



BARUNG LANDCARE NEWS

STREAMS OF TREES

As part of Barung Landcare's revegetation program for 1998/99, we take great pleasure in announcing the launch of the *Streams of Trees* initiative.

Streams of Trees is an assistance package designed to help landholders repair the damage to the natural vegetation cover along the streams of the Obi Obi and associated waterways of the Upper Mary catchment. It is our hope that landholders with creeks running through their properties will take full advantage of the program to join with Barung to achieve more riparian plantings along our local waterways than ever before. The *Streams of Trees* program aims to facilitate co-operation between landholders and other interested parties to achieve the optimum environmental outcome.

There will be a public launch of *Streams of Trees* at 12 noon, Friday, 9th October at a venue to be announced. Anyone who is interested in applying for assistance for creekbank rehabilitation work is welcome to attend to learn more about the program.

People wishing to apply for the program will be invited to participate in a planning workshop to be held at Barung on Wednesday 14th October, to clearly define the nature of the work required for each property. A field trip demonstrating different techniques in revegetation will follow so that all participants can decide on the best method for their land.

Barung has also prepared a detailed species list for different soil types found along the creek lines of the catchment and will do as much as possible to help people plant the right trees in the right place, consistent with the owners' use of the land.

Barung Landcare has secured funds under the Natural Heritage Trust scheme so that we can enter into partnerships with private landholders to undertake riparian revegetation. The landholder's contribution will equal half the total cost of planned works, whether in dollars, labour, materials, fencing or plants etc. Participants whose contribution is labour may not have to contribute any cash towards the scheme.

All applications for *Streams of Trees* will be considered by Barung's Revegetation Sub-committee against a priority criteria. The highest priority will be given to projects involving two or more landholders coming together to assist each other with costs and labour to repair their section of our waterways. If your neighbours can't yet see the importance of the repair of the creek lines, please don't feel left out of the program. Where only one landholder is interested in the scheme, their property can contribute to the greater good of the environment by acting as a Seed Source and habitat for native birds and animals.

Barung has deliberately made the selection criteria as broad as possible, so that as many people as possible can take advantage of the assistance package.

A SHORT WORD ON THE IMPORTANCE OF THE RIPARIAN ZONE

The riparian zone consists of the water course and its banks. These zones are extremely important environmentally and are sensitive to land management practices within the catchment. A healthy riparian zone is usually the richest and most biologically diverse part of the landscape.

Hundreds of different plant species are known to occur on the banks of the creeks and tributaries of the Upper Mary Catchment. This diversity of vegetation in turn provides food and habitat for a wide range of local fauna, including insects, reptiles, birds and mammals.

A healthy riparian zone acts as a natural filtration system, able to prevent a range of materials from entering the waterway. Vegetation on creekbanks can interrupt silt moving from the adjacent catchment. If silt is removed, a number of adverse consequences will result. Stream depth may be reduced, particularly in large holes which are an essential component of a healthy stream. Siltation also reduces water quality and decreases the life span of water storage facilities such as Baroon Pocket Dam, resulting in increased water treatment costs.

Land management practices in the Obi Catchment directly affect the health of the Mary River. Siltation problems are not restricted to the river itself. Degradation of the seagrass beds of Hervey Bay have been attributed, at least in part, to the silt carried from the upper catchment.

In similar ways, a healthy riparian zone can help to filter a variety of nutrients, agricultural or industrial, which may threaten human or environmental wellbeing. High nutrient levels drastically affect life in our streams and can result in such problems as blue-green algae outbreaks, which in turn create further toxic conditions and further increase water treatment costs.

A healthy well-vegetated riparian zone is also important in maintaining a stable stream system: streambank erosion will be minimised; flow rates will be reduced; damaging flood peaks will be lessened. Our waterways are not static features of the landscape: they are in a constant state of change. The natural geological processes will quickly re-stabilize in a healthy riparian zone which is, in effect, self healing.

IF YOU HAVE AN INTEREST IN OUR ENVIRONMENTAL REPAIR PACKAGE, PLEASE RING BARUNG LANDCARE ON 07 5494 3151 AND SPEAK TO JIM WATSON OR MIM COULSTOCK TO BOOK IN FOR OUR FIRST WORKSHOP.

October - November 1998

PRESIDENT'S REPORT TO THE ANNUAL GENERAL MEETING

from Joan Dillon

Barung's activities have expanded significantly in the past year. The organisation has accepted responsibility for additional projects and project staff, has improved the facilities at the Landcare Centre and commenced to develop more formal links with other regional and state groups and with industry.

Major funding was received through the Natural Heritage Trust for the Revegetation, Mary River Cod Network and Coordination and Education Projects. Mary Valley Sunshine Coast Farm Forestry continued to support the Farm Forestry Project. It is very pleasing to be able to continue our important, linked and ongoing work in the region.

A major new challenge accepted by the Association was the BHP and Landcare Australia Ltd funded "Range to Coast" Landcare Catchment Project. This provided the opportunity to involve other groups in the catchment of the Upper Mary River in further significant tree planting activities. BHP has agreed to provide funds for the project over a period of three years and it will be part of the National Olympic Landcare Project.

Caloundra City Council have provided funding within their budget which will support the maintenance of revegetation work on public land. Maroochy Shire Council has provided support for some revegetation work in Western Avenue, Montville.

Funding was also sought through Greenhouse Challenge using a consortium approach and although our initial bid was unsuccessful, similar avenues for funding will be pursued.

The annual Chainsaw to Fine Furniture Expo was again an unqualified success and is firmly in place as a major event for Maleny. Barung also participated in the "Spring into Summer" Festival and the SEEDS group made and entered a scarecrow in the local competition.

We hosted two Green Corps teams who made an enormous contribution to our revegetation program and also won a contract to manage a Work for the Dole team which will commence work at the end of September on a range of community projects around Maleny and Montville.

Our media coverage during the year has been good culminating in the filming of a segment yet to appear on the ABC's Gardening Australia Program. Promotion of a Revegetation Competition was enthusiastically received and has led to the development of further strategies to involve private landholders in the planting of riparian corridors. A statement of Barung's position in relation to revegetation has been developed and will help to guide our ongoing program.

The Landcare Nursery has expanded to cope with increased demand from members, the general public and to support our increased project activities. The extra activity has made possible significant infrastructure development which should help to improve both the quality and quantity of our stock.

Members will have noticed the improvement in our newsletter in terms of both quality and quantity of the information provided. I urge you to read the regular reports from our project officers and keep up to date with our many activities.

