

Council recognises Barung contribution

Caloundra City Councillors have recognised the contribution made to the local area by Barung Landcare over the past 14 years, with the allocation of \$30,000 in the 2003/2004 CCC budget.

This funding was approved at the CCC budget meeting on 18th of June, and is to be used to assist with payment of wages for the Coordinator and Revegetation and Habitat Officer positions.

Councillors were made aware of the jeopardy of both of these positions (as a result of the lack of Federal and State support) during a Barung presentation to Council earlier this year.

Barung Landcare would like to thank Caloundra City Councillors for this public support of the work done in the Sunshine Coast Hinterland. All of Barung's on-ground and landholder education efforts are essential to the environmental health of the area if it is to be preserved and enhanced for current and future generations.

Caloundra City Council is to be congratulated for its increasing commitment to the local environment. Additional Council staff have been funded for works on Council properties in the Range area, and Council's support of the unique rainforest remnant that is Mary Cairncross Scenic Reserve is essential for its future.

Council Planning and Strategy staff are currently working on the development of a Caloundra City Council Biodiversity Strategy.

Caloundra City has recently been recognised as a "hot spot" for biodiversity, with species diversity equal to the Daintree and Kakadu!

We at Barung always knew we had something very special here on our doorsteps and have been working on-the-ground for its preservation for over a decade. This just makes it official.

Barung staff and committee members are very grateful to CCC to have the opportunity to work with them on the development of this important strategy.



We would also like to thank Caloundra City Council for the support of Council staff over the years.

If we are to achieve the maximum on-ground outcomes for this area, we must work together to satisfy regional funding arrangements and attract further funds to assist with this essential environmental repair work.

BARUNG LANDCARE NEWS



June - July 2003

WORKING FOR OUR FUTURE

Local artist donates painting for Landcare



Local Maleny artist, Shane Watson, has generously donated this magnificent landscape painting in oils, valued at \$1000, to raise funds for Barung Landcare.

The painting, "Bush Track", captures the beauty of the bush on the western end of the Range. Measuring 1150 x 850mm, the painting comes complete in an elegant gold frame.

"Bush Track" is being raffled by Barung with all proceeds going to benefit the protection and restoration of the Sunshine Coast Hinterland for the community.

Tickets are only \$5 and are available from Barung Landcare and selected local outlets. It is hoped that the painting will be on view for the next few months at various local galleries.

The winner of this fantastic prize will be drawn at the Barung Annual General Meeting in September 2003. Thank you Shane.



2003 WOOD EXPO SETS RECORDS ACROSS THE BOARD

A record number of exhibitors, volunteers and record local business support set the scene for record crowds at the 2003 Wood Expo.

Its fantastic success will help keep Barung open for the next year.



Congratulations to everyone who contributed to this fantastic event.

It is a reflection of the local community and has become a part of the local culture of the Blackall Range - a true celebration of our past, present and future.

See page 13 for a full list of volunteers - more than 250 community members helped pre, during and post event - and this does not include our Speakers, musicians and Landcare Paddock exhibitors! See the back of the calendar for a full list of Expo supporters.

Apologies for any omissions - it was a huge job to recall everyone.



IN THIS ISSUE

| CONTENTS | | PAGE |
|--|-------------------------|------|
| Council recognises Barung contribution | <i>Mim Coulstock</i> | 1 |
| Local painter supports Landcare | <i>Mim Coulstock</i> | 1 |
| A great Wood Expo | <i>Mim Coulstock</i> | 1 |
| New members | <i>Barry Liddell</i> | 2 |
| From the President | <i>Elaine Green</i> | 2 |
| The state of the land | | 3 |
| Barung's DGR status | <i>Trish Brunton</i> | 4 |
| The ornamental Garden | <i>Joan Dillon</i> | 4 |
| Nursery notes | <i>Nick Willis</i> | 5 |
| New Nursery prices | | 5 |
| Plant profile | <i>Nick Willis</i> | 6 |
| Local wild & edible | <i>Bernard Murawski</i> | 6 |
| Butterflies of the Range | <i>Bob Miller</i> | 7 |
| The weed report | <i>Lin Fairlie</i> | 7 |
| Revegetation beyond NHT | <i>Marc Russell</i> | 8 |
| Frog Hilton - Green Corps | <i>Wayne Wadsworth</i> | 8 |
| Reveg funding available | | 9 |
| Tree talk | <i>Tony Wootton</i> | 9 |
| National Landcare Conference | <i>John Muir</i> | 10 |
| Farewell to PFSQ members | <i>Laurie Capill</i> | 11 |
| Our water - catchments | <i>Kym Stanton</i> | 12 |
| Thanks to Expo volunteers | | 13 |
| Volunteer of the month | <i>Nick Willis</i> | 14 |
| Thanks to ... & Letters | | 14 |
| Plant recall! | <i>Daryl Reinke</i> | 15 |
| Sweet dreams | <i>Spencer Shaw</i> | 16 |

WELCOME TO NEW MEMBERS

| | |
|-----------------------|------------------------------|
| Susan Neale | Dean Kelly |
| Edwin & Kathy Codd | Don Rice & Liz Beim |
| Anne Franklin | Mike Norman |
| Rod Hyde | Jeff Cornfoot |
| R C Still | Peter Foley |
| Klaus Genzel | Tom & Toni Black |
| Pam Mcleod | Kathy Meneely |
| Steve Shalley | Hamish Dalziell |
| Bob Kettle | J R Vavasour |
| J B Watkins | Richard Mohan |
| Alison Lambert | Max Hancock |
| Christina Baxter | R & G Gwynne |
| John Abel | Rob Hook |
| Mariette & Tim Bailey | Lerch Markys |
| R & D Haupt | Robert & Jan Galligan |
| Joe & Kay Eastmure | Scott & Cheryl MacFarlane |
| P Longveld | Sybil Maclure & Tom Nealson |
| Noel & Judith Jenner | Bellthorpe Progress Assn Inc |

THANK YOU FOR YOUR LANDCARE SUPPORT

FROM THE PRESIDENT

Elaine Green

In a Nutshell

In the mid nineties, some of the proceeds from the Federal Government sale of Telstra created the Natural Heritage Trust or NHT, as it became known. NHT funds have been widely spread in schools, community groups and in government programs along with education programs. Australians now understand the relationship between tree clearing and salinity, and by far the largest NHT grants have gone to repairing the Murray Darling.

The key focus of Barung's work on the Range and environs has been revegetation of catchments and making the link with improving water quality in education programs. Many not-for-profit groups have benefited from NHT funding across Australia and it has created a sort of micro-economic "revolving fund" for community groups.

For instance, in the last 5 years, Barung has passed 60,000 trees through our nursery that have gone into the ground for projects funded by NHT alone. For Barung, this has meant that NHT projects have created a demand for native plants for revegetation projects and the nursery sales have certainly been boosted. Barung currently employs a full time administrator, 4 days/week coordinator, 5 days/week nursery manager, nursery trainee and a 2 day/week revegetation officer.

For nearly two years now, there has been no new NHT funding. In framing up the next financial year's budget, the Management Committee will be faced with some important decisions.

The only funding we can count on is from our own enterprises:

- (1) profits from Expo;
- (2) sales from our native plant nursery; and
- (3) anything else we can come up with,

and I must say that one of our coordinator, Mim Coulstock's greatest talents is exactly the latter! Thank goodness!

The loss of sales in the nursery is now becoming apparent as large funded community revegetation projects decline markedly. We lack the space to be able to propagate significant quantities of common plants for farm forestry to be competitive with large orders, or to grow on and value add to our mostly tube stock range. Caloundra City Council has not responded to our several requests for a longterm lease to enable capital investment in the site. Our "garage" needs upgrading and we have felt unable to move forward, to plan and to grow.

On the plus side of the balance sheet we have a fantastic Expo that is fast becoming recognised as a signature event for the Blackall Range. We have an amazing amount of knowledge in our professional staff and through our networks. We have some absolutely wonderful volunteers and a dedicated management committee.

cont'd page 4

DEADLINE - Wed 16th July

for August - Sept Newsletter contributions

Please let us know of any change of address so we can keep membership data up-to-date. Please renew your memberships - your support is very important to Barung.

THANKYOU



THE STATE OF THE LAND

NEW PEAK STAKEHOLDERS' COUNCIL ANNOUNCED

Natural Resources Minister, Stephen Robertson, has announced the membership of a new top-level stakeholders' council to advise the State Government on natural resource management issues.

Mr Robertson said the new Natural Resources Peak Council would strengthen the partnership between government, industry and communities and help achieve better policy outcomes for Queensland's vast land, water, vegetation and mineral resources.

"Queensland's future economic, environmental and social well-being depends upon all of us working in partnership to develop natural resource management strategies that are better targeted, more integrated, implementable and affordable.

"We need to take a more integrated approach to natural resource management and this new peak council will play a critical role in helping government achieve these core goals," he said.

Mr Robertson said the creation of the Natural Resources Peak Council was a key outcome from last year's Queensland Salinity Summit hosted by Premier Peter Beattie at Parliament House.

