



# NEWS

February - March 1995

## Volunteer Yourself...

### A MORNINGS ENJOYMENT AT A TREE PLANT or A JOB AT THE BARUNG NURSERY

March is Landcare Month and Barung is celebrating Landcare Month with a series of tree plants scheduled on each weekend in the month. We are asking all of you if you would assist in one tree plant during this time to give us sufficient volunteers. Each of the four tree plants are creek bank sites so they will be contributing to creek bank stabilisation as well as general revegetation. Volunteers are welcome to join the tree plants at any time during the given hours and are asked to bring their own tree planting tools and smoko with them. If you are intending to join one of the tree plants - and we do hope you are! - would you please contact Barung (Ph: 943151) and let us know which date suits you so we can have an idea of the numbers for each date.

**Tree Plant Schedule:** -  
**Saturday, 4th March** 8.00 am start to around midday. Walkers Creek with Ashley Sewell, DPI Forestry and Erowal Retirement Village. 1000 to 1200 trees are to be planted and we need between 30 and 50 volunteers.

**Saturday, 11th March** - Obi Obi Creek bank below the RSL grounds, with RSL.

**Sunday, 19th March** - 10.00 am start. Obi Obi Creek bank at the Showgrounds between existing Barung tree plant and the bridge, with Kathy Young, Calundra City Council. We need 10-20 volunteers to plant approx. 800 trees. We have been requested to do a follow up on this tree plant also, to water the trees again if necessary.

**Saturday, 25th March** (9am start). Barung Nursery site. To revegetate the small creek along the boundary of the property and plant shade trees along the western boundary of the nursery, followed by a BBQ around 2.30 pm - bring something to put on the barbie.

Barung Plant Nursery needs more volunteers! As a community organisation Barung depends largely on volunteer labour. We have been enormously rich in volunteer labour over the years, but recently our volunteers have kept getting paid jobs and leaving us.

We welcome volunteers on Tuesdays and Fridays. The nursery specialises in the propagation of Australian natives and the work involves seed planting, potting on, weeding, and some watering. Most volunteers find the work is also combined with an enjoyable social component.

## In This Issue

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Michael Pilarski

Fertilisers

PMP Workshops

Aquatic weed

Down Home

Creepies

Books

Camps

and more...

**Nursery Now Open 5 days a week**

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Fax: 074 999 443

## From the Co-ordinator

We began the new year at Barung by looking at overall planning for 1995 and long term goals. The office and nursery have been extremely busy in the last month, so it is very easy for us to fill our time responding to current events. Our look at long term planning was quickly interrupted by a current event - the birth of Lexy Forbes' daughter on 4th January. As most of you would know Lexy was coordinator of Barung until December last year. Our congratulations and best wishes to Lexy and her little girl.

**Junior Landcare** Our thanks and congratulations to all those involved in Barung's first two Landcare Camps with a special mention for both Sammy Ringer and Lisa Wood. The camps were held from 13th to 16th and 20th to 23rd January with 19 children on the first and 16 on the second. The Camps began Barung's Junior Landcare programme for 1995 and have been a successful pilot exercise for setting up regular Landcare Camps during the school holidays in the future. Junior Landcare continues with the SEEDS (Small Eager Environmentalists Do Something) meetings after school on the first Tuesday of each month. At the February meeting the children were introduced to two fruit bat orphans being raised to be released back into the wild by Rid and Carmel. The children received a lot of information on keeping bats and the need to release them into the wild once they are able to survive on their own. But it was the two bats - Batman and Robin - who stole the show as they hung from a bamboo pole delicately eating fruit and native plant blossom, climbed their way determindly onto the nearest available human and hung upside down from their clothing.

**Landcare Camps for Adults** We have had a few enquires asking if we run Landcare Camps for adults. We would be delighted to do so if there are enough of you out there who are interested. There are a wide range of topics we could cover, including:

- \* Guiding Principles of Sustainable Land Management
  - \* Weed control and reforestation
  - \* Creating special purpose forests for food, fodder, cabinet timbers etc
  - \* Using animals to aid not degrade the landscape
  - \* Attracting and caring for wildlife
  - \* Water Watch
  - \* Property management planning
- Please let us know if you are interested

in attending:-

- \* if you would prefer a 6 day camp or one workshop day a week for 6 weeks.
- \* other subjects you would like included.

