

# ReLeaf

Trees For Life  
Autumn 2010  
Number 114



TFL lottery results  
announced

Backup seedling dates  
and times

Blyth legend one of our  
own

BFL volunteers in-kind  
contribution breaks \$1m



Trees For Life

## Increasing Board talent pool important for TFL's future

In the interests of transparency I feel the need to report that following the Annual General Meeting in October the Board has decided to co-opt Michael Cain as an Ordinary Member (we really must do something about the terminology in our constitution!).

Michael missed out on getting re-elected at the AGM when, not for the first time, we experienced an embarrassment of riches with three outstanding candidates competing for just two vacancies. As we all know 'three into two won't go' and so someone had to miss out; this at a time when we can use and benefit from all available knowledge, talent and experience.

The decision to co-opt should in no way be interpreted as the awarding of some sort of consolation prize or alternatively a reluctance on the part of the Board to accept the referee's decision. Both candidates appointed by the membership at the AGM have outstanding credentials, bringing particular talents and qualities to the management table. After considerable discussion, however, we formed the view that Michael's skills in human relations and organisational development are of particular value at this time and that his recent experience as a member of the Board was too important to lose. Hence the decision to co-opt was taken in the best interests of the organisation.

In my opening paragraph I indicated that this is not the first time that such a situation has arisen. On previous occasions we have, in my view, lost valuable talent because of a lack of available vacancies. The Board recently gave the issue serious consideration and proposes to recommend to the membership at a specially convened Extraordinary General Meeting (to be held in conjunction with the October 2010 AGM) that the number of Ordinary Members be increased from four to six. This, with the four office holders, will mean a total Board membership of 10 as opposed to the current eight, thereby increasing our available talent pool as the complexity of the business increases.

In advising you of these proposed adjustments to the Board membership, I can't let slip the chance to encourage you to support our next Annual General Meeting which will be held in October. I'll readily acknowledge that such meetings are not usually great spectator sports but they are a very important date in any organisation's calendar and provide an opportunity for you to ask questions and make comment about how Trees For Life is run.

Over recent years we have seen a gradual decline in attendances and I'm sure that this cannot be because of a lack of interest. Are we that boring or, more optimistically, do you think that we're doing such a good job that we should just be left to get on with it? A nice thought but a bigger turnout would be even nicer.

The Board continues to look at how we might improve participation rates consistent with the success and size of the organisation. We've even thought of combining the AGM and the Christmas Party but concluded that this was neither advisable nor logistically possible. Improved publicity and possibly a guest speaker are just a couple of simple thoughts. If you have any ideas, comments or suggestions please don't hesitate to let me know.

In the meantime keep watering those seedlings and looking for bugs.

- David Mitchell

## Rainwater tank offer for readers

Green Switch is proud and excited to be working in partnership with Trees For Life in actively reducing carbon emissions with the installation of a Solar PV System.

Green Switch will be installing solar panels on the roof of our Brooklyn Park office, as part of a new sponsorship deal with the company.

As an added bonus, Green Switch is pleased to offer *Releaf* readers a free 5000 litre rainwater tank with any 1kW or higher PV System purchased. This offer will remain in place until July 1.

For more information phone 1300 326 794.



"It is unethical to drive other forms of life to extinction, and thereby deprive present and future generations of options for their survival and development."

(source: [www.cbd.int/2010/welcome/](http://www.cbd.int/2010/welcome/))  
2010: the International Year of Biodiversity

## Green ReLeaf

*ReLeaf*'s format is made possible through the generous sponsorship of Fusion and Finsbury Green Printing.

*ReLeaf* is printed on 100% post-consumer recycled paper and printed with 100% vegetable-based inks, ensuring the 'greenest' possible publication. The sponsorship has also enabled major savings in printing costs and postage, enabling the product to be designed at no extra cost.

## Painting volunteers wanted

We are looking for a small group of volunteers to paint the interior of our house at 5 May Terrace.

We are using the house regularly now as office and meeting space and it currently has some very garish and shabby walls.

If you are interested in helping out during March-April we would love to hear from you.

Please leave your contact details at reception and we will get back to you to discuss your availability.

## Contact us

**ReLeaf is a production of Trees For Life.**

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**Want to advertise?**

Advertising space is now available in *ReLeaf*. Phone 8406 0500 or email [taniak@treesforlife.org.au](mailto:taniak@treesforlife.org.au) for advertising rates.

Cover photo: Blowhole beachwalk at Deep Creek by Peter Watton.



**Trees For Life**

**Trees For Life**

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South Australia's Minister for Volunteers, Tom Koutsantonis, centre, visited the Trees For Life office and nursery recently and met some of our hard working volunteers. With him are TFL Life Member Barbara Moss and bush carer Dino Murtic.

## You could be the face of TFL

We are developing a new vertical pull-up banner to represent TFL at promotional events.

Our two existing picture banners are beautiful, one featuring hands holding a seedling and the other, some pristine bushland.

This time however, we invite our members to submit their photos. Ideally, the banner photo will comprise an older person alongside a young person, possibly up to age 12. They could be holding a seedling, planting a seedling or just looking at one. It will represent educating younger generations about the importance of the environment.

The only stipulations are that the photographer or subject(s) must be TFL members, they should be close-up photos and very high resolutions (approximately 2MB).

The winning photograph will be published in the June edition of *ReLeaf* and also developed into the banner.

Entries close May 1 and examples can be emailed to [taniak@treesforlife.org.au](mailto:taniak@treesforlife.org.au). For more information please phone Tania Kearney on 8406 0500.

## Guest speaker for dolphin cruise

Our next member event is a Port River Dolphin cruise scheduled for March 28.

The cruise will include a one-course lunch and we are happy to announce our guest speaker will be Aaron Machado, President of the Project Dolphin Safe Association.

The cruise is 11.30-1.30pm, with boarding from 11am.

The special price for TFL members and friends is \$10 per adult and \$7.50 per child (under 12). This includes the lunch.

Numbers are limited to 80 so book fast. You will find a booking form on the covering letter accompanying *ReLeaf*, so please return that with a cheque or credit card details and you will receive a confirmation slip.

We look forward to seeing you there.



## New grants fund more training for members

Ensuring enough funding to support our diverse range of activities is always a rollercoaster ride with many disappointments along the way.

However the good news is that in the past few months Trees For Life has been successful in obtaining new funding from two sources.

The first, \$17,909 awarded under the Federal Government's Caring For Our Country Community Action Grants will help fund TFL workshops during 2010. Supported workshops include Bush For Life training workshops, Tree Scheme propagation workshops and a new series of workshops designed for landholders wanting to identify the best approaches to restoring biodiversity on their properties (see below).

The second grant is from the State Natural Resources Management Program, Community Natural Resources Management Grants. This \$49,400 grant will support

both Bush For Life and Tree Scheme activities in the Northern and Yorke districts for a 12 month period.

The funding fills the gap left when the Northern & Yorke NRM withdrew its support for TFL.

Other contributors to these funded projects include local governments, the SA Murray Darling Basin and Adelaide & Mount Lofty Ranges Natural Resource Management Boards, Native Vegetation Council, SA Water and others. All our projects depend on multiple contributions from a wide range of partners, not least of which are our supportive members and sponsors who contribute funds through membership, donations and volunteer labour to achieve project success.



## New workshop for landholders

Are you interested in learning more about how to improve biodiversity on your own land?

We are planning a new workshop series for members exploring the different methods and approaches available to landholders:

- Encouraging natural regeneration in existing remnants and seed sources;
- broad acre techniques such as direct seeding and traditional tubestock approaches;
- increasing the habitat value of your existing revegetation.

