



BARUNG LANDCARE NEWS

FROM CHAINSAW...

...to Fine Furniture

at Maleny Show Pavilions & Grounds - May 1,2,3 from 10am - 4pm



Ashley Sewell

FOURTH YEAR OF EXPO ON TRACK!

Barung Landcare's woodworking expo is on track to be the best yet with a record number of exhibitors signed up for the 3-day Labour Day weekend event. Add to that a Speaker's Tent with special topics covered by a variety of experts in farm forestry, native timbers and landcare; an historical display by the Caloundra City Library and the Landsborough Historical Museum in the Maleny Players building; a working steam engine from the early 1900's which was used in the timber milling process and an old pedal drag saw. There will be buskers for music and plenty of food and drink on hand by the Maleny High School and the Maleny Players. And to top it all off, there will be a cross-cut saw competition - heats on Saturday, finals on Sunday - no experience needed, although it may help if you want to win!

This will be the fourth year for the expo. Each year the quality of the woodwork has grown along with the stature of the event. Visitor numbers continue to increase with over 5,000 people attending in '98, and giving it high marks and glowing compliments. And the economic benefits to the region (while more difficult to quantify) are undoubtedly substantial.

Organized and run by Barung's volunteers and staff, the expo reflects our strong commitment to landcare and spreading the messages of the beauty of native timbers as a renewable resource, the importance of farm forestry to the future of our native forests, the crucial role of revegetation in controlling soil erosion and improving the water quality of our creeks and rivers, and the benefits of supporting our local artists and woodworkers.

From Chainsaw to Fine Furniture is Barung's most important fundraiser each year. The income generated is the key to our ability to carry to completion our landcare education and revegetation projects. Funds raised help match those grants that require dollar for dollar matching.

A key component of the expo's success to date has been the support from the Dept. of Natural Resources, through Ashley Sewell, the man who came up with the expo concept. DNR and Ashley will be there again this year. We are also thrilled to have the speakers' tent, courtesy of the Mary Valley Sunshine Coast Farm Forestry. Our heartfelt thanks to DNR and MVSCFF for their help.

Overall, the expo is a WIN-WIN-WIN situation: Barung, through its volunteer's efforts, gains critical funding; rental for the venues goes to the Maleny Show Society and the SES; exhibitors have the opportunity to display their work to an audience which reaches far beyond our own community; local non-profit community organisations like the High School and Players have the chance to raise funds; and the wider community benefits from the increased flow of visitors to the event.

VOLUNTEERS STILL NEEDED

The expo would not be a success without the volunteers who donate their time to Barung. Many members have already signed up as volunteers for the weekend, but we still need more help. If you can give some time on 1-3rd May, or on the set-up day (Friday April 30th), please call Mim Coulstock at Barung and let her know, or visit Barung and sign up on the volunteer register. If you would like to be more closely involved in the expo preparations with the thought of taking on a primary role next year, please call Craig Hosmer on 5445 7325.

THE INAUGURAL BARUNG LANDCARE CROSSCUT SAW RACE

A new attraction at the expo will be the Crosscut Saw Race with heats to be held on Saturday May 1st and finals on Sunday May 2nd. There will be heats and finals for three groups: Oldtimers, Pups (under 50's) and Jack & Jill with trophies being offered for all placegetters. A Perpetual Trophy for the Oldtimers is being donated by Norman Austin of Hinterland Mobile Mills.

Now, what Barung needs - apart from competitors - are items/tools which timber cutters from the days of the crosscut saw would have used out in the bush, for a historical timber cutting display in the Maleny Post Office window during April. If anyone can loan us items from that era, please bring them into Bradbury's Solicitors Office, downstairs in Rainforest Plaza before April 16th. All items will be carefully looked after.

Several local business people have already come forward in support of this event. Anyone else who would like to help sponsor this competition is most welcome. All sponsors will be publicly acknowledged at the expo and all sponsorship donations are fully tax deductible. Please pick up a sponsorship form from either Barung or Bradbury's Solicitors, and dust off those tools for the PO display.

April - May 1999



PRESIDENT'S REPORT from Joan Dillon

The main topic for everyone lately seems to have been the weather and the effects of the heavy rain in our district and elsewhere. It certainly affected our plans for the *Range to Coast* tree plant. I was in Bundaberg when the Mary River cut the Bruce Highway at Gympie so had a long drive home via Yarraman and Ipswich. It was interesting to see how other soils and vegetation types withstood the inundation.

Hopefully we will all learn some management lessons from the number of slips on the steep and easily eroded slopes of the Blackall Range. Development on slip prone areas clearly leads to considerable costs at a later date. We also need to ensure that the vegetation we plant has a vigorous root system which will bind the soil as well as pump moisture out from the deeper layers. In my own valley, well trodden tracks created by free ranging stock became rushing torrents. To quote the author of a book I am presently reading: "Ninety per cent of landslides in California and in Allegheny County, Pennsylvania, have been attributed to human activity." Careful management of our various activities based on an understanding of our environment must be the key to that seemingly elusive sustainable future.

On a different note, our recent random telephone survey of Barung members indicated that we have many members who do not have time to devote to Barung but are happy to financially support landcare. We look forward to their continued support so that we can sustain our level of activity on behalf of our environment.

The community grant we received from Caloundra City Council enabled us to purchase light portable display boards which will enable us to spread the landcare message more widely. They have already been put to use on the Sunshine Coast to spread the landcare month message of 'The Bigger Backyard' and promote *Range to Coast*. Thank you Caloundra. The support of local government is very important to community groups.

The efforts of volunteers in the nursery and in other activities continues to be appreciated. There have been plenty of seeds to sow lately and whenever I'm at the Resource Centre the propagation and potting up area seems to be a hive of activity and camaraderie. There was no difficulty in collecting an assortment of interesting fruit for the landcare month display at the library. Thank you Inger for putting out a complementary display of books.

The grand finale to Landcare Month was *Range to Coast*, a report on which appears later in this issue.

**BARUNG LANDCARE MANAGEMENT COMMITTEE MEETINGS
ARE HELD ON THE THIRD WEDNESDAY OF EACH MONTH.**

COMING UP - APRIL 21ST & MAY 19TH

**If you have any issue you would like to see addressed,
please contact the office/Joan Dillon.**

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COORDINATOR'S CHAT with John Muir

Firstly a BIG thankyou and well wishes to Jim Watson, our Revegetation Project Officer, who has taken on a NHT Bushcare Support Officer's project position for the Burnett Region with Greening Australia. In the year and a half Jim has worked out of Barung, he has been able to co-ordinate and inspire a large workforce in revegetation projects and his mark will be felt for a long time on the Range. He will be dearly missed by all. Although Jim will be based in Childers, the Maleny and Hinterland is at the southern tip of the Burnett Region, so it will not be the last we see of him. All the best Jim and thankyou.

