



# Support from business on the rise

The WA Landcare Trust and some conservationists believe that business sponsorship for environmental projects is increasing and they are encouraging a community ethic that values environmental work.

"Environmental awareness in our community is at the beginning of an exponential increase, and business and corporate support of environmental projects will ride with it," said Sean Poole, marketing manager for the WA Landcare Trust.

The Landcare Trust is a government-funded organisation that has already had some success in linking sponsors with worthwhile projects. The Trust keeps a database of needy projects, including unsuccessful Natural Heritage Trust (NHT) grant proposals.

The traditional philanthropic funds will be expanding with an ageing population, and more women in positions of power want to put back into the community in a holistic way," Sean said.

"The economics of the future will be quite different. People are realising that restoring the environment is becoming economically sensible.

"Sponsorship will be one way for conservation groups to attract private funds to projects, along with things such as selling services like landcare advice and eco-tours."



*Green team members and Hyatt staff tree planting at Bennett Brook.*

Linda Taman, who has been involved in bushland and wetland care in Perth for about ten years and is the Catchment Coordinator for the Bennett Brook Catchment Group (BBCG), agrees that environmental funding from businesses is set to increase.

BBCG acquired sponsorship from Bristile for their newsletter and part-funds for a project officer. Bristile were approached because they have their headquarters in the Catchment and have mined clay extensively. Along with sponsorship, BBCG have a number of fundraising initiatives.

"We will be offering tiered membership including three corporate levels, developing a nursery to sell sedges and rushes for revegetation projects in the southwest and offering fee for service environmental work" Linda Taman said.

Small local business sometimes lend a hand. City Farmers supplied material to construct frog ponds at the BBCG's Environment Centre.

The Hyatt Hotel Green Care Team has had a unique relationship with BBCG for three years.

"They created 'greener' practices in the Hotel and also wanted to contribute something outdoors," Linda said.

"We organise planting and weeding days and they bring their staff and families - up to fifty people. Their chef cooks up a feast of fantastic food.

"We run an annual fundraiser wildflower walk for them with lunch and winery visits - next time we might include art galleries.

"The Hyatt Team have held raffles and sold recycled candles from their functions to raise money for us.

"It's a wonderful relationship. There's a core group that really enjoy the teamwork and like to check on how their work is progressing" Linda Taman said.

**Ecoplan celebrates 10 years of caring for bushland, see page 3 for details.**

*continued page 4*



Seasons Greetings to everyone involved in Bushland care. It has been another busy and successful year for many groups and as I visit various community conservation groups I hear people saying "I really think we are starting to get somewhere"! Well done for all the constant and dedicated effort. Hopefully the hot summer months will bring the opportunity for some time off and reflection on your project.



Thanks to all who attended the end-of-the-year wind up at the Hills Forest Activity Centre which was held this year in conjunction with the Swan Catchment Centre and Greening Australia (WA) Bushcare Support. What a beautiful day in the bush we had, learning about Aboriginal culture, making a few tools and getting a chance to eat some "bush tucker". Thanks especially to the SCC and GA staff for all the efforts organising the event. Many thanks to Koodah Cornwell and Vernon Thorne for such a wonderful presentation.



The seminar series this year has again been comprehensive and from the many responses we received from the evaluation, it seems to have been very useful for the many participants. Approximately 350 people participated in 20 workshops, seminars, walk & talks and skills training sessions. The partnership between Ecoplan, Swan Catchment Centre and Greening Australia (WA)

Bushcare Support has enabled us to deliver a more comprehensive training program. Thanks to your feedback, we will endeavour to deliver a worthwhile program for 2001. A detailed program of seminars and workshops will be sent out early in the new year and will be posted on the web sites of each organisation. A special thanks to Bronwyn Ryan of SCC and to Anna-Marie, Arleen and Rebecca from Greening Australia and to all the speakers throughout the year.



The Bushland Care Day program was very successful again this year with some 20 groups taking part. Many thanks to our partners, AlintaGas and the Australian Trust for Conservation Volunteers and to all the group coordinators and members who made these days such a success. Many thanks to Linda Taman for her support in organising the program, and to the ATCV staff, Ken Beasley, Conrad Slee and Megan Crossman, and to Selina Gates from AlintaGas for her support, encouragement and hard work. Also a mention to Kate Brown of the Environmental Weeds Action Network for her support at many of the sites. Thanks especially to the many dedicated volunteers who gave so willingly of their time and energy. A special thanks to Brian and Lois for your dedication.



Many thanks to Cath Drake for her ongoing contribution to Ecoplan News and for her work for Ecoplan.

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### Conservation Council of WA

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### Environment Centre of WA

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### Greening Australia (WA)

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### APACE

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### Swan Catchment Centre

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### Bushcare facilitator

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'Ecoplan News is a quarterly newsletter of Ecoplan, a Department of Environmental Protection program to support community involvement in bushland conservation'.

## International Year of Volunteers 2001

- It is very fitting that Ecoplan celebrates its tenth year in 2001, the International Year of Volunteers!
- The International Year of Volunteers Small Grants Program will offer funding up to \$5000 for proposals consistent with their objectives:
  - to recognise and celebrate the outstanding contribution volunteers make to a strong, cohesive Australian society
  - to have community, business, the media and government work together to build an Australian society that encourages and nurtures a culture of volunteering
  - to support Australian communities in their engagement in valuable and productive voluntary activities
- There are two funding rounds, the first closes on 10 January 2001 and the second on 10 April 2001. The application form and further details are available from the IYV website at <http://www.facs.gov.au/IYV2001> or call 1300 653 227 (free call).

## Ecoplan celebrates ten years!

Yes folks it is true, Ecoplan is ten years old in April and we are busy planning a celebration to honour the work of community conservation volunteers. Please put a note in your diary for Friday 6 April 2001. We are planning a "telling people the good news" event for media, politicians, council members, government departments in the afternoon. This will provide an opportunity to showcase some of the excellent work carried out by community conservation groups, then in the evening we will have a celebratory function for volunteers. All members of bushland conservation groups are invited and we are keen to contact associates of Ecoplan from the past.

If you would like to register your interest in attending this event, or want to make sure that someone you know is on the invitation list please call Kelly on 9222 8649 and leave your name and contact address.

### Thank you weedbusters!

Many bushland groups registered their weeding activities and displays on the Weedbuster Week national register last October. A significant amount of publicity was generated including a Channel 10 news feature at Shenton Bushland that was shown right across the nation. Thanks to the efforts of everyone involved and to all your efforts throughout the year in keeping the weeds issue in the public eye. The Hovea Ratepayers Association and the Upper Southern Wungong Catchment Team won the Weedbuster register prize draws of a copy of *Western Weeds* each. We look forward to Weedbuster Week in the second week of October 2001. Registering your weedy event helps draw attention to just how much work the community is putting into weeds.