The workshop is designed to help landholders make decisions on planning revegetation, and improving the biodiversity outcomes of revegetation, integrating the approaches of TFL's Tree Scheme, Bush For Life and Direct Seeding programs.

If you are interested in attending one of these workshops please register your interest by phoning TFL on 8406 0500 and when the dates and locations are set we will let you know.



A fruiting quandong tree and, inset, a look inside the fruit.

## Quandongs: a pie in the sky?

By BEN LETHBRIDGE\*

Quandong (*Santalum acuminatum*) is probably a familiar tree to most TFLers and I am sure the question has often been asked “*Why isn’t this species included in the revegetation list?*” to which the reply is “*They are hard to germinate and even harder to grow*”.

While this response is partly true, recent research on this and related species has opened up the possibility of including this species in revegetation programs for those willing to put in some additional time and effort.

This will be the first step in reviving the wide distribution of this once very common tree. Enjoying quandong pies will hopefully no longer be restricted to those with the closely guarded secret knowledge of the location of that elusive fruiting quandong tree!

### Using quandongs in mixed plantings in SA

Currently there is little available information on the use of quandongs in broadscale revegetation programs. It is quite likely that the techniques applied to sandalwood in the South West of WA could be applied without much modification to suit quandongs and local mixed species

plantings as adopted by TFL. To be more specific, collections of local provenance seed could be made. The seed is then primed to germinate by soaking overnight in rainwater and the next day the seed is dried in the hot sun (over summer).

This causes the shell to crack, but not lead to immediate germination. Following the opening rains in autumn the primed seed is placed in close proximity to the drip zone of established suitable species (equal to or greater than a year old). This will improve the chances of attachment to the host’s fresh root growth.

The seed is then covered with a light layer of mulch and left to its own devices. Suitable species for establishment of quandongs would include *Acacia*, *Allocasuarina*, *Hakea* and *Myoporum* etc. with good surface rooting and water retaining adaptive features (ie needle-like blue-grey leaves).

Although quandongs can attach to eucalypts and make good long term hosts, the generally higher water use rates of these species can make them problematic in establishing quandongs. Effective weed management will also be critical to success.

The challenge is out there. Who is willing to take it up?

*\* Ben is a volunteer with TFL and has a PhD in plant sciences. He has a strong interest in promoting quandong plantings. (See website for full story).*

## Out & About

2010 has already started with a rush for Trees For Life, with attendance at several major events.

One of the first events TFL staff and volunteers participated in was our inaugural appearance in the Adelaide Fringe’s opening parade.

With tremendous help from Fringe organisers, especially coordinator Tsubi, workshops to develop a theme for TFL were held each Wednesday night for about six weeks. Staff and volunteers made wobble boards (a la Rolf Harris) and cut out images of native animals - both of which were used in the parade.

A wonderful time was had by all those involved and it could definitely be a regular event on our calendar.

We’d also like to thank Adelaide Fringe organisers for helping to raise funds for Trees For Life.

As well as the Fringe, we have held displays at Flinders University’s O-Week, Womadelaide and the ABC Garden Expo, and the Tree Scheme also held a volunteer growers information afternoon and barbecue on February 10.

Up-coming events include the Mt Pleasant show and the South-East Field Days later this month.

If you’re in the area, please stop by and say hello or raise any questions you might have. Thank you to all who volunteer their time at these functions, ensuring TFL’s aims and achievements are promoted regularly.



Volunteers Marty Soppitt, Nadia Vernari and Alissa Smart with some of the Fringe Parade items.

## Annual lottery results announced

The annual Trees For Life lottery has been very successful once again this year, with ticket sales of more than \$94,000.

The winner of the \$10,000 first prize was Ray Sedunary, of Reynella, and the winner of the second prize (Adelaide to Perth trip on the Indian Pacific) was Mark Webster. The ticket seller’s prize (a two-night stay at the Adelaide Hilton) was won by B. Coles, of Osborne.

Trees For Life thanks all members who sold or bought tickets for our main fundraiser. Your efforts are much appreciated. All winners were notified by Trees For Life and results published in The Advertiser newspaper on February 12. The winning ticket numbers, starting from first prize, are: 58875, 45776, 48345, 52218, 10680, 42031, 49970, 20289, 46734, 22035, 19836, 57950, 12343, 17709, 27372, 25049, 09424, 07606, 59995, 59515, 55810, 54536, 04576, 39039, 48326, 17028, 49099, 21388, 30323, 20237, 11613, 38485, 01374, 18825, 26424, 35497, 38814.

Congratulations to all of our winners!

A big thank you also goes to the following people and organisations for donating prizes: Great Southern Railway, TeamPoly, Tarkine Trails, Sue Hanckel, Monarto Zoological Park, Clare Valley Cabins, Springford Business Machines, John Gould, Port Adelaide Football Club, KI Sealink, State Flora, Swarvie Saint, Adroit Industries, Dominant, Woop Woop, Fox Creek, Ballast Stone Estate, Banrock Station and Gomersal, Better World Arts, Birkenstock, Stamps Restaurant, Imprints, State Theatre Company, Dulux Paints, YHA Hostels, Adelaide Symphony Orchestra, Worm Organics and Greenhills.

Finally, can unsold tickets please be returned to TFL.



## Year to promote biodiversity

The United Nations has proclaimed 2010 to be the International Year of Biodiversity, giving organisations such as ours a unique opportunity to increase understanding of the vital role that biodiversity plays in sustaining life on Earth.

As well as trying to promote the importance of biodiversity on a global scale, Trees For Life believes more understanding of biodiversity on a local scale is needed. The importance of all of our programs, from bushland conservation, our Tree Scheme

and seed collecting to planting trees to offset carbon emissions are all intrinsically linked and essential to our survival.

Organisations, governments and individuals throughout the world will this year come together to safeguard our irreplaceable natural wealth and reduce biodiversity loss. The message - *Biodiversity is life, Biodiversity is our life* - will reach all corners of the world in the hope people start addressing some of the major challenges we currently face.

To find out what countries will be doing to raise the profile of the International Year of Biodiversity, or to learn more, log onto the official website: <http://www.cbd.int/2010/welcome>

## Threats we face

- Habitat loss through changes of land use, in particular the conversion of natural ecosystems to cropland, continues to be the biggest direct cause of biodiversity loss. Already, more than half of the Earth's 14 terrestrial biomes have had between 20% and 50% of their total area converted to cropland.
- Climate change is projected to become a progressively more significant threat to biodiversity in the coming decades. Already, changes to the timing of flowering and migration patterns, as well as to the distribution of species have been observed worldwide. In Europe, over the last 40 years, the beginning of the growing season has advanced by 10 days on average. These types of changes can alter food chains and create mismatches within ecosystems where different species have evolved synchronized inter-dependence, for example between nesting and food availability.
- Our species have been disappearing at up to 1000 times the natural rate, and this is predicted to rise dramatically. Based on current trends, an estimated 34,000 plant and 5,200 animal species - including one in eight of the world's bird species - face extinction.
- Forests are home to much of the known terrestrial biodiversity, but about 45 per cent of the Earth's original forests are gone. Up to 10 per cent of coral reefs - among the richest ecosystems - have been destroyed, and one third of the remainder face collapse over the next 10 to 20 years.



## 75,782 trees planted by volunteers

By BUNTI PELLEN  
TFL Planting Coordinator

The Trees For Life volunteer tree planting team has planted an impressive 75,782 trees in and around the Fleurieu Peninsula since 1993.

Last year 4172 trees were planted, with 10 properties visited from Tailem Bend to Victor Harbor.

2010 planting activities are now being organised, so if you love working outdoors and want to do something positive for South Australia's environment, volunteer now.