Fortunately, the wet-season weather which delayed many of our numerous March Landcare Month activities, did not dampen the enthusiasm and final turnout of participants for the Walkers Creek treeplant.

It was disappointing, I must admit, to have spent several hours down at the Sunshine Plaza and Kawana Shopping Centres, manning a display with John and Joan Dillon and Marcelle Holdaway from Lake Baroon Catchment Care (LBCC), to observe the very limited interest shown by the general public. As part of a Landcare Month outreach program and advertisement for our Olympic endorsed BHP treeplant we had set up a new poster display. Only half a dozen genuine registrations of interest resulted from the two day effort. I feel that this highlights how much of the world lives: not really in touch with nature, the environment, the concept of catchments or as the theme for Landcare Month put it: "The Bigger Backyard"!

This poor result illustrates to me the need for such educational exercises to be presented to the 90% of Australians who are coastal fringe dweller consumers. It also highlights the need to link the price of food and water more to the hip pocket nerve. Perhaps such education would result in the 'real' cost of these resources being paid for by the consumer, which does cover the 'true' cost of production, including Land and Catchment Care contributions.

Our joint display with LBCC focussed on a map which made the connection between the Sunshine Coast water users and the Lake Baroon water supply catchment. The March 27th Olympic endorsed BHP tree plant on Walkers Creek was also emphasised to clarify the connection between the value of trees and downstream water quality. It is a big challenge to make such connections; especially when we hear that some

WELCOME TO NEW MEMBERS

Philip Smith	Edible Landscapes
Bruce Dunn	Sean Magee
Kate & Paul Fraser	Alan Wight
Margaret Brennan	Nev & Nada Fisher
Geoff & Del Smith	Susan Maher
Phil Keatinge	A Atkinson
Liz & Rod Peterson	Wayne Lewis
Graeme Harpley	Neale Tobin
Trish Barnes	Geoff & Alison Noble
Mike Smith	William Lilley
Victoria Rosser	Michael Swanson
Charmaine Boucher	Ian Jones
Craig Barrett	J&E Perriman
Neal Holmes	Trevor Taylor
Beverley & Robert Moran	Mark Bradford
Nigel Petty	Angela & Norm Mackay
Arthur Adams	M&B Flaherty
R&K Neiper	Anthony Campbell

H Cameron

Thank you for your landcare support

people renting houses at Witta are unaware that they are not connected to town water or sewerage. Food for thought!!

New Natural Heritage Trust applications sent off were on 'Landslip Stabilisation' and 'On-ground works in Horticulture'. The second is to assist the Australian Centre for International Agricultural Research (ACIAR) project with which we are involved. This should get funding this month to employ a full time co-ordinator with DPI Nambour, Queensland Fruit and Vegetable Growers Association (QFVG) and Horticulture Landcare Groups in South East Queensland.

We have been finally funded by NHT for a \$52,000 pa 'Corridors of Green' consortium project with Noosa, Gympie & Tiaro Landcares through Greening Australia. This project involves both on-ground works and our first strategic vegetation mapping, which will link into the Habitat 2000 Geographic Information System (GIS) mapping project with the Sunshine Coast Environment Council (SCEC).

It will help us to identify the potential corridors, where the biggest bang for the limited revegetation bucks (\$\$) could be best spent. It will involve the employment of a project worker for 2 days per week, in the field, ground truthing existing GIS information from Caloundra City Council and DNR data bases and collecting new information.

Contact Barung Landcare if you are interested in receiving a copy of the Selection Criteria for this new position, which will be advertised shortly.

The Barung Farm Forestry Sub-committee has drafted a letter, to go to Caloundra City Council regarding a possible Rates Rebate Scheme for Revegetation and Farm Forestry designated areas, which is similar to that developed by Cooloola Shire Council.

Congratulations must go to Caloundra City Council, for approving the allocation of \$200.00 towards trees for every Land For Wildlife member. This is a voluntary program in which Councils encourage and support private landholders to establish Land for Wildlife nature reserves on their own properties.

The amount totals \$8,000 which will be co-ordinated through Barung Landcare's Native Plant Nursery to supply all the stock and species information where required. Well done Caloundra - it certainly puts the ball in other councils' courts to do likewise.

TRIPPING AROUND.....

MOOLOOLAH HEADWATERS WALK

from Jan Kesby,
Mooloolah River Waterwatch Coordinator

In early March I attended a walk organised by Barung Landcare from Mal Nicoll's farm off Hovard Road in Maleny down to the Mooloolah River. Along with community members, one child, a baby and Mooloolah River Waterwatch members, we lowered ourselves backwards down a rope down a rock face to begin the day with some excitement.

We all learned a lot from Barung's Marc Russell's expertise in identifying plants and trees along the way. We also had some avid butterfly experts with us to identify different butterflies, some of which were endangered species.

The upper reaches of the Mooloolah River are certainly a sight to see, with cascading waterfalls, large rocky waterholes and beautiful rainforest. Marc identified 6 endangered species within one 100m stretch of the river! This shows us the need to protect untouched and uninhabited areas like this. I did not haul the testing probe down there, but I am willing to positively guess that it is quite a pristine area. I did however GIS the site to put it on the map.

The climb back up the cliff was tough, but all agreed that it was a very worthwhile day and we hope to see more walks such as this along the river in the future. It increases awareness and makes one realise just what beauty we have on our doorstep and how important it is to protect it for future generations and the survival of the human race.

HINTERLAND LANDSLIP FIELD DAY

Following the recent spate of heavy and prolonged rainfall, with over 1 metre or 40 inches being recorded for the month of February, numerous landslips have occurred around the Ranges. Barung has received many calls inquiring about immediate remedial action, as well as longer term prevention techniques. As a result, a field day on the subject has been organised for Tuesday 20th April from 9am till 1pm.

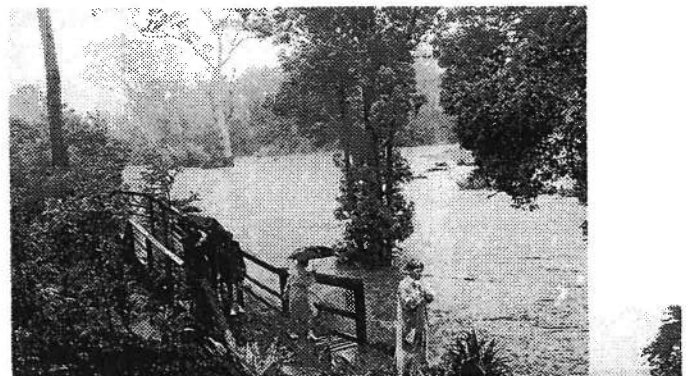


Marc Russell inspects one of the many recent slips on the Range.

