australian cities have declined, particularly with the loss of private open space. While costs, and the damage and nuisance values attributed to trees are widely known, the benefits they provide are often subtle and under-appreciated.

Urban vegetation provides economic and ecological services to society. They are assets which warrant the expenditure of resources such as labour, energy and water. Such expenditure is not wasted as trees and urban landscapes provide far more economically and ecologically than they use. In any comprehensive and fair calculation urban trees and landscapes are worth more than they cost.

Too often the future roles of trees in the urban landscape, and indeed of public and private open space are being redefined by those who have little interest or expertise in urban vegetation management and are driven by other imperatives. It is time to address some of these issues before changes are made that degrade the landscape, and which could take decades to remedy.

**Dr Greg Moore**  
**Research Associate**  
**Burnley College**  
**University of Melbourne**

## Growers Visit to Marysville

A Helping Hand at Marysville.....early December the Growing Friends took time out from our nursery to visit Marysville. With their great knowledge the Friends were able to help identify donated plants so they could be confidently offered to locals. Named and re-potted, these plants will help in the establishment of local Marysville gardens. Judy Horton generously donated of a whole box of the ever popular 'Yates Gardening Guide'. These books will be given to community groups and the local library to help people seeking advice as they re-establish their much loved gardens.



Excursion by our Growers group to the fire-affected community of Buxton

# Council accepts the challenge

The City of Greater Geelong understands the many social, environmental and economic benefits that trees provide to our community and has accepted the challenge of maintaining and improving our tree population.

A talk to the friends group by Dr Greg Moore in August this year highlighted the many issues currently facing tree managers and the importance of addressing these issues for the future benefit of our communities. Climate change, drought, water restrictions, urbanization, funding, vandalism, infrastructure damage and risk management are just some of the issues that challenge all Councils.

The City of Greater Geelong has adopted a Street Tree Strategy that identifies the opportunities available for tree planting throughout the municipality. The strategy includes species selection criteria which have been developed to ensure that trees planted are appropriate for the site and the local conditions. The strategy formalizes current tree management practices and makes recommendations for the maintenance of existing streetscapes. Funding requirements are also identified, alerting Council to the commitment required to rebuild our tree population and develop appealing streetscapes for the Geelong region.

An increase in funding for tree planting over the last two years has produced a net gain in the number of street trees despite a large number of trees being lost due to drought. Several large new subdivisions have been planted using predominantly native species such as *Angophora costata*, Eucalypts, *Tristania laurina*, Banksias, Callistemons, *Melia azedarach* Acacias etc

Council is constantly updating its preferred species list as data is gathered on how individual species are responding to Geelong's conditions. Careful species selection has ensured trees planted



*Angophora costata* planting on Melbourne Road

will withstand the drought and climate change to provide benefits for future generations. The use of predominantly native trees also provides a food source and habitat for local fauna.

A tree watering program has been funded for the last two summers to provide additional water to significant trees that are struggling with the continued dry conditions. The program has included the purchase of water tanks that deliver water at a consistent rate. The trees in poor health have been identified and prioritized by their significance and condition. By regularly filling the tanks with recycled water we were able to assist an additional 350 significant trees to survive through the hotter months.

There is a very real concern throughout the community regarding the future of the environment and trees in general. Urban landscapes are facing significant challenges. The City of Greater Geelong is committed to managing and enhancing our tree population to enable Geelong to develop as a sustainable and enjoyable place for people to live, work, recreate and play.

**Alan Dawson - Tree Management Unit**

## From the President

The Geelong Botanic Gardens and Eastern Park are looking magnificent after the November rain and remain our great inspiration. The past 3 months have been busy for the Friends with Activities, Conferences, Exhibitions and Awards.

Volunteering has always formed the core of our activities and with the contribution of so many valuable hours it is important that we use our hard earned resources well. An important step is currently underway with the FGBG Committee reviewing the organisation's Strategic Plan. The new plan will be a guiding document, informing decision making and providing clarity well into 2014. The purpose is to secure our future and assist in strengthening partnerships. The new Strategic Plan will be circulated in the Autumn edition of Jubaea.

Even with recent rain, summer 2010 presents a great challenge to communities across Victoria. Black Saturday is a constant reminder of the unpredictability of fire and is forcing us to re-think how we live in Australia. Living with drought is our new reality and an issue we cannot ignore.