Enquires to  
Sandy Lloyd  
on 9368 3760.



### Autumn Ecoplan News

Forward your news, activities and group reports for the Autumn Ecoplan News by 1 March 2001. Please keep your group reports under 250 words and articles as brief as possible. Send us your photos! Fax, email or write to Margo (see Ecoplan contacts panel). Thanks to all contributors.

# Learning opportunities

There will be plenty of ongoing opportunities to learn about the bushland and wetland care in 2001. Here are some highlights: see the *What's On* centre pages for more.

The Swan Catchment Centre/Ecoplan/Greening Australia (WA) seminars and workshops will continue to provide information sharing. Training Calenders (which include this series and many items) will be available early in 2001 from SCC and Ecoplan.

The Australian Association for Bush Regeneration (AABR) bimonthly discussion forums begin again on 14 March (with the AGM) and possibly include site visits in 2001 (Call Janice 9381 1479).

AABR and Environmental Weeds Action Network (EWAN) will join forces again to present a workshop on *Managing Grass Weeds and Recognising Your Native Grasses in Bushland* on 1 May 2001. It's particularly aimed at local government bushland managers. For information call Kate Brown on 9220 5311.

Apac continue their summer native seed collection courses with one on 15, 16 & 17 January and another on 12, 13 & 14 February. These wonderful three full-day courses are free and no previous experience is required (call 9336 1262).

The Naragebup Rockingham Regional Environment Centre are offering environmental workshops including bird identification, creating gardens for native birds, attracting frogs and butterflies to your garden and dangerous fauna. Call 9591 3077 for details.

The annual comprehensive five-day course on environmental issues *Catchments, Corridors and Coasts* run by the Australian Association for Environment Education (WA) will begin on 11 January. It's great fun and suitable for teachers, other educators and anyone interested. Book via Janette Huston on 9574 6039.

## Beware: Geraldton carnation weed

by Diane Matthews

The Environmental Weeds Action Network (EWAN) held a workshop last October to explore the control of *Euphorbia terracina* (Geraldton carnation weed or purge). This bushland weed from the Mediterranean initially invaded our coastal soils, but has spread over the last ten years and is now found in a variety of inland areas.

At the workshop, Bronwen Keighery gave detailed botanical information, explained the weedy features of this plant and highlighted opportunities for its control. Bill Betts from the City of Stirling and Bob Dixon from Kings Park described their control programs. Bob also warned that *E. terracina* is spreading by spindly single seedlings into good bushland.

The *Euphorbia* genus has a long history of having purging properties and is known to be effective in removing warts. Rod Randall from Agriculture Western Australia provided fascinating details and even a recipe for the relief of asthma - NOT recommended! However, due to its milky sap, *E. terracina* can be very irritating on contact. Some particularly alarming

reports of allergic skin reactions and eye injuries have recently been recorded.

EWAN is particularly concerned to raise awareness of this danger. It is strongly recommended that bush carers cover themselves with trousers, long sleeved shirts, and wear gloves when dealing with this weed. Particular care should be taken not to rub or splash sap into the eyes or onto the more delicate skin of the face. Mechanical removal such as whipper-snipping or mowing will spray sap. It seems that the time of day and amount of time spent on the job could also be critical. This could be related to perspiration and open skin pores. It is recommended that work be carried out in the cooler early morning and not for extended periods. EWAN, with the support of Bushcare and the Swan Catchment Centre (SCC), has produced an informative brochure on *E. terracina* which is available by contacting SCC on 9220 5300 or by emailing [kate.brown@wrc.wa.gov.au](mailto:kate.brown@wrc.wa.gov.au) EWAN also intend to produce free workshop proceedings with the help of a Gordon Reid Foundation grant. These will be available from Diane Matthews on 9457 2896.



Opportunities for sponsorship and business support will vary according to what is available locally.

"Know who you are, value what you've got and that it's a good 'product' and articulate that well," advises Sean Poole.

"Know the demographics of your members and your area of influence, and work out what sponsors are appropriate.

"Get value for what you give. Don't sell your soul or promise the world for a little bit of support."

For information on the WA Landcare Trust call 9325 0025 (Sean Poole or Christine Wardell-Johnson). You can discuss a project idea or get advice on acquiring sponsorship. In February, the Trust will be holding seminars in the northern agricultural area (north of Gingin). A sponsorship manual will be available early in 2001.

The Swan Catchment Centre has a useful package of notes on obtaining sponsorship from a recent seminar (call Suzy on 9220 5300).

## Digging up bridal creeper?

You can help with the biological control of the noxious bushland weed, bridal creeper. Kathryn Batchelor at CSIRO in Floreat, who is working on the bridal creeper biological control project, is after a good supply of bridal creeper tubers. She wants to make sure she has enough tubers to keep schools and others going in rearing the biological control agent, the South African bridal creeper leafhopper. If you are digging up this smothering weed, or want to, and can supply tubers please call Kathryn on 9333 6643 or email [k.batchelor@cmar.csiro.au](mailto:k.batchelor@cmar.csiro.au). She can collect them in the metropolitan area only.

The leafhopper itself will be available for release into high conservation value areas with another biological control agent, a bridal creeper rust fungus, in April/May. A workshop will be held at Bold Park to give instruction about releasing the bio-control agents. The leafhopper has already been responsible for successfully defoliating the creeper at a number of sites such as Bold Park and Yanchep.

## Clean-Up in 2001

People across the country help pick up rubbish on the annual Clean-Up Australia Day on 4 March. This year the WA Clean-Up Office wants to encourage communities to tackle bushland and roadsides, where rubbish dumping is of great concern. Schools Clean-Up Day is Friday 2 March.

If you register a site, the program will help attract volunteers. Public liability insurance for supervisors and participants, rubbish bags and 'sharps' containers will be provided. Bulk rubbish collection will be organised for you.

In 2000, the Perth office provided some assistance to identify and 'fix-up' some sites so that they attract less rubbish in the long term. Once again, there will be assistance provided to find more permanent solutions with some

facilitation, support and help with access to funding.

If your site is in the metropolitan area contact Maureen McDaniell on 9388 0033 for further information. If you wish to work on a site outside the metropolitan area call 1800 024 890.

### Coastal Clean-up

Coastwest/Coastcare is organising a State-wide beach, estuarine and river clean-up in May and are looking for people who would like to be local coordinators. This involves helping to mobilise local community volunteers, distribution of publicity material, data collection and analysis and arranging the bulk rubbish pick-up. Call Renelle Thorpe for further information on 9420 7209, [amcswa@inet.net.au](mailto:amcswa@inet.net.au).