My very sincere thanks go to the members of the Management Committee and to those who have served on various sub-committees. Ours is a busy organisation and many volunteer hours have gone into helping to keep us on track. I would particularly like to thank Craig Hosmer for his work as Treasurer. His account keeping has been meticulous. My thanks also to Derek Paksun for his careful auditing.

I would also like to thank the volunteers who have helped in the nursery and along the Obi Boardwalk, the tradesmen who have so ably assisted with the upgrading of our facilities and have generously donated time, and all those who have contributed in various voluntary ways to the organisation as a whole.

Last but certainly not least, I would like to thank the staff for their support under difficult working conditions and their cheerful assistance above and beyond the call of duty, particularly outside working hours. Community organisations place heavy demands on their staff and their help is very much appreciated.

The success of any organisation in meeting the goals determined by its community is very dependent on the continued involvement and enthusiasm of that community. I again thank everyone for their assistance and support and am sure that Barung can look forward to another active and successful year.

WELCOME TO NEW COMMITTEE MEMBERS:

NEIL MACLEOD

KERRY MCINTYRE & MARK SAVAGE

AND THANKYOU TO RETIRING COMMITTEE MEMBERS:

JENNY ALLEN ANN OLIVER

& JOHN WILDMAN

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M Bruce

Thank you for your landcare support

COORDINATOR'S CHAT

with John Muir



LANDCARE MAN.....alias Robbie Hammer (Hinterland Herald)

1998 AGM Report

I would firstly like to thank all staff, volunteers and committee members for another very successful year - a huge team effort by all. All our projects, staffing, funding and general activities have more than doubled, with similar demand for our services being felt by all staff. Membership is well over 400 now.

I have been able to increase my work days to full time now, and have resigned from the Lake Baroon Catchment Care Co-ordination role. Marcelle Holdaway has taken over that position and is operating out of the new LBCC Coral St office for three half days per week.

Our Project Management Structure brochure explains the various sub-committee make-up and the wide depth of project works covered by the management committee and staff. It now comprises Education and Extension, Nursery, Revegetation, Farm Forestry, Labour Market Workforce, Mary River Cod Network and Rural Sub-committees. The smooth running of these varied and diverse programs is indeed a credit to all involved.

Some of the highlights of these programs include:

Education and Extension This covers Project Co-ordination, Education and Extension, Revegetation Specialist and Assistant to Co-ordinator positions. We have been most fortunate to have Mim on board for part of this project, clearly evident in the standard of our Newsletters and general office management. Marc has taken up the one day per week Revegetation Specialist position, due to his depth of knowledge and experience in that field.

Our major achievements have been the continued running of our Junior Landcare 'SEEDS' (Small Eager Environmentalists Doing Something) group, PMP - Property Management Planning Workshops, Information Nights, and Tree ID and Seed Collection Walks. The 1998 EXPO was a huge success thanks to Daryl and Craig once again.

Nursery Marc Russell heads this team, with a very active and dedicated sub-committee behind him. The Nursery is self-funding from nursery sales, and has seen many on ground improvements as a result of its successes in the last year. Tree stock turnover has

surpassed 75,000. As a result, Barung has been able to put significant funds back into its Landcare activities and projects, which helps us match \$ for \$, the NHT funds received.

Revegetation and Remnant Protection Jim Watson joined us on this new NHT project in February, after supervising our two very successful Green Corp Groups.

The project is initially concentrating on Riparian Corridor sites on both public (Council) and private lands. The private lands component will be called our "Streams of Trees" project. The public land sites have concentrated on the Showground and Obi Creek so far, with valuable assistance from our volunteer 'Friends of the Boardwalk' tree planters.

Another source of funding for Revegetation has been the 'Corridors of Green' project, managed jointly with Greening Australia and Landcare groups in the Mary River catchment. This project consortium has helped combine the knowledge and talents of several groups, into the delivery of new Riparian Corridor on-ground works.

The big surprise for the year was a visit by the Landcare Australia Limited executive, which resulted in the sponsorship by BHP, of the \$80,000 'Range to Coast' treeplanting project. This project saw over 20,000 trees planted in the Upper Mary Catchment. With Lexy Forbes and Clayton Stokoe as supervisors, the outcome was exceptional, especially at the Maleny Entrance Site. As a result further sponsorship has been obtained for 1998/99.

Farm Forestry Mark Warnick continues to be our Mary Valley-Sunshine Coast Farm Forestry (DPIE) sponsored Project Officer, with Barung now taking on the overall management of this project through the Farm Forestry Sub-committee. Over 300 farm forestry sites have been identified and contacted in the surrounding four local government areas alone. The uniqueness of this area for tree growing certainly enhances the success of farm forestry as a viable and sustainable alternative for landholders. I would like to thank Ashley Sewell once again for his continued support of this and many other projects.

Labour Market Workforce We have been most fortunate to have received two Green Corps Teams for six months each, to assist us with our ambitious Revegetation projects. An unprecedented and positive outcome of these teams has been the instigation of the *Range Revegetation* workforce formed by ex Green Corps members, who now carry out private contracting services to clients out of Barung.

I must also mention the on-going Centrelink Voluntary Workers we have attracted, who are proving to be a most valuable resource for all of our projects.

Mary River Cod Community Network Eve Witney (Cod Mother) was replaced by Wendy Gillespie (Cod Aunt), when she went on maternity leave from December 1997. Over 400 stakeholders are now on the data base network, with a quarterly newsletter produced. Excellent press coverage and displays have been produced, and positive links have been forged with many community and government groups.

Rural-Dairy Effluent Management Trial Four sites are continuing to be monitored by co-operating farmers, in conjunction with Qld Uni and Caloundra Maroochy Water Supply Board. These trials were delayed due to the lack of significant runoff. A new state of the art monitoring component by Cyril Ciesiolka from DNR has been included to determine sub-soil lateral moisture and nutrient flows. Draft final reports have been prepared and the extension component has already been planned for the final six months of this project.

COORDINATOR'S CHAT

(Cont'd)

I have been on the LAP Committee, representing both Barung and Lake Baroon Catchment Care, for two years now. A separate detailed draft submission from Barung on the initial LAP draft document will be available for all members to view, and I encourage ALL members to write their own submissions before the 21st October, to ensure the Landcare and Catchment Care ethic and Ecological Sustainable Development issues are represented truly in the final LAP report.

This year has also seen the public release of both the Mary River Catchment Management Strategy and the Lake Baroon Catchment Management Plan following detailed community consultation and input from our members and staff.

Most of Barung's action plans and priority programs are based on the implementation of both these important strategies and as a result we have been working closely with both Catchment Management Committees, to get these strategies up and running for on-ground results.