Members of the new Council are:

Larry Acton, general president AgForce; Gary Sansom, president Queensland Farmers Federation; Susan Johnston, CEO Queensland Mining Council; Cr Paul Bell, senior vice president Local Government Association of Queensland; Di Thorley, Mayor of Toowoomba; Felicity Wishart, coordinator Queensland Conservation Council; Barry Trill, Wilderness Society; Terry Waia, chair Torres Strait Regional Authority; Charles Morganson, chair Central Queensland Aboriginal Land Council; John Dillon, Burnett-Mary Landcare and Catchment Management Council; Barbara Wilden, Fitzroy Basin Association; Kerry Herron, Australian Property Institute; and Duncan Souter, CEO Queensland Seafood Industry Association.

The Council's first meeting was held on 21 May, 2003.

Mr Robertson said the Council would provide a semi-annual forum for peak stakeholder organisations to discuss State and national strategic policy issues affecting natural resource management in Queensland and to provide input to the Minister on policy development.

"It will be a forum for vigorous discussion and debate about strategic issues and it will provide the Government with expert advice on the best possible and sustainable management options for our water, vegetation, land and mineral resources.

"I am confident all members will put aside sectoral self-interest and focus on the bigger picture when considering these issues that are so vitally important to Queensland's future," he said.

AUSTRALIAN RURAL LEADERSHIP PROGRAM

The Australian Rural Leadership Program is designed for men and women who will lead rural and regional Australia into the future. It provides a forum where participants will develop leadership skills and increase their knowledge and understanding by sharing ideas and experiences and exploring contemporary issues. RIRDC is proud to sponsor three participants for this program. The closing date for applications for Course 11 is June 30. For more information: www.rural-leaders.com.au/whatsnew.htm#Wanted. The application form at www.rural-leaders.com.au/arlpl_downloads.htm

IN-MARKET EXPERIENCE SCHOLARSHIPS

The New Industries Development Program's (NIDP) In-Market Experience Scholarships are now open for applications. Participants receive up to \$30,000 each to enhance the rate of commercialisation of new niche products, technologies or services, and develop their own program of in-market visits and research and select courses suited to their needs. Applications close 26 July.

See www.affa.gov.au/agribiz or call 1300 884 588

CONSERVATION COVENANT BROCHURE

Environment Australia has produced a brochure designed to explain conservation covenanting and inform landowners of the new taxation concessions available. Covenanting scheme organizations and state agencies agree that this document meets an information gap. The brochure provides a general introduction to conservation covenants and directs landowners to contact covenanting schemes for detailed state specific assistance.

The brochure is available from Veronica Ritchie on (02) 6274 2713 or email veronica.ritchi@ea.gov.au or have a look at the Environment Australia website www.ea.gov.au

Wood for Alcohol Fuels - Using farm forestry for bioenergy - The JVAP Research Update Series No.7(03/018 EPL-2A)

Full report www.rircd.gov.au/reports/AFT/03-018.pdf

Summary Report www.rircd.gov.au/reports/AFT/03-018sum.html

Olive Variety Assessment for Subtropical Summer Rainfall Regions

Full report www.rircd.gov.au/reports/NPP/03-021.pdf

Summary Report www.rircd.gov.au/reports/NPP/03-021sum.html

Pasture intake by young horses (W03/005 UQ-72A)


Full report www.rircd.gov.au/reports/HOR/w03-005.pdf

Summary Report www.rircd.gov.au/reports/HOR/w03-005sum.html

Integrated Wastewater Treatment and Aquaculture Production

Full report www.rircd.gov.au/reports/Ras/03-026.pdf

Executive Summary www.rircd.gov.au/reports/Ras/03-026sum.html



MULCHMAKERS

The Organic Recyclers

- ✓ treefelling
- ✓ full insurance
- ✓ mulch supplies

Garry Roberts 0417 710 960 A/H 5494 7885

convert your cuttings converted to organic mulch ...
... the alternative to burning & dumping



BARUNG'S DGR STATUS (Deductible Gift Reciprocity) Trish Brunton, Barung Treasurer

Most people have seen the words "donations of \$2 or more are tax-deductible" on a receipt when donating to a charity.

That tax-deductible status is also available for some Landcare groups that are not-for-profit organisations, usually established to enhance or protect the natural environment or to promote ecologically sustainable development.

At the Special General Meeting held May 28th, a Special Resolution proposing changes to Barung's Rules was approved, including the Establishment Motion for Barung Environmental Gift Fund.

The next step for Barung is to apply for entry on the Register of Environmental Organisations kept by the Department of the Environment and Heritage.

Once entered on the Register, Barung is eligible to receive tax deductible donations of cash, trading stock or property, making Barung far more attractive to donors, either individuals, companies, trusts or other types of taxpayers, and thus enhancing our fund-raising ability.

We will keep you posted on the outcome of the assessment process.

\$

In a Nutshell cont'd from page 2

We have runs on the board and have made a significant environmental improvement to the biodiversity of the Range and Mary Valley and to the education of landholders.

Barung covers the headwaters of 4 river systems - the Mary, the Stanley, the Mooloolah and the South Maroochy. Because of this, apparently we fall within two of the newly created super Natural Resource Management regions - the Burnett-Mary and the Moreton Bay-SEQ region. Sounds like lots of driving to Bundaberg AND Brisbane!

There are solutions of course. Barung can try to seize this strategic geographical advantage and become ourselves a devolver of funds for regional projects. We can buy land for a nursery and pay it off so that we can expand. There are creative ways around the challenges we are presented with.

If this is the kind of challenge that you would like to take on - joining the management committee of an established yet dynamic community group and helping us to grow - please consider nominating. The AGM isn't until September but we want to hear from you soon! Coming along to a monthly management committee meeting is a good way to get acquainted with the issues at hand and see if you would like to join us. Just give Angela in the office a call and she'll let you know where and when meetings are on. Enjoy the rain!

National Landcare Conference
Darwin, May 2003
Conference Proceedings are available on CD ROM,
and Abstracts are available at
www.landcareconference.nt.gov.au

The Ornamental Garden Joan Dillon

The late summer and early autumn rains have created perfect soil conditions for extending the garden. Who has mulched out another patch of grass or squeezed an extra plant or two into the existing garden? Additional mulch at my place also helped to suppress the weeds that responded vigorously to the rain. Unfortunately, I couldn't persuade the May invasion of army worms to eat the glycine but they certainly chewed back the grass. Not so desirable of course if you had cattle.

It's now winter so those in low lying areas will probably be contending with frost, but for many of us on the eastern escarpment, even energy and time, or lack thereof, are no excuse for not continuing to garden. The wet patches will have been noted, along with the most well-drained spots.

In fact this is a very good time to plant otherwise dry slopes. New plants will not have to contend with high temperatures and evaporation rates. Soil temperatures remain fairly uniform on my part of the Range and the heavy soils retain moisture. Generally of course, the locals will only need to be watered in at planting, but some cultivars may need a little additional TLC.

Make your choices on the basis of foliage and form. Although there may not be huge splashes of colour in the garden during autumn and early winter, it is definitely the time to appreciate the diversity of greens in the landscape. A garden can, and really should, be designed around the colour, texture and shapes of leaves. We have a huge range of choices from silvery grey through to almost lime green. Textures range from bright and shiny to soft mat finishes. Our native plants are clearly not uniformly green, or grey-green, as is sometimes suggested.

Banksias have wonderful new growth in shades of bronze; many Callistemons and Melaleucas produce soft new leaves in shades of pink, mauve or silvery tones. The Acmenas, Eugenias and Syzygiums can be relied on to have at least a scattering of new leaves in colours ranging from bright cerise and purplish tints through again to bronze. Grey greens and even bluish tones are found in various Westringias, Melaleucas, Sedges and a great hop bush from the Glasshouse Mountains. The latter isn't always available but check at the Barung Nursery.

Some Leptospermums also have colourful new growth and we can never leave out the species and cultivars of Austromyrtus. Archirhodomyrtus, Backhousias and Babingtonias (some formerly Baeckia) have attractive new growth too. Don't forget the grasses either. Poa, Kangaroo grass and Barbed wire grass come to mind to provide useful colours and forms. There's an amazing almost blue prostrate Kangaroo grass cultivar called Mingu, not endemic but stunning in an ornamental garden.

The list can go on, but of course the garden isn't all foliage and many Callistemons can be relied on to provide a scattering of colour highlights which the honeyeaters will continue to visit. Some Melaleucas will be in flower, the Scaevolias never seem to stop and Wattle species will at least be covered in buds. If you enjoy yellow highlights at ground level, try some of the Goodenias with their bright green leaves as a foil for the flowers.

When it comes to leaf shape, a whole moderately low-level garden bed can be created from plants with strappy and cylindrical leaves, again in a range of colours, but this would require another column!

Happy gardening and have creative fun. Gardening also keeps you warm in winter.

NURSERY NOTES

Nick Willis

Greetings to Barung members old and new.

If you missed the last newsletter, or skipped the Nursery Notes to get to the better articles, you may not know of the changes in staff in the Nursery.

If you did read it or have been into Barung recently, you will no doubt have noticed the conspicuous absence of one Russell Botterell. That's right folks. Russ has moved on to greener pastures leaving me to take up the Landcare Nursery reins.

I would like to take this opportunity to thank Russell for his hard work and dedication to the job, making my transition to Nursery Manager relatively easy.

For those who haven't met myself or my able assistant Cali, come in and say "G'day". We are happy to help with any plant related enquiries or identify mysteries of the botanical kind. Being new to the job you can even take full advantage of our naivety, and offer suggestions for improvements you would like to see. After all, the nursery does belong to the Barung members.