With such a wet season, the resulting landslips are very noticeable. If you have had problems or are concerned about potential landslip sites, grasp this opportunity and use the available expert advice on this day. If this wet season continues, the current problems on the Range will only accelerate.

The day will begin with discussion on causes of slippage and techniques for stabilisation. This session will begin at Barung Landcare's Information Resource Centre and Native Plant Nursery. We will then move out into the field to inspect several older treated sites and some more recent landslips requiring attention. Earthworks, direct-seeding and treeplanting options will all be discussed. Specialists in these fields will be on hand for the day travelling around the hillsides.

If you think you have a site worth looking at, please contact us for possible inclusion in the day's program. Registration would be appreciated by ringing Barung on 5494 3151. Please bring suitable outdoor clothing and your own refreshments. A fee of \$5.00 for members and \$7.00 for non-members will apply.



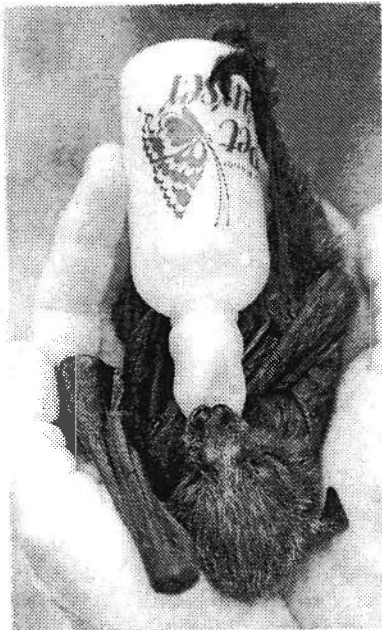
Floodwaters on the Obi Boardwalk - March '99

WHAT IS A WILVO?

from Rid Kennedy & Carmel Givens

WILVOS (Wildlife Volunteers) is an approved wildlife care group dedicated to the rescue and rehabilitation of orphaned, sick or injured native wildlife with the primary aim of successfully returning them to the wild.

The successful release of one animal may seem a very small gain in the face of their wholesale eradication, caused primarily by the destruction of native habitat, but there are many rewards.



Baby grey headed flying fox being cared for by local WILVOS

One of the advantages of this rear and release program is the valuable information compiled which will undoubtedly be of assistance for the proper planning of future development and the encouragement of rational land use.

The increasing awareness of drivers to be more careful and of pet owners to be more responsible by not allowing their dogs and cats to roam, particularly at night, helps ease some of the pressure for our more vulnerable wildlife.

The majority of injured and orphaned wildlife that comes into our care is a direct result of motor vehicle impact and domestic animal attacks. Our contact with all sections of the community, especially

the young, with the resulting education and awareness of the needs of wildlife and the preservation of their natural environment is immeasurable.

Our native wildlife is not only a joy for us to experience but is an integral thread in the web of life.

So how do WILVOS help wildlife? - by always knowing the right action to take considering the broad range of species for which we care. Quite simply: we don't make mistakes. The beauty of an organization like WILVOS is that we have easy access to experts in every field. New WILVOS are assigned coordinators who are there to assist with the many questions and decisions which arise. Yes, we do need more WILVOS. It is not always easy and is sometimes distressing, but the rewards of a successful release make it all very worthwhile.

If you find sick, injured or orphaned wildlife, we suggest you:

1. Take it to the vet, or if there's danger or you do not feel capable of handling the animal, report it at once to the WILVOS on 5441 6200. When handling a sick or injured animal, carry it in a box or wrapped up, keeping it quiet and away from the stress of interested people or pets.

Most vets, especially our caring Maleny vets, will treat injured wildlife free of charge. Donations, if you can afford it, are gratefully accepted for this valuable service and help to cover the cost of medications.

DEADLINE

FOR APRIL/MAY NEWSLETTER

WEDNESDAY MAY 12TH

PLEASE LET US KNOW IF YOU CHANGE ADDRESS SO THAT WE CAN KEEP MEMBERSHIPS UP-TO-DATE. PLEASE RENEW YOUR M'SHIPS

- YOUR SUPPORT IS VERY IMPORTANT TO BARUNG.

THANKYOU

Here's where the WILVOS come in. Once the vet has assessed and treated the animal, he/she will call us if there is a chance of eventual release.

2. The exception to the above is if you find baby animals, especially birds, in particular during springtime. The best carer for baby birds are the parents. Either return the baby to the nest or put it in a container as close as possible to the nest, out of danger from predators e.g. dogs and cats, so the parents can have access to it.
3. If you find a recently killed marsupial, check her pouch. A dead joey we found near the mother was at an age where she could easily have been saved if discovered in time. She could have been raised by a carer and released back into the wild.

Do not pull a joey off a teat. If you cannot take the dead mother to a vet or WILVO, cut the teat from the mother and put a safety pin through it so that the joey cannot swallow it. The suction from pulling the joey from the teat will usually cause brain damage resulting in death within a few days.

If you'd like to know more about becoming a WILVO please call WILVOS on 5441 6200, or us on 5494 3140. Thanks for caring.



SEEDS.

with
Ann Oliver

1999 has started in fine, if wet, form.

February saw a handful of S.E.E.D.S. walking along the Obi Obi in pouring rain, making for a fun time in the mud. The full creek gave a great demonstration of plants along waterways. The children witnessed erosion in gullies and on the bends of the creek and the skatebowl turned into a magic waterslide which was enjoyed by all.



Sandy the Mary River Cod Fairy and March S.E.E.D.S.

March S.E.E.D.S. were introduced to Sandy Jones, the Mary River Cod Fairy, who livened up the afternoon of Cod Talk with cod activities and face painting. Sandy has kindly offered to return to S.E.E.D.S. every second month with an ongoing Cod project. We welcome Sandy with open arms to the lively world of S.E.E.D.S.

There was no S.E.E.D.S. meeting in April due to Easter, but all at Barung hope that the kids and their families had a happy and safe holiday.

May S.E.E.D.S. will be at the Showgrounds (after meeting at Barung) for an orienteering adventure. After a short introduction to orienteering, there will be a small short course, a relay event, a long event, and the afternoon will finish with novelties before we return to Barung at 4.50pm.

Other afternoons planned for 1999 include sessions on domestic and native animal care, remnant vegetation work, reptiles, and in December a night walk Christmas Break-up.

Membership forms for S.E.E.D.S. need to be filled out and memberships paid at the May meeting, so that we have an organised group and a small working account, for what promises to be a great year!