Cont'd on page 8

## From the Editor

When I was younger, I had my sights set on a career in journalism. It was all so romantic, you see - obscure wars in obscure countries...walking the corridors of power with notepad in hand...sitting in the editor's chair like some character from *Citizen Kane*... Well, here I am. *Editor, in name if not in fame...*

How lucky I've been.

Like many who live in Maleny, I've shed a lot of old values to get closer to something which has no easy name - is it beauty, the environment or simply a gut-level need to hear the birds and feel the soil? Perhaps it doesn't matter. Whether you're a cattle farmer or a permaculturalist, an alpaca breeder or a rain-forest planter, there's something which binds us. The pleasure of it, the satisfaction of saying *'These things are right.'*

Like many newcomers to Maleny I didn't quite know where to start. I did all the dumb things city people do. I planted Singapore Daisy and Eucalyptus Torrelliana and *mowed and mowed and*

*mowed...* I transplanted a little bit of suburbia to my acreage in the bush and wondered why it wasn't working.

After taking the (often conflicting) advice of a clutch of 'old timers', I wandered into Barung to buy some plants. I'd heard about Landcare, of course - it was something to do with salination - or erosion - or perhaps *'the decline of riparian belts in semi rural districts'* (I'd read that somewhere - it sounded pretty good).

*'Landcare'*, like *'Environmentally Sustainable Development'*, is a tricky little beast to tie down. Is it farmers finding a better way to dispose of dairy effluent or small landholders attracting butterflies? Is it koalas or crops? Perhaps it doesn't matter.

Barung is a pretty dynamic group - but it can only respond to *what's needed*. On the one hand it is duty bound to adhere to the National Landcare Program's guidelines.

On the other, it is morally bound to respond to community needs.

We can't pull these out of the air - they came from you. It would be nice to hear your voice. Tell us what you want, what you need to know or do. Get involved, question us and - perhaps - question your own motives in joining.

And - by the way - volunteer for the next tree plant. The refreshments are lousy, the work's hard and the weather's inevitably inclement - but the rewards are great and lasting.

I'll hear from you - right?

The Ed.



# People Power in Catchment Care

The Mini-conference/Workshop with the theme "PEOPLE POWER IN CATCHMENT CARE - GETTING THE COMMUNITY INVOLVED" will be held at the Tranquil Park Motel and Conference Centre on Friday 24 and Saturday 25 February. While this event has been designed specifically for

the Chairpersons and Coordinators of Community Groups involved with Catchment Care type activities, the topics discussed will be of interest to many others.

Landcare Groups, Catchment Coordinating Committees and of course our own Lake Baroon Catchment Care Group, will be involved. We are hoping for a good roll-up of representatives of these bodies from across the State as well as from Northern New South Wales.

The meeting will be open to all and you may attend individual sessions or the whole conference. Fees have been kept to the absolute minimum as a reasonable contribution towards hire of the venue and refreshments provided during the sessions. The separate session fee is \$5.!!!

Local Water Board President and Mayor of Maroochy Shire, Councillor Bob King will open the Conference at 1.00 p.m., after which the first session on Friday afternoon will consist of keynote addresses by three nationally eminent speakers in this field. They are Dr Geoff Syme, Director of the Australian Research Centre for Water in Society, who is coming from Perth, WA., Professor Brian Roberts from the Land Use Studies Centre at the University of Southern Queensland in Toowoomba, and Mr Cary Reynolds who is Corporate Strategist with the Australian Capital Territory's Electricity and Water Authority.

A conducted bus tour of the Lake Baroon Catchment is

being arranged for visitors.

Session 2 and 3 to be held on the Saturday have the themes "Becoming Aware" and "Getting Involved". Each of these sessions will involve four or five short seminars given by persons with particular skills and experience relevant to the issues, followed by Workshops in which participants will have the opportunity to develop ideas for programs appropriate to their own situation. The seminar presenters will be available to assist as needed.

Dr Val Brown from the Australian National University's Centre for Resource and Environmental Studies will then present a summary of the Conference proceedings,

We look forward to seeing local residents participating at this important event. Further information relating to the Conference Program and Registration may be obtained from the Conference Secretary, telephone (074) 943 922.