Please remember that ALL volunteer work is most valuable to Barung. As well we can attribute \$15 per hour to Barung, to match \$ for \$ all of our National Heritage Trust government funding. To keep track of these hours we have a Volunteer Record Book at Barung to record all hours worked by all our volunteers, whether in the office, nursery or on revegetation sites. Please fill in any hours worked for record keeping purposes, as it will help us with our annual audits. It is also essential for insurance purposes that volunteer labour is recorded, if ever required. Thanks for your continued support and please keep up the great work.

The voluntary Obi Boardwalk Weedbuster Team with Linda has been fantastic this year, with another Volunteer of the Year Award given to a member of this monthly Saturday morning plus work team. To increase the Weedbuster time options, we will be including Weedbusting sessions on week days, which will allow the additional support from our community service and Work for the Dole schemes.

The success of a group like Barung Landcare can be measured in various ways such as recording the number of activities, attendance and tree sales. For example over 75,000 local native trees have been established as a result of the Barung nursery, and over 70 educational activities have been conducted with more than 1,000 participants.

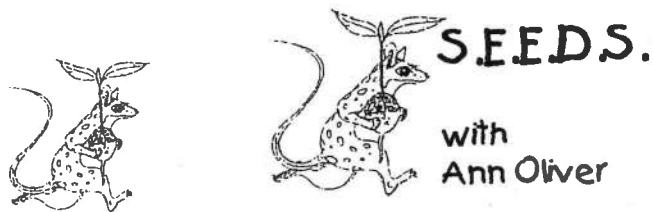
The change in people's knowledge, skills and attitudes is harder to measure. But if another 200 *Blackall Range Landholders Guide* book sales, information sheet production and duplication, property visits and Property Management Planning workshops are any indication, we are well on the way to achieving both visual on-the-ground results and personal Landcare goals within the wider community.

The future for Barung and members is looking bright and challenging, with several new opportunities on the horizon, with consolidation of all existing programs. New accredited training opportunities, computer plant data bases, and a second edition of our *Blackall Range Landholders Guide* are in our sights.

Of course with so many changes, demands and projects, some issues will need addressing, including the on-going competition for meeting room and storage space, project co-ordination and new facilities availability to the public and staff.

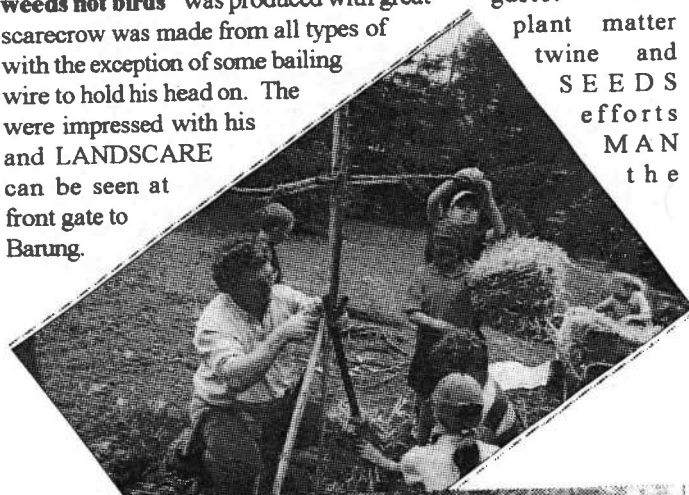
We hope that you all will join us once again in another year of exciting and rewarding Landcare activities and that you will all help us to "change enough of the little pictures, so that the big picture changes" as well.

ALL THE BEST IN LANDCARE



FROM SEPTEMBER SCARECROWS TO CHRISTMAS

September's SEEDS meeting saw an enthusiastic group of eager workers create a wonderful scarecrow for the Scarecrow competition. "LANDSCARE MAN - a scarecrow to ward off weeds not birds" was produced with great gusto. The scarecrow was made from all types of plant matter with the exception of some bailing twine and wire to hold his head on. The SEEDS efforts were impressed with his MAN the can be seen at front gate to Barung.



The October meeting will be another tree plant at the Entrance Site in conjunction with Arbor Day. Jim 'Bean' Watson will be organizing and supervising the afternoon which will kick off the Arbor Day activities throughout the town.

SEEDS CAMP: On the weekend of 31 Oct/1 Nov there will be a camp for SEEDS members at the Beerwah Field Studies Centre. There will be a wide variety of activities organized for the weekend including frog spotting and identification, butterfly finding,

astronomy, campfire sing alongs, a trip to the reptile park, creek explorations, spotlighting nocturnal wildlife and other activities. If you are interested in attending this fun packed weekend please contact Mim at Barung. There will be a minimal cost for the weekend. If your **membership has lapsed and you want to go**, please pay your membership so that you will be covered by Barung Insurance.

November SEEDS will be at the Wildflower Nursery at Curramore. This should be a great afternoon with many of the native wildflowers will be in full bloom. As this is a trip away from Barung we will need help with transport. If you can help we would greatly appreciate it - contact Mim to register your car!

December SEEDS meeting will be a fun afternoon with a **Christmas Party/Breakup**. We will have this in the Bicentennial Lane Park next to Barung and all SEEDS and parents are most welcome. Please bring a plate of party food and help end another very successful year of SEEDS.

Membership for SEEDS 1999 will be taken in December for those not attending the Camp. Due to space and organizers we will be limiting SEEDS numbers to 20. Be quick with your membership and secure a spot in this fun and exciting program that will see more enjoyable afternoons for next year.

If you need more information about SEEDS or you are keen to share your specialist knowledge with a group of very enthusiastic children please contact Mim at Barung - 5494 3151 or Ann - 5494 2793.

TILL NEXT TIME HAPPY SEEDING

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TRIPPING AROUND.....

PMP WORKSHOPS

from Kerry McIntyre

Two Property Management Planning workshops have been held at Barung over the last few months.

The first, on July 29th, was run by John Muir and covered the objectives of PMP. The second, on September 8th, focussed on revegetation and agro-forestry with Marc Russell and Mark Warnick assisted by Ashley Sewell. A third workshop on weed control will be held on September 29th.



Ashley Sewell talks about agro-forestry to PMP participants.

The morning sessions on both days were classroom based, followed by practical sessions in the field in the afternoon. The group was taken to a farm to discuss weed control and revegetation plans during the afternoon of the first workshop. On the second afternoon the group visited a 4 year old revegetation/agro-forestry plot followed by a conducted tour of Barung's Obi Boardwalk site.

