



ISSUE 7

Growing with leaps and bounds

The Yellagonga Community Nursery was officially opened by Wanneroo MLA Wayde Smith last month at a ceremony attended by local dignitaries, community members and community group representatives.

The project was made possible by a Landcorp donation to the Landcare and Environmental Action programme (LEAP) being run by the Friends of Yellagonga regional park.

The project was known as the Yellagonga Bush and Wetland Regeneration Project.

The project management committee drew representatives from Friends of Yellagonga, Department of Employment, Vocational Education and Training (DEVET), Joondalup Joblink/Skillshare, TAFE, the Department of Planning and Urban Development (DPUD), Joondalup CES (Commonwealth Employment Service) and the Kingsley-Woodvale Community Recreation Association.

Project staff — Ray Tauss, Kate Tauss and Philippa D'Arcy — were from the Friends of Yellagonga.

A graduation ceremony for trainees followed the opening of the nursery. City of Wanneroo Mayor Graeme Major presented the 11 graduates with their certificates. Two graduates, Lucy Bennett and Tania Stidwell, spoke about what the project had meant to them and the group generally.

They said it was instrumental in giving them a broad range of skills and increasing their self-esteem.

Building the nursery was an added bonus during a training project that enabled the trainees to gain experience in skills in eliminating introduced plants, harvesting seed, propagating and planting out seedlings and making paths.

A highlight of the day was the presentation of framed artwork to Tony Morgan, Landcorp's director of regional centres. The artwork was produced by the trainees.

It was presented by Crystal Vaughan and Kristin Allen on behalf of the graduates in appreciation of Landcorp's valuable contributions to the project.



Yellagonga Bush and Wetland Regeneration Project (LEAP) graduates and staff. From left — Philippa D'Arcy (supervisor), Crystal Vaughan, Peter Donaldson, Neil Streatfield, Lucy Bennett, Kristin Allen, Valli Holl, Tania Sidwell, Kate Tauss (co-ordinator/supervisor) and Arthur Orford.

Vandals spoil Mary Carroll Park rehabilitation

Ecoplan volunteers at Mary Carroll Park were saddened by the destruction of their rehabilitation efforts earlier this year.

The group had carefully planted many reeds and rushes to stabilise the edge of the lake only to find that about 80 plants had been ripped out of the water by vandals.

Replanting of the destroyed plants occurred and to the dismay of all involved the process was repeated with whole sections of plantings destroyed.

All was not lost, however — the vandals were caught in the act.

While working in the park, volunteers could see the destruction in progress.

A heron was wading among the freshly planted reeds and pulling them up.

Fresh tender shoots, easy to remove, all in one spot.

Mary Carroll Park co-ordinator Jenny Bradford said that they would plant new reeds in larger clumps and hopefully this would make the interlopers work harder and eat less.



Ecoplan update

— with Jillian Harris, acting EPA community involvement co-ordinator

The past month has been an interesting and stimulating time for me, as I try to pick up all the threads where Margo O'Byrne left off.

Margo, for those who haven't heard, is off on a well-earned three-month break.

Margo and I spent considerable time together before she left, going through list after list of contacts and things currently on the boil....there is so much happening.

There are so many wonderful people involved and working so hard on their patch.

From the co-ordinator's chair, where I have been sitting (in between visits to reserves, meetings, etc.) you get a great feeling of action and change.

It feels like viewing a jig-saw with lots of people putting pieces in place.

The over-all picture is inspirational.

I have had a chance to get out and about to some of the Ecoplan areas, but unfortunately not all at this stage.

Ellis Brook Valley is full of orchids.

The bush is regenerating well after the fire — a lesson in resilience for us all.

The Landcare and Environmental Action Programme (LEAP) is underway and working hard in the valley.

Speaking of LEAP, Friends of Yellagonga recently held a graduation ceremony for their LEAP participants.

It coincided with the opening of the community nursery (see page 1 article).

There is also a LEAP group, sponsored by Workpower, working with Linda Taman at Garratt Road Bridge.

The group has only recently begun, but is enthusiastic and working hard.

The Federal Government recently announced another round of LEAP grants, so if your group has any possible projects, start working on submissions.