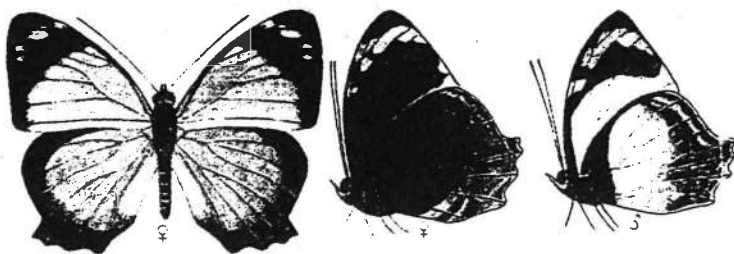
THE WHITE NYMPH

(*Mynes geoffroyi guerini*)

by Bob Miller

If you have the stinging tree (*Dendrocnide moroides*) or (*Dendrocnide photinphylla*) or maybe the native mulberry (*Pipterus argenteus*) in your garden, you may have noticed a cluster of hairy dark brown caterpillars under the leaves.

These will almost certainly be the larvae of the White Nymph Butterfly.



White Nymph *Mynes geoffroyi* × .85. V variable in both sexes, resembles a Jezabel. Forest in e. Qld, other races in New Guinea. Larva with branched spines, feeds on stinging tree. Pupa brown, elongated, irregular. N.

This is mainly a rainforest insect, but as I have found in my garden in suburban Landsborough, they can be enticed out of the bush by planting the native mulberry, being the choice of the above three for obvious reasons.

They are quite an attractive insect with the underside of the wings being cryptically marked with scarlet red, yellow and white on a greenish-black background. The upper side of the wings is creamy white with a fairly broad black band around the edges. The hindwings are delicately scalloped and almost resemble tails.

The White Nymph is a fairly slow flyer, always landing on a leaf or branch with its head facing downwards.

This is my wife Judy's favourite butterfly and as an added bonus, even the hairy looking larvae are able to be safely handled by the kids without causing them itchiness.

The Barung Nursery regularly has the native mulberry in stock, so why not include it in a bushfood (or food for the bush) garden?

Further reference to this or any other butterfly I talk about, can be found by reading *Butterflies Of Australia* by Common and Waterhouse 1981.

VOLUNTEER TRAINING...

PROPAGATION WORKSHOPS THE 1ST & 3RD WEDNESDAY
OF EACH MONTH FROM 2-4PM AT BARUNG

Due to the quantity & variety of local seed ripening now,
workshops will focus on seed preparation & sowing.

If you, as a Barung Member, have any suggestions for the new edition of *THE BLACKALL RANGE LANDHOLDER'S GUIDE* please let us know at the office, so that we can give them fair consideration in working on the 2nd edition.

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NURSERY REPORT

from Marc Russell

You've probably noticed (if you've been into the nursery lately) that things seem very busy. It's because we are busy! The success of the nursery is astounding. It is inspiring to see the growing demand for our local native species and the gusto with which people plant them.

If you happen to be struggling away at your own plots wondering if it is worth all the time and effort, take a minute to consider that countless others are doing the same thing. In our own way we all inspire others to do their bit for the environment, they in turn inspire more people and so on. Like ripples across a pond our positive actions are able to influence humanity on personal, local and global levels.

If you think you need inspiration or you simply need to know more, consider coming into the nursery to share some time and energy. If you have a chance, come along to one of our Tree I.D. walks on the first Wednesday of each month - to refresh, revitalize and reinspire.

Who knows - your positive actions may help influence an army of foresters into taking up shovels.

Propagation Workshops

Do you want to find out for yourself what is growing on your block?
Do you know the difference between a panicle and a petiole?
Do you know how to use "the red book"?

Come along on the third Wednesday of each month from 2.00-4.00pm and join Joan Dillon in investigating some of the "mysteries" of botany as well as learning some practical propagation techniques. Bring plant material from your own block and share information about growth habits, growing conditions and all plant related topics.

Marc Russell shares his very considerable local knowledge with you on the first Wednesday of the month to help you learn about potting mixes and different ways to prepare seeds of various fruits for sowing. Potting up seedlings could also be on the menu. It's even fun!

Calling Barung Members - the Young, the Retirees & Semi-retirees

From our recent survey of Barung members, we found that although Barung has over 500 members, more than 80% are unable to contribute more than their annual subscriptions (for which we are truly grateful), because they are active in the workforce and/or rearing young families and have no spare time. Many of these working members offered to help at a later date when time permits.

Barung needs more members volunteering to carry our increasing work load. We believe that among our members there are many retired, semi-retired and younger people who may be willing and able to help. We need volunteers in several areas including the nursery and the office.

If you have some time to spare, please contact the Barung office on 5494 3151 - we need your help.



Potting, potting and more potting - we need YOUR help!

WANTED FOR NURSERY

2nd hand concrete mixer, preferably electric
- in working order for potting mix preparation.



BARUNG LANDCARE was thrilled by the community's response on Saturday March 27th when over 100 people turned out to assist with planting 2,500 rainforest trees along the banks of Walkers Creek

The weather was kind and great food was provided for treeplanters by Maleny High School, the Lions Club of Maleny and the Maleny History, Preservation and Conservation Society.

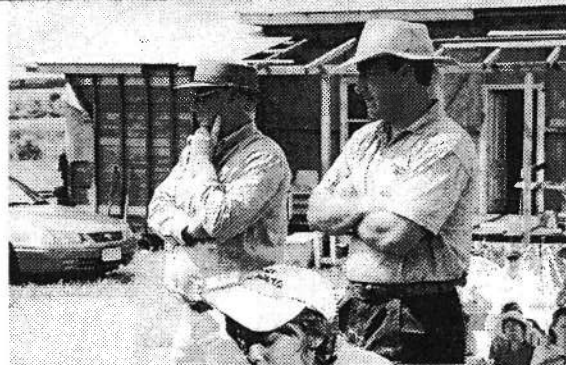
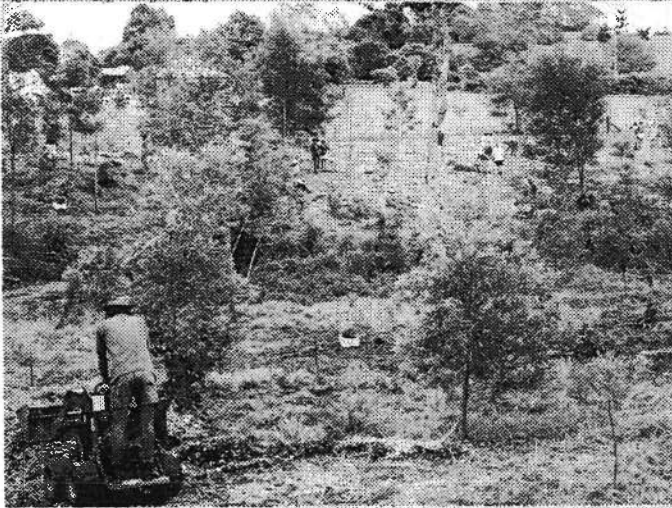
It would be impossible for Barung to organise events of this kind without the help and cooperation of other local community groups and individuals. We are really pleased to be able to offer reciprocal support for the High School fundraising and these community groups. Many thanks to Larelle McMillan and Andrew Crawford from Jedi Wholesale Fresh Food and Vegies for their donation of fruit for the treeplanters. Thanks also to the Work For The Dole music group for the lunchtime entertainment and to Range Reveg for their hours of site prep.