In January 2008 the City of Greater Geelong launched a new Master Plan for Eastern Park and the Geelong Botanic Gardens. The plan is a critical tool and the document that informs decisions made by the City for the whole precinct. Included in the Master Plan was an assessment of all trees. It is a disturbing fact that 'approximately 50% of the existing trees within the park have a useful life expectancy of less than 15 years'. Drought has brought this timeframe forward and a walk

through the Park shows the declining state of many trees. Older trees in established parks across the City are showing the same stress.

Geelong is not alone in this challenge. The recent BGANZ Victoria conference addressed this issue with a case study presented by the City of Melbourne that described dramatic challenges over the next ten years. Further from home a recent episode of the ABC's Gardening Australia focussed on Canberra, John Patrick explaining the decline of the City's magnificent avenues. The urban forest that is the hallmark of our National Capital requires major investment for both removal and replacement of natives and exotics. Like Geelong, works must be carefully phased, avoiding the need to repeat programs in 3 generations. The challenge posed by 'Trees, Drought and Climate Change' is to adopt sound planning policy that recognises the true value of the urban forest and includes its management as a permanent component of recurrent annual budgets at all levels of Government.

Climate change is an issue that is becoming increasingly urgent. Copenhagen presented a major challenge to all communities across the globe and expectations of positive decisions by the World's leading nations have left many disappointed. Our children's future may be dependant on small steps and the responsibility that each individual takes. My resolution for this year is to reduce my carbon foot-print, grow more of my own food, drive less, walk more. Live simply so others can simply live. What will you do?

**Helena Buxton**

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# My journey with Friends of Geelong Botanic Gardens



Jayne Salmon

**Continuing Jayne Salmon's story of volunteering and a reminder of the strength and achievements of the FGBG as we head toward celebrating our 25th Anniversary in November 2010**

***My journey with Friends of Geelong Botanic Gardens***

## **PART 2**

Council adopted the Master Plan and Conservation/Management Plan in November 1995 and announced an Advisory Committee of twelve including two Friends representatives would be set up to guide implementation of recommendations. Annie McGeachy and I represented the Friends. Helena Buxton and Judy Trimble were elected community representatives.

In 1997 Management of the Geelong Botanic Gardens and Eastern Park was put out to competitive tender and although existing GBG staff won the contract it was purely a maintenance contract. Not a good process for a Botanic Garden and certainly not what was recommended in the Conservation/Management and Master Plan.

The Conservation/Management Study detailed a number of restoration/conservation projects within the GBG including repair of the cabmens' shelter, bronze cranes, fountains and pit glass house. The Friends were proactive in securing financial assistance with successful grant applications written by Annie McGeachy to carry out these projects. The Friends initiated restoration of the camellia walk and supported rejuvenation and replanting of the GBG rose beds by the South Western Heritage Rose Group.

To draw attention to the Master Plan and the future of our Gardens I coordinated the making of a compelling video of the Gardens and an accompanying brochure was produced by the Friends. The video and brochure were endorsed by the City's Smart Move Campaign.

An Education consultant was engaged in 1998 to develop an education program for the GBG. I worked very closely with consultant Rod Dunstan. The voluntary guides delivered the program to teachers and assisted with implementation when required.

The main thrust of the 1995 Landscape Master Plan (Stage 1) was to extend the Gardens to reconnect with the City and open up vistas to Corio Bay. GBG was hidden within Eastern Park by dense Cypress trees and difficult to find. The Friends were

adamant that Stage 1 should proceed without delay. I became a strong lobbyist fully supported by Annie McGeachy to get the Council to allocate funds to get Stage 1 implemented and a Curator reinstated in the Gardens.

1998 was a busy year for promotion of 'the plan for the future'. Friends and CoGG hosted a twilight gathering at the GBG to acknowledge the engagement of another firm of Landscape architects to develop the Chris Dance Plan, (this contract was subsequently cancelled). We also celebrated recognition of the GBG by the National Trust and the restoration of the cabmens' shelter and the bronze cranes.

Dr. Philip Moors, Director, RBG Melbourne was invited to address the gathering, launch the video and accompanying brochure and new tax deductible Friends Gift Fund. Dr. Moors became a great supporter of FGBG and a strong proponent of the GBG and EP Master Plan.