There are approximately 10 plantings per year, every Sunday, from May to September (excluding July), in any weather. The plantings run from 10am to 12noon-1pm, followed by a delicious luncheon provided by the landholder. It is a great opportunity to visit different locations you wouldn't normally have access to.

I would like to thank everyone who joined in last year, for their dedication, hard work, and enjoyable company. I look forward to catching up with you this year.

I will automatically post out a planting schedule (in April/May) to people that attended last year and those that have already advised that you wish to attend this year. In the interests of conserving resources I will be deleting those from my list that did not attend plantings last year.

Much satisfaction can be gained from being a part of something so positive and many bonds of friendship are formed. So if you think tree planting is for you or you would like further information, please contact me.

Please advise if you would prefer your schedule via e-mail.

For more information phone me on (08) 83874652 or 0429016335 or email [buntipellen@optusnet.com.au](mailto:buntipellen@optusnet.com.au) (please don't contact after 7pm Sunday-Thursday).

*\* Bunti volunteers her time to coordinate all Fleurieu plantings. TFL thanks her for her fantastic contribution.*

## Don't worry - we have backup seedlings!

Backup seedlings are available to help growers complete their order when they have not been able to grow everything requested.

### Backup seedlings are available for

1. Volunteers growing seedlings for landholders
2. Landholders whose volunteer growers have had no success
3. Landholders having problems growing their own seedlings (but not to fill the order because you did not get started). We do not have backup for grow-your-own only species.

### To collect backup seedlings

**Where:** Trees For Life Nursery, corner of Sir Donald Bradman Drive and May Terrace, Brooklyn Park. See Map.

**When:** Thursday & Friday, April 15 & 16, Saturday & Sunday 17 & 18.

**Times:** Thursday-Friday 10am-3pm; Sat & Sun 10am-1pm each day.

Please bring your Growing Order, which lists the plants that you are growing, with you as identification and to allow us to help you most effectively.

Remember that there are 60 tubes in a box and the order is for 50 seedlings per box so you might have enough to fill the order even if you have lost some. If you have most of your seedlings don't feel you have to make the trip to pick up those last few.

We can't grow backup for all species for every zone (there are 1500 combinations of species and zone) so when you come in we may not be able to fill your order exactly, but we will do our best. We should be able to give you suitable substitutes if necessary. Usually we can't supply more than one box of the same species.

Country growers please contact us directly on (08) 8406 0500 for backup seedlings.

*If you are growing for a revegetation project you do not need to get backup. You will receive a letter later this month detailing when and where to deliver your seedlings.*

## Ordering season open May-July

A benefit of Trees For Life membership is that landholders can order heavily subsidised native plants, grown from seed collected in their local area. This results in good biodiversity outcomes and promotes resilient habitat. Financial members can order up to 500 seedlings to be grown for them by volunteers or 1000 to grow for themselves. A material and supply fee of \$50 is due when you place your order and your membership must remain current until you have received your plants or materials.

The cost of supplying seedlings and materials is subsidised by Trees For Life members and volunteers and by SA Water. The market price for tubestock is from \$1.75 - \$2.75 per plant. The member subsidy is provided to encourage and promote broadscale revegetation in South Australia.

Orders for 2011 seedlings open on May 1 and close on July 31, 2010.

Your newsletter address label indicates if you will be sent a form automatically. If the line above your name on the covering letter says "Order form coming for your zone" then you don't have to do anything. You will be sent an order form in May.

If you want to order seedlings or materials to grow your own and your label does not have this message, phone us on 8406 0500 and ask for an order form to be sent.

## Surplus seedlings for sale in May

After backup requirements are met, any surplus seedlings will be sold to any financial member of TFL for \$50 per box.

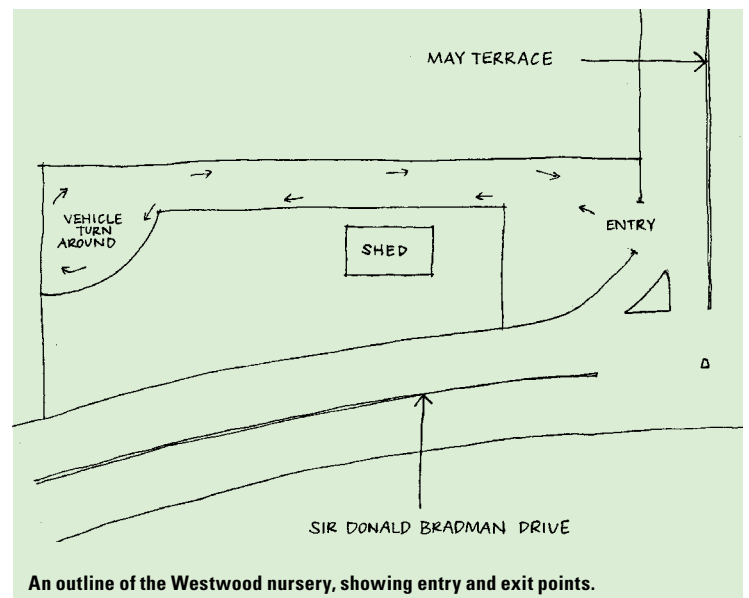
The sale will be held Thursday May 20, Friday May 21 and Saturday May 22 between 10am-1pm. Phone 8406 0500 for more information.

### Nursery access (see map below)

1. Travelling East along Sir Donald Bradman Drive turn left into May Terrace, the nursery entrance is immediately on the left.
2. Travelling West along SDBD turn right into May Terrace and then sharp left into the nursery - caution - merging traffic.
3. Travelling south along May Terrace - no entry.

### Nursery exit

1. Give way to vehicles entering. All traffic must turn left into May Terrace and travel north: take caution.



An outline of the Westwood nursery, showing entry and exit points.

## Blyth 'legend' one of our own

By TANIA KEARNEY

By all reports, Blyth resident Ian Roberts is considered a "local legend" because of his on-going community work in and around the township.

To say his CV is impressive would be an understatement.

Ian is recognised as one of Australia's premier bird painters, in past years expanding his repertoire at his studio and art gallery, the Medika Gallery, to exquisite paintings of eucalypts and other native Australian plant species.

He is a third-generation Blyth resident who has helped the community open its first cinema, he owns a B&B cottage in Clare, Windmill Cottage, (set on 40 acres and featuring 8000 plants and 1200 species including *Banksias*, *Melaleucas*, *Hakeas*, *Grevilleas* and *Eucalypts*). He farmed at Blyth for 18 years before making the career change to artist in 1983.

In recognition of his efforts within the community, Ian has won an Australia Day Citizen of the Year award for Blyth, appeared on the cover of the Yorke Peninsula and Mid North White Pages in 2007 and received a Westpac Australian Community Idol award in 2008.

In his 'spare' time however, Ian's focus is firmly on the environment. It's a passion which started when he was a young boy and has continued; for the past 22 years he has propagated and planted tens of thousands of trees and shrubs.

Ian said when he was young his grandfather, "Papa Tilbrook" always had a few *Eucalyptus* seedlings germinating in the window of his car shed and he also regularly accompanied his grandfather on Coolabah Club trips to visit other people's plantations.



*Eucalyptus macrocarpa* seedling

A Western Australian species.



Ian Roberts at work in his studio and below, one of his *Eucalyptus* paintings.

"Because of him, I developed an early interest in the diversity of eucalypts (mainly WA species). He had been growing eucalypts since about 1925," Ian said.

"He also gave me an interest in photography. His propagation and my early exploits were about ornamental and bushy eucalypts, so the focus was mostly WA species. Over the past 20 years I've switched to local species and Trees For Life has played a large part in this."

Ian joined Trees For Life in 1990 and since that time has organised the Annual Community Tree Planting Day each year. He estimates the event sees up to 7000 seedlings being planted for revegetation projects along roadsides, scrubs, rail corridors, the Golf Course and private plantings around farms and on property in the Clare Hills.

