Barung LANDCARE

WORKING FOR OUR FUTURE

Barung Landcare Association Quarterly Newsletter

Autumn 2016

www.barunglandcare.org.au

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nursery@barunglandcare.org.au

Retail Nursery:

Porters Lane NORTH MALENY

WED to FRI: 9am - 3pm

SAT: 9am - 12noon

Production Nursery:
135 Forestry Rd
LANDSBOROUGH
by appointment

THE BARUNG FAMILY

VOLUNTARY MANAGEMENT COMMITTEE

President	*Lindsay Kruger*
Secretary	*Raine See*
Treasurer	*Alan Harrington*
Committee Members	*Lin Fairlie*
	Ian McMaster
	Sue Brieschke
	Fi Emberton

BARUNG STAFF

Barung Resource Centre & Projects

Jonathan Waites	Projects Officer
Theresa Bint	Office Coordinator
Steve McLeish	Barung Events
Den Lalor	Admin/Project Support Officer

Barung Nurseries

Wayne Webb	Production Nursery Manager
Cali Salzmann	Retail Nursery Manager

Barung Natural Area Services

Luke McWilliam	Manager
David Luhrman	Team Leader
Brenton Schwab	Team Leader
Kate Brooks	Liaison Officer
Lisa Chin	Acting Liaison Officer

...and our many Volunteers.

Barung Landcare acknowledges the Yinnibarra people who are the traditional custodians of the land we are standing on.

PRESIDENT'S REPORT

by Lindsay Kruger

Barung Landcare's Wood Expo – From Chainsaw to Fine Furniture

True To Its Roots

"From Chainsaw to Fine Furniture" Wood Expo started as part of Barung Landcare's reason for being: the event serves to value and promote sustainable native timber use, to support local economic development, to benefit the regional community and to conserve and enhance the rich diversity of the natural resources of our region.

The Maleny Wood Expo promotes the growing of local tree species and the farming of trees as an economically viable, alternative land use with environmental benefits. It promotes the knowledge and skills of craftspeople and artisans, with some of their best work presented for the Wootha Prize judging. Local and regional craftspeople are the first to be given the opportunity to exhibit their work.

Founded in 1996, the Expo was the brainchild of Ashley Sewell: Barung Landcare founding member, Queensland forester and Department of Natural Resources & Mines extension officer.

For the first six years, this far-sighted event was run only by volunteers. Today it is still largely run with volunteers, Barung staff and Expo staff. Its success is due to many people working together to realise a shared vision.

Thank you: we wouldn't have survived without you.

The first Wood Expo committee members:

Greg Jendra	Daryl Reinke	Randy DeGraw
Sammy Ringer	Craig Hosmer	Maree DeGraw
Denise Irons	John Muir	
Lisa Woods	Mark Russell	

Like all long-term events, changes are made along the way for a variety of reasons, primarily to ensure that the event remains viable. Whereas the early Wood Expo programs were patronised by men, there is now a big increase in women and families interested in woodwork and in attending workshops.

This year there were 12 speakers and educators talking about the importance of flora and fauna and how to achieve healthy ecosystems. We are showing the community how it is done! We are performing a vital educational role.

Barung Landcare's Nursery Expo tent always does a healthy trade in selling native trees. Our nursery has distributed two million local provenance trees throughout our region since 1989.

What Barung Landcare advocated for all those years ago, and still does, about the value of our native forests, has become widely recognised; that the farming of native trees is an economically viable, alternative land-use with environmental benefits.