While I am thanking people I would like to add my thanks to all who helped make this year's Barung Nursery tent at the Maleny Wood Expo such a success. To all who volunteered before, during and after the event, my sincerest thanks for making it the most successful Expo ever.

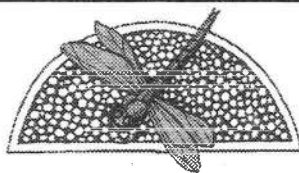
While winter may be upon us, it doesn't mean we can sit back in our dressing gowns and uggs sipping hot tea. There is still plenty of soil moisture in the ground so you can continue happily planting in frost free areas, or come and see us for advice regarding frost hardy species. Winter is our busiest time production-wise in the nursery, so anyone interested in learning plant propagation or nursery techniques is welcome to come and volunteer for a few hours or more. We are currently sowing madly for the spring plantings, so we will have lots of new plants just ready to go in the ground when the weather warms up.

Lastly, I would like to once again remind people that we are heavily reliant on local landholders to provide native seed for our propagation. If you see native fruit / seed on your property, bring in a sample (with leaves and stem) for us to identify. If you are unable to collect seed yourself we can arrange to come and collect it.

We can only grow the diversity of plants we would like if we can get the seed.

See you in the nursery soon.

**FOAM BOXES
WANTED URGENTLY**
for the nursery



Montville Mist

Still Spring Water

Joseph McGladrigan

Ph: 07 5442 9411

Mobile: 0408 522 585

MS 956 Narrows Rd, Montville QLD 4560

Email: montvillemist@hotmail.com

Bottled at the Source

NEW NURSERY PRICES

as of 1st JULY 2003

The following discounts apply for Barung members:

- 10% discount for purchases less than \$99 retail
- 15% discount for purchases between \$100 - \$249 retail
- 25% discount for purchases between \$250 - \$999 retail
- 35% discount for purchases of more than \$1000 retail

ALL PRICES ARE GST INCLUSIVE

| Pot size | Retail | 10% | 15% | 25% | 35% |
|--------------|--------|------|------|------|------|
| TUBES | | | | | |
| General | 2.20 | 1.98 | 1.87 | 1.65 | 1.43 |
| Premium | 2.40 | 2.16 | 2.04 | 1.80 | 1.56 |
| (red) | | | | | |
| Half-tube | 1.10 | 1.00 | 0.94 | 0.83 | 0.72 |

6 INCH & POLYBAGS

| | | | | | |
|--|------|------|------|------|------|
| | 6.60 | 5.94 | 5.61 | 4.95 | 4.29 |
|--|------|------|------|------|------|

Please note - 6 inch coloured pots with pictorial labels will attract a maximum 10% member discount

| | | | | | |
|---------------|-------|------|------|------|------|
| 8 INCH | 10.00 | 9.00 | 8.50 | 7.50 | 6.50 |
|---------------|-------|------|------|------|------|

| | | | | | |
|----------------|-------|-------|------------------------|--|--|
| 10 INCH | 15.50 | 13.86 | (no further discounts) | | |
|----------------|-------|-------|------------------------|--|--|

Please note - Grass Trees will be priced at \$70, \$60 & \$50 with maximum 10% discount

Please note - Staghorn and Elkhorn ferns will also attract a maximum 10% member discount

BARUNG MEMBERSHIP

costs \$20 per year for single/family memberships

The Barung Landcare Nursery relies heavily upon the support of its volunteer workers.

Any profits from the Nursery go towards Landcare education & on-ground projects in the area.



**EAT MORE CHOCOLATE TO HELP SAVE
THE ENDANGERED
MARY RIVER TURTLE**

Elusor (elusive) macrurus (long tail), was identified in 1990 after a 30 year search. The male's large rudder-like tail is unique to the species. The shy turtle prefers the deep pools of the middle reaches of the Mary River. This restricted habitat makes them vulnerable to threats from predation and habitat loss.

All proceeds will assist further research and habitat rehabilitation.

AVAILABLE BARUNG OFFICE - ONLY \$2 FOR 4 TURTLES

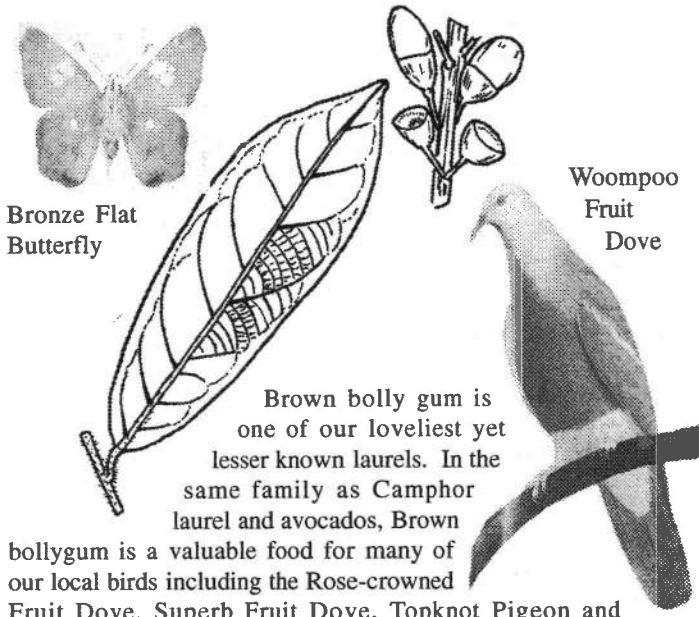
An initiative of Tiaro & District Landcare Group Inc.

PLANT PROFILE

Nick Willis

Brown bolly gum

Litsea australis syn. *leefeana* Family: *Lauraceae*



Bronze Flat Butterfly

Woompoo Fruit Dove

Brown bolly gum is one of our loveliest yet lesser known laurels. In the same family as Camphor laurel and avocados, Brown

bollygum is a valuable food for many of our local birds including the Rose-crowned Fruit Dove, Superb Fruit Dove, Topknot Pigeon and Woompoo Fruit Dove.

Growing to 20m in height, it bears masses of black fleshy fruits from September to November. Brown bolly gum is also a host to a few of our local butterflies including the Blue Triangle, Common Redeye and Bronze Flat Butterfly.

The attractive foliage of Litseas make them ideal as pot plants where they can be grown on for a few years before being planted out as advanced specimen trees.

If you were to plant only one or two nice shade trees in a yard, Brown bolly gum would have to be included.

Thanks to its long fruiting season the Barung Nursery is currently heavily stocked with Litsea. As a result, these lovely trees are on special for \$1.50 each for the month of June, so come and grab a Bolly gum and make your feathered friends happy.

Illustrations from:

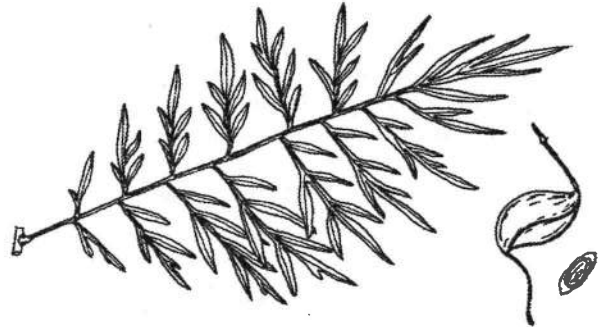
1. Trees & Shrubs in Rainforests of New South Wales & Southern Queensland by Williams, Harden & McDonald, pub'd by University of New England
2. Butterflies of Australia, by Michael F. Braby, publ'd by CSIRO Publ'g.
3. Field Guide to Birds of Australia, by K Simpson, N Day & P Trusler, publ'd by Viking, Penguin Books of Australia

LOCAL WILD & EDIBLE Bernard Murowski

Silky Oak (*Grevillea robusta*)

The Silky oak (*Grevillea robusta*) is a native plant of the subtropical rainforests of Australia's east coast and has been highly prized for its beautiful timber that is used in furniture making and coach building. It is also considered to be a bushfood plant which the many birds, animals, and insects of Australia have long enjoyed.

'Grevillea' is named after C. F. Greville, a founding member of the Royal Horticultural Society and a noted algologist, and 'robusta' is derived from the Latin 'robusta' which means strong-growing.



Silky oak seeds germinate without pre-sowing treatments, although soaking them for 24 hours in cold water will improve the germination rates. Germination can take from around one to five weeks after sowing the seeds. The Silky oak requires a high amount of light and is considered a pioneer species of disturbed sites, growing quickly to a maximum 40 metres in height.

This large, evergreen tree has been used extensively in reforestation programs, though the leaves produce an allelopathic substance that tends to inhibit the establishment of other species, including itself.

Silky Oaks are pretty hardy and grow well in a range of soils if they are well drained, including deep, soft, basaltic or alluvial loams, but it does not do well in hard, gravelly or clay soils. It will grow on neutral to strongly acid soils but does best on those that are slightly acidic and prefers a slightly dry soil. It is drought tolerant but can be frost sensitive when young.

Grevilleas have proteoid roots and so take up nutrients very effectively and can be adversely affected by the use of fertilizers that are high in phosphorous. Therefore, use fertilisers that are low in phosphorous, use mulch, or do no fertilise at all.