Despite the diverse interests of the group, ranging from permaculture/organic food production through to commercial forestry, workshop participants shared many common problems and interests. These included weed control and the selection and management of trees suited to the local environment.

The theory sessions provided valuable information on how to draw up a property plan, necessary for a variety of reasons, not the least of which is to find a sense of direction when developing any small farm. Information on financial assistance schemes available to small landholders for tree planting and catchment management were particularly useful.

The practical sessions showed participants what can be achieved in rainforest regeneration over relatively short periods of time with suitable tree selection and management, as well as providing opportunities for discussion of common management problems under practical conditions.

WEEDS FIELD DAY AT JOE & KAY HERRON'S DAIRY FARM, CONONDALE

from Joe Herron

The morning started with a DPI Dairyfarmers discussion group meeting on management strategies for crows foot grass in grazing pastures. The group was addressed by Scott Mathews of Abbings Consulting who has been granted funds to identify both the existing plant populations and farmer awareness of the problem. Scott is now seeking further funding to implement trials to identify best management practises to reduce the rate of infestation. This was a very interesting morning for the dozen dairyfarmers present.

After lunch quite a few more local residents joined the discussion group to take part in the launch of the Caloundra City Council's Pest Management Plan. Peter Bell from Caloundra City Council joined forces with Landcare and Department of Natural Resources personell to present the *Draft Pest Management Plan*. This Plan is now open for discussion.



Peter Bell, Caloundra City Council Weeds Officer in 'the classroom'

Barung's Education Coordinator, John Muir, directed audience discussion with lots of interest and questions directed to various guest speakers.

I recommend that more people should obtain a copy of the document to read and make comment on.

HEATH WALKS

with Clayton Stokoe

As you are aware, Barung organizes monthly plant identification outings to various locations within our area. Two recent walks have been looking at endemic species of heath vegetation, obviously off the Blackall Range.

The first was into a particularly interesting area of wallum east of Beerwah, the second on one of the smaller mountains of the Glasshouse Range. I think you would be hard pressed to find such vegetation diversity anywhere else in the world. Not many places can boast the presence of temperate, sub-tropical and tropical rainforest in the one area (this is classified as the Macleay overlay), abutting heath vegetation such as our local wallum, or shrub

HEATH WALKS

cont'd

heath, of the Glasshouse Mountains.

Not far past the Beerwah Field Study Centre a small band of enthusiasts braved the morning's torrential rains and wandered of into the heath with identification books and magnifying glasses in hand, to be richly rewarded with the beginning of spring's flowering.

Our walk transected some distinct changes to the floristic structure of the vegetation due to variations in soil type and the depth of water table from the surface. Such changes can range from a subtle absence or occurrence of an individual species to a catastrophic change in total forest structure.

Within 800 metres we went from open dry sclerophyll woodland into heath dominated by *Banksia aemula*, wallum, sedgelands as the water table rose above ground, and back through all these successions into woodland again. All within 800 metres. Excited? Me too.

These heaths east of Beerwah are really worth checking out. If you take the Roys Road turnoff and run out to the Pumistone Passage for a family picnic, you can find nice patches of heath along the side of Coochin Creek or Bells Creek.

The second walk venturing into the Glasshouse Mountains had a particular emphasis on endemic plants. We climbed Mt Ngungun, one of the smaller hills of the range, which is quite an interesting climb.

The walking track begins on the southern, shaded side and thus runs through an almost wet sclerophyll forest with a few rainforest species as understorey to *Euc microcorys* and *pilularis*. Running up an eastern escarpment the vegetation takes an abrupt change to low open woodland with stunted growth due to the poor nature of the soils. Here we have an interesting understorey of *Banksia spinulosa* and *oblongifolia*, *Pultenaea spp*, *Acacia spp*, *Dodonaea spp*, *Leptospermum spp*.

When we reached the leading ridge that runs to the summit with extremely poor, heavily eroded and shallow soils, or should I say rock, the vegetation reminded me of the Nullabor. Some of these plants displayed similar adaptive characteristics such as stilt roots to cope with extreme ground temperatures. The floristic composition declines sharply here with only the hardiest species such as *Leptospermum leuhmannii* and *Calytrix tetragona* forming thickets in some spots.

Not only does this environment suffer extreme drought conditions but it can also be heavily water-logged due to the impervious rock and shallow pockets of soil - a lot to deal with if you're a plant living on the Glasshouse Mountains.

From the top we had lovely views of the fast developing urban sprawl, the open cut quarry to the east and the pineapple fields carpeting the rolling hills.

The National Park should have extended from Redcliffe to Caloundra, inland to the D'Aguilar Range and abutting the Blackall Range to the north. A National Park of this size for the Glasshouse Mountains would have far more effectively ensured the long term survival of their unique flora. Changes in the fire regime alone is enough to jeopardise long term survival for some species. If we are to be serious about conservation, we need to dedicate areas large enough to be ecologically sustainable. The islands of the Glasshouse Mountains are vulnerable.

Keep an eye out for the Tree ID Walks Barung puts together, they can be good fun.

WANTED ALIVE ! COXEN'S FIG-PARROT (a.k.a. DOUBLE-EYED FIG-PARROT)

from Liz Romer
Wildlife Conservation Officer,
Currumbin Sanctuary

Coxen's Fig-Parrot is one of Australia's most endangered birds. A dumpy green parrot, it has an extremely short tail and is thought to be from near Gladstone in the north to Port Macquarie in NSW in the south.



Critically Endangered!

Recorded sightings from the Maleny-Mapleton area include:
Early 1920s - the birds were reported as being fairly numerous in the rainforests between Mapleton and Dulong.
1976 - 1980 - flocks of up to 8 birds were seen at "High Tor" near Maleny, feeding on Green-leaved Strangling Fig (*Ficus watkinsiana*), Sour Cherry (*Syzygium corynanthum*) and the introduced Cotoneaster (*Cotoneaster lacteus*), sometimes in garden situations.

January 1998 - the most recently sighting was in Mary Cairncross Park and surrounds. Two birds were seen flying through rainforest and crossing an open area between stands of rainforest.

DON'T BE FOOLED

Coxen's Fig-Parrot resembles three species of lorikeets. All four of these parrots are generally green, small and fast-flying. Lorikeets often form large noisy flocks. They feed at flowers of various plants including eucalypts, banksias and grevilleas. Lorikeets also have a noticeably long tail. Coxen's Fig-Parrot has a very short tail and feeds predominantly on the seeds of figs. It is usually solitary or found in pairs but probably will form small flocks in autumn and winter.