Through TFL and the Blyth-Brinkworth Biodiversity Unit, Ian has experimented and supplied thousands of understorey plants to the community in the past 10 years specifically, aiming for around 30-40 different species each year. Before that, he used to get about 2000 seedlings grown by city and country volunteers and did the balance.

Since then, he has ordered about 60 kits through TFL each year and grows them all himself.

Apart from visible outcomes such as enhancing his local environment, Ian says a major difference he's noticed in the region since starting the revegetation work has been the increase of birdlife.

"I've noticed a dramatic increase in parrots, lorikeets and honeyeaters, with more sightings of migrating robins, whistlers, woodswallows and others," he said.

Paintings of some of these beautiful birds can be seen at Ian's Medika Gallery in Blyth, or people can log onto his website [www.medikagallery.com.au](http://www.medikagallery.com.au)

The website also features some of his latest works focusing on *Eucalyptus* seedlings, for which he has been receiving on-going support and advice from *Eucalypts of South Australia* author and Director/Head of Research of the Currency Creek arboretum, Dean Nicolle.

So next time you are visiting Blyth and admiring its local flora and fauna, you can proudly say that one of our very own TFL members has been the inspiration. Or better still, call in and see him at the Medika Gallery or Blyth Regional Cinema. He's bound to be working somewhere!

## New on-line resources for growers

If you need a bit more help or reassurance about growing seedlings, or just want to be part of our 'growers group', we have some new on-line resources for you.

Through our new Grower Resources page on our website, you can download the Propagation Booklet, watch the DVD on transplanting and thinning, or browse the Frequently Asked Questions page.

Another resource available to growers is the Photographic Growers Journal which documents the growth stages of a number of common species. This resource is particularly handy for new growers to gain an understanding of what things should look like and by when.

In addition, the Tree Scheme now has its very own Facebook site, 'TFL Way to Grow!' Become a friend on Facebook and you can access additional links to photos and events, network with other growers and write messages direct to your Grower Coordinator, Jennifer Howe. The Facebook link is also available from the Grower Resources section on the TFL website.



One of Trees For Life's oldest bushcarers Pam Fiala is an inspiration to many people but she is keen for all the focus to remain on her biggest passion, the environment. She talks here to TFL's Bush For Life Field Officer, Matthew Endacott.

## Age no barrier for committed Pam

By TANIA KEARNEY

Let's get one thing clear from the outset. Pam Fiala doesn't like being in the limelight.

Yes she's 81 years old, and yes, she easily steps over fallen logs and branches, walks over rocks, down slopes and bends to pull out rogue weeds frequently as we walk and talk. Not to mention Pam's ability to use her brushcutting and spraying skills when required.

It's just that this small, demure woman can't understand why anyone would be interested in the fact she is an active bushcarer with Trees For Life. It's just what she does.

Known locally in the Mitcham area as an environmentalist who "gets around in her old grey VW" packed with Bush For Life equipment such as a brushcutter and spraying unit, it sounds like Pam has never been one to let the world – or its problems – pass her by.

Pam's career was as an analytical chemist, and during her course she also studied zoology and

geology. A connection to the environment intensified when she moved to Tasmania for her first job in 1949, remaining there for 10 years. Cool temperate rainforests and alpine plateaus were new and wonderful worlds for a South Australian. Bushwalking became a favourite recreation and she often trekked through Tasmania's beautiful wilderness for days on end.

### Wilderness Society

The love of Tasmania that developed at this time resulted in Pam becoming an active volunteer with the Wilderness Society pre-Franklin Dam era in about 1981 and she supports them to this day – the present environmental disaster being the "ugly possibility of a polluting and forest-destroying pulp mill" being set up in the Tamar Valley, she said.

Pam had always had a desire to study botany and instead of living with the regret of not going down that path, she studied botany at Adelaide Uni when she was in her 60s.

It was around this time that Pam talked to one of our earliest bushcarers, Nancy Cock, about the work she was doing on a site at Sleeps Hill Quarry Reserve, in High Street, North Belair.

Nancy invited her to go to the site and see first-hand what she was trying to achieve. And the rest, as they say, is history.

Pam started working on the 2.7 hectare site as a TFL bushcarer in 1995.

Together with her colleague Jan Madeley, they now work most Tuesdays on their site together, with Pam also finding herself "visiting it" more often between July and November.

She said when she first took on the Grey Box woodland site, the amount of boneseed and olives that were impacting on the native vegetation was "quite overwhelming".

### Olive eradication

"We focused most of our time on eradicating those weeds and Mitcham Council chainsawed and burnt the large olive trees in 1996, leaving us to treat regrowth from stumps and weed seedlings," Pam said.

"When we got most of that under control, we thought the worst was over but looking back it was really only the beginning as we've been tackling Guildford grass, plantain, sparaxis, Salvation Jane, Capeweed, clovers and annual grasses ever since."

Years of hard work (Jan started working on the site in 1999) has led to the extensive regeneration of indigenous understorey plants. A revegetation program using locally collected seed also led to the propagation and planting of more than 400 understorey plants in more degraded sections of the site.

The State Heritage listed site – which preserves some of the last examples of old quarrying methods in Adelaide from the 1950s – is now linked to several of TFL's other Bush For Life sites in this same reserve system. These are providing essential vegetation links vital to native flora and fauna.

The site comprises around 102 indigenous species, several of which are considered rare under conservation ratings for indigenous plants of the Southern Mount Lofty Ranges.

Pam and Jan are very methodical in their work,

tackling one section at a time. Pam has also started compiling her own herbarium, detailing indigenous species, including grasses and grassland weeds. At last calculation, there were 32 weed species on the site.

Pam has also kept many before and after shots of the site so they can look back and see just how much they've achieved over the years: "It's good to have a real record of just how much we've done because some days can be frustrating".

Jan is obviously very aware of how much time and effort Pam puts into the site and constantly talks about her commitment to the environment.

"I've wanted to nominate her for a couple of awards but she won't hear of it ... she does much more than I do!"

While undoubtedly deserving of the accolades, it is evident Pam just wants the focus to be on the environment and voices her concern for the future.

"I don't know how long I'll keep being a bushcarer. I'll go for as long as I can but I don't have as much energy as I used to. We just have to hope someone else takes over the work we've done here," Pam said.

And as for her gorgeous beetle which she bought in Melbourne in 1959, she has no intention of letting that go either.

"It's got none of the luxuries ... no cooling or radio but it's in very good condition and it gets a check up every six months. The best part is that I can keep all my bushcare equipment in it and just drive up to the site whenever I feel like it."

Which hopefully, for the environment's sake, will be for many more years to come.



Pam with her much-loved VW.



Undertaking some work at the Heron Reserve site in Bridgewater are, from left, Bush Action Team volunteers Jan Shepherd, Zi Yu, Zen Hua Gao and Bush For Life Field Officer, Jenna Currie.

## Volunteers work on frog habitat

Last season Bush Action Team volunteers completed the second of two on-ground events designed to assist, preserve and regenerate native vegetation on sites with frog habitat, generously funded by the Nature Foundation SA through its Amphibian Appeal.

Two sites with frog habitat were chosen to be supported by the funding, Sauerbier Creek Reserve in Happy Valley and Heron Reserve in Bridgewater. Both are freshwater watercourses with remnant vegetation that is being cared for by Bush For Life volunteers.

The contribution of extra funding from Nature Foundation enabled us to coordinate an extra Bush Action Team (BAT) on the sites ensuring that some of the more intractable weed populations were brought under control. In Sauerbier Creek blackberries are preventing regeneration of riparian native plants, while on Heron Reserve deciduous tree seedlings are proliferating at an alarming rate. Both these issues have the potential to alter the habitat that native frogs depend upon.