There have been a few other grants around lately.

The Department of Primary Industries and Energy announced City Landcare grants at the end of August, with applications due by 1 October 1993.

The Department of Education, Employment and Training also was calling for applications under their Youth Grants Action Strategy programme.

The requirements for these grants were very specific and the time line for submissions extremely tight.

Generally grants are advertised in Saturday's paper.

It is worthwhile scanning the paper to see if anything comes up, as the dates for submissions are often very tight.

Generally, it is necessary to have a good idea of exactly what you want to do before the grants are advertised, so you can get your applications in on time.

So, when you come up with wonderful ideas for things you could do if only you had the money, don't discount them, sketch out some ideas and put them on the back-burner until the opportune time.

Margo will be back before the next newsletter comes out and just before the end of year function, which is planned for Friday, 3 December 1993.

Tentative plans are for an evening in the

bush at CALM's The Hills Forest at Mundaring.

After dark bush walks and Aboriginal myths and legends should make an enjoyable evening.

Watch the post for your invitation.

Hill-bound

Thirty-five new recruits attended Ecoplan training in the Eastern Hills area in July and August in training sessions at the Wildflower Society's hall in Glen Forrest.

A wide range of speakers addressed the group on various aspects of urban bushland, bush regeneration and management and community involvement.

Highlights of the training included trips to the Hudman Road reserve and Parkerville Primary School.

At Parkerville, people gained a first-hand view of the work being done by the school children managing their local reserve (M22).

The Hudman Road reserve is part of System 6 recommendation M34 and has many interesting features.

It forms an important corridor between John Forrest National Park to the north and Gooseberry Hill National Park to the south.

The Boya Quarry, where the epic Indian play *Mahabharata* was performed in 1988 also is in the reserve.

Although some areas of the reserve are degraded and weed infested, particularly near the old quarries and former railway alignment, there is some good bush on the elevated slopes.

Since the training, some people have continued to visit the Hudman Road reserve, with a view to managing the area.

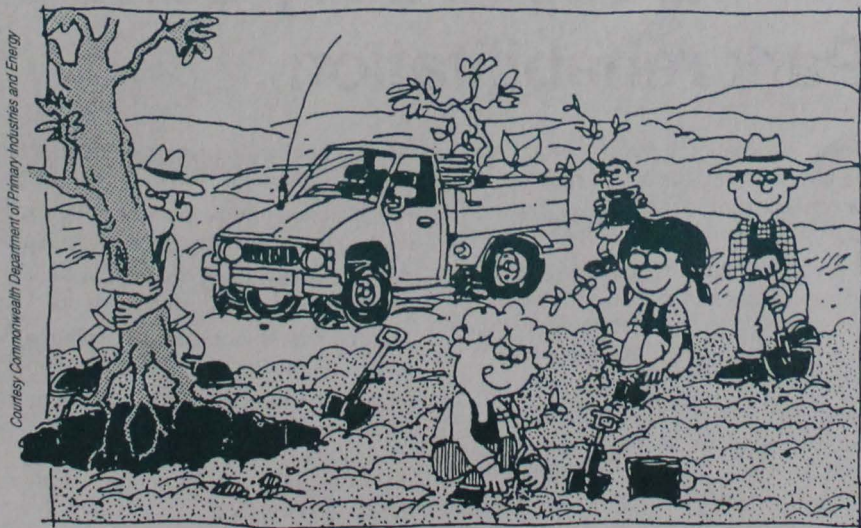
As one participant said, it is an accessible and not-too-awesome reserve for community management.

Weeding, watsonia spraying and mapping have already begun.

There are plans for flora walks, seed collecting and conducting a user survey.

The group wants to get better established and organised.

A meeting for everyone interested is set for Saturday, 23 October at the Wildflower Society hall from 10am until noon. For more details contact Jillian Harris at the EPA on 222 7054.



Courtesy Commonwealth Department of Primary Industries and Energy

An active group develops commitments

System 6 implementation

Work proceeds with the implementation of System 6 recommendations with the System 6 Working Group meeting regularly to discuss issues and progress.