Last but not least, we would like to express our gratitude to Erowal Retirement Village for their support of the project from the beginning..

The day built on last year's successful BHP sponsored and now Olympic endorsed project, which aims to see 2 million trees planted in catchments across Australia by the end of Year 2000. Barung Landcare would like to thank BHP for the chance to

a part of this national project.

Most of all thanks to all the treeplanters - local, coastal and the BHP team - who turned out to establish another 2,500 trees on our waterways. In time, tall trees will once again grace Walkers Creek near Pioneer Cottage.



**RED CEDAR CHAIR
FIRST PRIZE IN
LANDCARE RAFFLE**

Barung Landcare is again raffling some fabulous prizes, thanks to generous donations from the following businesses to help us raise funds for our education and revegetation projects.

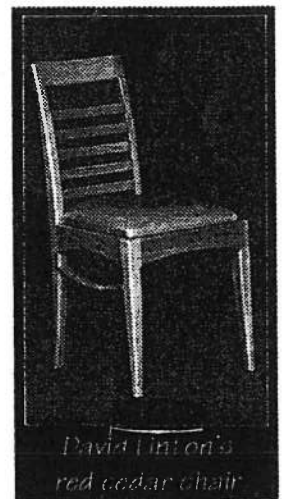
DAVID LINTON FURNITURE: David and Lynne Linton - a beautiful red cedar chair worth \$550, on display in the Maleny Photolab's window in Maple Street.

IN-WOOD (Denis Martin) and HINTERLAND MOBILE MILL (Norman Austin) - a unique camphor laurel coffee table worth \$500, made from one of the trees removed from the Boardwalk and rainforest planting in Co-Op Park on the Obi. Milled by Norman, the timber has transformed through the joint effort of Denis and Norman to create this table.

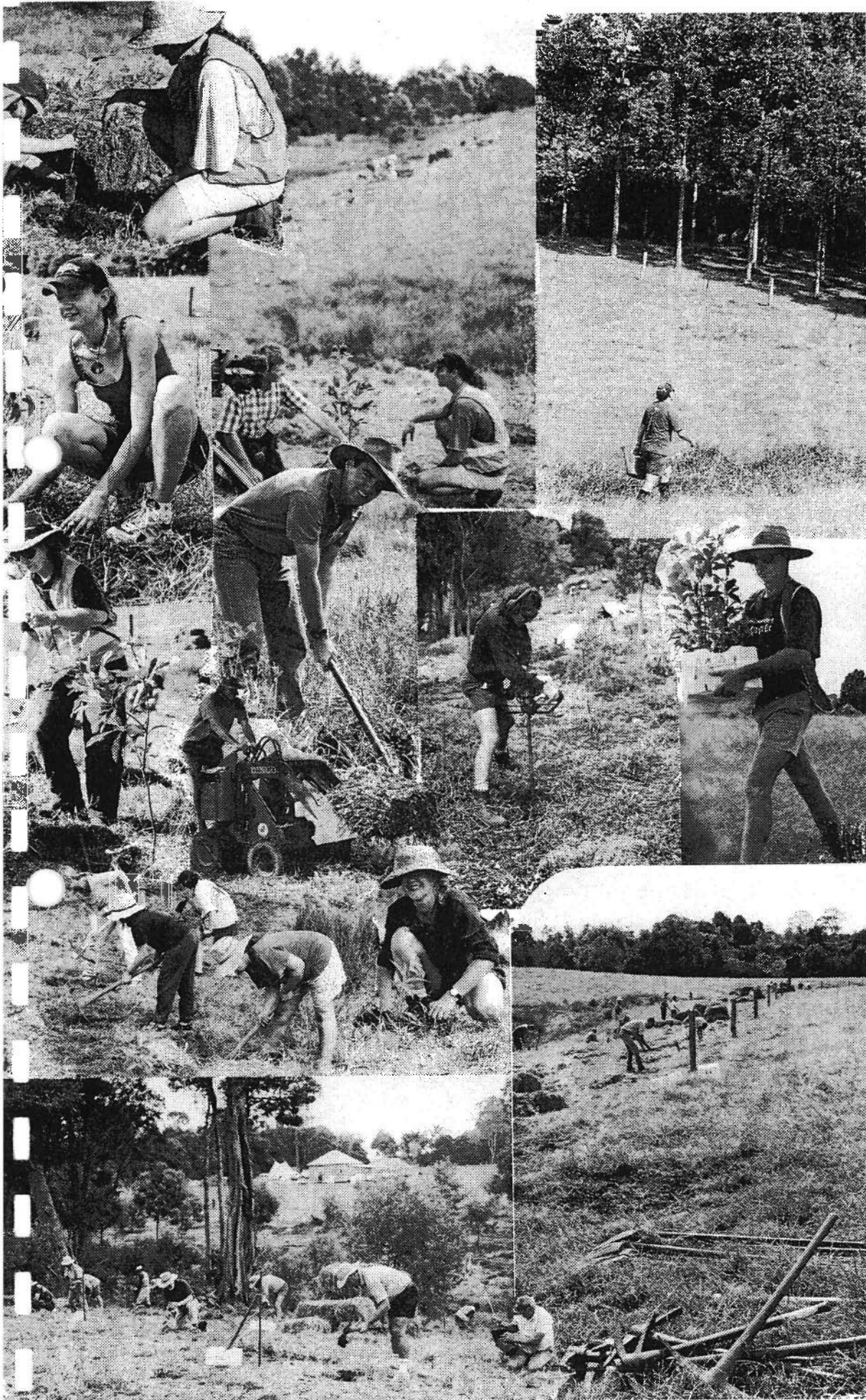
WITTA GUMS BUSH COTTAGES: Stephen and Fiona Hunter - a mid-week two night package for two in one of their stylish self-contained timber cottages with a log fire and rainforest walks on 50 acres, worth \$170.