Plant Profile *by Wayne Webb*

ROUGH MAIDENHAIR FERN

Adiantum hispidulum

Family: Adiantaceae

Adiantum hispidulum is a hardy clumping fern with attractive pinkish-red new growth, contrasting with the dark green older fronds. It grows 30 to 40 cm in height, and clumps may spread to 50 to 60 cm across. Fronds are fan-shaped with around seven fingers ranging in length from around 15 cm to 3 cm, decreasing from the centre to the outside. Each finger has leaflets arranged alternately along its length. *Adiantum* is a well-known genus of ferns, commonly known as 'maidenhairs'. There are about 200 species worldwide with around nine native to Australia. Maidenhair ferns have long been popular in cultivation, with many selected forms and hybrids available. They are widely grown throughout the world as glasshouse, bushhouse, and indoor plants. Rough maidenhair can justify its place in any collection of ferns, its coarser texture contrasting well with the fine lacy varieties, along with the colourful new growth. As with most ferns, it should not be kept over-wet when grown as a container plant, a common cause of failure.

Adiantum hispidulum is a very widespread species. In Australia it is found from Victoria to north Queensland, across to the Northern Territory and the top of Western Australia. It also occurs from tropical eastern Africa through Asia/Malaysia to New Zealand and other Pacific Islands. It is common in rainforests and wet sclerophyll forests, and along creek lines and in moister spots in more open forest. It prefers soils high in organic matter, and is often found among rocks where leaf litter has accumulated. It is frequently seen growing along road and track cuttings where seepage and shade are available. Established clumps can tolerate dry spells quite well, along with fire. New fronds are quickly produced after rain. While Rough Maidenhair makes an attractive container plant, it is also very useful as a garden subject. Clumps are ideal for filling those shady corners where not much else will grow, and they look fantastic beside ponds or among rocks along a garden path.

Adiantum hispidulum can be simply propagated by dividing clumps. It can also be propagated by spores. While specialist fern nurseries propagate under sterile lab type conditions to ensure high rates of success, Rough Maidenhair is hardy enough to try at home. I have tried by simply laying mature fertile fronds (they're the ones with dark brown spore sacks on the back of the leaves) over damp propagation mix in a seed tray. The spores should be released over the tray as fine dust within a few days. Remove the fronds, place the tray in a shaded moist position (e.g. a glasshouse), water occasionally to keep the mix moist but not wet, and be prepared to wait. It may take months for baby ferns to appear; these can be potted up once they are big enough. Rough Maidenhair will often self-regenerate in rainforest plantings once there is enough shade to prevent competition from grasses and other weeds, and especially where there are banks of bare soil with some water seepage. The dust-like spores can be carried over large distances, and these ferns do pop up in unexpected places.

Gardens for Wildlife

Jonathan Waites

Projects Officer

GfW members and others have been active in 2016. We have had five very well attended workshops since February, several of which were booked out.

Create a garden paradise for wildlife hosted by Jenny Allen and Susie Duncan (Hinterland Bush Links) in February and March at Jenny's property was so popular we had to repeat it twice! Participants were walked and talked through Jenny's permaculture garden and were able to observe her long-term project developing a garden for people and wildlife, as well as appreciate its role in connecting habitats.

Bring beautiful butterflies back to our backyards with Helen Scwhencke (also in March) was hosted by GfW member Jillian Rossiter in her garden in Buderim. Helen ran a butterfly workshop for us last year in Susie Duncan's garden and Jillian was keen to run it again for those who missed out the first time round. This event was booked out and included a short impromptu talk by Sunshine Coast Council's Senior Environment/Conservation Officer John Birbeck, on the importance of gardens for wildlife in urban areas to connect wildlife habitat.

Fungi, fun and facts, our latest workshop, was run by noted mycologist and co-author of *Australian Subtropical Fungi* Fran Guard for an enthusiastic audience in the Conference Room at Hinterland Business Centre. Fran described the two main types of fungi – Basidiomycetes, which develop their spores on the outside of special club shaped cells called basidia and include agarics, puffballs, leathers and other macrofungi; Ascomycetes which develop their spores in groups in a sac like structure called an ascus. Other types include rusts and smuts, some fungi that live in water, grow on the surface of leaves or inside plants and animals.