## Funding sources

### Gordon Reid Foundation

Community groups and local governments are invited to apply for funding for nature conservation projects from the Gordon Reid Foundation for Conservation, a Lotteries Commission initiative. Applications forms and guidelines are available by calling the Commission on 9340 5270 or by downloading them from [www.lottery.wa.gov.au](http://www.lottery.wa.gov.au). Once you have a concrete idea for a project it is a good idea to run it past the Foundation's Executive officer, Micheal Sandford, before putting in your application. There is no deadline for applications.

### Threatened species grants

Threatened Species Network grants (a joint program of the Natural Heritage Trust and World Wide Fund for Nature) will again be available in 2001, closing in late April. They are for site-specific on-ground work to conserve listed threatened species or ecological communities through activities such as habitat restoration, weed and feral animal control, population surveys and monitoring, fencing and fire management. For details take a look at [www.nccnsw.org.au/member/tsn](http://www.nccnsw.org.au/member/tsn) or call Sandra McKenzie on 9387 6444. Applicants are encouraged to discuss their ideas with Sandra in the early stages. There may be some changes, but it should be similar to the 2000 funding rounds.

### Funding for trails

Incorporated community groups and local governments can apply for funding to plan, construct, upgrade or promote non-motorised recreational trails. Dollar for dollar fund matching is required (half of this can be in-kind and the rest must be cash). Guidelines and application forms are available from Ken Ashman, Trailswest on 9387 9740 or by downloading from [www.msr.wa.gov.au](http://www.msr.wa.gov.au) (follow Trailswest links). Applications are due by 30 March 2001. Land owner and local government approval is needed. For queries on grants for bike trails call Jim Krynen, Bikewest, on 9216 8305.

### Natural Heritage Trust (NHT)

This is the last year of NHT funding. State guidelines and application forms will be available in the beginning of January. If you have a project idea for the metropolitan area contact Nicky Staveley on 9325 0026 (central office) or Kel Baldock 9445 5455 (Perth region). Outside the metropolitan area in the southwest contact James Dee (9752 1688). Applications are due on 23 February.

- The Minister for the Environment's Community Conservation Grants were announced in November and closed on 1 December.

# Ecoplan Econotes: Busy bushland ants

Information and pictures courtesy of Environmental Biology, Curtin University

## Seed keepers and soil movers

Native ants are particularly busy during the hot summer keeping ecological processes going in bushland. Some ants (eg natives in the *Rhytidoponera* genus) take the seed of plants such as wattles which have an edible nutrient-rich strip called an elaiosome or aril, into their nest. In the moist, insulated nests, fertile with ant faeces, seeds can germinate safe from predators. Some ants also have a mutual arrangement with other 'bugs'. For example, some butterfly larvae are looked after by ants (eg cocktail ants) in their nests. The larvae secrete a sugary substance for the ants to eat.

Adult ants eat nectar, honeydew (watery sugary faeces of plant-sucking bugs) and insect blood. They feed their larvae on a range of food including mites, spiders, and insect bodies. Some feed on matter from larger animals. They clean up waste and can help keep numbers of other critters in check.

Ants are important food for other insects, spiders, lizards, birds and even echidnas. Their tunnelling aerates the soil, working in nutrients and making them more available for plants.

## Urban ants

There's an estimated 4-5000 ant species in Australia, and upwards of a hundred species in the Perth area. One study recorded over fifty species from the Mt Eliza Scarp in Kings Park alone.

Common native ants in the Perth area include the meat ants (*Iridomyrmex*), sugar ants (some species were an Aboriginal food), the greenhead genus (*Rhytidoponera*: the common local species has an iridescent violet sheen) and cocktail ants that nest mainly in trees (*Crematogaster*). In sandy areas, *Melophorus* ants are very active in midday summer sun. The larger bulldog ants are sensitive to disturbance and not common in small urban bushlands.

Habitats that are typically rich in ant species have well-spaced herbaceous plants, good plant diversity and good food sources. Damp, thickly vegetated and disturbed areas are not likely to be as rich in species. Areas in the Darling Range have been found to be very rich.

Native ant groups have begun to be used as indicators of ecosystem health or to measure the success of revegetation programs.



*Crematogaster laeviceps chasei* Forel - workers



*Pheidole ampla perthensis* Crawley - major and two minor workers



*Camponotus terebrans* (Lowne) - major and two minor workers



*Melophorus* sp. - worker, 'stick-nest ant'

## Alien ants

There are about a dozen introduced ants found in the southwest of WA, but the Argentine and coastal brown ants are the most common and of most concern to the human and natural environment. Argentines don't smell acrid when crushed, form distinct, narrow trails and are particularly attracted to sugar. Coastal browns are smaller, a lighter colour, include minor and major workers (with big heads), create more scattered trails and are more attracted to protein foods.

Since heptachlor is no longer used to spray Argentine ants (not a bad thing in itself) coastal browns have increased notably and are now taking over small and disturbed bushlands to the exclusion of native ants. Where there may have been many species, now there are just coastal browns. In highly colonised areas, their very active tunnelling can disturb plant roots and cause plant deaths. Both coastal browns and Argentines can swarm and annoy animals and encourage and protect other unwanted insects like aphids and mealy bugs. Introduced ants haven't evolved with local plants and animals and so disturb their habitats.

Coastal browns are often found in weedy or disturbed areas, edges or pathways in larger bushlands and generally don't penetrate into good bushland areas (although Argentines have limited penetration). Avoiding disturbances in bushland helps keep introduced ant numbers down.

It may be possible to encourage native ants in your backyard if you can get rid of the coastal browns first. (Agriculture WA advises using Amdro granular baits.)

## Ant identification

Brian Heterick at Curtin University (9266 3598) and the Social Ants Group at Agriculture WA (9368 3759) are happy to identify ant samples. Carefully place them between pieces of clear sticky tape (they can be posted this way). Agriculture WA gives advice on controlling pest ants and Brian can give advice on how to sample ant species in bushland using tiny jars as pitfall traps.

Also see:

Majer J and Heterick B (1999) 'Ants in your remnant' in *Western Wildlife: Newsletter of the Land for Wildlife Scheme*, January 1999, Vol 3, No 1, Conservation and Land Management, WA.

## JANUARY

Opportunities for you to participate!

11, 12, 15, 16 & 17 January

Catchments, Corridors and Coasts environmental education course suitable for teachers, educators, TAFE and university students, anyone interested. Cost \$150/\$125. Bookings Janette Huston 9574 6039, peakpot@vianet.net.au

15, 16 & 17 January 9am - 4pm

Apace free native seed collection course. Call 9336 1262.