Planning of this event has been the major activity undertaken by the Lake Baroon Catchment Care Group for this financial year. In the coming year it is planning for projects of particular relevance to this Catchment, as well as follow-up activity related to its projects in the previous year, e.g. Tom Porter's farm soil stabilisation and pasture improvement.

This Conference has been made possible by National Landcare Program and Greening Australia Funding.

## Sustainable Forestry in SE Queensland

This is a seminar for people who are - or want to be involved in tree planting and management. It will be of particular interest to farmers, Landcare members, forestry workers, forestry department personnel and people interested in the restoration of natural forests and the establishment of plantation timbers for conservation and economic reasons.

### Main Topics for Discussion:

Forest management practices which assist in forest restoration, forest ecology, nutrient cycling, harvesting, ecologically sound forestry practices, farm woodlots, the role of native and introduced species, agroforestry, restoration techniques and current best management practices, displays and information on SE Qld Forest

Growing Associations, a tour of a 2 year old restoration project which incorporates commercial timber production and erosion control strategies

**Keynote Speaker:** Michael Pilarski, founder of Friends of the Trees Society (USA). Author and specialist in forestry and sustainable systems design for over 20 years. His presentation will cover innovative and exciting practices from the Pacific Northwest of the US and internationally. This Australian tour also launches the new book edited by Michael Pilarski - 'Restoration Forestry: An International Resource Guide to Sustainable Forestry Practices'. This book is the most comprehensive review on the subject to date.

For more information contact:

Jeff Michaels at Green Harvest  
52 Crystal Waters Permaculture Village,  
MS 16 Maleny, Qld 4552

Ph: (074) 944 676.

Fax: (074) 944 578



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# Fertilisers

*In this series of articles, we'll 'get down to the dirt' and look at some well known and lesser known fertilisers. We'll answer questions like 'How much of what should I use?' 'How do I find out what my soil needs?' and 'Where do you get it?'*

*Not coincidentally, many of the fertilisers we'll look at will be local products. We welcome your comments.*

## 1. Sea Minerals

Sovereign Downs Sea Minerals are best known as 'something for the horse' - but they're used by humans as well - and they are showing great promise as a fertiliser.

From a business that was started on a card table at a local markets, with no money, Sovereign Downs Sea Minerals has grown into a major business and is helping people and animals all over Australia. Historically both man and beast have made trips to the ocean to cure their health problems, both internally and externally. That the mineral content of the ocean is similar to the composition of blood

is very significant - it is almost as if the universe has given us a magnificent source of healing that we still as yet don't fully appreciate

As if its health properties weren't enough - many people have found that Sea Minerals are also great for the garden. Around 10ml/lt can be used for garden plants and 5ml/lt for hydroponics and pot plants. Traditional fertilisers with their NPK values often neglect the need our soils have for trace minerals. Sea Minerals can supply them.

The good news is that Sovereign Downs will shortly be bringing out a range of Sea Energy Soil Conditioners - look out for them.

Sea Minerals are available from the Maple St Co-op.,

## Seeds - Please

With expansion at Barung proceeding apace, our need for seeds is greater than ever - do you have one of the following Jan-Feb-March seeders?

- Abrophyllum ornans** - *Native Hydrangea*
- Acmena Ingens** - *Red Apple*
- Alchornea illicifolia** - *Native Holly*
- Austromyrtus dulcis** - *Midyim*
- Archirhodomyrtus beckleri** - *Rose myrtle*
- Akania lucens** - *Turnip wood*
- Alphitonia petriei** - *White ash*
- Araucaria cunninghamii** - *Hoop Pine*
- Backhausia citriodora** - *lemon scented myrtle*
- Cassine australis** - *Red Olive Berry*
- Commensaria bartramia** - *Huon Kurrajong*



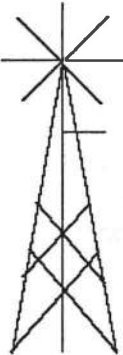
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- Conarium australisicum** - *Mango bark...*
- Cryptocarya obovata** - *Pepperberry tree*
- Cryptocarya rigida** - *Rose maple*
- Dysoxylum muellerii** - *Red bean*
- Elaeocarpus obavatus** - *Hard quondong*
- Elattostachys nervosa** - *Beetroot tree*

more next issue...