A group of technical experts is meeting with the intent of sorting out how to achieve an effective protective buffer around Ellen Brook and Twin Swamps Nature Reserves (M17).

The aim is to protect the Western Swamp Tortoise and its habitat, and the rare flora and plant communities in the area.

The buffer group has representatives from the Environmental Protection Authority, Department of Conservation and Land Management, Shire of Swan, Department of Minerals and Energy and the Department of Planning and Urban Development.

Western Swamp Tortoises became extinct in the Twin Swamps in the early 1980s but are still found in Ellen Brook.

CALM wants to re-introduce them to Twin Swamps in the next couple of years, but will only be able to do so if adequate protection is assured.

The most important issues to be addressed include predation from feral and domestic animals, fire, changes in hydrology and changes in water quality from competing land uses.

These will be exacerbated as development pressure increases in the area.

Work already has begun on a management plan for the Garratt Road wetlands (M51).

Kathy Meney has been contracted to write the plan, including looking at revegetation.

On the other side of the river (which is also M51), DPUD and Shire of Belmont are preparing an improvement plan for the peninsula, including the System 6 area.

Work should soon begin on a management plan for the Swan River Backwater, South Guildford (M44) with funding recently made available by DPUD.

In the Peppermint Grove/Nedlands/Mosman Park area there are four System 6 areas on which discussions are proceeding between the EPA and local authorities to begin management plans.

The areas are M46 (Swanbourne Beach and Rifle Range), M54 (Foreshore Reserve, Peppermint Grove), M56 (Foreshore Reserves, Mosman Park) and M57 (Minim Cove Foreshore, Mosman Park).

Some Commonwealth land may be included in a management plan for M46.

Discussions also are proceeding with the WA Water Authority to develop a generic management plan for the hills reserves.

It would include M77 (Reserve C22865, Kalamunda and Reserve C20641, Bickley), M78 (Reserve C10601, Carmel), M79 (Reserve C21172, Canning Mills) and M82 (Reserve C5704).

WAWA is also considering a management plan for Buckland Hill (M55).

WAWA has stabilised the northern and eastern slopes around the reservoir for community safety and is now revegetating the area with local indigenous species.

Planning assistance underway

The EPA recently recruited a biology/environmental science graduate to work on a System 6 project with local authorities.

Paddy Strano is working under the EPA's voluntary work experience programme for three months.

He will be talking to local authorities who have prepared management plans for System 6 areas to find out about any problems they had during preparation and implementation, how those problems were overcome, resourcing and community involvement.

Paddy will put this information together in a package to be made available to other local authorities and community groups to help with management plans.

Another valuable publication on community involvement in management plans is Brett Tizard's book, *Reality, dreams and pathways*.

The book was launched on 17 July and contains a wealth of information for community groups looking at preparing management plans for their local area.

Copies are available from the Community Involvement Co-ordinator at the EPA, phone 222 7054.

Ecoplan contacts

□ Contact numbers:

Ecoplan community involvement co-ordinator
Jillian Harris ☎ 222 7054
(until the end of November)

Conservation Council of WA
Urban Bushland co-ordinator
Joan Payne ☎ 397 6380
WA Conservation Council
79 Stirling Street
PERTH ☎ 220 0652

Environment Centre of WA
587 Wellington Street
PERTH ☎ 321 5942

Greening Western Australia
1118 Hay Street
WEST PERTH ☎ 481 2144
Education Manager, Annie Ilett

APACE
1 Joanna Street
NORTH FREMANTLE ☎ 336 1262

Volunteer Centre of WA
79 Stirling Street
PERTH ☎ 220 0676

Community Skills Training Centre
227 Stubbs Terrace
SHENTON PARK 6008

□ Ecoplan community contacts:

South-East Region

Brett Tizard ☎ 497 3469

Central-South Region

Carina Calzoni ☎ 339 6205

North-West Region

Fay Mumme ☎ 401 2678

Central Region

Linda Taman ☎ 370 1213 (w)

Eastern Hills Region

Robert Watkinson-Slough ☎ 527 1489

Regional reports

North West Region

Friends of Yellagonga Regional Park

The highlight of the past few months for the Friends of Yellagonga Regional Park was the official opening of the community nursery and graduation of LEAP participants on the 13 August.