20 Saturday 8am

Guided bush walk at Lake Gwelup on the third Saturday of the month. Meet at the Scout Hall, Huntriss Rd, Gwelup. Call Betty 9444 5640.

20 Saturday

Soils are alive workshop: study soil animals and micro-organisms in your garden and compost heap and their relationship with fertility. Cost \$95. Call UWA Extension 9380 2433, www.extension.uwa.edu.au.

20 Saturday 7am

Early morning bird walk at Herdsman Lake Wildlife Centre. Call 9387 6079.

20 Saturday to 21 Sunday

Creating a native garden course led by Bob Dixon (includes issues from propagation to garden maintenance). Cost \$148. Call UWA Extension 9380 2433 or www.extension.uwa.edu.au

21 Sunday 10am

Touch pool activity with the Friends of Marmion Marine Park. Meet on the beach at Mettams Pool, West Coast Drive, Waterman. Call Lynda 9342 8684.

27 Saturday 8am

Guided bush walk with the Friends of Star Swamp Bushland, fourth Saturday of every month. Meet at cnr Castle and Hope Sts, North Beach. Call Christine 9447 2983.

## FEBRUARY

2 Friday

WA Naturalists Club AGM, University Extension Lecture Theatre, Clifton St, Nedlands. Call 9228 2495, www.wanats.iinet.net.au.

5 Monday - 10 Saturday

UWA and WRC Ecological health and restoration of rivers and streams training course with Dr Luke Pen and others, aimed at agency staff, students and landcare coordinators. Lectures, field and laboratory work, culminating with writing a river restoration plan. Call 9278 0374.

12, 13 & 14 February 9am - 4pm

Apace free native seed collection course. Call 9336 1262.

15 Thursday & 16 Friday

Restoration ecology workshop, University of WA Centre for Land Rehabilitation and Kings Park, \$330. Grant Wells 9480 3640, Sandra Maynard 9380 3827.

16 Friday 7.30pm

Kwinana/Rockingham/Mandurah branch of the Naturalists' Club meeting and natural history talks on the third Friday of each month, Rockingham Environment Centre lecture theatre, Safety Bay Rd, Peron. Lots of activities planned, all welcome. Call Val Davies 9592 1064, Bob Goodale 9527 4289.

17 Saturday 7am

Early morning bird walk at Herdsman Lake Wildlife Centre. Call 9387 6079.

17 Saturday 2 - 5pm

Environmental Weeds Action Network (EWAN) AGM with guest speakers on 'weedy' topics, Agriculture WA theatre, South Perth. Call Diane and Gary 9457 7827.

17 Saturday 8am

Guided bush walk at Lake Gwelup on the third Saturday of the month. Meet at the Scout Hall, Huntriss Rd, Gwelup. Call Betty 9444 5640.

20 Tuesday - 22 Thursday

Australia: Walking the 21st Century, a second international walking conference with key note speakers from across the globe focusing on walking transport/lifestyle, health and recreation. Call John Seaton, Dept. of Transport, 9313 8680, www.transport.wa.gov.au/conferences/walking.

23 Friday

Closing date for Natural Heritage Trust (NHT) grant applications. Call Nicky Staveley 9325 0000.

## MARCH

2 Friday

Schools Clean-Up Australia Day. Call Maureen McDaniell on 9388 0033 (Perth metropolitan area) or 1800 024 890 (WA country).

3 Saturday to 5 Monday

Perth Naturalists' Club excursion to the Yunderup Field Station. Call 9228 2495, www.wanats.iinet.net.au.

4 Sunday

Clean-Up Australia Day. Call Maureen McDaniell on 9388 0033 (Perth metropolitan area) or 1800 024 890 (WA country) to register your site activity or participate.

9 Friday 7.30pm

W.A. Naturalists' Club meeting and talk on seaweeds, University Extension Lecture Theatre, Clifton St, Nedlands. Call 9228 2495, www.wanats.iinet.net.au.

10 Saturday

Gould League excursion to Milyu Nature Reserve, South Perth. Call 9387 6079.

14 Wednesday 7pm

Australian Association of Bush Regenerators (WA) AGM with discussion forum, Kings Park Administration Centre. Call Janice 9381 1479.

15 Thursday 7am

Friends of Shenton Bushland bush regeneration with Kate Brown (EWAN) and bush breakfast (at 8.30am). Meet at the Lemnos Street entrance to Shenton Bushland, opposite the Cat Haven. Call Janice 9381 1479, Dani 9381 347

16 Friday 7.30pm

Kwinana/Rockingham/Mandurah branch of the Naturalists' Club meeting and natural history talks on the third Friday of each month, Rockingham Environment Centre lecture theatre, Safety Bay Rd, Peron. Call Val Davies 9592 1064, Bob Goodale 9527 4289.

16 Friday 5pm & 17 Saturday 7am

Family sleep-over with reptiles theme at Herdsman Lake Wildlife Centre. Bird walk on Saturday morning at 7am. Call 9387 6079.

17 Saturday 8am

Guided bush walk at Lake Gwelup on the third Saturday of the month. Meet at the Scout Hall, Huntriss Rd, Gwelup. Call Betty 9444 5640.

18 Sunday

W.A. Naturalists' Club marine studies excursion to Point Peron. Call 9228 2495, www.wanats.iinet.net.au.

21 Wednesday-23 Friday

National Trust Conservation Covenanting Program Conservation on Private Land a national forum at the Alexander Library Perth. Community groups and landholders are encouraged to attend. Call Lesley Th 9321 6088.

24 Saturday and 25 Sunday 10am - 5pm

## ROCKINGHAM ENVIRONMENT FESTIVAL

Huge range of environmental displays and activities, local entertainment, Naragebup Rockingham Regional Environment Centre, Safety Bay Rd (opposite Lake Richmond), Shoalwater. Call Bob or Ann Goodale 9527 3077.

28 Wednesday

W.A. Naturalists' Club Seventy Memorial Lecture by Dr Don Bradshaw. Call 9228 2495, www.wanats.iinet.net.au.

30 Friday

Trailswest grant applications due. Call Ken Ashman 9387 9740. www.msr.wa.gov.au (follow Trailswest links)

## APRIL

Advance notice

5 Thursday - 10 Tuesday

Garden Week expo at the Lakeside Picnic Area, Kings Park. Huge range of displays including environmental information. Call Jill Bishop 9485 1144.

19 Thursday 9am

Friends of Shenton Bushland bush regeneration with Kate Brown (EWAN). Meet at the Lemnos Street entrance to Shenton Bushland, opposite the Cat Haven. Call Janice 9381 1479, Dani 9381 3470.

