



Native plant of
the month –
Mallotus
discolour
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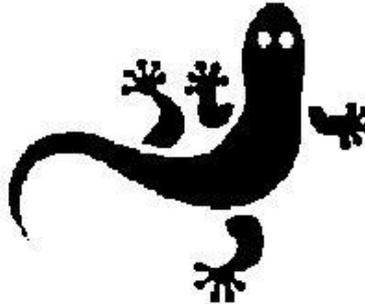


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Local Landcare
news including
Junior Landcare,
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updates and
people
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The Enviro LINK



A monthly newsletter
produced by the
EnviroLINK Centre - a
project of Capricorn Coast
Landcare Group Inc.

ENVIROLINK CENTRE
3/78 John Street
Yeppoon Qld 4703
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October 2017

Date Claimers

- 1st Birdlife Capricornia: **October survey Birds in Capricornia** | Contact Allan Briggs | abriggs@irock.com.au
- 6th – 8th WPSQ Capricorn: **Central Branches Get Together – Camp Out 2017** | 'Safe Haven' near Mt Larcom | \$60 covers food, camping, facilities |
- 14th Emu Park Bush Care: **October working bee** | Marine Parade, southern end | 3.30-5.30pm | BYO water bottle, sturdy shoes, gloves, long sleeves and pants | Contact Julianne Weekers j.weekers@cqu.edu.au
- 19th Livingstone Shire Council: **The Community Centre Open Day** | 10am | morning tea, guest speakers, all welcome
Ph 4913 3840
- 22nd Cap Coast Landcare Group: **AGM** | 11 am | Envirolink, 3/78 John Street, Yeppoon | RSVP 18/10/17 | Pizza and drinks supplied | Ph 4939 1002, email envirolink@cqnet.com.au
- 22nd Capricornia Catchments: **Tilapia Terminator and Wetland Care Day** | Yeppen Lagoon, Rockhampton |
Ph 4921 0573
- 23-29th Birdlife Australia: **Aussie Backyard Bird Count** | [Register here!](#)
- 25th Cap Coast Landcare Group: **Mangroves Cleanup working bee** | 7:45 -10 am | Meet Anderson Park, Tourist Info Centre, Yeppoon | Free morning tea | BYO hat, sturdy shoes, water bottle | Contact Janet 4939 1002
- 26th Fitzroy Basin Association: **Westwood Invasive Plants Information Day** | Free, includes lunch | Contact Vicki Horstman | Ph 4999 2842 or vicki.horstman@fba.org.au
- 29th WPSQ Capricornia Branch: **Fig Tree Creek Discovery Day** | From 8.30am | Anderson Park, Yeppoon | mangrove, flying fox and croc awareness talks/walks, sausage sizzle, marine debris and activities | Contact Greg Thomas | email: gregthomas@wetnet.com.au

COMING IN NOVEMBER: 11 November – Kinka Wetlands Working Bee | 8am – 12noon

11 November - Bring Back the Frogs! Workshop in Yeppoon 3pm – 5pm



Notice of Annual General Meeting



Landcare members and friends are invited to attend

SUNDAY 22 OCTOBER 2017

11 AM

Envirolink Centre, 3/78 John Street, Yeppoon

11.00 AGM
11:45 Committee Meeting
12:30 lunch to follow (pizza and drinks supplied)

RSVP 18 October - for catering purposes please phone 4939 1002 or email envirolink@cqnet.com.au

Reminder: annual membership is due for renewal Oct 2017 (unless previously paid). To vote at the AGM or nominate for a management committee position you must be a paid-up member.

Help support the great environmental work being done in YOUR community!

Please note: the AGM will now be held at the Envirolink Centre, 78 John Street, Yeppoon

plant of the month

Factsheets produced by Helen Gallehawk in collaboration with Nick Smith, Neil Hoy and Bob Newby



Yellow Kamala

Botanical Name *Mallotus discolor*

Habitat/Ecology Coastal rainforests, softwood scrubs and riparian areas. Fruit eaten by the grey-headed flying-fox and various birds.

Home use Long-live ornamental shade tree even in coastal wind-shear environments. Golden/yellow dye from fruits/seeds. Timber pale yellow to white, fine and straight-grained, tough and soft.

Habit Bushy shrub/tree to 15 m; evergreen; separate male and female plants.