Community groups are invited to use the nursery as space permits.

Participation by community members in helping the Friends of Yellagonga Regional Park run the nursery is also welcome.

Enquiries can be made to Kate Tauss on 309 5241 or Fay Mumme on 401 2678.

Friends of Yellagonga soon will be carrying out another youth training project.

Funding has been approved by DEVET (Department of Employment, Vocational Education and Training) for a short programme to train 10 youths to make park benches, to be installed in Yellagonga.

The Joondalup Community Foundation is the sponsor group.

The next big event will be the Perry's Paddock Picnic Day, to be held on 24 October.

The day is designed to enable residents to remember or become acquainted with the past, especially the Perry's Paddock picnic race days of the 1920s.

People will be encouraged to dress appropriately for the time.

Public transport is available — take the train (Joondalup line) to Edgewater station, then catch a bus.

The Friends group will mount a display on the day.

If you want to help or have any ideas contact Fay Mumme on 401 2678.

Another big event looming on the horizon is the launch of Central Park, Joondalup. This will be held on 31 October.

The Friends group has been invited to conduct guided walks to Lake Joondalup and to organise some children's activities using bush materials.

Quinns Rock Environmental Research Group

Bushland discovery

Free community workshops are being offered by the Quinns Rocks Environmental Group.

The Discover Your Local Bushland workshops aim to inform local people of the nature and value of bushland and

how they can participate in caring for it. Perth's experts on local vegetation, growing local plants and bush regeneration will help us discover our bushland heritage.

Educator and conservationist Robert Powell spoke on local plants and local bushland at a workshop on 1 August.

He explained how the patterns of vegetation on the Swan Coastal Plain reflect the underlying soils.

He said that around Perth we had a rich and varied flora.

We could retain some of this by growing some local plants in our gardens and through better planning of bushland reserves.

On 5 September Greg Reid of APACE spoke on growing local plants.

He covered techniques for vegetative propagation and growing from seed to raise local species.

The next workshop will be held on Sunday, 10 October.

Central Region

Bayswater Greenwork moved into new headquarters last month.

The house, at 103 Stone Street Bayswater, is ideally located, with the backyard joining the wetlands.

It is already a hive of activity, with LEAP and Workpower participants, Bayswater Greenwork and the Urban Bushland Council all using it as a base.

Work has started on the front garden, with a marron pond under construction and a few trees and shrubs planted.

Eventually native gardens will be established.

The house is owned by the Department of Planning and Urban Development, which has leased it to Bayswater Council on the proviso that the council leases it to Bayswater Greenwork.

Another Landcare and Environmental Action Programme (LEAP) has begun in the Bayswater area.

Workpower, an organisation that works with disabled people, is the sponsoring group.

They have seven LEAP participants working with six disabled people from Workpower.

The Workpower group's main project is a wetland plant nursery.

David Kaesehagen will talk about bush regeneration and provide practical advice on regenerating local bushland.

'How to save local bushland' will conclude the series on Sunday, 7 November, when David Wake speaks on the need for community action to protect bushland.

The workshops are held at the Quinns Rocks Primary School, Rees Drive, Quinns Rocks, starting at 1pm.

The Discover Your Local Bushland series is part of the Quinns Rocks Environmental Group's focus on bushland conservation.

It provides an opportunity to foster awareness and involvement in protecting local bushland.

Funding was provided by the State Government through the Social Advantage initiative.

For more information please phone David Wake on 305 1591 or Jess Cockman on 305 1581.

Linda Taman is co-ordinating the seven participants, who started their project in August.

The LEAP participants are also working on regenerating an area of the reserve which is thick with lantana and almost every other weed imaginable.

Just when they cleared all the lantana from one area, the watsonia came up!

But Linda says the LEAP workers aren't daunted by it — rather they seem to be thriving on the challenge.

The other news from the Bayswater group is that it has received approval for funding under the National Landcare Programme.

The group has been promised \$17,120 for the restoration of Swan River foreshore at Garratt Road Bridge.