The flowers are loaded with nectar and are a favourite with nectar-feeding Rainbow Lorikeets in our garden. The nectar can be sucked directly from the flowers or shaken out and collected in a container. The blooms can also be soaked in some water and squeezed-out by hand to produce a sweet drink.

The plants from around my area give flavours that range from sweet honey to caramel and also butterscotch. The number of flowers that would be required to make a drink will depend on the quantity of nectar in the flowers and the quantity of water used. Do not allow to stand for too long as the taste can 'go off'.

Aboriginal men used to make an alcoholic beverage out of the grevillea drink so an enterprising person may be able to make this into a liqueur.

Illustration from - Trees & Shrubs in Rainforests of New South Wales & Southern Queensland by Williams, Harden & McDonald, published by University of New England

. CONCRETING .

DOMESTIC
COMMERCIAL
FORMWORK

Phillip Vickers
Q.B.S.A. Lic. No. 059 931

STAMPED
EXPOSED
PLAIN

Ph/Fax: 5494 2109

Mobile: 0418 882 785

BUTTERFLIES OF THE RANGE Bob Miller

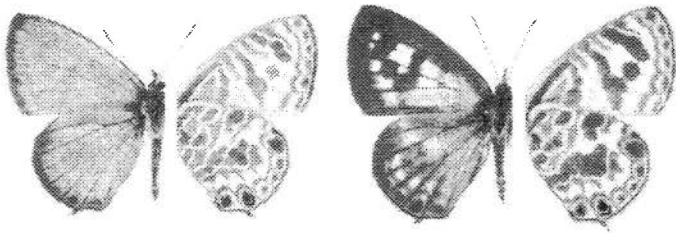
Plumbago Blue

(*Leptotes plinius pseudocassius*)

Everybody has probably noticed that there have not been many butterflies around this year.

I think the the dry conditions of the last few years have meant that the lush growth needed for the butterfly larvae has been almost non existent, and because of this, insect numbers have diminished. This is all part of a natural cycle and everything should return to normal with adequate rainfall.

An up-side to this is that, with larval numbers so low, parasite numbers also become depleted. This means that when the butterflies do return, they should be numerous until parasite numbers explode and control them.



One butterfly that is currently in abundance at the moment has a name that is about four times as big as it is, *Leptotes plinius pseudocassius*.

The Plumbago Blue is also commonly known as the Zebra Blue. The first common name refers to the fact that its larval foodplant is Plumbago, either *Plumbago zeylanica* or the introduced *Plumbago auriculata*. Both seem to be extremely attractive to adult butterflies which can be seen flying around the host plants in big numbers.

The second common name, Zebra Blue, refers to the patterns exhibited on the adult's underwings. This is actually the identifying feature of "just another one of those small blue butterflies".

The adult butterfly has a wingspan of only about 22mm.

The male is purple-blue on the uppersides of the wings, the females are a glistening blue with a whitish suffusion throughout, and both males and females have small tails.

If you already have a Plumbago growing at your place, grab a magnifying glass and have a close look over the newest flower buds. I have found that the larvae are very fond of the un-opened flowers and can be fairly easily found on them.

The larvae are either green or a pinkish-brown colour with a darker stripe running from head to tail on their backs. They look a bit like coloured maggots - sorry about that description, but they do!! The larvae are about 9mm when fully grown.

The pupae are mottled caramel in colour with small brown spots. They are found suspended upside-down, attached to a stem of the foodplant by the tail and a central-silken girdle.

The adults are on the wing most months of the year.

Further information on this or any other butterfly can be had by referencing "Butterflies of Australia" by Michael Braby, 2000.

Illustrations from *Butterflies of Australia*, by Michael F. Braby, published by CSIRO Publ'g.

THE WEED REPORT

Lin Fairlie

All that flowers is not gold

At this time of year, the Blackall Range roadsides are bursting into bloom with two types of 'spectacular' yellow flowers. Have you seen them? Where are they? What are they?

Residents on the northern end of the range will immediately think of the Japanese sunflower, *Tithonia diversifolia*.

This vigorous grower has taken over sections of roadsides particularly along the Dulong hill near Nambour.

So what is the problem?

Where an invasive species becomes this widespread, it will readily displace native vegetation and even other less threatening weeds. As a result, the many small patches will, over time, spread to occupy much larger areas. This is apparent on the Dulong hill stretch.

On the roadside into Maleny there currently are six patches of sunflowers which have been increasing in size each year.

Fortunately Caloundra City Council, and Maroochy and Caboolture Shire Councils plan to develop a joint weed program that will hopefully ensure these small infestations are addressed before spreading further. But that is in the future. What about now when they are in full flower?

Japanese Sunflower, like many other members of the Asteraceae family, produces many seeds. To make matters worse, it appears to also spread vegetatively. It can be controlled to some extent in the home garden, but once 'out' on the roadsides, with no-one to care, the problem magnifies. Therefore, it is probably best if garden plants like Japanese sunflower are replaced by others with more environmentally friendly habits.

Cape Ivy



The other yellow-flowered species, highlighted in the June/July 2002 Barung Newsletter, is Cape Ivy, *Delairea odorata*.

This vigorous creeper can currently be seen forming dense curtains of flowers and foliage over hedges and even tall trees.

It spreads by fine, wind-blown seeds but even small stem pieces will root. Cape ivy is often not noticed until over neighbouring plants.

Control of both above species is not easy once flowering has occurred, due to their prolific seed production.

Small infestations of Japanese sunflowers are easy to control by cutting and bagging all flowers and either digging out the roots or spraying the stems and leaves.

Cape Ivy is more difficult to treat. Small infestations can be dug up leaving as much cut vine as possible off the ground to wither and die. However, keep an eye out with this technique. For large infestations, cut stems at waist height and lay out to dry. Spray cut stems. Any vine pieces remaining in trees may still be a problem.

Both plants can infest your property so controlling roadside infestations near you may prevent much larger problems later.



Revegetation on the Range beyond NHT

Marc Russell
Revegetation and Habitat Officer

For the past five years or so, much of Barung's funding for revegetation staff and on-ground work has come from Environment Australia's Natural Heritage Trust. This has been a great boost to local revegetation work and education, with many sites on both public and private land becoming established.

Despite the fact that two of Barung's projects were selected as priority projects for SEQ in 2002, and we filled in the relevant paperwork on NHT advice, further funding is looking at best, possible, and at worst, not happening. Unfortunately we cannot properly plan ongoing work, seek further labour forces or manage volunteers if we do not have any project officers.

While funded programs provide opportunities for increased revegetation in the area, it does seem to direct much of Barung's energies away from issues that we feel are important. We are often too busy chasing figures, reporting on our activities and applying for more funding to focus on our real priorities, such as service / support of members and quality education time for Barung volunteers.

On the positive side we have been doing our best to create a more generic revegetation position (at least two - three days per week), which is not tied to federal government outcomes, so will allow us to offer better service to the local community. Barung's nursery, Expo funds, local councils and local businesses are all potential sources of finance to help fund this position.

We hope to carry out more extension work on members' properties, run more formalised training in the nursery and on revegetation sites, and more seed collection to increase our diversity and plant numbers. We also aim to provide some support workers, such as volunteers and labour market schemes to boost the efforts of members undertaking revegetation projects.

While often difficult to come to grips with changes in our lives, when we look back, we realise that these changes are usually for the best and are an important part of our development. It could be considered a problem that our funding has been cut or axed, but ultimately I believe it will lead to us being more self sufficient and ultimately offer better service and more positive educational outcomes.

By the time the next newsletter comes out we should be a lot clearer on our options and objectives, so we will keep you all up to date on any changes that may benefit you as either a landholder or a volunteer.

In the meantime, enjoy this fantastic planting weather and if you aren't already doing it, now is a great time to get on top of those weeds.

.....
Want to borrow the Sidewinder??
Woody weed problems??

Ring the office and put your name on the list
 & we will let you know when the next training session is.
Training run on demand now, so let us know!

Frog Hilton - Young people learn new skills

W T Wadsworth (Wadzy)

A team of young people have been working with Barung Landcare for the past few months on a Green Corp program, sponsored by the Federal Government through Greening Australia.



Lantana Leeches & Ticks: The team participants have planted trees, maintained existing Barung sites, pulled many weeds which of course includes (their loved) lantana. Ticks and leeches have been the less glamorous part of the project with a few comical times, when the humble leech caused a bit of frivolous entertainment for the team leader!

Permaculture Course: As part of their projects, participants are doing a permaculture course. Participants laid out a large (half a football field) mandala garden at the Maleny State Primary School for a possible latter project. Teachers and students were able to walk around the area and give feedback. Participants are also building a permaculture garden at Barung.

Community Project: The team's community project is a display native/permaculture garden next to the Barung Nursery. The land is very swampy and was covered in weed. As Bill Mollison once wrote "the problem is the solution" and we have built a luxurious (Hilton) frog/crayfish pond!

Participant team members have done a few different designs for the garden. Thus far they have cleaned up the site, mulched and planted the front area with native shade tolerant plants, designed the garden area and built the first frog/crayfish habitat pond. The next step is to finish the frog/crayfish pond area and create a pleasant area for community use.

Big thanks to everyone who has donated to the community project:

- ✓ Ready Mix: sand and gravel,
- ✓ Greening Australia: cement,
- ✓ Barung Landcare: plastic, hessian, timber, potting mix and plants,
- ✓ Maleny Landscape Supplies: gravel and cement.