Flowers/Fruit **Flowers:** Sep-Jan; sprays to 10 cm.
Fruits: Nov-April; bright orange/yellow and segmented; 2-4 lobes; to 6 mm.

Leaves/Stems **Leaves:** to 10 x 4 cm; green above, greyish yellow/white below with downy hairs.

Bark: Smooth greyish brown.

Propagation Fresh seeds or cuttings; any soil; good drainage; prefers deep soil.

Water/Shade Tolerates frost and full sun. Water until established.

Maintenance Little maintenance once established.



Envirolink Centre

Mon-Fri 9am-3pm
3/78 John Street
Yeppoon Q 4703
Ph. 07 4939 1002



Native Plants Capricornia

401 Frenchville Rd
Frenchville Qld 4701
rockhampton@npq.org.au
SMS: 0477 492 083

Updated 6 July 2017

weed it out

By Malcolm Wells



Nutgrass (*Cyperus rotundus*)

Nutgrass occurs throughout the world, but is thought to be native to parts of Africa and Asia. It is a low growing perennial grass-like plant. Its network of underground stems and small tubers make it a real pest. It produces flowers in summer and autumn, and reproduces from the rhizomes and tubers.

There are foliage sprays that are formulated particularly for this weed, and chemicals such as glyphosate will also kill it. However, the plant will often re-grow as the tubers produce new shoots, so you will need to repeat the treatment. The alternative is to dig out the weeds, but you need to get all the tubers, as it will re-grow from the tiniest tubers that might be missed.

Some experts suggest digging out a large ball of soil around the infested patch and replacing it, to make sure all tubers are removed.

top regeneration tip

By Malcolm Wells



Planting tips

I'm sure most people reading this are experienced at planting, but I would like to offer a few tips for those who are not. If you want a good survival rate for your new plantings, there is more to it than just digging a hole, dropping the plant in and watering it. Choosing native species indigenous to the area is obviously the best way to ensure you have plants that will thrive in our climate.

One mistake people make is to think that buying more established plants will give them quicker success. I did an experiment once, planting 2 wattles in tubestock and 2 of the same species in 6" pots. The tubestock established and grew more quickly. It's also good to select plants that are not flowering, to make sure all the energy goes into growing.

Dig your hole a bit wider and deeper than the plant you are putting in the ground; that way you can have loose, rather than compacted, soil around the new plant. Place a small handful of expanded water crystals in the hole before planting. Then water in well after replacing the soil.

When removing the plant from the container, gently prise out the roots so that they spread out, especially if they are beginning to become pot-bound and curling around.

Water daily for the first couple of days, then extend the time before each subsequent watering to harden up the plants. Hopefully you will be rewarded with strong, healthy and happy plants.

Local Landcare News

Less rubbish in our mangroves

The Great Northern Clean-up was held on 19 September and Landcare was very happy with the turnout on the day. Twenty-eight volunteers, including students from Yeppoon High School, helped pick up 314kg rubbish from our mangroves. This cleanup was organised as part of Landcare's *Community Sustainability Action Grant – Fig Tree Mangroves Community Connections Project*.

The next cleanup will be held on Wednesday, 25 October.



Junior Landcare News

Janet visited Byfield State School in late September to spend some time with their Junior Landcare group and celebrate National Tree Day and Weedbuster Week. Students participated in an interactive session on the ecosystem services of trees. Other local schools will follow this month.



Weedbuster Week Action

Landcare partnered with Livingstone Shire Council to run the recent Weedbuster Week. This year, the Library kindly hosted our four-day long information stall. About 80 people engaged with us during this time on varied weed topics from identification, land issues and management, and treatment options.



Bunnings volunteers work with Landcare

Two volunteers, Helen and Rochelle from Bunnings recently helped us out at our Fig Tree Creek Rehabilitation site for a day. With the months-long run of dry weather, the watering regime had become quite time consuming for our regulars.

As luck would have it, some rain fell a couple of days prior to their visit, so they were able to help us get another small riparian area planted and mulched.



Memorial for Alby

Plans are moving ahead to have Landcare's Rehabilitation Site at Fig Tree Creek named the 'Alby Wooler Park', as a fitting memorial to the man who devoted decades to landcare in our community. We are grateful for the great support received from members and the wider community for this proposal and we await Council's next meeting and subsequent decision.