At the end of 1999 CEO Geoff Whitbread, announced a new department of Environment and Recreation had been created within CoGG and Rob Small from Auckland had been appointed to oversee implementation of Stage 1 of the Master Plan. We were overjoyed at this move forward and even more so when John Arnott was engaged as Curator, GBG in October 2000. Chris Dance was reengaged to undertake the design development of his Master Plan and Colin Shepherd CoGG was to assist with co-ordination.

FGBG hosted another successful Association of Friends of Botanic Gardens Conference in 2001. We celebrated the GBG's 150th anniversary with "Bunce, Bunyas and Beyond". Brian O'Neill, Director, Golden Gate Park San Francisco was the keynote speaker and emphasised the importance of friendraising before fundraising. The conference did much to raise the profile of the GBG within the City and beyond.

The 21st Century Garden was opened in September 2002. The Garden was designed to be modern and progressive, focusing on education, conservation, ecosystems and regional relevance. It was a great contrast to the original gardens which were developed in a different era. The horticultural staff played a significant role in developing the new garden.

The stunning new garden provided visitors with an experience to view a range of plants adapted to dry climates including cacti from the Americas and succulents from South Africa.

The Friends and Voluntary Guides played a leading role in explaining the new garden to visitors and have enthusiastically continued this role as visitor numbers have increased and the community has embraced this striking modern landscape that proudly demonstrates the role of a modern botanic garden. Rob Small and John Arnott were always generous in their praise of the Friends and the pivotal role they played in obtaining the Master Plan and influencing the City to embrace

## Stage 1.

Unfortunately the department of Environment and Recreation was dismantled by CoGG, Rob and John have moved on and we are still waiting for Stage 2 of the Master Plan.

The Master Plan was reviewed in 2007. I was on the review panel and assisted with a further conservation analysis of the gardens and eastern park. However, we are still waiting for a brief for the much needed Visitor precinct and Café to be written.

The opening of the 21st Century garden was a catalyst for change, membership of FGBG increased from 258 in March 1998 to 465 in 2002. Early in 2002 FGBG moved their Office to the new Horticultural building housing the library and meeting room. We had already employed an administrative assistant to help with our additional workload. I had discovered Ro Noone working with education at the RBG Melbourne and looking at working in Geelong. Ro, with horticultural and teaching qualifications, has been a wonderful ambassador for to FGBG and CoGG. Today Ro is funded by FGBG for education work two days per week and we look forward to greatly expanding the gardens education programs. The GBG is a great classroom. We also employ an administration officer, Helen Johnson two days a week.

Margaret Muffet established Botanic Art classes at the GBG in early 2002 and the Friends took over the running of these classes in 2007. The large meeting room provided space for FGBG meetings, art classes and a venue for horticultural and environmental groups to meet on a regular basis. All room users pay an annual membership fee.

So much has happened during my time at the helm of the Friends. Music in the Gardens at lunchtime was introduced to the GBG in 1999. Twilight Music at the GBG is now a major event on our calendar. We have hosted three important environmental Art Exhibitions at the Geelong and Gordon Galleries. The Growing Friends and Voluntary Guides have all expanded their work in support of the GBG. The library, staffed by FGBG plays an important role in the operation of the GBG and resident Scientific Illustrator, Enid Mayfield adds academic rigour to our regional garden.

In November 2006 the Heritage Council of Victoria announced that the site of Geelong Botanic Gardens and Eastern Park would be included on the State Heritage Register because of their cultural significance. The Friends had lobbied for inclusion since early days of the Master Plan and when the sites were finally recommended for inclusion in 2005 it was opposed by CoGG. FGBG lobbied support and I represented the Friends and made a submission at a Tribunal Hearing in 2006. We were elated when the Heritage Council decided to uphold the recommendation and placed GBG and EP on the Heritage Register.

Over the years I have had considerable input into guide training and continue to enjoy guiding visitors around the

GBG (also RBG Melbourne). It is a privilege to work closely with GBG horticultural staff and it was written into the Constitution in 2004 that we work in partnership with Gardens Management, something I think all our Friends enjoy.