BENCHPRO 2000: Ray Goodworth - a multi-purpose bench vise worth \$45.00.

TICKETS ARE AVAILABLE AT THE MALENY NEWSAGENCY, THE MALENY PHOTOLAB (SEE OUR WINDOW DISPLAY!) AND BARUNG LANDCARE FOR ONLY \$2. TO BE DRAWN MAY 3RD, AT THE FROM CHAINSAW TO FINE FURNITURE EXPO.



*David Linton's
red cedar chair*





FROM JIM WATSON

If you're thinking of doing revegetation work on your property, and you've been looking at the reams of written material available, you will have come across two terms: REVEGETATION and REGENERATION. These terms may seem similar, but in terms of works you are planning, they represent two very different approaches. REGENERATION is a natural process by which a forest can repair itself. Forests, like all living things, both expand and contract. This movement of vegetation is the process of regeneration.

One of the great pioneers of regeneration work was Joan Bradley. Joan Bradley identified the need to assist areas of native vegetation in recovering from disturbance as far back as the early 1960s. The legacy she left us is a technique that is simple with very little equipment required.

THE BRADLEY TECHNIQUE

Joan Bradley recognised the importance of working with the forest. Choosing an area of vegetation that was not disturbed, Joan and her crew of weekend volunteers, would work along the weedy edges liberating any seedlings suppressed by the invaders. Great care was taken to remove only enough weed growth to encourage the natives to thrive.

This requires no use of chemicals and stresses the importance of the total removal of invasive weeds, including chasing the roots of persistent weeds and removal along the channel created by the root-time consuming but very effective.

The principal was simple: create as little disturbance as possible.

Each site would be visited many times in any one year, with the volunteers gaining a little extra ground each visit. Gradually the integrity of the forest system is restored, until it once again becomes self-maintaining.

After her death in 1987, many critics attacked Joan's approach as uneconomical and too labour intensive. However, for many Blackall Range properties, the Bradley method remains a viable technique for the small scale enhancement of remnants.

COMBAT THE CAT

The Cat's Claw Vine Eradication Project is alive and well and working out of Gympie Landcare Group Office. We have the chemical, do you have the Cat's Claw? One litre packs of Weedmaster Chemical are available for landholders willing to participate in the eradication of this creeping menace.

The creeper has been given a boost by the recent flood rains and will be setting a multitude of seed before going into dormancy over winter. Chemical application now with a follow-up in spring will go a long way towards control of this problem.

The Project Officer, Lyn Browne, is also trying to ascertain the full extent of the problem. Survey forms are available for completion. If you know of any infestation, even if it's not on your property, knowledge of the location will be a valued addition to the data base. For further information or to arrange collection of a chemical pack, please ring Lyn on 5484 1261.



WANTED

FULL TIME REVEGETATION PROJECT OFFICER UNTIL JAN 2001.

- * NHT funded,
 - * working out of Barung Landcare,
 - * position to be filled a.s.a.p.
- Please contact Barung on 07 5494 3151 for details.**

CAN YOU FILL THIS MAN'S UG BOOTS?

Position Vacant


GEOGRAPHIC INFORMATION SYSTEMS (GIS)/ VEGETATION MAPPING PROJECT OFFICER
 NHT funded position for full or part time project officer, working out of Barung Landcare. Part of a two to three year Corridors of Green (Greening Australia) project.
 Ground truthing of local vegetation maps.
 Contact Barung on 07 5494 3151 as soon as possible for details.

COMMUNITY ANNOUNCEMENT

The Sunshine Coast Community Environment Council works to encourage all aspects of ecologically sustainable development. SCEC is managed by a volunteer executive committee who meet monthly to discuss the management and current campaigns. Expressions of interest are invited, particularly from a Hinterland resident, for the 1999/2000 committee. A genuine interest in environmental matters and teamwork is essential, other qualifications or skills are welcome.
 Direct queries to Barbara Schwabe on 5441 5747.

GYMPIE LANDCARE KIDD BRIDGE TREEPLANT on April 18th from 8.30am.

Everyone is invited to assist with this effort, and to view the Cat's Claw infestation which will be dealt with soon. Treeplanters are invited to partake of a sausage sizzle lunch. Enquiries 5483 8866 or 5483 0644

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WITH ELAINE GREEN

At the initial orientation, most of the young unemployed participants admitted to being "bored", wanting to learn something new, or were simply there because Centrelink had said they had to be.



Members of the WFD Music team perform at Barung's BHP treeplant on March 27th.

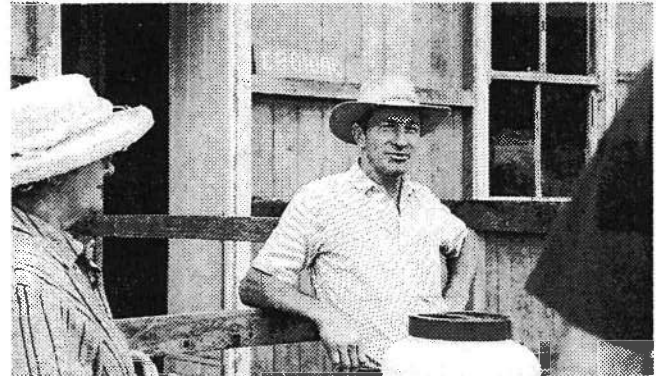
Of the 55 young people recruited during the six months of the scheme, approximately half remained until the end. People left to take up jobs, to undertake further studies, and a surprisingly high number because they left the area. Three of the young participants have become parents. Many juggled emotional issues, house moves, benefits being interrupted and transport problems with their Work For the Dole obligations. Those who remained have formed friendships and gained motivation for their future, having gained skills to assist in future employment.

So, to say that the Blackall Range Work for the Dole scheme has contributed around 10,000 hours of work to the various community projects is only part of the measure of success. The level of human support provided by supervisors and from integrating young people in a work group with a focus cannot really be measured. Yet in so many ways it is the most important measure of all.

My personal thanks to Pam Hunt, Jenny Tatton, Peter Brunton, Steve Langton, Steve McLeish, Spencer Shaw and the volunteer supervisors from the Historical Society for the wonderful

How do you evaluate the "success" of a project like the Blackall Range Work For the Dole scheme? Are trees in the ground a measure of the success of a revegetation project? It's nice and neat to look at physical outcomes and apply objective measures, but it's not necessarily the most important measure when you are dealing primarily with people.

energies that they have given their work groups and the scheme overall. Thanks to Barung for the sponsorship of the scheme and for taking a wider view of community contribution than simply trees in the ground. Special thanks to Mim and Neil for wrestling MYOB and to Jim for his advice and involvement.