# The Rain Has Come!

And tree planting follows. With good rains in most of the region it's time to get all those trees in the ground to get maximum growth over the summer. Putting a good layer of mulch around a tree when it is planted will stop the sun from sucking the moisture back out of the bare earth, discourage weeds and grass competition, and will provide habitat for soil organisms which proliferate in damp, well mulched earth. The soil organisms will keep the soil loose and friable and help make nutrients available to the plant. Mulch is a very good habitat for all sorts of pest predators that will help to keep your plants healthy. In other words, mulch works for you! When planting in dryer spots in-

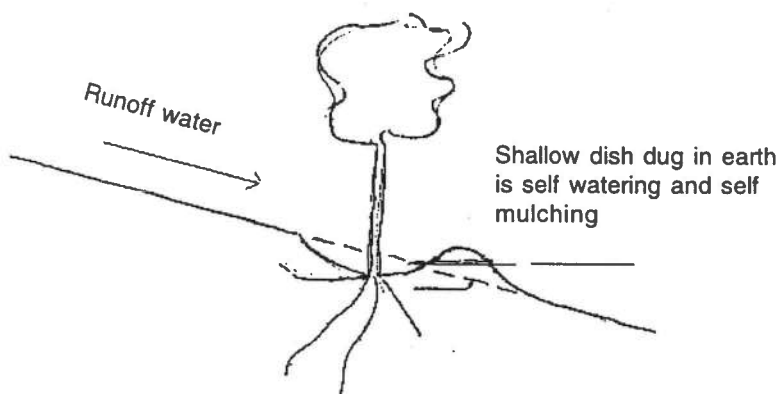
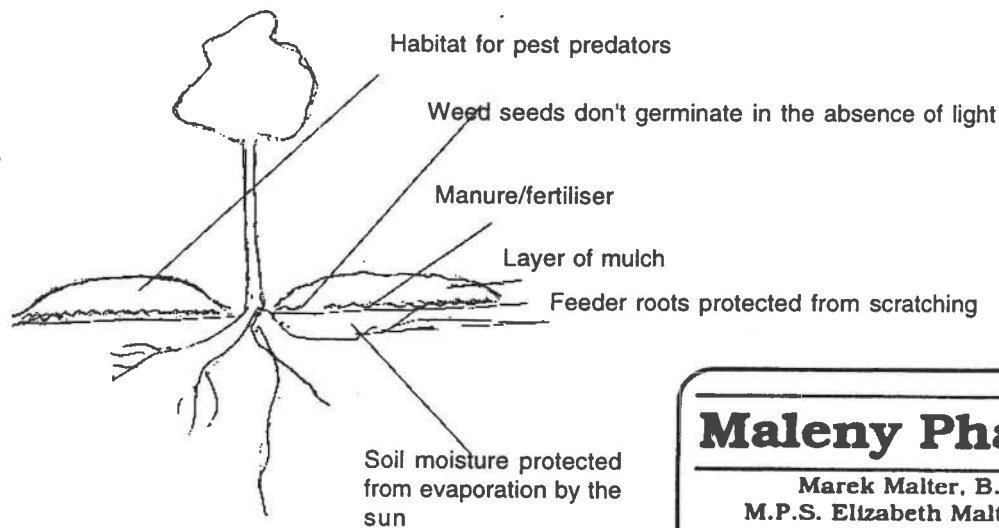
crease the amount of moisture each tree gets by creating a small depression for it. When it is raining, water runs into this slight depression and is held there, allowing it to seep into the ground around the trees roots instead of running off to the bottom of the slope. The easiest and cheapest place to store water is in the ground. As the water runs into this shallow depression it may also bring organic matter and silt with it thus making not only a self-watering but also a self mulching system around each tree. A little extra care at planting time can save quite a lot of maintenance during the first few years of the tree's life and assist optimum growth.

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# HAPPENINGS

## Landcare group involvement sought in case study project

The ICM and Landcare Unit would like to hear from landcare groups interested in sharing their experiences and achievements with others.

The Unit is looking for groups which have been involved in a range of issues and have achieved successful outcomes.

In many catchments, landcare groups and catchment coordinating committees are working well together. It is planned to include an example of this aspect of landcare group involvement.

The information will be used to compile case studies which will be published and distributed nationally.