For up to date talks and events see:

Wildflower Society <http://www.ozemail.com.au/~wildflowers/> or call 93837979

WA Naturalists' Club [www.wanats.iinet.net.au](http://www.wanats.iinet.net.au), [wanats@iinet.net.au](mailto:wanats@iinet.net.au), or call 9228 2495.

## Some key events in 2001

### Reducing fertiliser run-off

A workshop on how to best manage large areas of turf to reduce fertiliser and water use is planned for March 2001. It will be hosted by the Belmont / Vic Park Catchment Group and Burswood Park Board. Local government parks and gardens staff, golf course managers and interested others will be encouraged to attend. For further information call Linda Taman, the newly appointment coordinator for the Belmont / Vic Park Catchment Group on 0403 323 323.

### Rockingham's 2001 festival

The Naragebup Rockingham Environment Centre's annual festival is on the weekend of 24 and 25 March. Environmental groups who would like to hold displays or activities during the festival are asked to register before 9 January. There is a small, nominal fee. Call Anne Goodale for more information on 9527 3077.

Entry is free, so come along and join in the atmosphere at the beautiful rammed earth Centre. There will be a great range of entertainment, activities such as nature walks, local crafts and solar cooking, and environmental plays.

### Fungimap conference

In June participants from all over Australia will gather in Denmark in the southwest to investigate, celebrate and digest fungi! Experts, community groups and others interested in fungi will be able to share information over several days. There will be a couple of days of talks and lots of fungi collecting and sorting. Organisers would like an indication of who might be attending. Discounts for low income and Fungimap volunteers are available. Call Katrina Syme on 9848 1293, Geoff Evans on 9848 1644 or Dorothy Redreau on 9848 1985 (email [pareau@omninet.net.au](mailto:pareau@omninet.net.au)) for more information.

### Bush regeneration professionals

by Janice Marshall

The Australian Association of Bush Regenerators (WA) Inc is planning a conference early in 2001 to examine all aspects of bush regeneration here in 'the West'. It is being co-sponsored by the Swan Catchment Centre, Ecoplan, Greening Australia (WA) and Green Skills.

A pre-conference paper is being prepared to compare bush regeneration in WA with what is happening in other states. For example, while volunteers in many parts of the eastern states, such as Sydney and Brisbane, can expect to be trained and supervised by qualified bush regenerators, this is generally not possible here because of the lack of professional training for bush regenerators. President of AABR in NSW, Peter Dixon, has been invited to speak on issues such as as volunteers, training, employment opportunities and award rates.

If you wish to be kept informed about this conference email your details to [saicc@wrc.wa.gov.au](mailto:saicc@wrc.wa.gov.au) or fax on 9221 4960 (make sure you mark it 'Attention: AABR

(WA)') or write to AABR(WA), PO Box 1498, Subiaco 6904.

### Youth explore landcare

A forum for young people aged between 16 and 19 years interested in landcare issues will be held in conjunction with this year's State Landcare Conference on 10 & 11 September at Fairbridge Farm, near Pinjarra. The forum will give young people the opportunity to explore landcare problems in an outdoor setting, develop leadership skills and meet others who care about the environment. Participants can be nominated from schools, TAFE, University, LDCs and other community groups. Application forms are available from January 2001. For further information contact Michael Burke on 9622 0200 or Janet McCredlin on 9531 1788.

For more information about the State Landcare conference Partnerships and Diversity, 11 to 14 September, in Mandurah call Keynote Conferences on 9382 3799 or email [keynote@ca.com.au](mailto:keynote@ca.com.au).

What's on  
Perth Metropolitan Region

## Bunbury Region

For Busselton Naturalists' Club activities confirm details by checking the *Busselton Margaret Times* or calling Bernie on 9727 2474 (h) or 9752 1949(w). Meetings are held at St Mary's Family Centre, cnr Albert St and Bussell Hwy. Visitors welcome. Excursion buses usually leave from Pries Ave.

Bunbury Naturalists' Club meetings and natural history talks are held every third Thursday of the month, 7.30pm at Agriculture WA, gate on North Boyanup Rd or Dodson Rd, Bunbury. Call Shirley 9795 7181 (9791 5915 from February), Gordon 9797 0673 or Olga 9726 3181. Visitors welcome.

### Leschenault Community Nursery.

Volunteers are needed to help out in the Nursery Monday to Thursday, 8am - noon. Call Shirley 9795 7181 (9791 5915 from February).

These events are forwarded for inclusion in the Swan Catchment Centre's monthly information sheet and Riverlink web site at [www.wrc.wa.gov.au/swanavon](http://www.wrc.wa.gov.au/swanavon).

Please send us your April, May, June 2001 events by 1 March.

# REGIONAL REPORTS

## Central Region

### South Perth bushlands

by John Feldman

As part of Weedbuster Week in October, local environment group members and City of South Perth employees combined to remove weeds from the Melaleuca Grove wetland in Sir James Mitchell Park on the South Perth foreshore. Some of the worst weeds tackled were couch grass and kikuyu grass which had invaded the wetland from the adjacent grassed park land. This wetland has been adopted and looked after by children from the local primary school. A highlight of the weeding day was a visit by Woody Weed (alias Sandy Lloyd) for a photo opportunity with the weeders.

Mount Henry Peninsula Conservation Group have been actively involved with rehabilitating three areas in the Aquinas College (Manning) bushland. As some of the areas involved were steeply sloping foreshore of the Canning River, this has involved installing staked jute matting on the bare areas, then replanting with native species and mulching of the soil surface. Following the success of the spray treatment of veldt grass in 1999, a grant from Alcoa through the Swan Catchment Urban Landcare Program was used to spray veldt grass this year which seems to have worked well.

Good control of watsonia has been achieved by spraying and hand removal, but Main Roads will have to be contacted to remove a patch of watsonia on their land, adjacent to the bushland, near the Mount Henry Bridge. Students and staff of Aquinas College have assisted with weed management and the group have set up permanent quadrats to monitor the effect of weed removal in the bushland. It has provided an opportunity for all ages to learn about the wide variety of plants on Mt Henry.

Andrew Thomson has been planting *Eucalyptus rudis* (flooded gum) seedlings from the Apace nursery at the Lake Gillon wetland in Karawara. He has also cooperated with the Council in collecting seed from eight local plant species (mostly trees) in remnant bushland areas in Manning. Andrew is working with the Council in establishing and maintaining 'weed free' non soil-disturbed firebreaks in remnant bushland areas of South Perth.

For further information call John on 9368 3739 (w), or 9450 5661 (after 6 pm).

## Rabbits, weeds, seeds and butterflies

by Norma Calcutt

The Friends of Bold Park Bushland are focusing their efforts on the Natural Heritage Trust 'Eastern Gateway' Project site. This 6.5ha site has seen a lot of activity.