Hervey Bryce from the Maleny Historical Society, watches over the Open Day at the WFD renovated Pioneer Cottage at the BHP treeplant.

FROM PETER BRUNTON,
SUPERVISOR OF THE REVEG TEAM

I think we have learned some profound lessons about solutions to such social problems as the unemployed people in our community. The Blackall Range WFD "Reveg" Team accepted this challenge - the same challenge which everyone in the community must take on board.

If we as humans are to sustain ourselves, we must sustain reparations to the eroded hillsides, bleeding soils and choking catchments in our land. We must reverse the decades of mismanagement, utilizing not only academic resources but also the employment potential reserve in our economy: technical, material and human.

The "Reveg" Team is grateful for the opportunity to see, learn about and feel the urgency of these ecological problems. Through the resources and resourcefulness of Barung Landcare, we have been able to accelerate our learning curve and help reverse the damage. We have learnt about arborial and silviculture techniques, native and feral flora ID, soil health, catchment and riparian dynamics, manual and mechanical techniques, workplace health and safety, duty of care, civic and social responsibility, teamwork, hardwork and humour.

We would love to express our appreciation and thanks to the Barung staff: John, Jim and Mim - our anchors, and Bob, Marc and volunteer Mal - our touchstones, for giving us their time, expertise, conviviality and shared shed space. And to Elaine and Jenny - the hearts of the project - and last but not least to Roger and Eric, mentors to the spirit and intent of our hearts.

FROM BARUNG:

Our heartfelt congratulations to all involved in the Work For the Dole project: Committee, Administrators, Supervisors and Participants. You all did a great job and Barung is proud to have been able to play a small part in your success.

Well done and all the best for the future to all the Youth who put their energies into their respective projects - may this experience be of benefit to all of you in the years to come. Keep in touch!

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MARY VALLEY SUNSHINE COAST
FARM FORESTRY PROGRAM

WITH MARK WARNICK

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improved chemicals which are entering the market were discussed. In addition, non-chemical and organic means of weed control were presented.

Co-organiser, Ashley Sewell, Nambour DNR Extension Officer, pointed out that the day covered the whole gamut of agricultural and environmental weeds, with particular emphasis on the practical and operational side of dealing with weeds in farm forestry and revegetation situations. "Weed identification, biology and habitats was covered as well as practical information and demonstrations of removal and control," he said.

It was obvious to me by the turnout that the day appealed to many existing and intending landowners in the region. The sharing of experiences and knowledge of farmers, tree growers and graziers who are experienced in weed control was invaluable to new landholders. It is true that early weed control is one of the most vital aspects of tree growing, although it is probably the one aspect which many tree growers do not adequately achieve.

Neil Halpin, Private Forestry Development Officer with DPI, said there had been striking new developments in weed control which can benefit private landholders.

The day also featured representatives from the Queensland Forestry Research Institute, MacSpread Industries, Caloundra City Council's Weed Officer Peter Bell, "Non Tox Chemicals", and flame thrower alternatives among others.

In the past month I have staffed the regional information centre in Nambour part-time, fielding numerous enquiries from both the private and corporate sector.

1999 sees a comprehensive line-up of field days, workshops and expos throughout the region so keep an eye out for those activities of interest to you. Keep in mind the Barung From Chainsaw To Fine Furniture expo from May 1-3rd, and the National Farm Forestry Expo in Nambour from August 23-25th.

I have liaised with Fitab re job inquiries in the timber industry and now have literature in my office which would be helpful to anyone interested in gaining employment and training in this sector.

I attended the Regional Communities Conference in Nambour and inputted on farm forestry issues and goals. Interesting things to come from that! I also attended the Queensland technical committee for NHT farm forestry applications.

A weeds field day for the Sunshine Coast and Mary Valley's rural communities was held at Barung and nearby properties on Tuesday March 23rd.

Jointly organised by Barung Landcare, Department of Natural Resources, Department of Primary Industries and the Mary Valley Sunshine Coast Farm Forestry Program, the workshop was entitled "Weeds in Trees."

Barung's Education Coordinator, John Muir, said the day focused on increasing knowledge and awareness of the control options available and application methods. As John said "As well as covering the common use of knockdown herbicides, the day looked at the use of residuals which allow a much longer weed-free time. The pros and cons of new im-



In the field at 'Weeds In Trees'

WEEDBUSTERS
8.10AM
- THE FIRST SAT
OF EACH MONTH



See you
at the Boardwalk.

with LINDA IVEZIC & MAL NICOLL

The Saturday Weedbusting team welcomes two new and keen participants Paul McKenzie and Michael Heiner. They are both from Caloundra which doubles our appreciation of their efforts to lend a hand. That's a long way to come to pull weeds. Thanks to both of you.

Saturday weedbusting began again in late January after the Christmas break. Since then Weedbusting is done consistently by our original stalwarts, so we are very pleased to have found ourselves two new regular volunteers.

It was great to get out there again and begin to clean up the results of a hot and wet summer. The growth on the Boardwalk is quite astounding - it is hard to remember how it used to look! Pretty soon, the planted areas will actually be in fair control of their own weeds, which will make our job a lot easier and we can turn our efforts to more recently planted sections.

The next Saturday weedbusting session is on May 8th, from 8am onwards - if you feel like a social couple of hours with good company for the benefit of the town, get on down to the Boardwalk and look for the other weedbusters! See you there!

Found March 6th
- outside Barung Landcare
¾ frame tortoiseshell glasses
Contact office - 5494 3151



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WEED OF THE MONTH

Our weed for discussion this month is the MADEIRA VINE (*Andrera cordifolia*), also known as 'lamb's tail'.



ORIGINS: Like Groundsel – last month's weed – Madeira Vine was brought to Australia as an ornamental, but unlike Groundsel, Madeira Vine is actually a beautiful plant. It was brought from South America because of its attractive perfumed flowers which resemble lamb's tails. It has since become a garden escapee.

DISTRIBUTION: It has naturalised i.e. established itself in self-sustaining colonies, in all states except South Australia and the Northern Territory. Although rare in Victoria and Tasmania, it is considered to be a threat to rocky out-crop vegetation in Victoria. Madeira Vine has established most successfully in Northern NSW and SE Queensland – of course! (What does not do well in our glorious environment?) It is a weed of riparian areas, the edges of rainforest, tall open forests and damp sclerophyll forests.

We Weedbusters have had a really difficult battle with Madeira Vine at the Boardwalk in Maleny. Other local infestations occur in Coral St and at Gardener's Falls and it is a big problem at Little Yabba Creek in Conondale and in Pomona.

Madiera Vine is not listed as a Declared Plant of Queensland, but that does not mean that it is not a problem. It is trying to smother established Hoop Pine plantations and remnant rainforest.