HOW YOU CAN HELP

If you see one, DO NOT attempt to capture or disturb it. IMMEDIATELY phone the Department of Environment and Heritage on 07 3227 7055 or the Maleny base of the Queensland National Parks and Wildlife Service on 07 5494 3983. If at all possible without frightening the bird, take photographs or videos.

Knowledge of the whereabouts and population size of Coxen's Fig-Parrot is very poor. Consequently, reports of all sightings - even old ones - are extremely valuable and may greatly assist the recovery program.

Please phone the above numbers if you have information on any past or present encounter with this bird.

One of the main threatening processes for the species is the loss of habitat and food trees. You can help by planting fig trees native to your area. (See the last issue of this newsletter for information about fig trees!)

* **DEADLINE** *
* **FOR DEC/JAN NEWSLETTER** *
* **FRI NOV 20TH** *
* please present copy on disc if possible, *
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NURSERY GENERATES A SURPLUS!

You will have noticed from the adjacent financial report that the nursery surplus for the 1997/98 Financial Year amounted to just over \$23,000. Well done to all who contributed to this surplus.

These funds are being used for:

- * additional capital improvements in the nursery (a new shadehouse - nearly completed - where staff and volunteers can work without stooping, and plants can grow without hitting the sloping walls of the old-style shadehouses)

- * a contribution towards our landcare projects in revegetation, education, farm forestry and Mary River cod, and

- * a small nursery funding reserve to carry us through the spring period when salaries normally exceed nursery sales (although with the rainy weather we may find that we don't have the negative cash flow we've experienced during this period over the last few years.)

When Barung began its nursery operations, its goals were to provide a source of healthy local native species for revegetation and production, and to generate funds for the landcare movement. These results confirm that we are indeed meeting our goals.

NURSERY REPORT from Marc Russell

Thanks to our volunteer workforce and the support of our customers, the Nursery has been able to achieve many changes to make life better for us, for plant buyers and for the plants themselves.

I've already mentioned in past reports that we now have a new sales office, extensions to the front and back of the building and a nursery shed. We've also now replaced the 60% shadecloth in the retail area with 30% to toughen up the plant stock for summer.

At present we are replacing the two older tunnel-shaped shadehouses that we used for growing on stock. The tunnels have done a good job for many years, however they were built on a shoestring budget and this created some difficulties.

The new shadehouse will provide:

- increased space for growing more of our own tubestock;
- increased light for plants - the new shadehouse is more open, will have new racks and 50% and 60% shadecloth;
- improved access - the roof height means that we will no

VOLUNTEER TRAINING...

PROPAGATION WORKSHOPS EVERY WEDNESDAY
AFTERNOON FROM 1-5PM AT BARUNG NURSERY

- LEARN TO
- * TREAT, PROPAGATE & STORE LOCAL SEED
 - * PROPAGATE CUTTINGS
 - * GRAFT CUTTINGS

BARUNG LANDCARE ASSOCIATION INC. Summary of Auditor's Financial Report for Annual General Meeting, 26th September, 1998

	FY 97/98	FY 96/97
INCOME		
CONTRIBUTED		
Donations and Membership Subscriptions	14,002.84	8,966.65
Grants	304,523.04	112,578.00
Wage Subsidies	2,535.00	7,497.58
EARNED		
Sales	116,823.70	62,047.07
Special Events	19,795.63	17,347.70
Interest Earned	5,340.96	3,876.11
All Other	9,884.75	14,391.63
Grand Total Income	\$472,905.92	\$226,704.74
EXPENDITURES		
Projects	221,139.23	115,530.00
Nursery	54,155.70	17,481.16
Special Events	7,905.95	5,537.37
Other Activities	5,658.89	10,893.46
Administration	64,093.75	63,004.11
Depreciation	5,850.00	5,255.66
Grand Total Expenses	\$358,803.52	\$217,701.76
Excess of Income over Expenditure	114,102.40	9,002.98
Add Increase in Value of Stock at 30th June	2,642.15	273.50
Profits for the Year	\$116,744.55	\$9,276.48

BALANCE SHEET		At 30/6/98	At 30/6/97
ASSETS			
Current		187,109.41	67,354.97
Non-Current		34,258.00	36,726.00
Total Assets		\$221,367.41	\$104,080.97
Representing:			
ACCUMULATED FUNDS			
Balance brought forward from prior year		67,432.65	94,804.49
Profits for the Financial Year		116,744.55	9,275.48
Plus Carry-over allocations from previous year		36,648.32	0.00
BALANCE CARRIED FORWARD		\$220,825.52	\$104,080.97
Note: FY'98 difference of \$541.89 represents liability of Trade Creditor picked up in next year's allocations listed below.			

ALLOCATIONS FOR NEXT FINANCIAL YEAR

	At 30/6/98	At 30/6/97
Dairy Effluent Project	21,222.89	21,092.87
Obi Obi Revegetation Project	0.00	1,636.28
ANCA Mary River Cod Project	0.00	3,367.92
NHT Mary River Cod Network Grant	10,420.34	0.00
Mary Valley Farm Forestry - Extension	0.00	2,126.73
Mary Valley Farm Forestry - Research	0.00	3,859.54
Mary Valley SC Farm Forestry Project	18,509.09	0.00
LAL/BHP Range to Coast Project	11,263.17	0.00
NHT Revegetation Project	48,062.22	0.00
Corridors of Green Project	13,727.35	0.00
Barung Nursery Surplus	23,346.06	0.00
Trade Creditors	541.89	0.00
Nursery Stock for sale at 30th June	13,993.65	11,351.50
Non-Current Assets (buildings and equipment)	34,258.00	36,726.00
Accrued Annual Leave Provision	4,475.16	4,564.98
Funds available for next year's operations	21,547.59	19,355.15
TOTAL	\$221,367.41	\$104,080.97

BARUNG NURSERY HOURS

Tuesday to Friday ~ 9am - 5pm

Saturday ~ 9am - 12 noon

TUBES - \$2.00 6" POTS - \$4.00

4" POTS - \$3.00 8" POTS - \$8.00

DISCOUNTS AVAILABLE TO MEMBERS ON ALL NURSERY STOCK

NURSERY REPORT cont'd

longer be bumping our heads, and trolleys will have full access;

- reduced losses from plants growing into the sides of the shadehouse and missing out on irrigation.

All of this will lead to greater efficiency, a better working environment, and more and healthier local plants.

Now that the weather is warming up we have a great range of vibrant new plants all ready for the new growing season which is shaping up to be a good one.