To date the garden has been built on a shoestring budget and team members have been developing their recycling skills. They are also learning the art of finding value from assets people throw away.



We hope to have the Frog Hilton and garden finished for community enjoyment and education by the end of the current project in August.

EXPRESSIONS OF INTEREST SOUGHT FOR PROJECT FUNDING APPLICATIONS

Landholders in the Lake Baroon catchment area are invited to submit Expressions of Interest for applications for funding for work to be carried out in the 2003-2004 financial year.

Funding may be provided for projects to enhance water quality within the catchment.

Projects such as the fencing of riparian areas (the area around water bodies) to control stock access, installing off-stream watering points, hard surfacing of lane ways and watering points, cattle crossings, and the revegetation of riparian areas will be considered.

Conditions apply.

While applications are accepted throughout the year subject to available funding, early expressions prior to 30th June are recommended.

Tree Talk

Tony Wootto

Hello again, tree people.

Well, winter is upon us, which means it is an excellent time for cutting back trees and plants that you want to stay pruned back at least until the Spring growing season, by taking advantage of the reduced growth rates in winter.

I have been having a wonderful time doing some highly selective pruning on some large trees to open up viewing windows for some of our Rangetop residents.

This is really enjoyable work because it involves using all my high climbing skills and careful pruning techniques resulting in minimal wounding of the trees. Careful selection of the limbs to be pruned means that very little material has to be removed for maximum effect.

The vistas that have been opened up to certain vantage points from people's dwellings have been nothing short of breathtaking, with the natural beauty of the carefully pruned vegetation in the foreground only adding to the picture that is presented.

This type of operation is at the zenith of pruning work for a spikeless climbing arborist, often incorporating the use of hand-held walkie-talkies to enable clear communication between the climber and the viewing position.

Initially some careful, informed consideration is required regarding the health and structure of the trees involved before making a decision about which parts are to be removed, resulting in an initial plan of attack.

Once pruning is commenced and the view begins to open up, this plan may be modified as limbs are artfully removed or left to complement the scene.

The joy of working with our local trees combined with the enjoyment of the views that are revealed make me feel very lucky to be engaged in this kind of work.

Until next time, Touch Trees.

Australian Government Envirofund Grants

CLOSING DATE - JULY 4TH 2003

Applications for up to \$30,000 for on-ground natural resource management projects are now being called for.

Projects relating to:

- biodiversity conservation
- sustainable use of natural resources
- community capacity building & institutional change may be eligible.

The application and reporting process is relatively straightforward.

Forms available or www.nht.gov.au

HAVING A PARTY? NEED A MARQUEE?

Thanks to a new arrangement with as a result of the 2003 Wood Expo, Caloundra Party Hire has agreed to give a 10% royalty on all services to Barung Landcare.

So contact **SUNSHINE COAST PARTY HIRE** on 5493 7612 for all your party needs, & mention this ad to support landcare in your area.



THE FARM BARN TOWN & COUNTRY

19 MACADAMIA DRIVE MALENY

OPEN SEVEN DAYS - DELIVERY SERVICE AVAILABLE

- | | | | |
|--|------------------|------------------------|-------------------|
| PHONE 5494 2307 | * OIL | * STOCK FEED | * SLEEPERS |
| | * GREASE | * AVOCADO CARTONS | * POTTING MIXES |
| Mon - Sat 7am to 6pm | * U.L.P. | * WORK BOOTS | * TREES & SHRUBS |
| | * FUEL | * RURAL MERCHANDISE | * MULCH HAY |
| Sunday & Public Holidays 8am - 3pm | * KERO / TURPS | * POLY PIPE & FITTINGS | * PAVING SLABS |
| | * LP GAS REFILLS | * FERTILIZERS | * PLANT SEEDLINGS |
| | * BOTTLED GAS | * FENCING SUPPLIES | |
| | * BP ZOOM 25 | | |

THE ONE STOP TOP SHOP

FENCEPAC

"We do it all"

ALL ENQUIRIES WELCOME

Ph: (07) 5456 2222
Fax: (07) 5477 1991

PO Box 1097
Buderim 4556

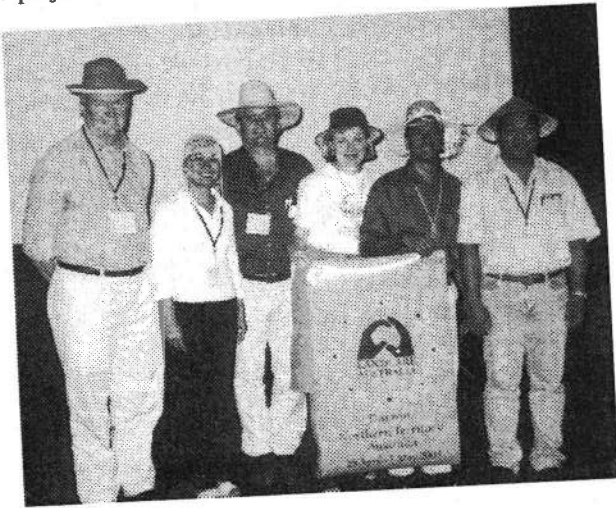
154 Maroochydore Rd, Kunda Park 4556

Hot off the Press from the 2003 National Landcare Conference, Darwin

John Muir
Project Officer, Farmcare - Landcare in Horticulture

While Barung was delivering the biggest and best yet Wood Expo, I had the pleasure of attending the National Landcare Conference in Darwin with a joint paper presented on the "Reflections on the Philippines ACIAR Landcare Project". We also provided three Barung poster displays: on the Wood Expo, the International Landcare Project and the Southeast Queensland Farmcare - Landcare in Horticulture Project.

Our project team facilitated several International Landcare side events with more than 60 international delegates including 18 from our Philippines project and 15 from South Africa.



The first USA delegation of 15 people highlighted to us all the power and value of such a strong national icon as the 'Landcare Hands' for unifying and identifying an overriding conservation /environmental /sustainable production movement, with associated 'land ethic', or, as indigenous groups up north are calling it, a 'Connection to Country', for both producers and consumers to relate to!

Dr Brian Roberts promoted the 'Landcare Ethic' and culture needed and provided by landcare on the enviro front, stressing that this ethic be embedded in schools and across our whole society. Brian is piloting a Douglas Shire 'Ethical Futures' initiative with CSIRO and Council, similar to that which the Blackall Range Institute (BRI) here could do, with partners such as Barung, MCF and LBCC etc.

Bruce Lloyd, Chair of the Australian Landcare Council, in his keynote address surprisingly highlighted the need (and challenge) for Landcare and Catchment care to address the increasing landcare-related issues in peri-urban areas of Australia where most of our population and consumers live. He cited the Sunshine Coast as an example of sprawling cities resulting in the loss of prime agricultural land and the need to come up with new sustainable alternative farming systems in those areas.

Ecosystem Services (consumers paying the 'real' cost of food), Triple Bottom Line or Livelihood issues (or "Triple Bottom Line plus 2" - including Governance/Politics and Culture), and "How food is costing the earth (literally)" were all high on the conference agenda. However I am not sure if the politicians were listening!

It was noted that consumers are prepared to pay for that which is good for them as individuals e.g. personal health and nutrition, but that it is harder to sell them the wider clean and greener 'product

initiatives' - hence organic produce mainly meeting the demand for healthy and nutritious food.

So, a better way to sell the broader enviro sustainability issues (soil, water, vegetation and air) may be by making connections such as:

clean food = healthier people = healthy communities = healthy landscapes & livelihoods!

i.e. what is in it for the individual consumer, rather than some warm and fuzzy gut feeling about the environment!

Environmental Management Systems (EMS) using the ISO14000 standard was considered an unachievable goal for most growers, due to the high investment of time and money and onerous record keeping nightmare without associated market advantages. A scaled-down industry self-audit was recommended for most growers e.g. grass roots Best Management Practice and Codes of Practice using existing Property Management Planning initiatives such as our Farmcare project, combined and linked with regional and catchment priorities and targets such as Jock Douglas's Australian Landcare Management System, Maroochy 'Land Plus' 'Farmcare' type industry initiatives etc.

With the current regionalisation natural resource management, there is a perceived threat to, or loss of, grassroots landcare initiatives. We need to keep the existing links and not start new bureaucracies or boundaries, or we risk losing the social capital of the 10+ good years of the Decade of Landcare. We must build from (and not break down) existing networks and energy. However, it seems that Government have still not listened to this feedback over the last 12 months. Maybe "Landcare is now in our hands".

As a result of the above, I believe that Barung has to reinvent to align with a sub-regional and headwaters organisational approach (e.g. Blackall Range Institute) to be able to connect better with the regional groups that will govern Natural Heritage Trust Mark 2 and NAPSWQ funds. This means close liaison with groups from the Pumicestone Passage, and the Mary, Maroochy, Mooloolah, and Brisbane (Stanley/Kilcoy) Rivers.

Several International Landcare workshops facilitated by our team helped identify future opportunities and actions necessary to progress on this exciting front, both nationally and internationally eg. Philippines, South Africa, East Timor, USA and Indonesia. The politics of who should fund international landcare coordination and partnerships was humorous to watch inside AFFA. AUSAID, Australian Landcare Council, Landcare, Landcare Australia Limited, USAID and Australian Center for International Agriculture Research were all mentioned.