Sponsoring a BAT helps fund the equipment, organisation, supervision, volunteer training, transport and other costs for our volunteer teams. Each BAT

is supervised by two qualified Bush For Life staff members. Other funders of BATs this year have been The Native Vegetation Council, City of Mitcham, City of Burnside, SA Water and ElectraNet.

## Thanks a million to our volunteers!

For the first time in Bush For Life's history, volunteers have clocked up more than \$1 million of in-kind contribution through the hours they have worked!

This figure was collated from responses to our Bush For Life questionnaire, which showed volunteer hours in 2009 increased from the previous year.

During 2009 the average hours worked on Bush For Life sites by each site volunteer was 40.3. Including the hours worked by volunteers participating in group activities this equates to a total of 35,735 hours worked by all volunteers across the program and is equivalent to \$1,072,054 of in-kind contribution.

Information gathered from the questionnaire is extremely important as it is used to demonstrate to landholders and funding bodies the time and effort that volunteers put into protecting remnant vegetation.

Other responses from the questionnaire allow us to

plan future Bush For Life activities that are better suited to volunteers and what we can do to improve the quality of support we provide.

So thank you to those who filled in their forms and congratulations to you all on a magnificent effort.

## Mangroves to Mallee, by Todd Berkinshaw

By MARK ELLIS

This newly published book by Todd and Greening Australia fills a very useful niche in the botanical literature of South Australia for the lay person.

There are few books currently in print which give the reader such a comprehensive entrée into the world of the indigenous flora (and naturalised bushland weeds) across the diverse habitat landscapes of SA.

The beauty of this book is not only in its attractive presentation, but that it covers such a wide range of species and habitats.

While the book cannot contain all 3083 indigenous species that occur in SA, it does give a guide to the most common and frequently encountered.

The first part of the book describes at length each of 56 plant communities, arranged in landscape types (eg Coastal to Mallee). Plant communities are defined by their dominant species, their structure and the common understorey species found within them.

This is important context setting for latter parts of the book, as each species must be seen as part of a dynamic plant community.

The occurrence of plant communities is dictated by environmental conditions, and unfortunately now by patterns of clearance.

The book devotes a quarter of a page description to each species, with photos of plant habit and some with close-ups of flowers, leaves or fruit to aid in identification.

The species descriptions use plain English easily understood by the lay person and also give useful notes on flowering and fruiting times for seed collectors and revegetators.

While not designed as a scientific text it gives accurate information on species scientific and common names, family and notes on the current conservation status.

A small map shows the distribution of each species.

Of course as with any book covering such a vast area and range of habitat types not every species can be covered, so the enthusiast will need to delve deeper into the botanical literature to refine species identification for less common or confusing species.

The appendices contain useful information on the distribution and conservation status of the major plant communities and species in SA, the distribution and status of bushland weeds (including declared species).

This book will be of great help to landholders when ordering seedlings for their own revegetation projects through the TFL Tree Scheme. Many of the species available for order through TFL are featured in the book and habitat descriptions will help landholders make informed choices.

The section on Bushland Weeds is an excellent initial guide to some of the most commonly encountered environmental weeds.

Bushcarers will note that many are Australian natives from other regions that have escaped from cultivation.

Copies of *Mangroves to Mallee*, printed by Finsbury Green, are available for sale through TFL for \$79.95.





Revegetation work at Monarto Zoo has been extremely successful.

## Private land for revegetation still needed

Trees For Life is still looking for landholders willing to host carbon plantings in 2010.

We need land of 10 hectares or more in areas with an average rainfall of 350mm annually or more. We cover all the costs of revegetation and pay you a small stewardship fee to watch over and protect the plantings. To participate you must be willing to enter a formal legal agreement to protect the plantings for either 50 or 100 years. For more information ring the TFL office for an information sheet or call Dennis Hayles on 0429 142 499 to arrange a site visit.

## Stand up and be counted

Our members are encouraged to register for the Plant for the Planet: Billion Tree Campaign, a worldwide tree planting initiative facilitated by the United Nations Environment Program.

People and communities are encouraged to enter tree planting pledges on-line. The campaign strongly encourages the planting of indigenous trees and trees that are appropriate to the local environment.

By the end of 2009, more than 7.4 billion trees had been planted under this campaign – far in excess of the year-end target of 7 billion – by participants in 170 countries. With this success continuing into 2010, the Billion Tree Campaign will make a substantial contribution to the 2010 International Year of Biodiversity, raising awareness of the importance of biodiversity for our well-being. So TFL members – stand up and have your tree planting efforts recognised. You can register on line at [www.unep.org/BILLIONTREECAMPAIGN](http://www.unep.org/BILLIONTREECAMPAIGN)

## Summit results 'weak'

The 15th Conference of the Parties (COP 15) held in Copenhagen in December was intended to result in a legally binding framework to reduce global greenhouse gas emissions, with both rich and poor countries taking on the responsibility and committing to strong emissions reductions targets.

Instead the summit ended with a vague statement and a non-binding 'accord' which leaves global carbon markets in limbo and environmentalists concerned the proposed 2 degrees cap on temperature rise is now out of reach.

While the accord formally recognises the need to cap global temperature rise to 2 degrees, it does not go as far as to commit to achieving that.

### Forest Funding

Of particular interest to our members, the role of forests in addressing climate change was prominent at the talks. Item 6 in the accord recognises 'the crucial role of reducing emission from deforestation and forest degradation and the need to enhance removals of greenhouse gas emission by forests and agree on the need to provide positive incentives to such actions through the immediate establishment of a mechanism including REDD-plus, to enable the mobilization of financial resources from developed countries.'

The implementation of the accord will be reviewed in 2015 and a stronger long term goal will be considered depending on the science.

The weak results of the summit present a challenge to the Australian government and its proposed emissions trading scheme (ETS). Australia has always proposed cuts of between 5 and 25 per cent by 2020 but it remains to be seen what the final number will be and how this will be reached.

For more information visit [www.carbonneutral.com.au](http://www.carbonneutral.com.au)

## New CEO for Carbon Neutral

Carbon Neutral WA has welcomed Ray Wilson as its new Chief Executive Officer.

Ray takes over from inaugural CEO Leo Kerr. Ray has a diverse background in the agribusiness sector and holds a Bachelor of Agricultural Economics and Master of Business (Marketing) degrees.

He believes the farming and food industry faces a major challenge in meeting the growing demand for healthy food in a low carbon economy and with pressures to reverse the decline in biodiversity in the rural landscape. He is excited by the role Carbon Neutral is playing in working with rural communities and landowners to facilitate revegetation of degraded land and restore biodiversity and native habitats.

Ray met in early February with Carmel Dundon to get acquainted with the SA operations and to meet the SA team.

## CN Annual Report available

The Carbon Neutral 2009 Annual Report is now available to read or download from the Carbon Neutral website. [www.carbonneutral.com.au/downloads](http://www.carbonneutral.com.au/downloads). The report covers information on the products and services we offer including carbon reduction and consultancy services, planting trees for carbon sequestration and revegetation, provision of accredited carbon offsets in the form of verified emissions reductions (VERs), gift certificates and ecards and seminars. It also provides information on some of the 2009 planting sites across Australia.



## TFL's V-blade a 'clear winner' in early trial results

Trees For Life's belief in the use of a V-Blade direct seeder for low rainfall sites is so far being supported by early results of a trial which began last year.

Trees For Life teamed up with the Murray Darling Basin NRM Board, Murray Mallee LAP, Department of Environment and Heritage and Greening Australia last May to try to address a concern over the generally poor run of seasons in the northern Mallee in recent years.