We are aiming at running local species propagation workshops from 1 - 5pm on Wednesday afternoons for our volunteers. We will cover seed propagation, treatment and storage, as well as cutting propagation, and hopefully some grafting techniques.

We are always in need of more volunteers. If you think you may be able to help in the nursery in any way, please get in touch with us at Barung. Jobs to be done include:

- * writing of articles
- * propagation
- * running of plant stalls
- * potting up
- * weeding
- * movement of stock
- * collation of data
- * customer service

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Sunday 18th October, 8-11am

BYO: hat, drinks & morning tea, tools

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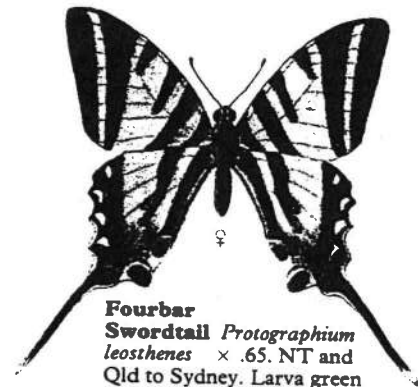


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THE FOUR-BAR SWORDTAIL (*Protographium leosthenes leosthenes*) by Bob Miller



**Fourbar
Swordtail** *Protographium
leosthenes* × .65. NT and
Qld to Sydney. Larva green
with brown markings, on
Rauwenhoffia. P.

This is one of my favourite butterflies and I am sure that if you have seen it for yourselves, it will become one of yours.

It is a very easily recognised insect, sporting a large tail on each of its hindwings and four brown bars on its forewings.

The Four-bar Swordtail is generally high flying, often seen around the tallest of rainforest trees, carrying the Four-bars larval foodplant, the Zig-zag Vine (*Rauwenhoffia leichhardtii*). It can also be seen at other times flying slowly, almost gliding, at eye level.

The Four-bars is a reasonably common butterfly on the Blackall Range at this time of year, and is even more common as the year progresses.

It can be a regular visitor to your garden, just by planting nectar producing plants that flower in spring through to summer.

Another more interesting option is to plant the larval foodplant (*Rauwenhoffia leichhardtii*) along with nectar plants. The latter will attract the adults into your backyards, where they will find the correct plant on which to lay their eggs. Another bonus in planting the Zig-zag Vine is that it is also the larval foodplant of the Pale Green Triangle (*Graphium eurypylus lycaon*). This butterfly is fairly common in South East Queensland and will be the subject of my Dec-Jan article.

The Four-bars larvae are reasonably easy to detect on the Zig-zag Vine as they have a tendency to rest on the upper surface of the leaves. They are only a small larvae, approximately 35mm long when full grown, and are similarly coloured to the young foliage of the Zig-zag Vine.

The pupae are always found hanging upside down, suspended by the tail and a central silken girdle to the underside of a leaf of the foodplant.

Barung Landcare regularly has supplies of the Zig-zag Vine in stock, the fruit of which is also a recognised bushfood.

Further information on this subject can be obtained by reading *Butterflies of Australia* by Common and Waterhouse, 1981.

Tuesday October 27th

BIRDWING BUTTERFLY DAY

10.30am - 12.30pm

at the Education Centre, Mary Cairncross Park

Guest Speakers:

Don Sands - the Richmond Birdwing guru, CSIRO

Sue Scott - Coordinator of the Double Helix Program, CSIRO

Please phone the Centre on 5499 9907

to register your attendance



FROM ELAINE GREEN

Barung is branching out into the community by undertaking to sponsor the Blackall Range Work for the Dole program. The local environment will enjoy its share of the activities with projects around both Maleny and Kings Weir aimed at improving water quality, and on the Montville side of the Lake Baroon catchment.

Two reveg teams will be operating for the next six months under the guidance of Peter Brunton and Jim Watson. Another team will carry out further work on the Montville walking track under the supervision of Spencer Shaw, and if it is too wet, will work on building possum boxes and other wildlife shelter boxes.

What is remarkable about this Work for the Dole program is the variety of work experiences available. Pam Hunt and Glen Donahue from MENA will be training up a multi media team to become proficient at making net pages and producing multi media CD Romes. Steve Langton and Steve McLeish - HUBBUB - will be working with another team building some of their unique musical instruments and learning to tune and play them. These will be donated to schools and other community organisations. Expect to see a Dr Who-a-phone in a park near you soon and watch out for some interesting performance events.

Another crew will be working with the Maleny Historical Society to restore century old Bryce House, as a pioneer homestead. As well, an Oral History project aims to provide some cross-generational appreciation by interviewing 3rd generation pioneers, undertaking transcriptions and eventually providing the material for a book/booklets to be published to provide ongoing funding for the homestead.

Jenny Tatton from Montville Business and Tourism will be training another team in regional tourism, data basing, surveying and merchandising, and operating a tourist information service in Montville.

Approximately 38 out of the 48 places have been filled. There are still places available in the 2 reveg teams and for the walking track team. If you know any unemployed people aged 18 - 24 who might like to join in, ask them to call me on 5499 9363 or leave a message at Barung.

This is a very diverse project and Barung is to be congratulated for its community mindedness in providing sponsorship. 48 young unemployed people will be given a chance to receive training and work experience and to link into the great community that we have here on the Range, and 8 part time positions have been created. \$75,000 will be injected into the local economy during the 6 months of the project.

The Work for the Dole program could not happen without community support, and I am grateful to the Guides, the Scouts and MENA as well as Barung for offering premises, and to the Department of Employment, Education, Training and Youth Affairs who provide the funding.

SPECULATING ON CARBON CREDITS

from JOHN DILLON

As Convenor of the Revegetation Sub-committee, I have recently been involved in two discussions with staff of the Greenhouse Challenge Office and state government officers about greenhouse, carbon sequestration and carbon credits. This note is to bring members and interested parties up to date and help to avoid misconceptions which may lead to disappointment.

The Kyoto Protocol covered many topics relevant to greenhouse and greenhouse gas abatement. Although there was an agreement to establish an emissions trading system, the details of this have not yet been negotiated at an international level. Australia is still considering how to approach emissions trading and what it will mean in the forestry and revegetation scene. The short message is that you cannot plant now to be first on the list for carbon credits which will return you money, because the market has not yet been created and there is no internationally recognised way to measure how big your credits may be.