Gilled fungus growing on a rotting palm stump

Different groups of fungi have various ecological roles within ecosystems:

• detritivores (also known as rotters and saprotrophs) break down organic matter,

• mycorrhizal fungi form symbiotic relationships with plants (particularly trees) to each other's benefit. The fungi form structures with plant roots, allowing them to supply the plant with water and minerals in return for carbohydrates and sugars. Orchid mycorrhizae (specific to orchids) are particularly important during orchid germination because their seed has very low energy reserves and obtains carbon from the fungus,

• a small group of macrofungi is parasitic and may parasitise other fungi, plants, and insect and beetle larvae. Some harm or even kill their hosts but many do not. This group (along with detritivores) also contribute to hollow creation in living trees, a very important service for the large proportion of our wildlife which are hollow dependent,

• specialised fungi such as lichens involve a symbiotic relationship between an alga or cyanobacterium with a fungus. The alga or cyanobacterium supplies carbohydrates and sugars to the fungus through their ability to photosynthesise in return for water and minerals from the fungi.

Fungi provide food for invertebrates and mammals, which spread fungal spores in return for the favour. One such mammal being Barung's unofficial mascot, the Long-nosed potoroo (*Potorous tridactylus*) which relies on truffles (the fruiting body of a subterranean Ascomycete fungus) supplying a large proportion of its diet in the wild. Mammals may become prey for predators (such as eagles) which can carry them (along with the fungal spores in their gut) long distances, thus spreading the fungi well beyond the range available via their own capacity.

Fran supported her presentation with a number of fresh specimens she had collected, as well as some brought in by participants. Unfortunately fungi are currently in short supply due to the dry weather. For those of you interested in a copy of Fran's book (see advertisement on p 7), we are currently sold out but expect to have more after the middle of June.

Creating a front garden for wildlife workshop

Keep an eye out for more information about our upcoming GfW workshop series ***Creating a front garden for wildlife*** to be held on Thursday 21st July. Using the space in front of the Hinterland Business Centre (which houses the Barung office at 38a Coral St) and with the support of Edith-Ann and Carol, this will be the first of three workshops run by Joan Dillon which will show participants how to re-make a small front garden into a garden for wildlife. It will be a mix of theory and practice for those who would like inspiration and guidance in transitioning their own front yard. The second and third workshops in the series will follow in August and September.

Bar-sided forest-skink near Montville

Birds of the Blackall Range

Brown Honeyeater
by Eric Anderson

The Brown Honeyeater is a LBB (little brown bird), averaging 140 mm in length and with a big melodious voice. As a singer it has no superior among the Honeyeater family. This olive-brownish coloured bird with yellow edged flight and tail feathers has a long down-curved black bill suited to feeding at deep tubular flowers. Distinctive is the small yellow triangle behind the eyes.

It is an active species that flits between trees, quarreling with all and sundry, but also raising the alarm whenever a predator – cat, snake, bird of prey (or innocent human) appears. They feed on nectar and insects for which they forage vigorously at all levels of the trees.

Found throughout much of Australia, generally excluding Victoria and South Australia, in a range of climates and types of vegetation from mangrove, forest, woodland and heath to suburban parks and gardens.

Breeding occurs in the second half of the year. The nest, often built close to the ground, is a small neat cup woven from bark, soft grass and plant down bound with spider web and lined with wool and hair. Both sexes build the nest where 2-3 matt white eggs are laid. The eggs hatch in about 14 days with another 14 days for the young to fledge. Brush Cuckoo, Pallid Cuckoo and Horsfield's Bronze-cuckoo may parasitize the nests.

Brown Honeyeater, Mt Isa

Brown Honeyeater, Cromarty Wetlands

Nursery Notes

Cali Salzmann
Retail Nursery Manager

A huge thank you to all the volunteers who helped Barung nursery set up, man and breakdown the nursery tent at the Wood Expo. It was a well organised and successful event because of your help. We certainly couldn't have done it without you.

We are busy tubing and weeding as we prepare for the next show, the **Garden Expo in Nambour** July 8,9 and 10th. We will also be present at the **World Environment Day** in Cotton Tree June 5th. A big thank you to the volunteers and committee members who are representing us there.