Environmental departments and groups have noticed limited revegetation success, especially for direct seeding of native plants on sandy soils.

Wattles and hop-bushes are often the only types to survive (if anything does survive), leaving seed from many other species to go to waste.

As such, a 7ha direct seeding trial for native trees and shrubs was implemented on a degraded sand dune near Mantung.

Funded through State Natural Resource Management, a big focus of the trial has been to re-visit some of the commonly used methods of direct seeding to compare their performance in this day and age, as well as testing new types of seed treatment and soil mulches or crusting agents.

Participants have been especially keen to try to see if a particular treatment is better for improving the reliability of fine seeded species, such as *Leptospermum coriaceum*, the Green tea-tree or Mallee tea-tree, which can be important components of local habitat.

Eleven local native species were sown in late May, from the following genera: *Acacia*, *Babingtonia* (formerly *Baeckea*), *Callitris*, *Eucalyptus*, *Leptospermum* and *Melaleuca*.

And although they are awaiting 'after summer' results to be statistically analysed, there are already some clear indications - with Trees For Life's V-blade direct seeder coming up trumps, according to trial analyst, Environmental practitioner, Phil Barron, of Barron Environmental.

"Overall, the Trees For Life V-blade is a clear winner on the sandier soils - with literally 10 times more plants per metre than the standard disc (3/m vs 0.3/m), with a good range of species," Phil said.

"No other treatment seems to be standing out either, which means that the standard seed treatment is doing OK."

Phil said there are, however, still relatively low numbers of other fine-seeded species, such as *Leptospermum* and *Melaleuca* (so far 0.1-0.3/m).

"So presuming there are more losses over summer, this result may support augmenting direct seeding with seedling planting, if these species are needed in the results," he said.

TFL's Direct Seeding Manager David Hein said the results to date were very pleasing.

"Trees For Life has always recommended the V-blade direct seeder for low rainfall sites and this trial has supported our methods," he said.

A final report on the trial will be completed later this month, and will be featured in *ReLeaf's* June edition.



The V-blade creates a trough in which seeds are centrally placed and also forms a gully to capture rain, and inset, a close up look at some seedlings which have successfully come through with the V-blade method.

## Trial specifics

Given the short time-frame, the trial is basically comparing 2 different types of machinery, 3 different seed treatments and 2 types of mulches/crusting treatments.

These include:

- Machinery (2 options): Trees For Life's Burford/Rodden 'Arid Zone V-blade' & the standard disc Burford seeder. The latter with wetting agent as standard;
- Seed treatments (3 options): 'Standard- prepared' seed, 'Primed' (all pre-soaked, including the fine seed) seed and seed coated with seed solutions Oxymelt & Wattlegrow.
- Soil mulch/crusting (2-3 options): Dustex and Dustbloc (no mulch as a control or standard treatment).



Enjoying the get together at the volunteers' Christmas party in December are, from left, Trevor and Lorraine Bright, Peter Townsend and Margie Mitchell.



TFL members Mara Pearson and Nicole Carapetis at the Christmas party.



Geoff and Barbara Moss's beautiful Bush For Life site was the setting for the Bush Action Team's picnic in December.

## Our Christmas thank you

More than 150 people attended Trees For Life's 2009 members Christmas party.

The event gives us the opportunity to thank all of our valuable volunteers and supporters for their tireless efforts throughout the year, and also features our Thank You Tree Awards (recipients pictured below).

Thanks to everyone who attended, brought food to share and helped with the clean-up.

A big thank you must go to the City of West Torrens for their loan of equipment and the City of Mitcham for their donation towards expenses.

Thank you also to those members who nominated people for the Thank You Tree Awards.

### BAT Christmas picnic

We also had a wonderful time at the annual picnic for Bush Action Team volunteers, which was held at Geoff and Barbara Moss's spectacular Bush For Life site at Mandilla Reserve, Flagstaff Hill.

Thanks to all who attended.



Angela Cullen and Norm Lee catch up at the BAT Christmas picnic.



Thank You Tree Awards were presented to 43 of our wonderful volunteers at the Christmas party, in recognition of their hard work and help throughout 2009.



Thorsten said TFL sent him three stickers about a year ago and since then, he's put one of them on his car "to show everyone what a good club be in Australia".

## Germany's Thorsten a proud member

Trees For Life has members and supporters far and wide. One of our Life Members, Thorsten Stollmeier, is a German resident who recently sent us a lovely letter, drawing, poem and photograph. Thorsten heard about TFL while in Australia in 1997-98, during which time he worked at the Clare Garden Centre.

*"Hello and g'day to all of you, Yes, today I thought it could be a good idea to write a letter to Australia/TFL to say hello and to show all members what I wrote three days ago for Trees For Life and to say many thanks for helping and keeping green 'The Festival State, SA' day by day.*

*I'm a member, too. But I'm so sorry that I can't help you in SA really with my hands. I'm in Germany and that bloody long way for only a weekend - it's too much unfortunately.*

*But I'm always really interested in the ReLeaf letters. These I can mostly follow what you do over there in Australia. All your positive actions to get more, to do a bigger space for SA's nature. Well done... thanks so much.*

*Okay doke, mates, Thank you"*

## Teacher's help recognised

A Curramulka Primary School teacher who has worked with Trees For Life on environmental projects for the past four years has been recognised with an Inspirational Teaching Award.

Jenny Hansen has been at the school since 2001 and has instigated several extra-curricular activities and projects.

Relating to the environment, Jenny initiated a parklands project which involved reclaiming and rehabilitating 15 hectares of woodland scrub. She has also worked with the school and local community members to revegetate the parklands, planting an estimated 6000 native trees and shrubs and helping to create a 1.5km walking trail, complete with interpretive signs. Most of the native trees and shrubs planted in the parklands are TFL seedlings.

Visitors to the parklands can now learn about endangered species, native vegetation and Indigenous food and medicine.

In the past four years Jenny and her students have also worked with TFL staff member Dennis Hayles to learn more about indigenous species and invasive weed threats.

So congratulations Jenny on behalf of us here at TFL - you certainly are inspirational.

## Farewell to long time member

It is with great sadness that we announce the passing of one of our members, Darryl Pennington, who died in a car accident recently.

Darryl had been a TFL member since 1992 and was a long-time grower and former bushcarer.

Our condolences go to his family and friends.

## 2010 seed collecting workshops (SC1)

Wed	March 24	Belair
Tues	May 11	Stirling

## 2010 group seed collecting days (SD1)

Wed	Mar 31	meet Palmer
Tues	May 18	meet Monarto Zoo

## 2010 Bush For Life workshops (B1)

Bush regeneration means looking after the bushland we have left, using minimal disturbance strategies and techniques to help it repair itself. It can be extremely rewarding lending the bush a helping hand and seeing the native vegetation spring back. If you are interested in becoming a volunteer on one of our Bush For Life sites or would like to learn more about managing your own bushland then come along to an Introductory Bush For Life workshop. Phone 8406 0500 to register for workshops.

Fri	April 9	Brooklyn Park
Sat	April 17	Victor Harbor
Tues	April 20	Tea Tree Gully
Sat	May 1	Stirling
Thurs	May 13	Mt Barker
Sat	May 29	Happy Valley
2 nights	June 10 & June 17	Brooklyn Park (field trip tba)
Tues	June 22	Belair
Sat	June 26	Milang
Thurs	July 1	Stirling
Sat	July 17	Port Adelaide
Sat	August 7	Gawler
Thurs	August 19	Burnside
Sat	September 4	Brooklyn Park
Sat	September 18	Belair
Tues	October 12	Mt Barker

## 2010 Advanced BFL workshops

Broadleaf weeds	Wed June 30	Field
Brushcutting 2 days	Jul 8-9	Brooklyn Park & Field
Plant ID Theory	Sat July 24	Stirling

More workshops will be listed in the June edition of *ReLeaf*. For the full schedule, visit our website

## Tree guards to give away

Just in time for the planting season, Trees For Life has thousands of new and second-hand coreflute tree guards which we'd like to give away to our landholders planting TFL seedlings this year.