The Commonwealth has several programs under the Greenhouse banner. These include the Greenhouse Challenge, which is a voluntary program for big business with major emissions (BHP, Energex and the like) to bring down these emissions. As part of a consortium with Noosa Landcare, Greening Australia and Energex, Barung recently submitted a project to the Greenhouse Allies program. This program is for larger groups to help the smaller end of town tackle the same thing in a partnership arrangement. Our proposal was to develop an education package for people who were interested in finding out how much carbon is tied up in plantings of trees. The goal was to show that there is a good reason to plant trees to trap carbon even if you cannot yet sell credits. As it happens a large farm forestry group in northern NSW beat us to the limited available money with a similar project.

The newest ideas to come from Canberra are about Bush for Greenhouse. This is designed to bring together investors with landholders to plant trees for revegetation (not commercial purposes) to trap carbon. A trade off for emissions arrangement may be possible as well as credits...in the future. Although \$m5.5 is available the details have not been worked out and will become more clear post election. A watching brief will be kept on developments.

In the meantime there are many reason to plant trees: land management, habitat, landlip control and water quality enhancement to name a few. You don't have to have carbon credits to feel good about trapping carbon emissions. Maybe we could suggest to our coastal neighbours that if they give us a tree (or the cost of a tree from the Barung nursery) for every 1000km they travel by car we will happily plant it for them. Any other ideas to promote revegetation would be welcome.

STILL WANTED/NEEDED

~ a LOCKABLE CUPBOARD for the reveg shed for chemical storage in line with workplace health & safety regs.

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 - * AND JUST ABOUT EVERYONE ELSE

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with Mark Warnick

Peak show time has now concluded with another very busy season to report.

We had displays at five major shows over the past three months, fielded some 140 farm forestry queries and followed up with all members of the public wanting further information sent out.

It was a very productive exercise and heightened the farm forestry profile.

The Future Profit course for farm foresters has just concluded with nine landholders from throughout the region participating in more than 80 hours contact each time - a tremendous effort.

Much of the information was groundbreaking and can now be used in future farm forestry courses. I am currently gauging numbers for a future course.

The office is staffed part-time each week, with some 40 calls logged in re specific farm forestry queries and even landowners visiting for consultations. Thirteen TAS forms were registered and sent in.

I also spoke to ninety people at a talk to the Noosa Permaculture Group. The talk went over well - four landowners spoke to me later in the night with specific queries.

Australian Tax Office links are strengthening with small business advisor Col Perryman attending the Future Profit course and offering to attend more landowner meetings.

The Barung Farm Forestry Sub-committee is continuing. Our Barung Property Management Planning day with Marc Russell, Nursery Manager, and John Muir, Barung Coordinator,

AVAILABLE
FROM
BARUNG RESOURCE
CENTRE
ORDERS TAKEN

went well despite the continuing wet. Landowners were impressed with Phil Jacob's mixed species planting. We also have a Farm Forestry Information Night scheduled for late September at Barung.

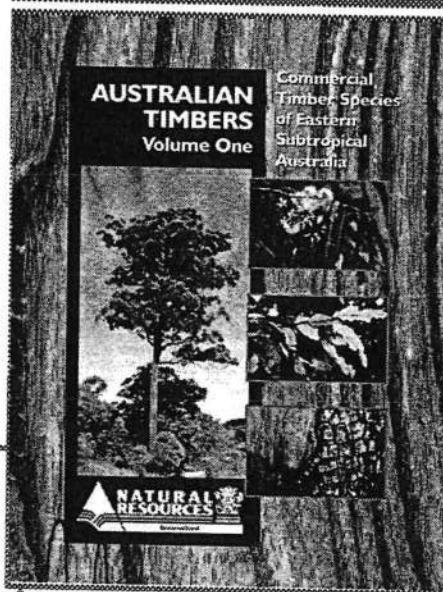
The Annual General Meeting of the Queensland chapter of the Australian Forest Growers was held in September. Ashley Sewell was re-elected as State Vice President and National Councillor, and I was re-elected as State Secretary.

I followed up the Australian Master Tree Growers course with an interview with consultants evaluating the program and follow-up interest.

The Department of Natural Resources is undertaking a program looking at bio-diversity in farm forestry plots and liaison will be on-going.

If you have any queries about farm forestry: call me on 07 5441 4557,
fax me on 07 5441 7478,
or write c/o PO Box 1244, Nambour 4560

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VOLUNTEER OF THE YEAR AWARD

Congratulations & Thanks to
DES COSGROVE WEEDBUSTER



for his outstanding work on the Obi Boardwalk. Des has single handedly & often working alone, made a tremendous impression on the Boardwalk weeds.

WEEDBUSTERS' REPORT with LINDA IVEZIC

October will mark the beginning of a new era - Barung's Weedbusters is being expanded with the addition of weekday weedbusting sessions to our regular '1st Saturday of the month' sessions. I've spoken to a few people who were inspired by the last newsletter's eye-catching front page article about the Boardwalk, but who are unable to make it on Saturday mornings.

The redesign of Weedbusters is being made possible by Mal Nicol, one of Barung's regular voluntary workers. He is taking on the role of volunteer Volunteer Coordinator and will be contacting all current and former Weedbusters to discuss new time slot options of every Tuesday and Wednesday mornings from 8am onwards.

forest farmer consulting and contracting

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Mal Nicol - our new Weedbusting coordinator

WEEDBUSTERS
 8-10AM
 - THE FIRST SATURDAY
 OF EACH MONTH
 & EVERY
 TUESDAY & WEDNESDAY MORNING
 FROM 8AM ONWARDS.



See you
 at the Boardwalk.

So if it has been Saturday timing which has held you back from joining Weedbusters, leave a message at Barung for Mal to get in touch - or just turn up at one of the above sessions. Remember that with Weedbusters you gain skills and information which you can apply to your own garden or property.

To date Weedbusters have been using a variation of the 'Bradley Method' in certain sections of the Boardwalk - a strategy developed by two sisters who lived near weed-infested bushland in Sydney. Each time they went for walks, they would remove weeds which were killing or hiding local native plants. The aim was to remove the weeds without creating any damage or disturbance to adjacent local plants. It was slow delicate work.

You can imagine that it would have been easier to just hack their way through those bush invaders, but removing plants one at a time, meticulously digging around their roots, left minimally disturbed, intact bush. This allowed the freed plants to grow and reproduce themselves, steadily replacing the invaders and strengthening their natural colonies.

What these sisters were trying to avert was damage and destruction to the native bush by overzealous but well-meaning broad-scale weeding. Such techniques result in delicate natives being trampled and removed along with invaders, leaving badly disturbed bushland which simply allows the invaders to return with a stronger foothold!

There you go!

WEEDIN' AIN'T JUST WEEDIN' -

JOIN US AND YOU'LL LEARN THE DIFFERENCES!