The studies will be an invaluable tool in promoting the landcare effort in Queensland, as they will allow recognition of the challenges and innovative practices being used by groups to achieve landcare.

mittee requested and got further information from the Government on the "Community Rainforest Reforestation Project" and "Greater Planning Certainty for Queensland's Wood Products Industry". The Dairy Effluent Project is progressing rather well. This year has not been good for stream sampling as the flow in all streams adjacent to Trial Sites has been virtually nonexistent. Additional soil sampling is being undertaken on a site in virgin rainforest and a cleared, but unfertilised site. We are sourcing information from other organisations which will be of benefit to the study. Currently we are preparing a submission to NLP for our final years' funding.

**Rob Cork** Secretary

## Date Claimers:

Feb 20: PMP Workshop:- an open workshop - all welcome.

March 7: Barung Committee Meeting.

Feb 28th: Enterprise Arm: Rural Subcommittee: 24/25-2 -Catchment Care Committee

**SEE BACK COVER FOR TREE PLANTING DATES**

## New Members...

Welcome to:

Phillip Harrison

Gary Lindsay

Mark Fentiman

Des Cosgrove

Maria Dam

Sylvia Dawson

Peter Craswell

Lyn de Silva

Skye & Robyn Clayfield

Mrs Verstraten

Phil & Jools Dahlenberg

## BARUNG LANDCARE RURAL SUBCOMMITTEE

At our November meeting it was decided to meet on a bimonthly basis in the future. Some time was spent at the January meeting attempting to sort out a program for '95. Our interest lies with the sustainable aspects of working the land and we would like to liaise with Maroochy and Kenilworth Landcare groups to further that interest. Members generally would like to gain more information on soils, water resources and forestry. Some members of the committee took advantage of the Australian Forest Growers Field Trip on 4th February. Ashley Sewell gave everyone a well conducted tour of the fire ravaged pine plantations at Beerburum and the new Forestry Log Dump at Donnybrook. Thanks to AFG for an extremely interesting day. The committee has obtained the paper on "Tree Planting for Production and Natural Resource Management" and are preparing a submission for the 28th March deadline. The com-



## Position Vacant

We have a 40 hour per week position available for someone interested in on-the-job training in Barung Landcare Nursery. There would be some external training in Caloundra. Employment is under the CADET scheme and applicants must have been unemployed for a minimum of 18 months to qualify.

Training in Barung would cover - Seed collection, Propagation, Potting on, Weeding, Preparation of tree plant sites (including spot spraying with Roundup), Maintenance of existing tree plants, Customer enquiries and sales at the nursery

External training would be in short courses arranged by the Department and would be related to nursery work and skills needed for finding employment. There is a possibility that the position would continue after the 6 month training period on a different basis.

Closing date for applications:  
February 23rd 1995  
Further details - Call Barung on 943 151

# Conserving Creepie Crawlies

*Invertebrates at the bottom of the heap:* by Queensland Threatened Species Coordinator Jan Tilden

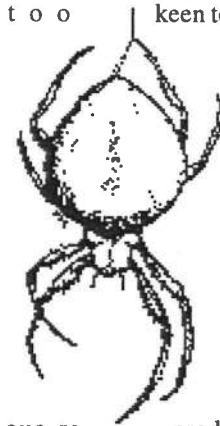
I am sure that many readers are aware of the need to conserve the group of animals which scientists call "invertebrates", a word that simply means "animals without backbones". If we look at threatened species in terms of the amount of media attention they receive, the amount of funding that goes into trying to save them, the amount of research being done on them and indicators of this sort, it is fair to say that there is a hierarchy that goes something like this: mammals and birds from overseas countries (tiger, white rhinoceros, bald eagle), Australian mammals and birds (bilby, hairy-nosed wombat, paradise parrot), other Australian vertebrates (snakes, lizards, frogs, fish), plants (especially orchids) and finally, at the bottom of the heap, the invertebrates. Of these, the group with the highest public profile is the butterflies.

If, on the other hand, we were to use criteria such as sheer numbers and importance to human survival in terms of ecological services performed, the invertebrates would probably head the list although plants are also very important in these terms. It has been estimated that invertebrates comprise 95% of the earth's fauna. Of these around 75% are insects. Other familiar animals without backbones include worms of all kinds, spiders, crabs and other crayfish, jellyfish and snails.