The park manager, the Botanic Gardens and Parks Authority, has erected a rabbit-proof fence around the area. The fence will give protection to many plants that went into the ground last winter.

The Friends' bush care team met twice monthly for seven months and put in another huge effort removing *Pelargonium capitatum* and other nasty weeds. Greencorps assisted the Friends with site preparation in the lead up to revegetation and also took part in planting seedlings. The effort by Greencorps helped have the site ready in time for planting. A horse trail that crossed the area was closed and revegetated.

Our Ecoplan/ATCV/AlintaGas Bushland Care Day was a great success with 80 people enjoying the day and removing masses of pelargonium. Vegetation monitoring was also carried out.

The Friends started and ended their bush regeneration season in 2000 with a focus on pellitory, the plant that attracts the Australian Admiral Butterfly. Seed collected from the garden of well-known author and naturalist, Robert Powell, was broadcast on the 'Eastern Gateway' site in May. Fresh supplies were again collected in November from Robert's garden and will be introduced to the site in April.

The Friends are currently undertaking an Apace seed collection course with a focus on collecting seed from the 'Eastern Gateway' site.

For further information call Norma on 9384 4274.

## North West Region

### Drain innovation at Korella

by Marilyn Zakrevsky

The Friends of Korella Park Bushland (Mullaloo) received valuable support from Wooroloo Prison Farm workers to achieve the challenging task of enlarging a problem drain near Yulema Street and planting the surrounding area. We were proud to be involved in this innovative project with the Ministry of Justice. It was perfect

weather and the project was based on Linda Taman's advice. We anticipate the area becoming a home for many species in the future.

We acknowledge the support, once again, of our conservation officer and staff at the City of Joondalup for spraying and removing weeds, including exotic teatrees, after our Bushland Care Day. They also provided display boards for our photographic displays in the City's Council Chambers, administrative offices and libraries.

We are indebted to Ecoplan, ATCV and AlintaGas for Bushland Care Days, and the Ecoplan/SCC/GA(WA) seminar series. Thank you to Edith Cowan University students for their input into our brochure and overhead transparencies.

In 2001, we face the same challenges, in particular, another problem drain and a continuing blitz on the invasive Geraldton carnation weed (we are taking 'before' and 'after' photos) with vital assistance from our supporters and agencies.

For further information call Marilyn on 9401 7132.

## North East Region

### Friends stand up for Lightning Swamp

The Lightning Swamp Working Group Committee held their first meeting last July. A number of sub-committee meetings were held to input into reworking the original management plan. Many things followed.

A clean-up was held in the bushland along Della Road in September and the helpers included the mayor. Two big monster blue bins were filled. At the sausage sizzle after the hard work, it was decided to form an official Friends of Lightning Swamp group. The first Friends meeting was held in October and three spokespersons or steering committee members were nominated.

To help kick off the Friends group, the Council assisted in advertising a wildflower and information walk followed by a sausage sizzle on 15 October (also Weedbuster Week). It was a beautiful day, made all the more enjoyable by the wonderful Phylis Robertson.

Late last year, a Work for the Dole Team were removing weeds, collecting seeds and blocking some tracks to try and divert traffic. They did some great work and it

# REGIONAL REPORTS

helped to signal to the surrounding community that there is a new 'ownership' of care in the bushland. The team was coordinated and provided by the Bennett Brook Catchment Group.

For further information call Kim Grace on 9276 5454, John Williams on 9275 7338 or Tony Green on 9276 8359.

## Northern schools weed bust

A collaboration between the Friends of Koondoola Regional Bushland and the City of Wanneroo turned good ideas to support Weedbuster Week into reality in a short time and showed that a little positive thinking can go a long way.

A very successful pilot scheme for educating primary school children about weeds in bushland areas was tackled. One of the City's officers had recently worked with local schools planting in bushland. To our delight the schools were keen to tackle weedbusting also. They were sent information and an assortment of merchandise on weeds and Weedbuster Week.

Seven schools took up the challenge: Allinjarra, Montrose, Koondoola, Burbridge, Waddington, Quinns Rocks and Yancheop. About 40-60 students participated from each school.

Bushland areas were chosen within walking distance of the schools. School groups were split into four teams which targeted one or two weeds each. Coloured stickers

identified team members and coloured flags were meeting points for each team. Basic rules included 'keep to the tracks, 'try not to squash or pull up native plants' and 'don't pull it out if you don't know what it is'.

City of Wanneroo staff, Councillor Judy Hughes, Friends of Koondoola Regional Bushland, teachers and parents joined in. The students weeded for approximately 45 minutes and achieved a great deal! It wasn't quite best practice weeding, but the bush will hopefully forgive us considering the lessons learnt by about 350 students.

The teachers embraced the project wholeheartedly and the children had a ball. 'This is great fun' was a regular comment and there was a constant call to come and look at something interesting that had been found. ■

The City of Wanneroo made it happen. The Mayor, Jon Kelly, dedicated his weekly column in the *Wanneroo Times* to Weedbuster Week and the weeding



Quinns Rocks & Yancheop Primary Schools weeding in bushland.

activities. We are obtaining feedback from the schools so that the project will be even better next year.

For further information call Alice Stubber on 9306 3221.

## South East Region

### Ellis Brook Friends expand bush care

by Heather Bowler

For the past eight years, the Friends of Ellis Brook Valley have worked on weed control and revegetation in the main Ellis Brook Valley, with minimal work done on the jarrah/banksia woodland on Rushton Road. This woodland is made up of three lots which have been included in the Darling Range Regional Park. With bushland restoration in the Valley under control, the Friends decided it was time to put their resources into clearing the weed problem in these lots.

Greg Bremner, Parks Liaison Officer for the City of Gosnells, visited the site with us and a decision was made. The City's contractor sprayed large areas of weeds in the degraded sites under the supervision of the Friends. The Friends employed a contractor to work in the more sensitive areas on a dollar for dollar basis with the City of Gosnells, and continued the work they had started in small areas of pristine bushland.

The work was done within three weeks and the results are looking good. There was very little loss of native vegetation and many dead weeds. We hope to repeat this combination of attack on the weeds in the next three years, then we will be ready for revegetation.

During three days in November an ATCV team of 10 to 12 people undertook stem injection to control dieback in these same lots. With their help, we have now completed two of the priority actions from the Dieback Management Plan produced for us by the Dieback Working Group and almost completed a third. This project was funded by a SCULP grant and the Friends.

For further information call Heather on 9459 2045.

## Hills Region

### Resting before restoration

by Jenny Johnson, eastern hills groups

It is time to retreat into the shady spots and let the bush and the streams look after themselves until the cooler months of April and May. We need to recharge our batteries and lead other lives to avoid 'bush burnout'!