WEED OF THE MONTH

with LINDA IVEZIC

MISTFLOWER (*Eupatorium riparium*)

a.k.a. Creeping Crofton Weed is this month's weed problem around Maleny. It is a declared P3 weed i.e. numbers and distribution must be reduced throughout the state.

ORIGINS: a native of Central and South America, introduced to Australia as an ornamental.

WHY IT IS A PROBLEM: Mistflower grows vigorously in the right conditions - so vigorously that it reduces pasture production, which of course has economic implications - and excludes native vegetation. It has shallow roots which allow erosion of creeks and river banks.

PREFERRED HABITAT: damp shaded areas such as sheltered gullies, hillsides and cleared rainforest soils. You'll easily find it on damp rocky hillsides, particularly on south facing slopes, or along your local creek.

IDENTIFICATION: a prostrate, sprawling perennial herb, to 40-60cm high with numerous branching stems.

The stems are purplish, finely hairy and produce roots where the joints touch the ground.

The leaves are 4-10 cm long, irregularly toothed along the edges and in opposite pairs along the stems.

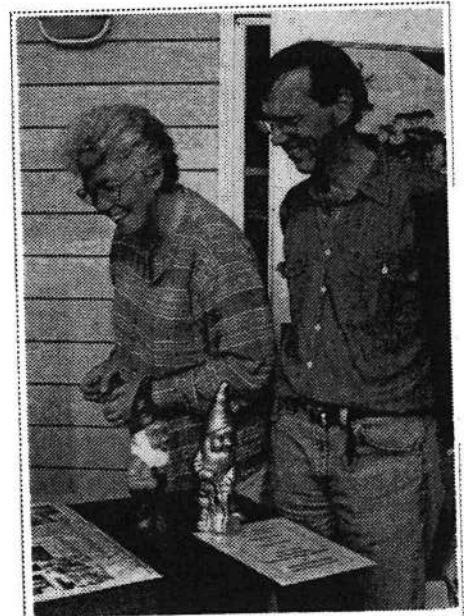


The flowers are the main identifying feature of mistweed at the moment as it flowers from Aug to Oct. The flowers are prolific and white in tight tubular heads about 5mm long, clustered at the ends of branches.

The seeds are slender, dark brown, 1-2mm long, and have 3-4mm long greyish bristles at the top.

SPREAD: Seeds are spread by wind, vehicles, footwear, via stock, water and, just to ensure the species continuation, the top of the plant falls off after flowering and reshoots from the base!

CONTROL: Light infestations can be controlled by grubbing and hoeing or hand pulling and burning, followed by planting of pasture if on farmland. After removal, planting of appropriate local native plants, shrubs and trees, especially competitive native



DARYL REINKE & CRAIG HOSMER,
 recipients of THE GOLDEN GNOME AWARD
 FOR SERVICE BEYOND THE CALL OF DUTY
 after a treeplant in September
 in appreciation of
 their contribution to Barung.

ground covers and grasses if regenerating bushland or creating a garden, will help prevent reinfestation.

I know a Barung member who spent three years hand weeding her creekbanks at Reesville. This slow diligent approach allowed the existing native vegetation to spread and replace the mistflower.

I know someone else who has a steep south facing hillside - once a thick carpet of mistflower reducing his pasture stocking rates (it is suspected to be poisonous to stock!) - who reduced the problem to a fraction of its area by slashing annually before flowering.

These mechanical methods may not be feasible in steep rocky terrain or over large areas.

There are many chemicals listed as being effective against mistflower, but for legal reasons, Barung cannot recommend any of them. We are also reluctant to recommend chemical use other than Glyphosphate for control of mistflower due to many infestations occurring adjacent to waterways.

Glyphosphate (ie roundup) 0.5L:100L water is an option but requires repeated applications.

Trials have shown that spot spraying with Brush-off when plants are in full growth before flowering, is effective.

BEFORE DECIDING WHETHER TO SPRAY OR WHICH SPRAY TO USE, TAKE ALL FACTORS INTO ACCOUNT, PARTICULARLY PROXIMITY TO WATERWAYS.

Barung and the Department of Natural Resources at Nambour have further details on chemical use.

I hope this article can help you start planning your mistflower strategies well before next year's flowering.

This species of Lilly Pilly is not widely known or cultivated, probably due to the sporadic flowering and fruiting and the low viability of seed.

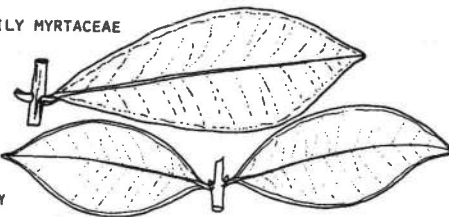
Fruit production is usually only every second or third year, with some trees fruiting one year and others the next. This year has produced a great crop of flowers and fruit on many trees, with some plants in full sun holding hundreds of kilograms.

We need to collect large quantities of seed to obtain a good supply of plants, as seed viability is lucky to reach 5%.

This very attractive bushy tree grows 8-10m in full sun and can reach 30m in the rainforest. It is suitable for revegetation and wind breaks, and is a bushfood species. The fruits are very sour (hence the name) with a beautiful deep red

Seed to collect Oct/Nov
Sour Cherry (*Syzygium corynanthum*)

... FAMILY MYRTACEAE



SOUR CHERRY
Syzygium corynanthum

colour, making them ideal for cooking jams, jellies, juices or syrups.

Around the Maleny district many original trees have been left in paddocks as shade trees or I suggest, as a fruit source for jam making by early settlers.

Sour Cherries are not susceptible to psyllid damage like many other lilly pillies. They are prone to sooty mould as paddocks specimens, however in a rainforest situation they show no signs of this at all.

Seeds are best with most of the flesh removed, then soaked in water for 2-3 days. This will drown any grubs which are fond of eating the seed.

If you have a tree on your property with an excess of seed, please bring some for us to propagate in the nursery. We will be more than pleased.

**BARUNG LANDCARE ASSOCIATION
MANAGEMENT COMMITTEE**

Joan Dillon
Joe Herron
Linda Ivezic
Marek Malter
Mark Savage

John Dillon
Craig Hosmer
Neil MacLeod
Kerry McIntyre
Jan Tilden

Barung Landcare...



**BARUNG LANDCARE ASSOCIATION
STAFF**

Coordinator
Assistant to Coordinator
Nursery Manager
Nursery Guru
Revegetation Officer
Farm Forestry Officer
Advisor
Newsletter Editor

John Muir
Mim Coulstock
Marc Russell
Denise Irons
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