Some of the newer coreflutes, courtesy of SA Water, are a non-standard size however - 690mm tall forming a 140mm

triangle with a slit for one stake (and they can spin in the wind apparently if a second stake isn't also used).

A maximum of 500 tree guards per person is offered and you must be able to come to the TFL office to collect them.

If you'd like to order some, or find out more information, please phone our office on (08) 8406 0500.

(Thanks also to Tea Tree Gully Council for giving us some of the tree guards).

## Trees For Life

Trees For Life, 5 May Tce, Brooklyn Park 5032  
Ph: (08) 8406 0500; Fax: (08) 8406 0599  
info@treesforlife.org.au; www.treesforlife.org.au

### Trees For Life Board

President - David Mitchell  
Vice President - Mary-Anne Healy  
Treasurer - David Bradley  
Secretary - Megan Harper  
Board Members - David Grybowski, Warren Hilton,  
Jonathan Lambert, Nathan Daniell and Michael Cain

### Trees For Life Key Contacts

Chief Executive Officer - Carmel Dundon  
Office Manager - Alison Platt  
Tree Scheme Manager - Maureen Redfern  
Bush For Life Manager - Mark Ellis  
Direct Seeding Manager - David Hein  
CN Operations (Land) - Dennis Hayles  
Seedbank Manager - Bruce Smith  
Membership - Carly Gowers  
Sponsorship - Glenys Perri  
Communications - Tania Kearney  
Fundraising - Bernie Omodei

### Trees For Life Rural Contacts

<i>Gawler</i>	Sylvia Nieuwenhuizen	8406 8419
<i>Noarlunga</i>	Graham Greaves	8386 1018
<i>Willunga</i>	Joyce West	8323 7513
	Paul Rosser	8323 8189
<i>Mt Gambier</i>	Briony Schleuniger	8724 9759
<i>Mt Pleasant</i>	Ruth Charlesworth	8524 6661
• <i>Clare</i>	Dean Schubert	8843 4317

## Useful contacts

### NRM Board Contacts

<i>Adelaide &amp; Mt Lofty Ranges</i>	Kym Good	8273 9100
<i>Alinytjara Wilurara</i>	Lorraine Rosenberg	8357 3880
<i>Eyre Peninsula</i>	Kate Clarke	8682 5655
<i>Kangaroo Island</i>	Jeanette Gellard	8553 4300
<i>Northern &amp; Yorke</i>		8636 2361
<i>South Australian Arid Lands</i>	John Gavin	8648 5194
<i>South Australian</i>		
<i>Murray-Darling Basin</i>	John Johnson	8532 1432
<i>South East</i>	Hugo Hopton	8724 6000

### Local native seed & seedling suppliers

<i>Trees For Life</i>	8406 0500
<i>Blackwood Seeds - Fleurieu Peninsula, Mid North, Adelaide Hills &amp; Murray Mallee</i>	8558 8288
<i>Northern Lofty Native Seeds - Northern Lofty provenance.</i>	Ph 8566 3073 Fax 8566 3630
<i>Provenance Indigenous Nursery - Adelaide coast, plains and hills</i>	8345 0300
<i>Themeda - Adelaide Plains</i>	8352 6778
<i>Wirrascape - Aldinga Plains</i>	8557 4173
<i>Fleurieu Natives - Adelaide Hills and South Coast</i>	8556 9167
<i>Yorke Seeds - Yorke Peninsula</i>	8853 1120
<i>Eucaleuca Native Services - South East</i>	8762 2061
<i>Growing Bush - Southern Mt Lofty Ranges &amp; South Adelaide</i>	0427 722 979
<i>Alexandrina Community Nursery - Southern Fleurieu and South Coast</i>	8554 2555
<i>Eyre Native Seeds - Eyre Peninsula &amp; Far West</i>	8682 6233
<i>Barossa Bushgardens - Barossa region</i>	0448 676 348
<i>Natural State - Mallee, Riverland, Adelaide Hills, South Coast, South East (www.naturalstate.com.au)</i>	8572 3049
<i>South Para Biodiversity Project - Yvonne Gravier</i>	0430 018 007

## REVEGETATION PRODUCTS

### AT BELOW RETAIL PRICE!

Mention Trees For Life when you place your order, and JA Grigson will sponsor Trees For Life on every item ordered below. Ask us about country deliveries as well!

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  - Typhoon Planting Tablets
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### DEH Bush Management Program

The Department for Environment and Heritage is divided into two broad functional areas in relation to the conservation of Biodiversity: Park Management and Biodiversity Conservation. Phone Bush Management advisers on (08) 8336 0903 or (08) 8595 2107.

### AMLR Land Management Program

The Land Management Program is an education and advisory service provided to the rural landholders of the Mount Lofty Ranges and the Fleurieu Peninsula. Through the program, rural landholders can participate in low-cost education courses, and demonstration field days, and receive one-on-one farm advice. Phone (08) 8391 7500.

### Murray River LAP

Local Action Planning groups undertake education and training programs, catchment monitoring, improved property management, wetland management and revegetation. Assistance is provided by way of direct funding or advice on technical, financial, engineering and contractual matters. Phone: (08) 8582 4477.

## Pindarie gives back to the land

Tony Brooks and Wendy Allan are the owner-operators of one of Trees For Life's newest sponsors – Barossa Valley's Pindarie Wines.

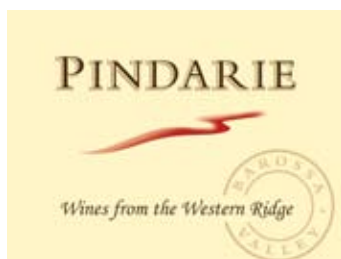
Tony and Wendy have been members of Trees For Life since 1998 and have carried out extensive revegetation on their property in that time.

Tony believes the land should be looked after in a sustainable manner and together with Wendy, they have planted and continue to plant thousands of native trees and shrubs through Trees For Life's Tree Scheme program.

A desire to 'give back' to the environment has now led them to sponsor Trees For Life through the sale of their boutique wines including Tempranillo, Sangiovese, Shiraz and more.

They also will have offers for our members through their mailing list and will make a \$10 donation to TFL for every case sold.

Pindarie Wines Cellar Door opens officially in April. Go to the offers page on our website to download the order form.



## Foodland help

Thanks to Foodland, which has generously increased its sponsorship contribution, for helping our direct seeding team purchase a quad bike.

The new vehicle enables team members to revegetate sites on difficult terrain.

The vibrant signage on the trailer was also provided by Foodland as part of its commitment to SA, its community members and our natural environment.



At the sponsorship announcement are, from left, TFL President David Mitchell, TFL CEO Carmel Dundon, SA Water CE, Anne Howe, and Adelaide Desalination Project Director, Milind Kumar. Photo: Tom Roschi.

## SA Water supporting the Tree Scheme

Last year, SA Water and Trees For Life again joined forces by signing a three-year sponsorship of the Tree Scheme program.

SA Water supports activities and programs aligned to its strategic objectives. Since 2004, SA Water and Trees For Life have partnered together to work towards a sustainable future – first with the Bush For Life program as a Golden Wattle sponsor, and now as major sponsor of the Tree Scheme.

Its support of the Tree Scheme will help offset the cost of materials volunteers use to grow seedlings.

SA Water is committed to sustainable and efficient land use, the restoration of water catchment areas (and in turn improvement of water quality), and the involvement of the community.