Thank you also to those people who have been bringing in seed. I usually don't mention names as I am always aware that someone will be forgotten, but I must give credit to Diana O'Connor who has been instrumental in providing seed to the nursery. Thank you all very much. Speaking of seed, if you are walking around your property and see things in seed, let us know and we will come out to collect it.
You can email us at nursery@barunglandcare.org.au or ring me on 0429108295 or Wayne on 0429943153.

Perhaps interesting to some of you, we have been using beneficial bugs to combat pest insects at both Landsborough and Porters Lane. By not resorting to spraying pest insects, our natural predatory insect population is increasing. We have used lacewing larvae and adults, ladybeetle larvae and adults, which are both general predators, and predatory mites against two-spotted mite. For further information, have a look at the Good Bugs website, or Bugs for Bugs. It works well!!

Regards,

Cali and Wayne

Thank you to Edith Ann and Carol from the Hinterland Business Centre for donating a water dispenser for staff and volunteers at Barung's Landsborough Nursery.

Barung Landcare Retail Nursery
Porters Lane, North Maleny

Open Wed, Thu, Fri (9am - 3pm)
and Saturday (9am - noon)
Phone 0429 943 152
nursery@barunglandcare.org.au

20 years and still going strong
2016 Maleny Wood Expo

by Steve McLeish

MALENY WOOD EXPO 2016
from chainsaw to fine furniture

This year was our 20th Maleny Wood Expo and it was a great success. Here is a selection of the feedback that has come in so far.

"What I like best about the expo is the family friendly atmosphere, more of a medieval fun fair with music, excellent food and the Green Man lurking in the woods. The best wood show by far in Australia!"

Chris Clark Editor - Australian Woodsmith Magazine

"We reckon The Maleny Wood Expo gets better every year and we thoroughly enjoyed this one with all the happy crowds. The rain just made our garden happy! Thanks so much to you all for your positive vibes around our huts. It makes Neil's efforts worthwhile! See you in 2017!"

Les & Neil - Transition Timbers

"Hi Steve, We will definitely be back again. I think it was the best yet and would only have positive feedback for sure. I had heaps and heaps of positive feedback from customers which is a real credit to you and the team. "

Paul – Fab Slabs Timber

I think that says it all...fantastic job everyone.!!!!

We had over 8,000 visitors over the 3 days. On Saturday the sun sparkled and the cars rolled in. A huge thank you to Chris Brooker and the Rotary crew for parking everyone with such grace.

Sunday's rain certainly dampened the visitor numbers and the grounds...but I was very surprised at how many umbrellas there were floating around the site, sheltering smiling people. Many exhibitors said it was their best day, they said the people that came really wanted to be there.

Monday was reintroduced this year to bring the event back to 3 days...it proved to be a great decision. The sun came out again and the site had a chance to dry up. The cars rolled in and it was a wonderful day. The third day helped boost our numbers at minimal extra on-ground costs.

We are steadily gaining the reputation as one of Australia's best timber related shows - in fact some prominent industry leaders are saying say ours is now the best in Australia. Congratulations to Barung and its members for hosting such a quality event.

Work on the 2017 Maleny Wood Expo has already begun. The dates are set, 29th April – 1st May.

Next year is the Wootha Prize's 10th year...so one more reason to celebrate. The theme for the Wootha next year is 'Inside Out'.

Enormous thanks must go out to the Maleny community for its support. Thank you to all the volunteers who take such pride in the Expo and to all the local businesses who generously donate their goods and services to the raffle and the opening night. And many thanks to all our sponsors and supporters.

Sunshine Coast COUNCIL

IT'S LIVE! in Queensland

This event is proudly supported by Tourism and Events Queensland, Sunshine Coast Council and Sunshine Coast Destination Limited.

Thank you to all Maleny Wood Expo Volunteers

Kellie Huddy

Thank you for all your efforts making this year's Maleny Wood Expo another success!