Bayswater Greenwork is organising a basic plant ecology course on 17 October from 10am until 4pm.

The course will be taught by consultant botanist and Wildflower Society (Perth Branch) member Bronwen Keighery.

The day will be divided between field work and theory, with the emphasis on how to determine what is in your piece of bushland.

It is being sponsored by Ecoplan and anyone can attend, however places are limited and must be booked

For more information phone Linda Taman on 370 1213.

South East Region

Armadale Settlers' Common Field Study Centre

The Armadale Settlers' Common Field Study Centre opened for business of Sunday, 26 September.

The newly-built centre includes displays of the jarrah forest, its flora and fauna and information on the management issues facing urban bushland.

The centre is available to schools and other community groups as an education centre.

Visitors to the common are welcome to wander into the centre on weekends and holidays.

Entry is free. The centre will be open on weekends from 10am to 4pm.

Wungong Valley

The City of Armadale is beginning moves to get vesting of the Wungong Gorge and Valley, part of System 6 Red Book recommendation M80 — Darling Range.

The gorge has some spectacular scenery and has been protected from significant damage by its steep slopes and granite outcrops, which made it unsuitable for grazing.

The valley above the gorge was home to an old orchard and homestead.

Central-South Region

Friends of Woodman Point

Anyone interested in forming a 'Friends of Woodman Point' group is invited to an initial meeting on Saturday, 6 November at 3pm at the Woodman Point Recreation Camp.

Woodman Point is 10km south of Fremantle.

It covers 80ha and was founded by Thomas Peel in 1829.

The site was used as a quarantine station and an explosive reserve keeping human disturbance of the area to a minimum.

The significance of the area is that it is one of the largest undisturbed bushland reserves, close to Perth, that has managed to avoid repeated fires.

Woodman Point has a diverse range of plant communities including tuart woodlands, heath and scrub, a cyprus belt (Rottnest Island Pine) and coastal vegetation.

There is some weed infestation in the reserve with bridal creeper (*Myrsiphyllum asparagoides*) being dominant in places. Pelargonium and onion weed are also present.

The meeting is to form a friends' group and inform people of current

This area links with the Wungong Dam and has an important recreational role.

The Wungong Valley links with Bungendore Park and the current moves will help implement the Red Book recommendations.

People can explore the beauty of Wungong Gorge on Sunday, 24 October, when the Armadale Recreation and Earth Discovery Scheme (AREDS) holds *Walk the Wungong*.

Take your family and friends, leave your car at the lower Wungong Dam car park, register your name, receive a badge and ride the bus to the South West Highway walk starting area.

The bus service, which runs from 10.30am to 2pm, will also collect walkers from the City of Armadale Administration Centre, Orchard Avenue at 10am and return them to the centre at about 1pm.

For more information contact AREDS Co-ordinator Leanne Wakenshaw on 399 0111.

Brixton Street has friends

A new group—Friends of Brixton Street—has been formed.

The group has big plans for management, regeneration and

management of the area.

If you would like to be part of the group or have an interest or knowledge of the area, please contact Ben Carr on 335 4635 (home), 339 2300 (work) or Carina Calzoni on 339 6205 (home), 321 5942 (work).

The Wetlands Conservation Society

The Wetlands Conservation Society has recently moved, along with the Friends of Bibra Lake and the Scouts into the 'Wetlands Education Centre' on Hope

protection of the Brixton Street area.

Group co-ordinator Regina Drummond said the friends group was planning to hold guided walks through the area during spring.

She said three species of declared rare flora at Brixton Street, including the stalked water ribbon *Aponogeton hexatepaluf*, could be seen in the clay pans.

Anyone interested in joining one of the walks or finding out more about the group should contact Regina on 459 2964.

North East Region

South Guildford Backwater

Earlier this year, some trees were planted in the South Guildford Backwater (M44) area.

On Sunday 7 November at 10.30am a get together will be held to encourage people to revisit the area to see what's happening and to discuss where to go from here.

Bring a picnic lunch and meet at the corner of Wilkie Street and Kidman Avenue, South Guildford.

For more details contact Grant MacKinnon on 224 9800.