One of the highlights of the past season was the Water and Rivers/Swan Catchment Centre river restoration workshop held at the Darlington Winery in October. Great presenters and a really hands-on field day inspired the Jane Brook Catchment Group, under the leadership of landcare coordinator Linda Raynor, to plan some serious restoration activities in Hovea and Parkerville. Jane Brook will be used as a demonstration site so that the knowledge gained can be shared with as many land carers and stream carers as possible. It is hoped that anyone interested in this project will contact us. Nyaania Creek in Darlington/Boya was also chosen as a focus for the river workshop.

Restoration activities are on-going at Rocky Gully and Lion Mill in Mt Helena,



# REGIONAL REPORTS

Bugle Tree Creek in Mundaring and Parkerville, and Hovea Conservation Park in Hovea. Local residents, Catholic Education Council students from Curtin and Edith Cowan Universities and Midland TAFE students undertook weeding, planting and erosion control in weekends in September and October at Brookside Park, Parkerville.

There are lots of other projects underway. Parkerville Village South Group have received funds from SCULP to help discourage local residents removing soil from reserves. Talks are also being given to Parkerville Primary School to encourage the wise use of water at the school. Jane Brook Catchment Group joined in celebrating John Forrest National Park's centenary. They provided a display of achievements at the *Walk Through The Park* event in November.

Management plans for reserves in the Mundaring Shire are being prepared by Loretta Bean, the ecologist from Eastern Metropolitan Regional Council (EMRC), with input from all stakeholders. This will greatly assist 'friends' groups as often they lack the time or the expertise to formulate these plans.

Hovea Bush Regenerators have taken delivery of a fully equipped trailer complete with tools to assist with volunteers work days. It was funded by the Gordon Reid Foundation for Conservation.

Sit back everyone, enjoy the break and look forward to 2001.

For further information call Jenny on 9295 4467.

## Bunbury Region

### Saving Bunbury's Tuarts

by Bernhard Bischoff

It was a combination of historical factors, strong environmental arguments, great individual efforts, a very strong public campaign and not least a bit of luck that led to our surprise win in the fight to save 55 ha of Tuart Forest and Woodland.

The Tuart forest like several other areas of remnant vegetation in Bunbury should have been included in the System 6 recommendations. Instead it was zoned residential, two decades in advance of being required. Once zoned residential it is too expensive to be acquired, nor could it apparently be made subject to a public environmental review.

This is not an isolated remnant, but part of the vegetation link from the ocean to the Preston River.

The original subdivision plans would have virtually cut the vegetation link between the ocean and the Bussell highway in two and weakened the ecological sustainability of the whole corridor. Luckily we were alerted to these plans by the advertisement of Amendment 179 in August 1998 by which Homeswest sought to increase the residential density in the Shearwater subdivision. When we raised the issue with the local member, we found that the campaign to sell the Shearwater blocks was ready to start with colour brochures and all.

A petition to the Government was launched and resulted in 5000 signatures - a considerable number from a City with less than 30 000 inhabitants. The Premier announced the establishment of a regional park in March 2000 with Homeswest conceding 20 ha of Tuart forest ear-marked for development.

The revised subdivision plans included a number of 'ranch blocks' intended to appeal because it would protect more trees. It did however undermine the argument that the subdivision was needed to provide housing for the needy.

There still had not been a comprehensive vegetation survey and the campaign relied on an encouraging but general assessment done by a consultant in 1992 and a limited survey by the Wildflower Society in 1995. A very valuable contribution came from Bronwen and Greg Keighery who spent their 1998 Christmas holiday assessing the vegetation.

Some other factors that increased the significance of the intact Tuart forest included:

- the dead and dying Tuart trees along a 10 km stretch of the Bunbury Highway which were a constant and stark reminder of the vulnerability of the species; and
- the almost total lack of species rich understorey in the Ludlow Tuart Forest National Park.

Several South West Environment Centre clean up days proved that the community was serious about holding on to the Tuart forest and the energy and imagination of the many individuals with different expertise who helped with the campaign.

We in Bunbury would like to take this opportunity to express our gratitude to all

the supporters who helped save the Bunbury Tuart Forest.

Ecoplan News Summer 2000-2001: Regional Reports [please add this as a separate section, ie perhaps a different colour at the end of the Regional Reports]

## Albany Bushcarers

The Albany Bushcarers Group, made up of community groups, government and the City of Albany representatives, was formed in early 2000. Melanie Price and Jane Davies convened the first meeting and a facilitator was provided by Agriculture WA. Councillor Len Armstrong provided a council perspective.

The 34 participants discussed the purpose of the group and identified areas for priority action. Councillor Len Armstrong recommended that the group form an advisory committee that would report to Council and ensure that the recommendations made by the Group would go straight to Council and be given priority.

This caused much debate as the group had a majority of community members and an advisory committee has limited numbers: just two community representatives, three from government departments and two from the City. To ensure that the group did not lose its voice, it was decided that the advisory committee's charter would be to take the deliberations of the Bushcarers Group to Council.

Council has agreed to allow bushland groups free disposal of green waste at the tips. A dedicated trailer and a vehicle has been made available. Council already supports monthly busy bees at Lake Seppings.

Projects the Bushcarers are working on include a master trails project for Mount Adelaide and Mount Clarence, the recognition of Albany as the Botanic City, naming and signage for bushland reserves (perhaps fifty or more), badges for all volunteers and encouraging local native plants in Council projects and local nurseries.

The Group is now incorporated and had their first Annual General Meeting in December. Membership of the Bushcarers Group is open so that community groups can come and go as their needs dictate.

For further information call Jane Davies at the City of Albany on 9841 9224.

# Group Profile: Canning River Residents Environment Protection Association Inc. (CRREPA)



CRREPA members enjoy a Bushland Care Day at Rossmoyne foreshore.

## Caring for the Canning

CRREPA formed in 1994 out of concerns that the City of Canning's proposal for a board walk and bird hide at the Yagan Wetland Reserve might encourage weed invasion and other disturbances. With the rapid growth of suburbs this refuge was becoming increasingly special. The group's draft management plan for the Reserve was taken up by Council, CRREPA members were appointed as part of an advisory committee and the plan was finalised in 1996.

In the last few years, CRREPA has extended its interest to other areas of the Rossmoyne and Shelley foreshore along the Canning River and Bull Creek. Members have become involved in water testing, weeding, rubbish collection, growing local plants, planting and managing several grants. The group has assisted the Council with rehabilitation work funded through the Yagan Management Plan budget involving Green Corp, ATCV and Work for the Dole teams.