Surely we would be much better off without many of these? An emphatic "No" is the answer to this question, and here are some of the reasons: many plants depend on invertebrates, usually insects, for pollination. While some plants permit pollination by a wide range of insects, for others there is only one insect involved. Any significant reduction in the numbers of that insect will threaten the survival of that plant and in turn any other animals that

depend on it for food or shelter. Invertebrates make a major contribution to food chains and are therefore a very important part of any healthy ecosystem. They may be herbivores, carnivores or decomposers. They may, in turn, form an important part of the diet of other carnivorous animals both with and without backbones.

As decomposers, they help in the formation of soil, recycling important organic nutrients. As carnivores - spiders for example - they help control insect populations thus contributing to the balance of nature. Given the chance they will also do this for us. Unfortunately most of us are all



t o o keen to eradicate them. The role of invertebrates as herbivores - that is to say plant eaters - is an interesting one. In a sense, they drive the evolution of plants which develop various re-productive, chemical and physical defence strategies against invertebrates that eat them. Often, the chemicals developed by plants to protect them from insects are found to have medicinal properties for human beings - just one of the ways that we benefit indirectly from the activities of the invertebrate kingdom.

Invertebrates can also act as monitors of the condition of our natural ecosystems. One important application of this principle is the use of invertebrates to monitor the condition of the water in our rivers and streams. Of course there are other ways of doing this, but they are more expensive and less reliable.

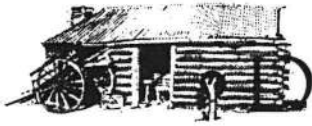
These are just some of the reasons for conserving the creepy crawlies. The threats to invertebrates are basically the same as those which apply to the animals with backbones. They are: habitat modification and destruction, competition from introduced

predatory species, including humans, and pollution. One of the problems with conserving invertebrates is that we know so little about them and what they need to survive. It has been estimated that less than 50% of all the invertebrate animals in Australia have been formally named.

The same situation applies in other parts of the world. Only in Europe are the animals without backbones relatively well studied and Europe, lacking tropical rainforest, has a small number of invertebrate animals compared with Australia. So it is not possible to produce anything like an accurate list of threatened invertebrate species such as exists for vertebrates. Perhaps the only invertebrate group for which we can approach some sort of comprehensive list is the butterflies. For the rest, our knowledge is very patchy indeed.

Let me give you an example. I have a particular interest in jumping spiders, so I thought I would try to find out whether there are any threatened jumping spiders. The author of one of my reference books has attempted an invertebrate list and does not make any claims whatsoever that it is a comprehensive one. As it turns out, the threatened spiders listed are trapdoors living in Western Australia (plus one in south Australia). Does this mean that there are some mysterious forces working against trapdoors who have the temerity to live in the western half of our continent? I think not. To me it indicates that some scientist has taken an interest in this group and studied it thoroughly - no other group of spiders is known well enough to hazard an estimation of the status of its members. Undoubtedly, there are species of Australian invertebrates which have become extinct before they were even found. Not only do we not know what they were - we also don't know how many we can afford to lose before our own survival is threatened.

Reproduced from Eco Echo, produced with the assistance of the One Billions Trees Program



# O W N H O M E

## Aquatic weed threatens coastal dam

An important water resource is under threat on the Sunshine Coast due to a serious infestation of the water weed *Cabomba caroliniana*. The weed has been found in Ewen Maddock Dam in Caloundra and the Caloundra City Council has already spent an estimated \$130,000 combating the situation. Caloundra Project Officer, Kathy Young outlines the problem.

The Ewen Maddock Dam is a back up source for water supply to Caloundra City and is also an important recreation centre for locals and tourists. Camp Koongamoon Recreation Centre is located adjacent to the dam and serves as an important education facility. Given the dam's features and the fact that it is an important bird habitat, *Cabomba* has the potential to destroy all the features that make Ewen Maddock Dam a 'top spot'.

What is *Cabomba*? *Cabomba* is an aquatic perennial that grows submerged except for a few floating leaves and flowers (when in season). The stems are generally 2m in length but stems 7m long have been found in Ewen Maddock Dam. *Cabomba* has green feathery submerged leaves in a fan shape.