Road, Bibra Lake.

The building, owned by the City of Cockburn and managed by the Society, is available for hire.

The official opening in November will be organised by the City of Cockburn.

The Wetlands Conservation Society's general meeting will be held in the Centre on 20 October at 8pm.

Dr Jenny Davis will be speaking about Bibra Lake at the meeting.

Anyone interested is welcome to come.

Ecoplan and other training courses

Ecoplan training will be held in the Central-South region in November.

The sessions will be from 10am to 1pm on Saturdays, the dates being 7, 13, 27 and 30 November.

They will be held at the Cockburn Wetlands Education Centre at Bibra lake.

A wide range of speakers will present information to participants in what promises to be an informative and interesting series.

Ecoplan is also intending to run some more training courses, other than those mentioned.

Suggestions include: *An Introduction to Budgeting/Managing Finances*; *Communicating and Working in Groups*; and *Making the Most of the Media*.

If you would be interested in attending any of these, or have further suggestions, contact Jillian Harris at the EPA on 222 7054.

Letters

Letters are welcome on urban conservation, in particular news of volunteer activities and shared experiences. Please keep letters short and address them to —
The Editor, *Ecoplan News*, C/- Westralia Square, 141 St George's Terrace, Perth WA 6000.
Fax 322 1598. Letters may be edited for legal reasons, space or clarity.

EPA rejects formal assessment of proposed zoning changes

Dear Editor

It is of concern to many conservationists that the EPA has refused to formally assess the zoning changes contained within the Foothills and South East Corridor (Canning Vale—Southern River) Major Amendments to the Metropolitan Region Scheme.

We agree that the EPA must always have the right to assess individual proposals affecting the natural environment.

However, when this occurs *after* rezoning the EPA is unlikely to recommend against the proposal due to heightened expectations of the owners to be able to proceed with a development as defined by the zoning.

Repeatedly over the past few years the EPA has approved developments despite their highly damaging impacts, because the proponent has argued that he/she has an expectation of making a profit by developing the land.

A recent example is the internationally significant Creery wetlands, which the EPA recommended for approval for a canal development.

What has happened is the EPA is recommending approval for almost all individual proposals, but putting on conditions to mitigate against some of the impacts.

This approach by the agency responsible for environmental protection in the State is leaving Western Australia with an increasing environmental debt, particularly the loss of rich plant and animal communities.

The latest example is where the EPA approved a subdivision called Mt John Wood, near Lake Clifton, subject to certain conditions designed to protect the

internationally significant stromatolites.

Only a few months after setting the conditions the EPA have waived conditions considered to be critical for protecting the stromatolites, allowing no public input.

The proposed Southern River zoning changes will affect a speckled duck breeding site wetland, as well as other pristine wetlands with bandicoot colonies.

Now that most of Canning Vale has been developed for industry and housing, the Southern River area offers the last opportunity to preserve the unique plant and animal characteristics found in this region.

The Major Amendment for the Southern River area which seeks to change the

current rural zoning to urban is open for public comment now.

Although environmental values are not given particular consideration by the State Planning Commission, because the EPA will not assess this document, it may be the only change the public have to put their views.

The Conservation Council of WA will provide specific information on all zoning changes and Major Amendments to allow public comment to the State Planning Commission. Please ring 220 0652 for assistance.

Joan Payne

Urban Bushland Co-ordinator

Conservation Council of WA

6 September 1993

Bushland destruction goes on

Dear Editor

The bushland at Quinns Rocks is rapidly disappearing as the urban sprawl consumes the natural landscape.

The wholesale destruction of bushland is unnecessary but it goes on none-the-less.

A war is being waged against the environment and faced with bulldozers and scrapers, the greed of developers and the complicity of government we are losing our bushland heritage.

At Mindarie occurs a stand of the declared rare flora Yanchep Mallee.

The surrounding vegetation has been cleared, the land cut and changed.

The small isolated island of green is an illustration of the development-at-any-cost ethos which rules on the urban frontier.

Hectare after hectare of bushland is being destroyed, massive clearing and earthworks are occurring with no environmental assessment and no surveys to identify significant flora and vegetation having been undertaken.