Several national ABC radio programs were broadcast by our team in Darwin, with the international theme that healthy neighbouring country communities with sustainable rural livelihoods will result in greater global peace and prosperity for all i.e. sustainable landscapes and livelihoods.

"Landcare Is People Care"



FARM FORESTRY NEWS

Farewell note to Private Forestry Southern Queensland (PFSQ) members Laurie Capill

I would like to take the opportunity to briefly say 'Adieu' with respect to my role as Coordinator of PFSQ.

I have been intimately involved with PFSQ since 1996 when the Department of Primary Industries and Energy (now AFFA) first proposed the establishment of Regional Plantation Committees in the key forest-growing regions around Australia. I suggested to Peter Byrne that QDPI should initiate the establishment of such a committee in southern Queensland, and was subsequently assigned to set up the Southern Queensland Farm Forestry Development Committee. Subsequent years have seen the organisation move progressively through the 'forming, storming and norming' phases typical of many new organisations, as the organisations and the people within them work out just where they fit, in terms of teamwork and collaborative relationships, human and financial capacity, political power and influence etc.

I have found this experience both challenging and rewarding.

Challenging because:

- My background is in natural resource sciences, whereas the issues facing us have been mainly socio-political and organisational;
- The PFSQ area is large and diverse, both geographically and socially, with many different forestry issues and opportunities and a host of stakeholders and interests; and
- PFSQ's capacity is very modest compared with the task at hand, both financially and in terms of the capacity of its members who mainly contribute on an entirely voluntary basis.

Rewarding because of:

- The knowledge and understanding I have gained of so many aspects of the industry and its development context;
- The large network of friend and contacts I have developed, and the opportunity to work with all of you in our common interests; and
- The opportunity to provide information and encouragement to so many people about private forestry development.

I remain convinced that Private Forestry - and Farm Forestry in particular - will become increasingly important throughout Australia during the forthcoming decades:

- The inevitability of increasingly expensive fossil fuels will see wood become THE preferred source of energy and also increasingly appreciated as a material suited to a wide range of applications.
- The greenhouse effect and regional natural resource management issues will drive the reforestation of much of the Australian landscape, with the economics founded on the value of environmental services as much as it is on the sale of wood products.
- At the farm and personal investor level, forestry will be appreciated for its positive, long-term market performance and its ability to complement farming and lifestyle options.
- The proven economic multipliers associated with the entire forestry-wood-processing sector will reinvigorate regional economies.

I'm handing the reins to Ken Matthews, who I'm sure will prove to be as tremendous an asset to PFSQ as he has been to Greening Australia Qld.

Ken has a very sound knowledge of the timber industry, and is pro-active and innovative in his thinking. However, I would caution PFSQ members not to sit back '... because Ken is taking care of it'.

The ultimate strength of PFSQ will be found in the active contribution of the entire membership. This is a critical challenge for the Association as it moves into the next stage of its evolutionary path - 'Performing'.

As to my future, I will be working until late June with DPI, reviewing Local Government Planning Schemes with respect to how well they accommodate private forestry development opportunities.

I am keen to get out from behind the computer screen where I have been cloistered for too many years. I am planning on renovating and extending my house, setting up a wood-working shop in the backyard and playing around with my bandsaw mill.

I am starting a small consultancy called Forest First, and hope to focus on providing property and forest planning services, including inventory. I would like to remain involved as a PFSQ member.

In conclusion, thank you all very much for the opportunity to work with you, and for the confidence, support and encouragement you have given me over the years.

Please note my new contact details:

Laurie Capill,

QDPI, Ph 07 3239 3308 / Laurie.Capill@dpi.qld.gov.au

Forest First, Ph 07 5494 1923 / 0423 046 684

forest.first@optusnet.com.au



Rob and Samantha Outridge

IGA Supermarket

* FRUIT & VEGETABLES * DELICATESSEN * MEAT *
* HOME DELIVERY SERVICE * 7 EFTPOS LANES *

26 Maple Street, Maleny

Phone: (07) 5494 2257 Fax: (07) 5494 2767

Maleny Amcal Pharmacy
for all your health & beauty needs for life.

| | |
|----------------------------------|-----------------------------|
| * Prescriptions | * Golden Casket Agent |
| * Vitamin & Skincare Specialists | * Naturopath available |
| * Photo developing & printing | * Day spa beauty treatments |
| * Delivery service available* | * Passport photos available |

(Conditions apply)

OPEN 7 DAYS
8.30am to 6pm, Mon-Sat
9am to 1pm, Sun

Ph: 5494 2332 Fax: 5494 3059

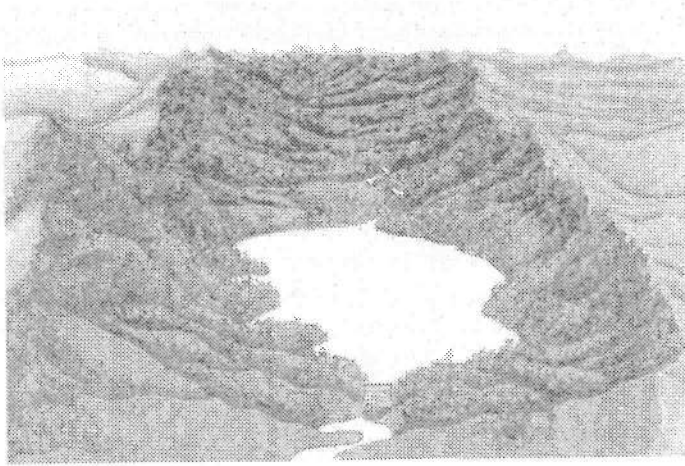


OUR WATER

Kym Stanton

What is a catchment?

The area of land drained by a creek or river is called its catchment. Everyone who lives on land lives in a catchment. The ways in which we live and work in these catchments affect the quality of the water that drains into these waterways. Because they are recognisable areas of land, and are divided from each other by watershed boundaries, catchments are useful land and water management units.



Land Use loading rates

Have you noticed how clean everything looks after a storm? This is because the rain has washed the landscape. This rain becomes 'stormwater' that runs off into the waterways, taking with it litter, sediments and suspended and dissolved pollutants. The types of litter and pollutants vary depending on the nature of the land and how that land is being used.

The quantity of nutrients, sediments or pollutants running off a particular piece of land over a given period of time is called its loading rate. It varies depending on the type or types of land use. Surfaced urban areas (e.g. roads and car parks) have the highest loading rate and cultivated land contributes more than does pasture.

As populations increase, so do urbanisation and the intensity of agricultural land-use to feed these people. As a result, more nutrients and sediments are entering the affected waterways.

Pollutants from point and non-point sources

Pollutants contaminating a stream catchment can come from a defined point source or from throughout the catchment generally. These are known respectively as point source and non-point source pollutants.

Point sources include effluent from rural industries such as meatworks or wood pulp factories; non-point sources include poorly maintained septic tanks, fertiliser runoff from agricultural areas and oil that has leaked from cars onto roads.

Point sources of pollutant loadings are easier to control than non-point sources. Point sources such as sewage treatment plants and meatworks are licensed by the government and controlled by legislation and regulation. In the past, however, licences issued for these point sources of pollutants did not lay down strict condi-

tions to protect the environment, particularly the waterways.

As pollutants from non-point sources come from dispersed locations throughout the catchment, many different individuals and groups may be involved. In many different cases, all the people living in that catchment may be responsible for pollution. The sediment comes from land developments, forestry areas, building sites, farms, roadworks, and backyards - a whole range of places and activities throughout the catchment. There is no single solution to this problem.

Approaches to Catchment Management

Over recent years, catchment management has emerged as an important part of natural resource management. It is a systematic attempt to resolve competing demands for land, water and vegetation resources using stream catchments as the fundamental unit for the planning and management of natural resources.

As a society we are generally quite skilled at managing land and water for a specific use. We are not so skilled at managing land, water and vegetation resources for multiple outcomes. Catchment management is about balancing the competing demands of all the groups involved and the needs of the natural environment.

Catchment management groups have formed in all parts of Australia. These groups are made up of industry, community and government agency people interested in maintaining and improving the ecological, social and economic health of the catchments in which they live and work.

They hold public forums on catchment management matters. They provide advice to all levels of government on ways to resolve catchment management issues. Their members are involved in education and awareness programs, in supporting research, in undertaking on ground action, monitoring and evaluation projects.

Catchment management groups use a strategic planning approach - going through a process of issues and opportunities identification, action planning, implementation and evaluation to undertake this work. Although this co-operative approach takes time to produce results, it can make a real difference to the condition of our catchments.



From the Editor: Due to lack of funding, this is the last "Our Water". I would like to thank Kym and CalAqua for their contribution to increasing awareness of water issues within the region.