It was a very fortuitous day when I joined Friends of Geelong Botanic Gardens in 1985, it has been a fantastic journey, I couldn't begin to count the hours that have been spent working on behalf of the GBG including editing *Jubaea* since 1992. Plants are an inspiration and one never stops learning about them. The people and associations made through FGBG and other Friends Organisations at conferences and workshops have enriched my experience and understanding of the important role Botanic Gardens play in a changing world.

I could not have undertaken this journey without the support, encouragement and expertise of some really great Friends; Annie McGeachy has worked tirelessly to achieve many projects within the GBG and has accompanied me on my journey since 1992. George Jones has mentored and encouraged me throughout. We still need many new members to embrace the GBG, to become involved and enjoy some of the opportunities provided by FGBG.

The Geelong Botanic Gardens are part of the fabric of my life so I shall continue my journey but not at such a hectic pace.

*Jayne Salmon*

## Golden Laurel Award

Congratulations.....a Golden Laurel....Australia's most prestigious media award from the Australian Horticultural Media Association has been presented to George Jones for his life long contribution to horticulture. The Friends hosted a champagne toast and luscious teahouse lunch entertaining NSW radio personality and Yates Gardening Guide Editor Judy Horton, together with Gardening Australia's Colin Campbell. Judy and Colin paid a special visit to Geelong to share their awards with George.

It is wonderful to see national recognition of George's work and know that he shares this honour with some of Australia's best known and loved horticultural media identities.



Judy Horton, Colin Campbell & George Jones  
celebrate their Golden Laurel Award.

# Director's Report

Every decade has a world crisis. Those of us who have been around for a while will remember a slew of things which have worried us to some extent- world wars, the Aids crisis, Y2K, cyclones and tsunamis. Climate Change is the latest world threat and will outlast all of these as we struggle to come to terms with the predicted future of the planet. The scientific debate about whether climate change is real seems to have been resolved through the combination of scientific proof and acceptance by political world leaders. I suspect that those who garden and are tuned into the weather probably never doubted the voracity of the claim for a minute!

We understand that climate change will significantly impact on the survival of plants throughout the world as weather patterns continue to alter. This is a very real challenge for the custodians of Botanic Gardens. Those with the opportunity to develop new plantings need to take projected climatic conditions into account in addition to the availability of a water supply and select plants with a greater tolerance to local conditions into the future. Indigenous flora comes to the fore as does flora from similar bioregional zones from around the world which will potentially perform well in similar conditions.

I think one of our biggest challenges is maintaining the health and vigour of plant material in heritage landscapes which is seen as vital to the interpretation of historic and cultural values. Not only are we faced with changes in growing conditions but balancing age and youth in plantings in significant heritage landscapes. The issues facing the landscape of Eastern Park are very real and solutions need to be carefully chosen which reflect both the value of the landscape and our ability to establish new plantings.

With these challenges in mind we are developing a landscape planting plan for Eastern Park. This plan will see the transition of the declining Eastern Park landscape to plantings full of potential for future generations. As the plantings are

reinvigorated we need resolve to make hard decisions relating to the longevity of the avenues which form the backbone of the road and path network to ensure that these avenues are replaced over time. Avenues are one of the most challenging elements as no-one likes to see the loss of mature trees, but without intervention the opportunity to maintain the landscape character by replanting avenues will be lost.

Raddenbury developed many of the plantings we see today and his plant selections in the most part have stood the test of time- dry climate conifers and eucalypts have performed very well. These seemingly sparse and understated plantings reflect the history of the park through old carriageways and woodland plantings which define the parks innate character. We will in turn select the most successful trees and perpetuate them in future plantings and adding to this extensive list other trees which can withstand the tough conditions in the Park.

This challenge is an exciting future prospect and provides us with opportunities to develop strong partnerships with other Botanic Gardens and collection holders as we select new material to trial in the Park. I hope that these plants will grow well into the future and confirm the role of Eastern Park as not only a fabulous place for community recreation but a horticultural collection in its own right.

*Annette Zealley*

*Director, Geelong Botanic Gardens*



## Inspired by Nature

The October exhibition of *'Inspired by Nature'* was an outstanding success and brought into focus the importance of botanic art in recording species. Nearly 200 people attended the Gordon Gallery to hear internationally renowned artists Jenny Phillips launch the exhibition. Both artists and teachers are to be congratulated; a measure of success of *'Inspired by Nature'* was not in how many works sold but in the high quality of work, displaying the exceptional talent of students and tutors alike. Among the Artists are a number of heroes whose efforts enabled an exhibition of this scope to occur; the Friends thank Suellen Simpson, Helen Black and Robyn Lowe.