The Quinns Rocks Environmental Group referred plans to urbanise more than 2000 hectares of land in the area to the EPA for assessment in 1989.

We were told that it did not warrant formal assessment.

The implications of that decision are now being seen.

Environmental issues are simply not looked at by the City of Wanneroo when rezoning proposals come before it.

The council recently approved urban zoning of land at Iluka, the decision was fast-tracked and the conditions of approval say nothing about the natural environment to be affected.

Bulldozers have already started at Iluka.

Action is needed to protect urban bushland. Environmental assessment doesn't happen.

The State's urban bushland policy hasn't been produced.

When will the decision makers end the senseless destruction of bushland?

If you can help efforts to save local bushland please phone me on 305 1591.

David Wake

Quinns Rocks Environmental Group

14 September 1993



**The
community
needs the
leadership you
can provide**

Courtesy Commonwealth Department of Primary Industries and Energy

Regeneration roundup information

This information is an attempt to list some of the many community groups active in bush regeneration and allied activities in the Perth region.

It is extracted from Bruce Rhind's painstaking collection of data on the subject which would be impossible to reproduce fully here.

Bruce is from the Friends of Kings Park and can be contacted on 227 5751.

Bayswater: Bayswater Greenwork. Contact Linda Taman: 271 9832. Bayswater Integrated Catchment management. Contact Kirsten Tullis: 271 3549.

Belmont: Friends of Signal Hill. Contact John Riordan: 361 5595.

Bentley: Friends of Hillview Terrace Bushland. Contact Cathy Tailor: 361 0373.

Canning: Canning River Regional Guides. Contact Stephen Faulds: 457 6707.

Cockburn Sound: If you are interested in being part of a Friends of Woodman Point group, contact Ben Carr on 339 2300. University of WA Botany Department. Contact Di Walker: 380 2201 (underwater regeneration).

East Fremantle: Locke Crescent Reserve. Contact City of East Fremantle: 339 1577.

Eastern Hills: Friends of Hudman Road Reserve are in the process of forming. Contact Robert Watkinson-Slough: 527 1489

Fremantle: Friends of Samson Park. Contact City of Fremantle: 430 2222.

Gosnells: Friends groups include Friends of Ellis Brook Valley (Inc.), Crestwood Estate, Mary Carroll Park, Ashburton Wetlands, Gosnells High School. Contact Wayne van Lieven: 391 3222.

Guildford: Anyone interested in forming a group to look after the South Guildford backwater should contact Grant MacKinnon on 224 9800.

Kenwick: Friends of Brixton Street has recently formed. Contact Regina Drummond: 459 2964. If you are interested in being part of a Friends of University of WA Kenwick Reserve, contact Bill Loneragan on 380 2216.

Melville: Greening Melville, Friends of Wireless Hill and Point Walter. Contact City of Melville: 364 0666.

Nedlands: Friends of Shenton Park Bushland. Contact James Duggy: 386 4014.

Perth: Friends of Kings Park. Contact Kings Park Administration: 321 5065. Friends of Bold Park. Contact Robert Powell: 245 2411.

South Perth: Milyu Waterfront Reserve. Contact Amanda at City of South Perth: 474 0777.

Manning: Manning Primary Revegetation Committee. Contact Warwick Boardman: 450 5117.

Stirling: Friends of Star Swamp. Contact David Pike: 448 9192. Friends of Trigg Dunes Bush. Contact David Pike: 448 9192.

Wanneroo: Coalition for Wanneroo's Environment. Contact Steve Magyar: 401 9003.

Friends of Koondoola Open Space in process of being formed. Convened by Jill Brown: 306 1645.

Friends of Hepburn/Pinnaroo Bushland. Contact Alan Lloyd: 448 9270.

Friends of Marmion Marine Park. Contact CALM Wanneroo: 405 1222.

Friends of Yellagonga Regional Park. Contact Fay Mumme: 401 2678.

Quinns Rock Environment Research Group. Contact David Wake: 305 1591.

Yanchep volunteers. Contact David Pike: 448 9192.