THE PROBLEM: Madeira Vine smothers host trees and competes for light even more aggressively than Cat's Claw Creeper (one

with LINDA IVEZIC

of last year's Weed of the Month species).

It rapidly invades forests and plantations, particularly where fertile soils have been disturbed. It becomes so heavy that its weight can crush the host tree thus allowing more light through the canopy. This in turn promotes further growth of the weed which causes the forest margin to collapse inwardly.

Madiera Vine has been suspected of being poisonous to stock.

DESCRIPTION: Madeira Vine is a perennial climbing vine with light green, heart-shaped, fleshy leaves approx 4-5cm wide. The stems are covered with hundreds of small light brown or green potato-like tubers, which sprout and fall to the ground – and, can you believe this? – they grow more than a metre a week during summer! Reminds me of Triffids!

The 'lamb's tail' flowers around March. The vine grows towards light – the tops of trees – and spreads a dense canopy of 10cm long creamy flowers growing on spikes in clusters.

CONTROL:

Manual: We Weedbusters have put hours and hours of labour into manually digging out roots and subterranean tubers on the Boardwalk. Hand-pull the vine and hang it up – it will not drop its tubers as it dries and dies.

Chemical: If manually removing tubers is not for you, scraping the stems and painting/spraying with glyphosphate water (1:1 or 1:2) has been shown to kill the plant and tuber. Treat actively growing plants with foliar applications of Tarane 200 (fluroxyprester) (registered chemical) at 5mL/L water. Regrowth may occur especially when treating old woody plants with a sparse leaf canopy (Alan Fletcher Research Institute).

Remember the Rules of Weed Control and apply them to Madeira Vine:

be patient and be persistent
..... and beware of the Triffids!

SEED TO COLLECT

cont'd

Some Lilly Pillies endemic to the Sunshine Coast and their fruiting times are:

Acmena hemilampra ~ Broad Leaf Lilly Pilly
– May-July

A. ingens ~ Red Apple – May-Aug

A. smithii ~ Narrow Leaf Lilly Pilly

– April-July

Syzygium australe ~ Brush Cherry

– Dec-April

S. coryanthum ~ Sour Cherry – Sept-Nov

S. crebrinerve ~ Purple Cherry – Jan-Mar

S. francisii ~ Giant Water Gum – Jan-Mar

S. hodginsoniae ~ Red Lilly Pilly – Sept-Nov

S. leuhmannii ~ Riberry/Small leaf Lilly Pilly

– Dec-Feb

S. oleosum ~ Blue Lilly Pilly – Mar-Aug

Waterhousia floribunda ~ Weeping Lilly Pilly

– Jan-April

TWO SPECIES TO LOOK OUT FOR NOW!

Syzygium oleosum ~ Blue Lilly Pilly:

a small bushy tree to about 10m tall. Leaves are simple, opposite and glossy on both surfaces but paler underneath. Oil dots can be seen without a lens, so the leaves are strongly aromatic when crushed (fruity smell). The fruit are purplish-red when immature, turning purplish-blue when ripe, containing one seed. Fruits have an aromatic smell and flavour making them ideal for jams, sauces etc.

If you want to propagate these plants, the seed should be separated from the fruit immediately and soaked for 24-48 hours to drown any grubs and begin germination. Sow in a tray or pot of light seed-raising mix to the depth of the seed (0.5-1cm) and keep moist. Germination should take 20-60 days.

Waterhousia floribunda – Weeping Lilly Pilly:

an attractive, bushy, medium sized tree usually growing to 20m tall. This tree is common along creekbanks throughout the area, usually on alluvial soils below 300m altitude. This is an essential plant for riparian revegetation in this area. Trunks are often gnarly due to the effects of flooding, and mature trees have a weeping habit. Leaves are simple and opposite.

You'll need a lens to see the small oil dots which give the leaves a faint aromatic smell. Fruits are purplish-green and firm when mature. One seed is surrounded by the thin flesh. These fruit are NOT good to eat and the astringent flesh is hard to separate from the seed.

When propagating these plants, use the same method as for *Syzygium oleosum*, but don't bother removing the flesh from the seed.

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Lilly Pilly is the common name given to a group of more than 50 plants occurring in rainforest areas along the Australian east coast and ranges. Although *Eugenia* was the scientific name for Lilly Pillies in the past, more recently these plants have been reclassified into the genera - *Acmena*, *Eugenia*, *Syzygium* and *Waterhousia*.

Many other Lilly Pillies occur throughout rainforests of the world. Some of these may be familiar:

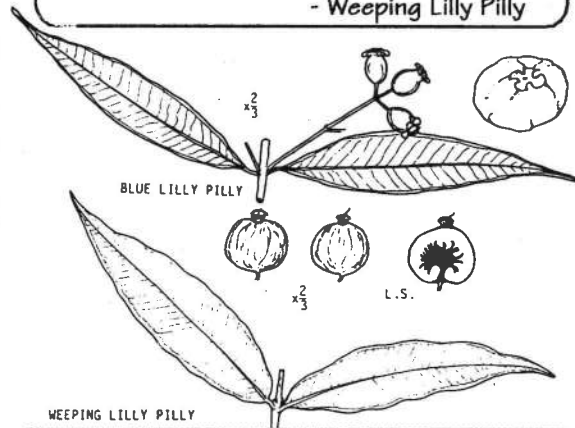
- Eugenia braziliensis* - Grumichama - South America
- Eugenia uniflora* - Brazil Cherry - South America
- Syzygium aromaticum* - Cloves - Moluccas
- Syzygium jambos* - Rose Apple - South East Asia
- Syzygium samarangense* - Wax Jambu - West Malaysia

While some of these plants are a worthwhile addition to any garden, the first two will need to be netted during fruiting to avoid seed being spread by birds. *Syzygium uniflora* is already an environmental weed in some areas as the fruits are so attractive to birds. Seed of the last three should not be transported by birds, however any exotics are best kept away from creeks or seasonally flowing water as this can increase the spread of seed downstream.

Locally occurring species are a different matter. The Sunshine Coast is home to eleven different Lilly Pillies, all of which are suitable for riparian zone plantings. Many species have edible fruit, some more palatable than others, and all are attractive to birds or other wildlife. Most are suitable for windbreaks and screens due to their dense, bushy growth habit and their good response to pruning.

(Cont'd previous page)

Seed to collect April/May
by Marc Russell
SYZYGIUM OLEOSUM - Blue Lilly Pilly
WATERHOUSIA FLORIBUNDA
- Weeping Lilly Pilly



Illustrations from "Trees & Shrubs of Rainforests in NSW & Southern Queensland" published by Uni of New England.

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