Now that most of us have recovered from this year's Expo, Barung would like to say a big 'Thank You' to the 190+ volunteers that helped out this year!

It has been said before and we will say it again, the show would just not happen without the help of all our volunteers. This was my first time being the Volunteer Coordinator and all the months of hard work paid off in an instant. Thank you to all of you who made my job so much easier. Not only did you all do a really great job in each and every area you volunteered for, but you created a really happy vibe throughout the show.

To be the Volunteer Coordinator and have the opportunity to meet new friends and some truly inspiring people was a wonderful experience. Working with you all during the Maleny Wood Expo was a pleasure and I hope that you all can come along to this year's Thank You BBQ and allow Barung to show our appreciation for all of your amazing efforts in making this year's Expo another success.

Hope to see you there next year

Kellie Huddy

Maleny Wood Expo Volunteer Coordinator

Volunteer Thank You BBQ

Please join us at the Maleny Show Grounds
Sunday 19th June 11am to 2pm
for our annual volunteer BBQ
Please RSVP info@barunglandare.org.au or 5494 3151
to assist with catering numbers
Gluten free, vegetarian options available + live entertainment by Rob Longstaff

Volunteer Feedback Form

Available online here:
http://www.barunglandcare.org.au/survey
Any advice or suggestions for next year would be greatly appreciated!

The 20th Wood Expo Raffle

This year we had the 'biggest and the best' raffle ever!! We are extremely grateful to the community for the superb prizes that we had donated by a wonderful range of artisans and local businesses. Twenty-three brilliant prizes were what made the raffle so successful, resulting in a substantial boost to Barung's coffers.

Also, thanks a ton to the small army of volunteers who sold tickets in the streets of Maleny and every nook and corner at the actual show. Fi's spruiking and her quote: *"You could run but you couldn't hide from enthusiastic raffle sellers"* was very apt. Look out next year, we'll be there again!! Also another big thank you to the Maleny Newsagency for letting us display all our prizes in their main window for a couple of weeks prior to the show.

I think all who went to the Wood Expo would agree that it was certainly a fantastic one and the raffle –'monster' that it was, made at least 23 lucky winners very happy.

Well done everyone.

Thanks from Raine and Martina

2016 Wootha Prize "Against the Grain"

by Mim Coulstock

'The Wood Spirit' by Don Powell

The theme of this year's Wootha Prize competition, Against the Grain, attracted a more abstract interpretation leading to a more sculptural exhibition, although several furniture entries were received.

Maleny's Donald Powell took out First Prize of $2500 sponsored by HQ Plantations with his intricately carved entry The Wood Spirit. Don's interpretation of the theme took him back to fairytales which are against the grain of logical thinking. Don's high relief carving took around two months to complete.

Second Prize of $1000 sponsored by Queensland Water And Land Carers went to another local sculptor, Jack Wilms from the Obi Valley. The Tree of Life was an artful representation of 'life's ups and downs' displayed in 3D on a salvaged red cedar. Jack's piece was also runner-up in the Popular Choice Award!

Third Prize of $750 sponsored by Timber Transitions went to Raf Nathan for his Neo table, made from recycled silky oak. The judges, Pam Maegdefrau, Robert Howard and Richard Vaughan commented that they appreciated its subtle curves and the arrangement of the timbers segments in the top.

'The Tree of Life' by Jack Wilms

David Harriman won both the People's Choice and Craftsmanship Awards for his Noise & Sawdust chainsaw replica, a piece that featured local and salvaged species and obviously attracted a lot of attention. Accepting his award for Craftsmanship at the opening, David explained that making the piece was a challenge. He started with the bar and the chain, reasoning that if he could conquer those, the rest would flow.

Winner of the inaugural Environment Award was Steve Hann for Branch Out, a hollow form surfboard made from Paulownia with shou sugi ban dan (Japanese burnt timber technique) detailing and salvaged Red cedar internal framing.