Botanic Art is as an important part of education at the Gardens. In recognition of this a new initiative will be added to the program in 2010. Over the coming years the Friends, working in partnership with the GBG, will encourage and support the establishment of a florilegium. The major focus will be an exploration of the Gardens historic trees, providing future generations with a botanic record of the most significant species. Progress on this initiative will appear in future editions of Jubaea.



Chris Harris, Amanda Blake, Suellen Simpson

# Jubaea Guides - Make A Difference

Guiding is one of the most important activities offered to the community by the Friends of Geelong Botanic Gardens.

Ever thought that you might like to become a volunteer Guide in the Geelong Botanic Gardens? Not sure what it involves or whether you would enjoy it?

The Friends are running a new guide training program in 2010

The program will run on the first Monday morning of each month for 6 - 8 months.

Our first session will be an introduction to guiding, so if you've always wondered what it is all about and if guiding is for you, please let us know through the Friends Office and come along to our first session on Monday 1st March at 9.30am in the Friends meeting room.

**Jenny Possingham**  
(Guides training coordinator)



## Summer Music in the Gardens 2010

### ***Every Sunday in February 5pm to 7.30pm***

Friends of the Geelong Botanic Gardens are looking forward to seeing you, your family and friends at our very popular early evening concerts every Sunday in February. If you enjoy tapping your feet, dancing on the grass, humming the different tunes against a wonderful backdrop of the setting sun surrounded by exotic plants and mature trees, then these concerts definitely can't be missed. Enjoy your picnic, buy a wine, tea or coffee and food from the Tea House knowing that you are having a fun summer's evening while contributing to the programs and development of the GBG.

Two new groups are performing in February with the first concert in the 21st Century Garden (bring your own seat), followed by 3 other concerts on the GBG lawns. We hope you will note the following concerts in your 2010 diary/calendar.

### ***Concert 1: February 7***

This opening concert in the natural amphitheatre of the 21st Century Garden will showcase the Geelong Concert Senior Band (with more than 50 of Geelong's top musicians) playing with the Geelong Concert Big Band (an 18 piece swing sensation). Both bands will present music from musical theatre, movie soundtracks, famous marches, big band numbers and some modern day neo-swing songs.

It is ESSENTIAL to bring your own chair to this new performance.

### ***Concert 2: February 14 (St Valentine's day)***

The very popular Donegal Express will have a combination of well-known traditional Irish tunes, some Celtic ballads with modern classics thrown in. You will hear the ever popular fiddle weaving in and out with different guitars, bass and percussion. Donegal Express will bring out the dancer in you, young and old!

### ***Concert 3: February 21***

Appearing for the first time in recent FGBG Summer Music in the Gardens series, the Hip Cats bring together the memorable sounds and feel of the fifties from grassroots rockabilly through to the smoother crossovers of swing, rhythm and blues. An experience not to be missed.

### ***Concert 4: February 28***

Attracting a huge following, French gypsy jazz will be the focus of Hot Club Swing.

This appealing music draws from an exotic palate of classical jazz and gypsy influences, mainly inspired by D.Reinhardt and S.Grappelli originating from the music in 1930's Paris.

Looking forward to seeing you there.

***Tickets can be pre-purchased (FGBG or GPAC) or bought on the night.***

***Diana Sawyer***

***(Co-ordinator Summer Music in the Gardens 2010)***

## February Music in the Gardens Membership Offer

Take advantage of our special February Summer Concert Series offer - purchase a FGBG membership at any of the February concerts and you will receive membership till June 2011

Individual \$.... Family\$....

This offer is only available to people attending the February Summer Concert Season 2010.