Country Stores

CORAL STREET, MALENY

Phone 5494 2302

- * STOCKFEED - bulk or bags
- * FENCING MATERIALS
- * FARM CHEMICALS
- * FERTILISERS & GENERAL HARDWARE
- * ALL DAIRY FARMERS' PRODUCTS
- * SHELL FUEL - SUPER, UNLEADED, DEISEL

24 Hour Service - 7 Days for Card Holders

THANK YOU TO EVERYONE WHO HELPED WITH THE 2003 EXPO

- a truly magnificent effort

Marion Adamson
Amber Alley
Nathan Andrews
Lin Audley-Coote
Norman Austin
Jake Austin
Glenys Ayling
Faith Baigent
Douglas Bailey
Susan Bailey
Karen Barnett
Frank Beattie
Geoff Behneken
Michael Berry
David Binstead
Karen Binstead
Jennifer Birbeck
Brooke Blanch
Susan Bonar
Wyn Boon
Booroobin School
Russell Botterell
Chris Bourke
Debbie Bourke
Bernie Boyer
Miki Bradley
Michelle Bray
Peter Bray
Alex Bridge
Joe Brisick
Ward Brisick
Lyn Bromet
Julie Brown
David Brown
Marianne Brown
Trish Brunton
Peter Brunton
Ian Bryce
Brionie Buchanan
Eliza Burfein
Dennis Burn
T Cafarella
Lorraine Cannell
Laurie Capill
Enrico Caruso
Fontana Caruso
Sheryl Caston
Rodney Chalmers
Linda Chalmers
Anna Chetwynd
Tess Chiarotto
John Chiarotto
Pauline Clayton
Alex Clarke
Andrea Cleverly
Marylou Cole

Don Cole
Vivienne Coleman
Peter Cosgrove
Gwen Cosgrove
Des Cosgrove
Jim Cox
Mirella Cundill
John Cundill
James Davidson
Graham Day
Barbara Day
Joan Dillon
John Dillon
Linda Dodd
Colin Dodd
Cathy Donohue
Tom Duggan
Kimberley Duncan
Penny Edwards
Peter Erdmann
Gretchen Evans
John Evans
Cameron Fairlie
David Fairlie
Lin Fairlie
Tony Farrand-Collins
Raechelle Foote
John Fox
Kate Fraser
Mitchell Fraser
Paul Fraser
Viv Fraser
Desley Fricke
David Gardiner
Jenny Gibson
David Gole
Elaine Grant
Inga Green
Elaine Green
Anna Grosskreutz
Marian Guidon
Claude Guidon
Les Hall
Leslie Halliday
June Hammond
Leigh Henderson
Tim Hiddle
Francis Higgins
Kim Hinkfuss
Marcelle Holdaway
Peter Hollartz
Craig Hosmer
Ian Howie
Rod Hyde
Linda Ivezic
Trish Jacobs

Jill Jordan
David Kemp
Irene Keton
Ferdie Kropfen
Lindsay Kruger
Fiona Lawley
Victor Leary
Jon Lee
Julie Lehmann
Barry Liddell
Gaby Luft
Pam Maegdefrau
Bernadette Maile
Carolyn Male
Marek Malter
Pam Marsden
Shirley Marsh
Peter Marsh
John Martinkovic
Ted McCosker
Helen McCulloch
Ian McElhinney
John McGuire
Bronwyn McIntyre
J McKeough
Gillian McLeod
Neil McLeod
Tracey McNab
Mary Meadows
Kelly Murphy
Simon Murray
Raylee Myers
Barbara Nye
Don Neuman
Sally O'Scanail
Peter Oliver
Pamela Owens
Rob Parker
Gillian Pechey
Nathan Perri
Brad Platz
Bob Potter
Eunice Prickett
Ted Prickett
Sue Railton
John Railton
Daryl Reinke
Rod Richards
Yvonne Richards
Mark Ricketts
Penny Riddoch
Mavis Robb
Natasha Roberts
Josephine Robertson
Emma Robertson
Josephine Robertson



Priscilla Rose
Helen Rosenbaum
Matt Roy
Marc Russell
Clare Russell
Cali Salzmann
Sue Saunders
Bob Scopes
Eve Scopes
Gary Scott
Ashley Sewell
Annette Sinclair
Judith Sinnamon
Karen Shaw
Rodney Skerman
Max Smith
Paul Smith
Dick Snell
Frances Snell
Bridget Sparks
Ken Spring
Emily Spring
Thomas Spring
Heather Spring
Ken Spring
Emily Spring
Sue Starling
Graham Steel
Helen Steele
Fiona Stevens
Peter Stevens
Clay Stokoe
Martin Storey
Joie Sumby
Carly Swain
Rob Swales
Jodie Swales
Gary Swanson
Debbie Taylor
Lloyd Taylor
Leon Taylor
Margaret Thompson

Michael Thompson
Peter Thompson
S Thompson
Jan Tilden
Lionel Tilley
Angela Todd
Jo Todd
Tom Trampneau
Ros Trevillien
Michelle Tuck
Al Tudorin
Peter Van Milne
Fern Veit
Paul Veit
Kate Vickers
Phillip Vickers
Rick Vickers
Wayne Wadsworth
Jonathan Waites
Doug Wakeling
Peter Wakeling
Pam Walker
Alan Walker
Pat Weaver
Vic Weaver
Robert Webber
Roger Westcott
Steve Wheeler
Max Whitton
Cheryl Wickes
Colin Wilkinson
Brad Williams
Ian Williams
Nick Willis
Benjamin Wilson
Bruce Wilson
Corrie Wright
Kevin Wong
Wanda Wong
Don Wood
Tony Yorkston
Tom Zimmerman

VOLUNTEER NEWS

Colin Hastie has been a regular Wednesday volunteer around the Barung nursery for just over two months. During this time, many hours have been spent engaged in conversation around the potting bench (still hard at work!) with Colin often providing entertaining and lively discussion.

Colin has also used his many skills to construct a much needed rat-proof germination area, as well as general nursery production including staking our 2000 or so baby Richmond Birdwing Butterfly vines. When he let it slip that he is a qualified plumber we quickly had him fixing everything from leaking taps to refitting aging irrigation systems.

Colin has rapidly become another of our invaluable volunteers we would not function without. Cheers Mate!

Thank you to ...

... Shane Watson for donating such a superb painting as a fundraiser for local Landcare

... Paull Smart, retired Green Reserve member for his inspiration for the Landcare Paddock fence

... Max Smith, Green Reserve for fixing the office/meeting room door and for his fantastic organisation of the Expo/Education container - pre & post was so much easier!

... Mirella Cundill, Barry Liddell, Elaine Grant, Julie Brown, Linda Ivezić for the April/May Newsletter mailout in the midst of the Expo chaos

... Cali Salzmänn, Stefanie Campbell, Elaine Green, Peter & Trish Brunton, Lin & David Fairlie, John Muir, & the Green Corps girls for helping with Barung's Maleny Show display

... Rob Outridge for donation of 20 wire carry baskets which will really come in handy in the Nursery

... Julie Brown for feeling so appalled at the state of the Barung photocopier, and Phil Brown for coming up with a solution - a new second hand Ricoh machine! Thank you both for this fantastically generous support of Landcare.



Dear Mim,

Just checking to make sure you received my June 6 email. Thanks again for the wonderful job you did organizing the Barung Expo last month. The three days of expo displays, farm forestry talks, and afternoon tours are some of the most memorable of my trip. Outstanding!

As promised, I've put together a CD of some expo photos for you that I am mailing to you today. For Laurie and others I've posted the photos to a private web page at: <http://www.agroforestry.net/BarungExpo2003/>.

I hope you enjoy the photos and that you can use them to support your excellent programs.

With warm regards, and many thanks,

Craig Elevitch
Director, Agroforestry Net, Inc.
P.O. Box 428,
Holualoa, HI 96725 USA
Tel: 808-324-4427; Fax: 808-324-4129
<http://www.agroforestry.net>

LETTERS

Dear Friends,

The Directors of Genesis Management Pty Ltd and the Genesis Foundation Management Committee held their Annual General Meeting at 2pm Saturday 14th June at Crystal Waters.

Genesis Foundation is a not-for-profit environmental trust established by the late Stewart Sherwin who lived the last years of his life at Crystal Waters. Its goal is to increase awareness of and education about sustainable ecology and sustainable community. The Foundation is a Registered Environmental Organisation, able to receive gifts and fully tax deductible donations. Stewart also gifted the Foundation with two properties in the Conondale district, and a large library on many aspects of sustainability, and other assets. The Foundation is managed by its Trustee, Genesis Management Pty Ltd, and overseen by a Public Fund Management Committee to ensure the resources of the Foundation are applied in ways that are in the public interest.

In order to fulfill its goals, The Genesis Foundation needs your support. In particular, we need more people to be actively involved in maintaining the organisation, developing its property resources, promoting its ecological vision, and implementing projects that will help manifest that vision within our community.

If you would like to contribute to the work of the Genesis Foundation, please contact me for background on our present situation. Should you be interested in being a member of either the Genesis Board or of the Public Fund Management Committee, then please contact me.

Your interest and support is appreciated.

Laurie Capill (for the Genesis Foundation)
16a Cribb St, Landsborough QLD 4550
(07) 5494 1923 or 0423 046 684
capill@optusnet.com.au

Dear Mim

Please find enclosed cheque for deposit on same Expo site in 2004. Being our first year, it was an eye opening experience & it will be a pleasure to return next year for more of the same.

We found the professional way in which you organised & ran this event made it the absolute & resounding success that has been a pleasure to be part of.

regards

Michael Lockrey

Micfee (Furniture with a difference)

Editor's Note: Michael's congratulations are, in fact, owing to all involved in the superb coordination of the event, not just myself.