Thank you to all Wootha sponsors, Selection Panel members and Judges for keeping this unique feature of the Expo alive. And many thanks also to Edith-Ann Murray and Rob Brieschke for your help setting up the exhibition.

Environment Award
'Branch Out' by Stephen Hann

The Wootha Prize is one of the longest running themed national woodworking competitions in Australia. Next year's theme of 'Inside Out' has already been set, so you have plenty of time to come up a concept!

More information about the 2017 Wootha Prize will be available soon at
www.malenywoodexpo.com/wootha-prize

Wootha opening guests admire
'Noise and Sawdust' by David Harriman

Barung Natural Area Services - Projects Wanted!

Luke McWilliam
Barung Natural Area Services Manager

Barung Landcare is in the process of drafting a proposal to participate in the Green Army program as a Project Host and is looking for a range of environmental works over the course of three years.

Green Army activities on your property can include any of the following; Weed control including mapping & monitoring, Site preparation such as ripping soil prior to planting, Tree planting, Pest & disease management, Revegetation, Seed collection, Debris removal (from waterways & bush reserves, Erosion management, Fencing, Interpretation and visitor use facilities, Indigenous knowledge transfer, Flora & fauna surveys including pest animals and plant survival, Vegetation assessments, Water quality survey and Heritage conservation.

Projects can range from as little as one day or multiple days over the 3 year period. For example, a Green Army team could assist with a tree planting project through multiple visits with the seed collection, fencing, planting and assisting with the weed maintenance over three years or through a single visit at any stage of the project.

Landowners will need to supply the project and materials; Barung will supply the Green Army team including the supervisor.

If you want your property to host our fantastic Barung Green Army Team contact Luke via email for an application form.

Please note spaces are limited so this applications must be returned by Sunday 6th June 2016 via email.

Luke McWilliam
Co-ordinator, Natural Area Services
luke@barunglandcare.org.au
0400 666 488

Wildlife Friendly Fencing

Simon Peter's Barung Natural Area Services team found a sugar glider caught up in a barbed wire fence at Berganns Lane, Maleny. They cut the wire and took the glider to a local Maleny vet. At first it seemed as if the damage to the glider's flying membrane was only at the edge so the vet nurse was able to trim the membrane back and it was thought the glider would be able to be fully rehabilitated after a stay with wildlife carers in the area.

Unfortunately upon closer examination it seemed like the glider had been caught on the wire for a couple of days and the circulation had been cut off to one flying membrane meaning it wouldn't be able to be fully heal and it was put down on Sunday.

It's a demonstration that when there's wildlife around barbed wire can have a massive and negative impact.

More information on wildlife friendly fencing can be found here:

www.wildlifefriendlyfencing.com/WFF/Friendly_Fencing.html

Barung Landcare
Natural Area Services

revegetation
bush regeneration
landscape rehabilitation
environmental weed control
project planning & management
consultancy & property planning

BNAS 0429 943 156
contracting@barunglandcare.org.au

Wildlife Friendly Gardening

by Joan Dillon

Artanema fimbriatum - Joan Dillon

The main garden has continued to flourish and parts are looking more like a “cottage garden” than ever. Virtually any garden style can be achieved with an appropriate mix of our local native plants. *Artanema fimbriatum* and *Isotoma axillaris* are consistently colourful and are excellent soft, low plants. Prune hibiscus species heavily right from the start and a dense mid height shrub with many flowers will be the result. Hibiscus foliage is attractive to several chewing insects but the plants seem to cope with the damage. Insects are part of the wildlife anyway.

It’s worth visiting the “Plants for Brisbane Gardens” at Mt Coottha Botanical Gardens to see what can be achieved. They do of course display species and cultivars from many parts of Australia but it’s how they have been grouped and managed which is worth a look. Some shrubs are less healthy than others but gardening is always experimental.

A “bog” garden is developing at the end of the drainage line from the irrigated herb pots and shadehouse. That will be an opportunity to experiment with a range of species which would not normally grow in the rest of the garden, which has to rely on natural rainfall.