How did *Cabomba* become a problem? *Cabomba* was found at the end of a service road, which indicated that either someone has dumped the fish and weeds from their fish tank or has tried to grow the weed there in order to resell the plant. Both of these actions are irresponsible and illegal. Caloundra City Council's Noxious Weed Supervisor, Mr Peter Bell first found the weed in Ewen Maddock Dam in mid October 1993 and began combating the weed in November 1993. Mr Bell said "By Christmas 1993, I witnessed the

*Cabomba* growing at a rate of 5cm per day." This rapid growth is the key to the problem of controlling the weed and has resulted in fairly dramatic responses from the Council.

"Ewen Maddock Dam is now off limits to all recreational activities and will remain that way until *Cabomba* is eradicated," Mr Bell said.

What is Caloundra City Council doing? Peter Bell is using three methods of combating *Cabomba* including: physical containment of the weed by the use of a shade cloth fence; draw down - lowering the level of the dam by 2m; and mechanical removal. Mr Bell said "*Cabomba* became dormant for only 2-3 weeks during winter and was growing in temperatures as low as 15 degrees Celsius." *Cabomba* reproduces asexually (it doesn't produce seed) and any attempts to remove the weed should be treated with caution as broken pieces of the plant can grow into new plants. Mr Bell has been working with Mr Tom Anderson of the Lands Department, who is trying to formulate a herbicide that will have some effect on the weed. Past attempts to control *Cabomba* with chemicals have had limited success.

*By Kathy Young. Reprinted with the permission of 'The Growing Idea' - Newsletter of Greening Australia*

A big thank you to our volunteers...

**Barry - Sylvia**

**Sandra - Tony**

**Maria - Christian and the kids!**

**Without your labours, we'd be in strife...and you're fun to work with!**

## From The Co-ord cont'd

**Expansion at Barung** continues with the second shadehouse close to completion after a great deal of work by Barry Beale. John Rae kindly donated 5 metres of gravel for the new shadehouse and extra hardening off area. The new sprinkler system installed this week gives a lot of extra space for hardening off plants as well as providing a more even water coverage than the old system and thus using much less water.

With Jan Tilden moving the Threatened Species Network to shared office space with the Range News, Barung's office area is also expanding. Since we moved into our permanent site at Bicentenary Lane the membership of Barung Landcare has increased by over 100% and we require more office space to deal with the increased demand for our services. There is also a steadily increasing demand for the local native plants we already grow plus frequent requests for more groundcover species and some eucalypt species which we will grow as soon as we have been able to expand the nursery area sufficiently and have the extra volunteer input we need to propagate them.

**Fruit trees** Several months ago Barung began taking monthly orders for varieties of fruit trees which produce well in this area. This service is proving to be very popular as the trees from Birdwood Wholesale Nursery in Nambour are very well grown trees. Our thanks to John Rae again for transporting the trees to us each month.

**First visits.** New members are requesting a first visit to their property for advice on planning and management of their land at an average of one visit per week. The coordinator spends about an hour walking around each property with the owners and indicates areas for forest, domestic production and possible improvements



to commercial production areas, planning for fire prevention and control, - sensitive areas needing rehabilitation or damage prevention, planting areas for wind-breaks and wildlife corridors, how to create wildlife habitat, reforestation and weed management techniques, sustainable water harvesting techniques, consideration of sun and wind directions in relation to placement of buildings and plantings, potential house sites in the landscape, suggestions for dealing with specific problems on the site  
The cost of \$25 covers the coordinator's petrol costs and makes a small but welcome contribution to Barung's aim of reducing its need for funding.

**OPEN DAY - HABITATS FOR LOCAL NATIVE FAUNA - Monday**

20th March Speaker - Adrian Caneris from Nature Search. Adrian will be speaking on principles of habitats, habitat systems, habitat types and species of local fauna, the effect of development and management practices of habitats

This will be followed by a visit to two local properties to look at examples from the mornings information.

This open day has been organised as a continuing part of the Property Management Planning Workshops started in late 1994 as a joint education project by Barung Landcare, DPI and DEH (Dept of Environment and Heritage). The Open Day begins at Barung Landcare office at 9.00 am and finishes around 3.00pm. Please bring your lunch, good footwear and a rain gear if necessary.