Landcare AGM

Landcare's Annual General Meeting will be held on Sunday, 22nd October commencing at 11am. We encourage any member who has some spare time and an interest in being involved in the running and future direction of our group to attend and put up their hand. All executive positions will be vacated and nominations taken on the day. A reminder that to vote, you must be a paid-up member – membership renewals can be paid on the day. Looking forward to seeing you!

Landcare at 'Wellness on the Coast'

With the banner – '*Plants are therapy for the soul*' – Landcare attended Livingstone Shire Council's recent Wellness on the Coast event for Mental Health Week.

People participated in making edible plant pots from reusable aluminium cans, and hanging herb balls from biodegradable hessian.



Conservation Conversations

Adani! It's the divisive word on everyone's lips at the moment. You either like the company with their gold-plated promises of employment for thousands and an economic nirvana which will pull Central Queensland out of the doldrums, or you are so alarmed at reports of environmental damage wreaked by this company across the globe that you can't sleep at night because it's coming to a town near you. This column takes the latter view so please exit here if you have no wish to have your nirvana bubble busted.

There seems to be a lot fundamentally and environmentally wrong with Adani's proposed operation and the attitude of our 'leaders', particularly for this time and place - that is, in the 21st century when we are trying to transition to renewables because our planet is doomed if we don't. In other words, the potential for environmental destruction is fatefully extreme if this goes ahead.

To be clear, the Adani Group plans to build 6 open cut and 5 underground mines over 30km, and extract 60Mtpa for 30 years for the Indian Market. The Carmichael Mine is just one of nine (9) mega mines proposals for the Galilee Basin, known for its low quality, high ash grade coal. Consider this gargantuan scale.

For the sake of this short column, here's a couple of key points: **climate** – this massive coal mine is plain bad for the planet, for what are now very obvious and undeniable reasons.

IF AUSTRALIA IS GOING TO TAKE ITS PARIS AGREEMENT OBLIGATIONS SERIOUSLY THIS COAL MUST STAY IN THE GROUND

The **Great Artesian Basin** – this iconic and unique underground watering system helps our very dry and geographically isolated island nation (just in case you haven't thought about our country in those terms for a while) produce food and fibre for its population. The GAB is in grave danger of being permanently damaged; alarmingly, the state government has promised Adani an unlimited water licence.

The list just goes on and on... the 300+km railway line and the rumour that you and I will be paying for this madness from the Northern Australia Infrastructure Facility (NAIF); impacts on the Great Barrier Reef; social problems with FIFO workforce and the decline of

our rural towns; the poor rehabilitation history of mine sites; the high cost of all this Galilee coal back in India; issues with reaching an Indigenous Land Use Agreement; the fact that big banks the world over are saying 'no way'; is the Abbot Point port already in trouble?; and last but definitely not least, their very ??! environmental record. You may well think of more.

I, like many others, were writing about this kind of short-sightedness ten years ago. But back then it was coal seam gas and the LNG industry and concerns about no gas being channelled into our domestic market, and it was another set of deaf ears.

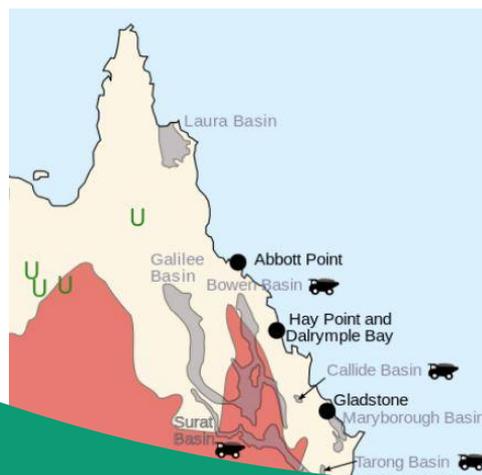
It seems hasty profits and tasty royalties are always destined to get in the way of good environmental practice.

Cheers to good conversations.

Janet Schipke

Disclaimer: The views expressed in this article are those of the author and as such do not necessarily represent those of the wider Capricorn Coast Landcare Group

If you have a view point that is backed by sound environmental science and ethics, please send it in to *Conservation Conversations*



Coal, oil and gas basins in Queensland

(Image: non-commercial reuse license)



Bring back the frogs!

Workshops in National Frog Week

Hop along to one of these workshops to learn about local native frog species and how to conserve them.