BELLTHORPE PROGRESS ASSOCIATION

invites you to see the work done to date on the Bellthorpe Environmental Reserve thanks to Commonwealth Govt Envirofund grant.

JOIN US FOR AN OPEN MORNING
8 - 11AM, SATURDAY 5TH JULY

Plant Recall!

Daryl Reinke

Barung Landcare sells local native plants, knowing that this choice is best for our environment, and that there is a beautiful choice for every situation.

Very occasionally, something goes wrong. To make sure that any mistakes are corrected, Barung has a long-standing policy that it will notify the public of any mis-identified plants and offer replacements.

Some months ago, a member donated seed from a plant bought from another nursery as koala bells (*Artanema fimbriatum*). Barung propagated the plants, and sold them believing them to be koala bells. As they matured and began to look unlike the true native plant, the Queensland Herbarium was asked to confirm the identification. To our dismay, they advised the plant was actually *Ruellia malacosperma*, a potential weed of our waterways.

The plant is a low growing herb, with reddish stems and single purple/magenta flowers, while the true koala bells has green stems and a multi-flowered stem with pendulous purple or occasionally white bells.

If you bought any of these misidentified plants from Barung, please destroy them, and any seedlings that may have sprung up around them. Please bring a sample of the destroyed plant into the nursery and select a replacement(s). At the moment we do not have any native koala bells ready for sale, but cuttings are on the way, so if you want this plant you will be able to put your name on a list to await their maturing to planting size.

Barung apologizes wholeheartedly for this error. We have taken steps to guard against any repetition by requiring that a plant sample also be provided when donating seeds to verify the exact species.

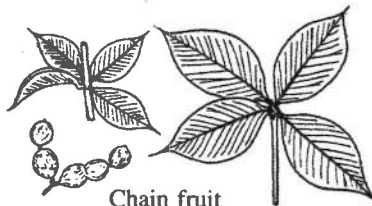
If you are not already a Barung seed donor, please consider becoming one as this makes a vital contribution to maintaining genetic diversity as well as the diversity of species on sale in the nursery. Just remember that there are restrictions on collection of seed of rare and endangered species, and that you must have the permission of the owner before collecting seed from any property other than your own. And remember to bring the seeds together with a large enough sample of the plant to show the true leaf form. For a plant with compound leaves (multiple leaflets forming a single leaf) the sample must include several of the compound leaves.

IF YOU WOULD LIKE TO RECEIVE YOUR NEWSLETTER ELECTRONICALLY, PLEASE EMAIL YOUR REQUEST TO BARUNG barung@sun.big.net.au so we have your correct email contact.

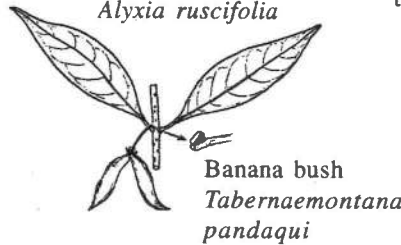
Sweet Dreams

cont'd from p 16

Some night/evening perfumed flowers are Wilkea - *Wilkea macrophylla*, Native jasmines - *Jasminum sp.*, Mat rushes - *Lomandra sp.*, and Musk wood - *Alangium villosum*.



Chain fruit
Alyxia ruscifolia



Banana bush
Tabernaemontana pandaqui



Native currant
Carissa ovata

The flowers of the night are often white to reflect whatever light is available ie. "by the light of the silvery moon". Flowers aimed at the moth demographic are often small simple flowers such as Chain fruit - *Alyxia ruscifolia*, Banana bush - *Tabernaemontana pandaqui* and Native currant - *Carissa ovata*. Flowers aimed at the larger mammalian pollinators such as flying foxes, possums and many other nectar-loving marsupials often carry a larger reward of nectar to satisfy these sugar-hungry mammals. These flowers are brush-like in design to cover the snouts of the foraging animal in pollen. Flowers of the family Myrtaceae such as *Eucalyptus sp.* and *Syzygium sp.* are typical of the flowers designed to attract mammals.

Crucial to the health of most forests is their relationship with mycorrhizal fungi. Mycorrhizal fungi actually engage in a symbiotic relationship with plant roots whereby they form a protective sheath over the plant

roots and make more water and trace elements available to the plant through their hyphae (a fine network of tissue, that comprises the fungi feeding organ). In return, they receive carbohydrates from the plants.

What has all this got to do with the night time activities of the forest, I hear you say? Now here's the really amazing bit! Some of the mycorrhizal fungi have truffle-like fruiting bodies. These truffles are an important food source for about 37 native mammals including wallabies, bandicoots, rodents, potoroos and bettongs. The nocturnal bettongs and potoroos are specialist truffle eaters. Bettongs in particular have a specialised digestive system for making the most of the truffles they eat. The spores of truffles pass safely through the digestive systems of the animals and are deposited in a neat little fertiliser package ready to colonise new ground. These animals are crucial to the spread of some of these mycorrhizal fungi and in turn the fungi are crucial as a food source to the animals. What a wonderful case of mutual benefit!

However, what happens when small marsupials such as the bettongs and potoroos become extinct in an area, due to habitat loss and feral animal predation?

It could be speculated that not only do we lose some of our wonderful local fauna but that mycorrhizal fungi populations will be affected by the loss of their main dispersal agent. Flowing on from that, tree health will be affected. The old analogy about ecology being like a spider web becomes more and more relevant in a story like this, because removing one thread often has serious effects on all the other threads and the web as a whole.

So we must all do what we can to maintain the diversity of our local ecosystems and be awed and thankful for the amazing local environment that we live and work in.

References:

- ✓ Wildlife of Greater Brisbane, QLD Museum Publication
- ✓ Tropical Topics, Wet tropics Management Authority
- ✓ Thanks to Les Hall for his information re. flying foxes and eucalypt pollination and Jim Reside for his information on the importance of small marsupials and truffles.

Illustration from - *Trees & Shrubs in Rainforests of New South Wales & Southern Queensland* by Williams, Harden & McDonald, published by University of New England

Sweet Dreams

Spencer Shaw

When the sun goes down at the end of the day, what happens in the forest?

Many of us may think as we settle in for the evening that plants will also be taking it easy during the night - the hard day's work of photosynthesis is over and surely it's time for them to stand tall and relax! But this isn't the case. In the forest things are often just getting started - life for the trees is one big around-the-clock party!

So what is really happening out in the forest at night? Are the animals really the stars of the show? Or are they just bit-players in a much bigger drama? Are the animals mere pawns in a game that is being played out by higher life forms- that is to say the Trees (if you'll pardon the pun)?

We know that fruit and nectar eating birds are on the day shift for spreading the seed and pollen of various trees and plants. However, we are often completely unaware (because we are curled up in front of the telly or in bed or both) of the important role our fellow mammals play in the dispersal and pollination workforce for our local forest plants at night. For instance are you aware that most eucalypt cross-pollination occurs at night courtesy of the

much-maligned flying foxes. In a recent study of flying foxes *Pteropus sp.* it became apparent that eucalypt flowers were at their most receptive to cross-pollination during the hours of darkness. These trees rely upon flying foxes and other blossom bats to facilitate some serious genetic interchange over the vast distances that they travel in search of food. Some local eucalypts that attract nectar-feeding bats include Flooded Gum - *Eucalyptus grandis*, Tallow wood - *Eucalyptus microcorys* and the Pink Blood Wood - *Eucalyptus intermedia*.

Mammals aren't the only creatures of the bush being enticed into working for the plants during the night. As the sun sets in the bush, the air can become thick with the intoxicating perfumes of some forest plants and although humans may appreciate these scents the real targets of these perfumes are the moths.

Just as some humans use perfumes for the purposes of romance, these night time flower scents are designed to attract moths to their flowers and so spread their pollen from flower to flower - the moths thus play an unwitting role in the love lives of plants. The moths are rewarded with a small prize of nectar for their work, but not too much, just enough to get them to the next flower!

... cont'd page 15

BARUNG LANDCARE ASSOCIATION INC. 2002/2003 MANAGEMENT COMMITTEE

President
Vice President
Secretary
Treasurer
Committee Members

Elaine Green
Karen Shaw
Lin Fairlie
Patricia Brunton
Tracy Adams
Richard Francis
Penny Riddoch
Heather Spring
Clayton Stokoe

Barung Landcare...



BARUNG LANDCARE ASSOCIATION INC. STAFF

Coordinator
Nursery Manager
Nursery Trainee
Butterfly Guru
Reveg & Habitat Officer
The Cod Line Editor
Farmcare Project Officer
Education Officer
Barung Newsletter Editor
Administration Officer
Farm Forestry Advisors

ArtisTree Coordinator

Mim Coulstock
Nick Willis
Cali Salzmann
Bob Miller
Marc Russell
Eve Witney
John Muir
Mim Coulstock
Mim Coulstock
Angela Todd
Ashley Sewell
Laurie Capill
Penny Smith



WORKING FOR OUR FUTURE

17 Bicentenary Lane
Maleny QLD 4552
Tel: 07 5494 3151
Fax: 07 5494 3141
Email: barung@sun.big.net.au

PETER & MERILYN MILTON
6 KINGS LANE
MALENY QLD 4552

Your Membership is CURRENT till 20/10/2003

Your support of our Landcare efforts is much appreciated.

Postage
Paid
Australia

PPP# 440524/00004



LANDCARE