In 2001, the group will embark on a Swan Canning Urban Landcare Program (SCULP) funded joint project with the Council and Swan River Trust (SRT) to put in a mulch buffer strip between the native sedges and grassed areas of the foreshore. Hopefully this will stop the constant encroachment of the grasses into the sedges.

Member, Max Risby, has been working with school and cub groups to grow and plant sedges from seed collected at the foreshore. He also grows thousands of sedges and trees in his backyard.

## Group shoulders support

CRREPA's founding chairperson and driving force, Margot Ross, sadly passed away in 1998. Margot was an ex-Councillor who was instrumental in creating a good working relationship between the Council, SRT and local community members. The group took a break after their loss and then re-established to continue the great work initiated by Margot.

There are now eight dedicated committee members, about 20 active members and 250 supporter members who receive the newsletter.

"I couldn't do this without the rest of the members: they are a great support," said president, Diane Matthews.

"The committee helps toss around ideas and share tasks. It is a matter of looking after ourselves and our health as well and not trying to do too much individually."

"We also realise the benefits of enjoying each other's company and have occasional social foreshore picnics."

"We're proud of the work we do. I believe 'friends' groups like CRREPA are a growing force for change."

They are increasingly asked to comment on reports and proposals and email has greatly helped group communication. CRREPA sponsored two members to attend bush regeneration courses and two to attend a river restoration course. Diane and her husband Gary are also actively involved in the Friends of Ken Hurst Park, the Wildflower Society and the

Environmental Weeds Action Network (EWAN).

Seeding local awareness

CRREPA want to see a sustainable future for the Yagan Reserve, river, foreshores and catchment. A critical part of this is to encourage a sense of local understanding and stewardship. A key problem is that vegetation around the river is often vandalised to protect what residents think are views they 'own' rather than part of the community's asset.

CRREPA focus on having a visible presence and finding opportunities for information sharing with locals on problems like weeds, erosion, water quality and ageing vegetation. Successful river walks and talks will continue in 2001.

A highlight in 2000 was the Ecoplan/ATCV/AlintaGas Bushland Care Day where over 60 volunteers of all ages, including cubs, venturers, primary and high school children, the local Mayor and some Councillors, planted more than 6000 sedges. A display tent with information from CRREPA and others was a popular feature.

## Future dreaming

A future dream is to be given an investment fund that would allow the group to employ project coordinators and contractors now and again to support their voluntary work. (You never know!)

"We and many of the local community regularly go and sit on the peaceful viewing platform at Yagan Reserve, dedicated to Margot, and watch the egrets and other birds," Diane said.

"This is what keeps us going and it's a fitting memorial to Margot and what she did for the community."

## Contacts

Diane and Gary Matthews 9457 2896.



# Resources

## Environmental Education contacts

A colourful poster with WA environmental education contacts has been produced by the Australian Association for Environmental Education (WA) and the Water and Rivers Commission. Free copies have been distributed to WA schools and are available from Kath Broderick on 9278 0300.

## Recruiting volunteers

A new book *Count Me In!: 501 Ideas on Recruiting Volunteers* will be released in January 2001 by Curtin University lecturer, Judy Esmond. It will cost \$25. Contact Judy on 9361 9339, 0407 191 565 or [mtjdjudy@iinet.net.au](mailto:mtjdjudy@iinet.net.au) for further information. Judy is planning to run workshops on the topic. EcoPlan has not yet seen the book but has ordered a copy for their library.

## Guide to WA Flora

Almost twelve thousand vascular plant taxa are included in *The Western Australian Flora: A Description Catalogue* by Grazyna Paczkowska and Alex Chapman, published by the Wildflower Society of WA and WA Herbarium, CALM and the Botanic Gardens and Parks Authority. Key features of every native and naturalised alien plant known to occur in WA are described, including subspecies and varieties and some new entities scientifically

recognised but not formally described, as recorded by the Herbarium in January 2000. It costs \$69 for a hardback copy and \$49 for a soft copy (or \$39 for members of the Wildflower Society, Friends of Kings Park or CALM volunteers). Add \$9 for postage and packing and post to Wildflower Society, PO Box 64, Nedlands 6009. Call 9383 7979, or take a look at [www.florabase.calm.wa.gov.au/catalogue.html](http://www.florabase.calm.wa.gov.au/catalogue.html) for further information.

## Revegetation Newsletter

Agriculture WA (Farm Forestry and Revegetation Project) have produced a new free newsletter which has stories, projects, news and tips on revegetation. To join the mailing list call Ben Toric or Steve Lloyd on 9881 0222 (Narrogin) or email [btoric@agric.wa.gov.au](mailto:btoric@agric.wa.gov.au) or [sjlloyd@agric.wa.gov.au](mailto:sjlloyd@agric.wa.gov.au)

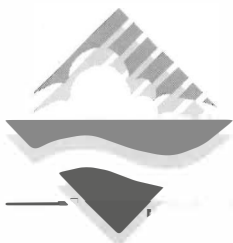
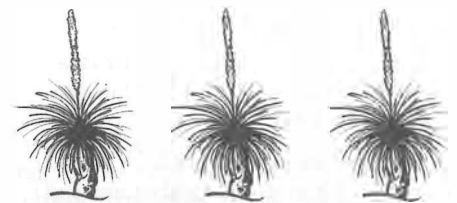
## Banksia Foundation awards

The National Banksia Environmental Awards 2001 have been grouped into four distinct themes and 12 categories. Under the leadership theme the categories are Individual, Community Group, Corporate Responsibility and Leadership, Government/Non-Profit Leading By Example, and Small Business Responsibility and Leadership. Ecosystem protection initiatives are recognised in the Bush, Land and Waterways, and Coastal and Marine categories. The third theme is sustainable design and practice with

categories of Buildings, Infrastructure and Services, and Manufactured Products, and the fourth theme is related to skills and knowledge in communications and investing in our future: Socially Responsible Investment, and Promoting Change Through Informed Participation. Entries close 30 March. For details call 03 9419 7188, email [densie@banksia-foundation.asn.au](mailto:densie@banksia-foundation.asn.au) or take a look at [www.banksia-foundation.asn.au](http://www.banksia-foundation.asn.au)

## Sustainable Regional Development

*Sustainable Regional Development Kit: A resource for improving the community, economy and environment of your region* by John Dore, Colma Keating, Jim Woodhill and Kate Ellis published by Greening Australia includes a spiral bound book and CD-Rom. It is easy to read and contains many tips and strategies, and summaries resource materials and theories on Sustainable Regional Development. Free copies are available from Greening Australia on 02 6281 8585 or [publications@greeningaustralia.org.au](mailto:publications@greeningaustralia.org.au). Feedback is gratefully appreciated.



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