# What's on

## Events, dates for the diary

### January 2010

- What:** **Botanic Art 5 Day Summer Workshop**  
'Heritage Trees of Geelong Botanic Gardens'  
Watercolour and Pencil, recording 150 year old trees at the GBG, our most valued specimens with tutors Rita Parkinson & Delores Malloni
- When:** Monday 18th to Friday 22nd 9.30 to 4.30
- Where:** GBG Meeting Room – Cost: \$275 members - \$300 non-members
- What:** **Ozact presents Shakespeare's**  
'A Midsummer Night's Dream'
- When:** Saturday 23rd & Sunday 24th at 4pm
- Where:** GBG – Bookings 0419 330 516 – www.ozact.com
- What:** **Special Guided Walk - 'Australian Garden History Walk'** – Celebrate Australia Day with a walk that tells the story of garden plants relating to our history and our National Day, learn the historical secrets of plants at the GBG
- When:** Sunday 24th 11am & 2pm
- Where:** Meet your Guide at front steps of GBG – Gold coin donation
- What:** **Special Guided Walk – 'Drought Dynamos'**  
Discover some of the GBG's best water smart plants and learn about new species that may offer wonderful possibilities in your own garden.
- When:** Sunday 31st 11am & 2pm
- Where:** Meet your Guide at front steps of GBG - Gold coin donation

### February 2010

- What:** **Botanical Art Classes Resume on Tuesday 2nd February**
- When:** Tuesday Rita Parkinson  
Friday Delores Malloni  
Saturday John Pastoriza – Pinol  
(Alternating Saturdays)
- Where:** GBG Meeting Room – Cost: \$27 per class – 10 week term \$270
- What:** **Music in the Gardens**
- When:** Every Sunday in February 5pm to 7.30pm  
Cost :\$10 per person or \$25 Family (4)
- Sunday 7th* Geelong Concert Senior Band  
Geelong Concert Big Band
- Sunday 14th* Donegal Express
- Sunday 21st* Hip Cats
- Sunday 28th* Hot Swing Club
- Where:** Geelong Botanic Gardens see page 7 for further details
- What:** **Special Guided Walk - 'Tall Timber Trail'**  
Explore the Gardens and find our largest trees, learn where they originate from, what they offer and how these romantic specimens came to be planted at the GBG.
- When:** Sunday 14th 'Valentines Day' 11am & 2pm
- Where:** Meet your Guide at front steps of GBG - Gold coin donation

### March 2010

- What:** Geelong Field Naturalists Quarterly Lecture :  
Plant Study Group  
"Helping Soil", Kim Johnston, Department of Primary Industry
- When:** Tuesday 9th March – 7pm for 7.30pm Start
- Where:** GBG Meeting Room
- What:** **Special Guided Walk – 'Reducing Your Carbon Footprint'**  
Explore the vegetables, herbs and food plants growing at the GBG, talk about mulch, compost and worms. Learn some of the actions you can take to help our Planet and make the World a better place for future generations.
- When:** Sunday 21 March – 11am & 2pm
- Where:** Meet your Guide at front steps of GBG - Gold coin donation
- What:** **'High Tea In Autumn' – Enjoy the colour and beauty of Autumn in the Gardens with a special High Tea:** Sip a special blend of tea with cucumber sandwiches, cup cakes and other dainties that will delight your fancy.
- When:** Sunday 21st March 11am to 4pm
- Where:** At the Friends Teahouse - Bookings advised
- What:** **'Australia's Remarkable Trees' - talk by author Richard Allen**  
This magnificent book, illustrated with over 500 superb photographs, explores the extraordinary lives of Australia's oldest, largest and most unusual trees. The book prompts us to look into the future. It is a call to arms to preserve and protect the oldest and most magnificent living things and the forests and wilderness they survive in. Autographed copies of the book will be available for sale
- When:** Monday 22nd March 6pm
- Where:** GBG Meeting Room (light refreshments prior to meeting) - Gold coin donation
- What:** **Weekend Plant Sale**
- When:** Sat 27 - Sun 28, 10am - 4pm
- Where:** Friends Nursery
- What:** **Autumn Garden Excursion to 'Historic Daylesford'**  
Explore the collection of outstanding trees at Wombat Hill Botanic Gardens, Wombat Park historic garden, Lavandula and other gardens to be confirmed
- When:** Monday 29th March  
8.45 am Coach departs GBG Oval Carpark
- Where:** Daylesford Cost: \$45 FGBG / \$55 Guests

### April to June 2010

The Theme for the next edition of Jubaea shall be 'Wellness.'

What do gardens offer our community other than to beautify and green the place we live?