Everyone is welcome.

**Phil Harrison**  
(B.For.Sci.)  
**Tree Planting Services**

- \* Quality Tree Establishment at competitive rates
- \* Ten years experience in the field of environmental protection
- \* Backed by Barung (schedule of rates available at the nursery)

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**Premixed Concrete  
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Landscaping Rocks.**



**Loader, Truck  
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hire.**

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A/h (074) 428 013

**An environmentally  
responsible company**

**Books at Barung -**

Did you know Barung has a small but very relevant selection of books for sale?

*Australian Rainforest Plants I, I and III* - Nan & Hugh Nicholson

*Dinkum Gardening - Creating a Bushland Garden in Brisbane* by Tim Low

*Rocks and Landscapes of the Sunshine Coast* - W.F. Williams and N.C. Stevens

*An Introduction to the Successful Growing of Rainforests and Harvestable Timbers*

by Jack Mitchell, B.E.M.

*Fruits - a guide to common and unusual fruits found in Rainforests*: G.J. Harden &

J.R. Williams

*Rainforest Flora of NSW*: G.J. Harden & J.R. Williams

*How to Identify Plants*: G.J. Harden & J.R. Williams

*Rainforest Climbing Plants*: G.J. Harden & J.R. Williams

*Trees and Shrubs in Rainforests of NSW and S. Queensland*: G.J. Harden & J.R.

Williams & W.J.F. McDonald

*Getting Your Head around Land Use Planning. Vol 1*: The Government Planning

Process: Kris Plowman, Trish Ferrier and Jan Tilden

*Understanding Soil Ecosystem Relationships*. DPI, Qld

**Landcare...**

**... It's in your hands.**



**THE FARM BARN**



19 Macadamia Drive (Kenilworth Rd.), Maleny  
**OPEN SEVEN DAYS - AND WE DELIVER**

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OIL, GREASE &  
FILTERS**

**THE ONE STOP TOP SHOP**  
*For friendly service with a smile*

PHONE  
**942 307**

Mon - Sat  
7 a.m. - 6 p.m.  
Sunday & Public  
Holidays  
8 a.m. - 3 p.m.

- ◆ SUPER ◆ U.L.P.
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- ◆ EXCHANGE BOTTLED GAS

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- ◆ Blundstone work & safety footwear
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- ◆ Poly pipe & fittings
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- ◆ Potting Mixes
- ◆ Paving Slabs
- ◆ Mulch Hay
- ◆ Sleepers

# TREE PLANT DATES

A BIG month in March :

Sat 4th - Walkers Creek - 8 am (or a *little* later)

Sat 11th - Obi Creek (below RSL) - 9 am

Sun 19th - Obi Creek at the Showgrounds - 10am

Sat 25th - at Barung - and a Barbie thrown in! 9 am

Please call - volunteer - join in and enjoy.



## NURSERY

17 Bicentenary Lane, Maleny  
(behind the Rainforest Plaza)

Working for *our* future

Tubes - \$1.50 6" pots - \$3.50 8" pots - \$5.50

Tubes (over 200) \$1.00 each

Bunyas welcome.

OPEN TUES-FRI 9am to 5pm. Saturday 9am-12pm

Call in or phone us on 943 151

## BARUNG LANDCARE

Management Committee

*President* - Jan Tilden

*Vice Pres.* - Annemarie Watt

*Coordinator* - Lexy Forbes

*Secretary* - Kathy Zaiko

*Treasurer* - Lisa Wood

*Committee Members* -

Denise Irons (*plants*), David

Fraser (*Rural and Enterprise*

*Arm*), Sammy Ringer (*Newsletter*

*& Enterprise Arm*) and John Rea

(*Mary River Catchment*)

*Advisors* - Ashley Sewell, Sam

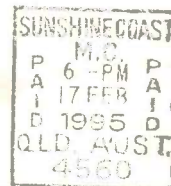
Brown.

*Newsletter Editor* - Sammy

Ringer



17 Bicentenary Lane  
Maleny, Qld 4552



E.R. & M.A. JEFFRIES,  
"KOOKABURRA HOLLOW",  
P.O. BOX 150,  
MAPLETON,  
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4560

Your Membership is CURRENT till 21/07/1995  
Your continued support would be appreciated.