An infra-red motion sensing camera has recently been set up to monitor for night visitors, mostly turkeys in the early morning, but one small furry animal has been detected recently. The bandicoots appear to have moved elsewhere but at least no dogs or cats have been seen so far. Another observation has been the arrival of cat birds in the garden, probably a result of maturing large shrubs connecting to revegetated areas. It’s great to hear them moving in.

Some of our autumn/winter birds are now back to mark the change of seasons (decreasing day length if not temperature), notably Willie Wagtails and Grey Fantails. The Channel Billed Cuckoos have flown north, except for one youngster which missed the deadline and is still asking for food from its crow foster parents. Its progress through the winter will be watched with interest as it does seem to be living largely locally.

A second wildlife friendly “garden” is approaching maturity on a ridge in the revegetation zone. This has been an experiment with grasses and different shrubs. Our small population of wallabies grazes along its edge, some digging is being noted, plus some narrow “pathways” through the dense native grass. Strategic placement of the camera will be useful in this area as it now forms a continuous connection with mature planted and remnant trees.

Walks on the Wildside

Raine See

Owing to requests, the Walk on the Wildside was at Jill Morris’s Book Farm last Saturday. We observed Jill’s plantings down ‘cardboard hill’ and from there walked into the forest. Jill and Richard have been revegetating a dairy farm for over 25 years. It is a work of love. Jill’s books, which have an environmental focus, have been children’s favourites for years. The walk took us down a track to the Obi Obi. We finished with morning tea in the forest with a huge platypus frog watching on while Jill read ‘Green Air’ to the children. Watch for an email on the next Walk.

FUNGAL FORAY

Pluteus

by Gretchen Evans

Earlier in the year I went walking with a group in the Bellthorpe Forest. There had been very little rain and there were practically no fungi around. So it came as quite a surprise when walking up from the creek where we had had a refreshing swim to discover a troop of fungi growing on wood by the side of the track.

I had no idea what this fungus was but I could see a pinkish tinge when I looked under the cap at the gill area. There are only a few fungi which produce pink spores, grow on wood and where the gills are free from the stalk. (see Photo below)

Upon consulting our fungi guru, Frances Guard, she determined that it belonged to the genus *Pluteus.* But as is often the case when we find fungi, it turned out to be a probably undescribed species.

Unfortunately, macrofungal research is not highly regarded in Queensland and there is only one overworked part-time mycologist in the Herbarium. It has been estimated that there are possibly 10,000 undescribed species of fungi in Queensland.

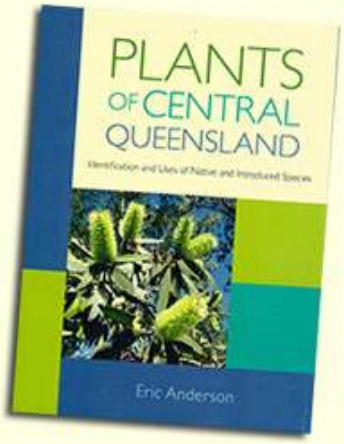
Australian Subtropical Fungi
Sapphire McMullan-Fisher, Patrick Leonard & Frances Guard.

Australian Subtropical Fungi brings together some astounding fungi from forests, woodlands, bush and gardens of the Australian subtropics. This convenient field guide describes 115 fungi, many for the first time. All species are illustrated with attractive colour photographs. In this book, the three authors bring together their years of experience, knowledge and enthusiasm for this incredible Kingdom.

Available from Barung Landcare
$30.00

New Books!

These titles and many more are available at the Barung Landcare Resource Centre in Coral Street or from our online shop:
www.barunglandcare.org.au/e-shop



Plants of Central Queensland: Identification and Uses of Native and Introduced Species

Eric Anderson

CSIRO Publishing 2016

This book provides information on the habit, distribution, foliage and fruits of 525 plant species in the Central Queensland region. With an easy-to-read, non-botanical format, helpful photographs and distribution maps, it will greatly aid anyone interested in the vegetation of central Queensland. Informative notes highlighting declared, poisonous, weed and medicinal plants are included, and plants useful for bees and bush tucker are also noted. These are the most important plants you might see if you live in or travel through central Queensland.