SA Water manages around 80,000 hectares of land across South Australia and is the single largest landowner in the Mount Lofty Ranges. It is committed to playing a leading role in providing a sustainable and secure water supply for the community and minimising its impact on the environment.

A range of projects and programs demonstrate SA Water's commitment to this objective including:

- The \$3.08 million Mount Bold revegetation project – involving the retirement of grazing leases and the establishment of a self-sustaining native vegetation landscape across more than 450 hectares of the Mount Bold and Clarendon Weir reservoir reserve;
- Carbon Biosequestration project – involving the revegetation of 700 hectares of SA Water land;
- Continued plantings at reservoirs, water tank sites by staff, volunteers and the community.



Displaying the new Foodland signage at a recent seed collecting day in the mallee are staff and volunteers, from left, Bruce Smith, Ben Brinkman, Norm Lee, Alan Dandie, Dennis Hayles, Richard Winkler and Bill Scott.

## Is your will up to date?

Mark Howard, Barrister and Solicitor, is offering Trees For Life members a special rate on services to compile or revise and update your will.

In addition for every new client through TFL, he will donate \$50 per referral to Trees For Life to assist in our revegetation programs.

To make an appointment contact Mark on 0412 396 436 or email mark.howard@internode.on.net.

### Perpetual Sponsor



### Disclaimer

Trees For Life takes no responsibility for the services or products featured in its quarterly magazine, ReLeaf.



Magpie the magpie by Hannah

## What is biodiversity?

Hey Kids, did you know that 2010 is the International Year of Biodiversity

So what exactly is biodiversity? Well, it is the huge variety of plants, animals and microorganisms that share a place to live. If you visit a forest, you can see birds and animals, snakes, lizards and spiders, insects of all sizes, sometimes you see mushrooms and other fungi. You can also see trees, shrubs, flowers and grass. If there is water you might see frogs and fish, floating beetles and dragon flies.

These creatures, plus lots of others you can't see without a magnifying glass or microscope, live together and help each other survive. Most birds need trees for

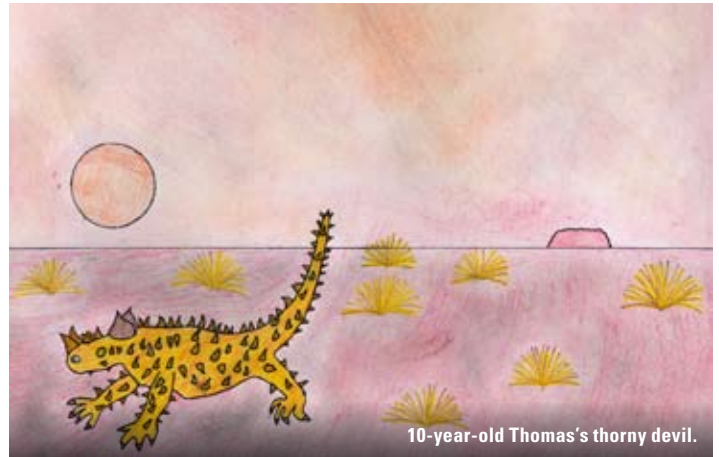
food and shelter, grasses for seeds and nesting materials and water for survival. Plants need healthy soil rich with worms and microorganisms. Animals need food and a place to sleep safely. Fish and frogs need clean water with small creatures they can eat and plants they can hide under.

When you have a good mix of all these living things you have good biodiversity. If there are too many of one creature then they will have to fight harder to find enough food and shelter to survive. If all the trees are removed from a forest then the creatures that depend on them for food and shelter will have to leave and find some other place to live. If there is no other place to go they will die. This is why biodiversity is so important to all of us.

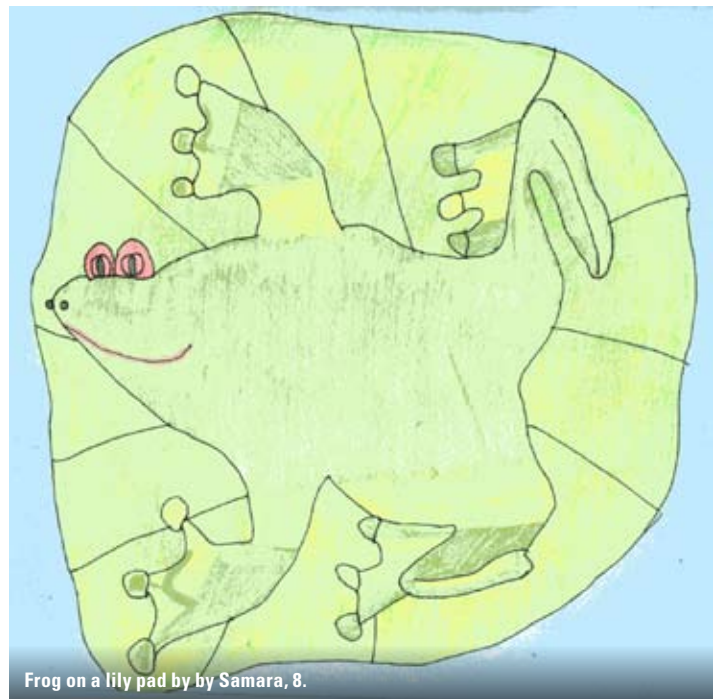
### Biodiversity and you

How many living things can you find sharing your house and garden with you?

Draw us a picture or write a story about the biodiversity at your house or your school. We will put your entry on our website and choose some to be on the Kids Branch page in June. All entrants will go into the draw to win a special prize for the International Year of Biodiversity.



10-year-old Thomas's thorny devil.



Frog on a lily pad by Samara, 8.

## Did you know?

Did you know that all identified plants have their own unique two-part scientific name to distinguish them from each other? Many of these names are derived from Latin words and, although often hard to pronounce, they prevent us from confusing species that sometimes have the same common name or 'nickname'. Scientific names also allow people from all over the world to use the same name without the need for language translation so, for example, regardless of whether you speak English, Japanese or French a river red gum will be known as *Eucalyptus camaldulensis*. This is also true for animal

names and no matter where you are in the world every human will go by the scientific name of *Homo sapiens*. Hidden in the adjacent word search are the first part of 14 scientific names that help distinguish some native Australian plants. See if you can find them all!

1. Allocasuarina
2. Acacia
3. Callistemon
4. Eucalyptus
5. Melaleuca
6. Leptospermum
7. Senna
8. Rhagodia
9. Atriplex
10. Callitris
11. Xanthorrhoea
12. Hakea
13. Kennedia
14. Banksia

a	l	l	o	c	a	s	u	a	r	i	n	a	v	c
t	o	p	c	a	t	c	e	k	h	l	f	b	h	x
r	q	u	u	l	a	c	a	l	l	i	t	r	i	s
i	g	y	t	l	c	f	i	c	s	x	e	y	y	e
p	f	i	c	i	a	r	r	d	i	w	c	m	e	n
l	h	k	d	s	s	o	t	m	u	a	a	i	g	n
e	l	e	p	t	o	s	p	e	r	m	u	m	a	a
x	r	n	g	e	u	c	a	l	y	p	t	u	s	x
a	w	n	o	m	k	c	b	a	n	k	s	i	a	a
s	o	e	i	o	f	d	i	l	w	o	r	p	m	n
t	l	d	f	n	h	a	k	e	a	g	o	d	i	i
v	e	i	d	y	s	s	c	u	e	d	s	e	o	x
d	r	a	k	a	r	l	k	e	i	b	a	i	l	d
p	i	s	d	d	f	r	h	a	g	o	d	i	a	p
x	a	n	t	h	o	r	r	h	o	e	a	q	h	l