Harry Hines

Fitzroy Basin Association's FLOW Centre
 cnr East and Denham Streets, Rockhampton
Wed 8 Nov 4:00 – 5:30pm

Yeppoon Community Centre, John St, Yeppoon
Sat 11 Nov 3:00 – 5:00pm

Free to attend. Refreshments provided. Workshops to cater for all age groups but more suited to 12yrs plus.

To RSVP or for more information:
 Bethlea Bell P: 4999 2835 M: 0439 745 366
 E: bbell@greeningaustralia.org.au



Harry Hines



This Greening Australia project is supported by Fitzroy Basin Association Inc. through funding from the Australian Government's National Landcare Programme and supports the research of UQ's Institute for Molecular Bioscience.



CAPRICORN COAST LANDCARE GROUP INC



MANGROVE CLEAN-OPS MONTHLY

FIG TREE & ROSS CREEKS

25 OCT | 15 NOV | 13 DEC |
17 JAN | 21 FEB | 18 APR |

WE NEED YOUR HELP

A LandCare Community Connections Project 2022-2028

ENVIROLINK
3/78 JOHN STREET
YEPPON QLD 4703
PHONE - 49391002
E: ENVIROLINK@CONET.COM.AU

This project is supported by the
Queensland Government's
Community Sustainability Action
grants program



Capricorn Coast Community Radio

Radio 4NAG is a community run, not-for-profit radio station offering community and environmental groups free promotion for their upcoming events and new items.

If you would like to get your message out to a wider audience and engage others, please phone them on

4939 8211

Radio 4NAG are always looking for sponsors to help them deliver an interesting and professional service to the community.

Address: Community Centre, 3/78 John Street, Yeppoon |
PO Box 346, Yeppoon 4703 | email: nagrado@bigpond.com





welcomes you to a

Fig Tree Creek Discovery Day



Come along and learn about the wonderful complexity of the Fig Tree Creek catchment and mangrove ecosystem, its' role in the health of the Keppel Bay marine environment, the threats it faces and what we can do to protect it.



- Mangrove Awareness walk and talk
- Flying Fox Awareness walk and talk
- Fig Tree Creek Collaborative Story Board with CCLC
- Croc Wise stall
- Reef Blitz Debris collection
- Sausage sizzle
- Live Music by Kate Mahood



When: Sunday October 29
starting at 8.30am.

Where: Merve Anderson Park



Please wear closed-in shoes, sunscreen, sun safe clothing, bring a water bottle.

RSVP for sausage sizzle catering:
gregthomas@westnet.com.au





Capricorn Coast Landcare Group Inc.



ABN: 48 170 539 519

Landcare – a partnership between the environment and sustainable production

General meetings are advised in advance and held at the Envirolink Centre, 3 / 78 John Street, Yeppoon. All memberships are due for renewal at the October AGM (one (1) vote per membership).

Your email will be automatically added to our Envirolink Newsletter and CCLG membership mailing lists.

Please tick this box if you do not wish to receive them.

New member

Renew / Update details

MEMBER CONTACT DETAILS		
Name:		
Address:		
City:	State:	Post Code:
Home Phone:	Work Phone:	Mobile:
Email:		
SIGNATURE		
<i>I support the goals, values and activities of Capricorn Coast Landcare Group Inc.</i>		
Signature of applicant:		Date:

PAYMENT METHOD		
<input type="checkbox"/> Single Membership is \$5.00 GST included.	<input type="checkbox"/> Family Membership is \$10.00 GST included	
<input type="checkbox"/> Group Membership is \$22.00 GST included.	<input type="checkbox"/> Business Membership is \$55.00 GST included	
<input type="checkbox"/> Cash	<input type="checkbox"/> Cheque	<input type="checkbox"/> EFT
Electronic Transfer Reference Number :		
Bank details for on-line payments: BSB 064 712 A/C 10018138 Account Name: Capricorn Coast Landcare Group Inc.		
* Reference deposit with your first initial & surname.		

Please return to:

Capricorn Coast Landcare Group Inc.
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Fax: (07) 4939 1668

Email: envirolink@cqnet.com.au

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Date Received	/ /	Email database	
Receipt Number		Envirolink Newsletter	
		Membership List	



Australian Government



FBA
FITZROY BASIN
ASSOCIATION



Capricornia
Catchments Inc.



QWALC
QUEENSLAND WATER & LAND CARERS



Livingstone
SHIRE COUNCIL