Plants of Central Queensland is based on a previous work of the same title but is greatly expanded, incorporating information on an additional 285 plant species. An excellent, accessible reference book.

576pp; hardcover. $160.00

Ranger Field Guide: Native Plants of Glasshouse Mountains National Park

Qld Parks & Wildlife Service 2015

This Ranger Field Guide has been produced by Queensland Parks and Wildlife Service (QPWS) to provide Rangers and visitors with field identification of plants within the Glass House Mountains National Park. The guide covers a large sample of plant species that occur in the wetlands, eucalypt forests and montane plant communities of Glass House Mountains National Park. Some of the plants described in the guide occur only on Glass House Mountain peaks or in the forests that surround them, while many other plants are commonly found in the Sunshine Coast lowlands. Includes an index of common and scientific names; a profile of each plant showing photographs of the whole plant and distinguishing features as well as habitat and flowering time.

Spiral bound, 184pp. $22.00

Family Bushwalks in South East Queensland

Mark Roberts & Gillian Duncan 2016

Here is a comprehensive guide to the shorter, easier, more accessible family-friendly bushwalks in South East Queensland, covering bushwalks south to the border, north to Noosa and Kin Kin, west to Gatton and east to North Stradbroke Island.

Every bushwalk is illustrated with a brand new, finely detailed topographic map, as well as points of interest, facilities provided, access details and more. There are 75 walks in the Sunshine Coast area alone! All walks are not too rugged or long; most are well-signed and reasonably accessible (no 4WD required). Illustrated throughout with colour photos of flora, fauna and fungi; a scannable QR code on each page links to Google Maps. A great way to enhance enjoyment of this corner of the world.

Paperback $29.95

Miniature Lives: Identifying Insects in Your Home and Garden

Michelle Gleeson CSIRO Publishing 2016

Do you know an aphid from an antlion? An assassin bug from a harlequin bug? Miniature Lives will help you find out! Using this guide, you can search for your insect's identity by type (order) of insect, by habitat or you can work through the handy illustrated identification key.

This entertaining and informative book guides the reader through the basics of entomology (the study of insects). Simple explanations, amusing analogies and quirky facts describe where insects live, how they grow and protect themselves, the clues they leave behind and their status as friend or foe in a way that is both interesting and easy to understand. There are detailed illustrations and colour photographs throughout.
334pp; paperback. $40.00

Local knowledge needed!

Alex Brierley is a QUT student with a request for residents of the Lake Baroon Catchment.

My name is Alex Brierley and I am a student at the Queensland University of Technology (QUT). I'm currently investigating the primary driving forces of landsliding in the Baroon Pocket Dam catchment (working with Seqwater and the Lake Baroon Catchment Care Group); specifically measuring how much soil movement there is on cleared slopes after rainfall events. As part of the background to my project I would like to investigate the historic link between landsliding around Maleny and rainfall. To do this I would like to collect data on any historic landslide events within the last 50 years. I would greatly appreciate if any residents of the Lake Baroon catchment area would be willing to share their experiences of landslide events, both minor and major, over the past 50 years. Information specifically desired is: • The date of landslide event (month and year, if possible day would be great) • Best estimate at location (property name, coordinates, general vicinity of) • An estimate of the size of the landslide (if possible in m2) These recollections will be compared to rainfall data from the previous 50 years which is publicly available through the Bureau of Meteorology website for the surrounding region. It is hoped that with enough recollections of landslide events correlated with rainfall patterns in the area a pattern may be discernible and aid in predictions of future landslide probabilities within the region. Thank you very much for taking the time to read this message.

If you can help Alex, please contact him by email:
Brierley.alex@connect.qut.edu

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