Book reviews

Working together for landcare — group management skills and strategies

by S Chamala and PD Mortiss (1990). Australian Academic Press, Queensland.

Working together for landcare could almost become the Ecoplan bible.

It contains answers to all sorts of questions faced by people working on landcare — how to get a group going, how to keep it going, conducting surveys, working with difficult people, motivating people, getting your message out to the public.

The book's authors, Shankariah Chamala and Peter Mortiss, have an impressive track record in landcare and community involvement.

They wrote *Working together for landcare* for the National Soil Conservation Programme as a joint project between the University of Queensland and the Queensland Department of Primary Industries.

Although directed at landcare in rural Australia, the book has much to offer people involved in urban bushland management and care — many of the issues are similar, if not the same.

As Chamala and Mortiss say in their introduction, "Across the globe, producers, consumers, scientists, administrators, voters and politicians are actively seeking solutions to environmental problems and demanding new approaches, policies and programs."

They go on to say: "Community groups will be crucial to the implementation process as they will provide the points of convergence for action."

Chamala and Mortiss detail how groups become established and how they can be kept going.

They talk about developing leadership, improving meetings, defining rules and organising group activities.

All the sections of the book are oriented towards action. It's full of practical advice and activities to get you on track.

Bringing back the bush — the Bradley method of bush regeneration

by Joan Bradley (1988). Published by Ure Smith Press, New South Wales.

You don't have to delve far into bush regeneration to come across the Bradley method.

Here is a book that goes through and explains step by step how to do it.

The Bradley sisters, Joan and Eileen, developed their method of bush regeneration over many years of walking and weeding in Ashton Park, an area of bush near their home in New South Wales.

Their system is based on three principles from which, according to the Bradley sisters, you **must not** deviate —

1. Work outwards from good bush areas towards areas of weed.
2. Make minimal disturbance to the environment.
3. Do not overclear.

Bringing back the bush explains in detail the reasoning behind these principles and gives practical advice on how to set about regenerating a piece of bushland.

The instructions are detailed and simple to follow.

Good illustrations throughout the book are an added bonus.

Book news

Ecoplan has recently obtained a whole suite of books to be used by volunteers.

The books will be kept in the Ecoplan co-ordinator's office at the EPA and available for loan to volunteers.

A wide selection of titles has been chosen, some of which are printed below, reflecting the activities of Ecoplan volunteers. Most are either on aspects of the environment or group involvement and motivation.

Two reviews appear on page seven to give you a taste of what they hold.

If a title grabs your attention, please contact Coralie Faulkner at the EPA on 222 7038 to arrange a loan or obtain a complete list.

Ecoplan library books

AULD, B A & Medd, R W. *Weeds*. An illustrated botanical guide to the weeds of Australia. Inkata Press, 1987.

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New school proves a first

Students and teachers from MacKillop Catholic Primary School moved into their new premises in June, creating the first West Australian school in a regional park.

MacKillop is already proving itself to be environmentally responsible.

Located near Yangebup Lake in the Beeliar Regional Park, the school has ample opportunities for environmental education—opportunities on which principal Mike Smith is determined to capitalise.

"Several of our teachers have already attended in-service courses at the Tammin Landcare Centre and Annie Ilett from Greening WA has been out to talk to teachers about the local bush," Mike said.

"We have planted deciduous trees right near the school so we get shade in summer and sunlight in winter. Further out it will all be local species.

"The school had also been designed with energy efficiency in mind.

"Once you get going on environmental things it really snowballs. One thing

leads on to another."

Tony Freeman from APACE was preparing a landscaping plan for the school, taking into account location of buildings.

Children would be working on revegetating and regenerating areas in the surrounding reserve. Classroom lessons would reflect what is going on around them.

When proposed, the school was subject to formal assessment by the EPA because of its location in a regional park.

There was opposition to the proposal at the time as some people did not think it was an appropriate development in a regional park. Approval to build the school was conditional on the incorporation on environmental education.

"The school draws children from all around the surrounding community," Mike said.

"There is a terrific opportunity to get the whole community involved in the school and the reserve."



Yangebup Lake from MacKillop Catholic Primary School showing the reserve to be managed by the school.

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