

GREETINGS LANDCARERS

Autumn is finally here, the sun is lower in the sky providing a softer light.

The southerly winds are cooling things down.

Soon the westerlies will kick in and help dry us all out (hopefully)...

It is more comfortable sleeping at night.

Winter greens start to take hold in the vegetable garden.

As a collective we continue to recover.

There are many who are still struggling, trying to figure out how to move forward and where to go from here, what is next?

We will be processing and organising for some time yet.

Reach out if you need help. Reach out if you can help.

We have events happening!

Headlining is the annual BVL Mother's Day see page10 as well as other workshops happening.

Come join us!



R Merdith *Leptospermum scoparium* cultivar (AKA FrouFrou :-)

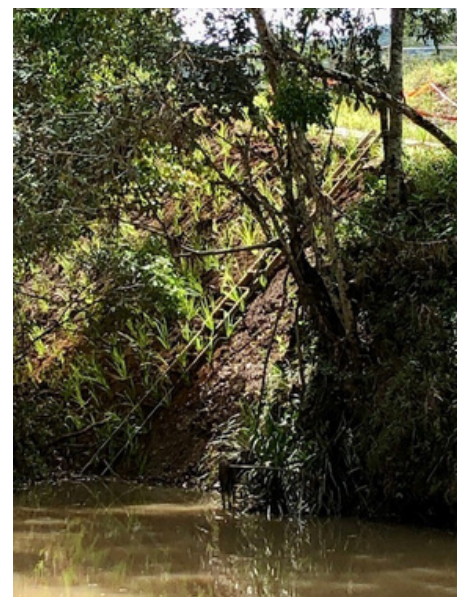
MOOIBAL SPUR COMMUNITY PLANTING

The Mooibal Spur project held a community planting at a Mainarm property on the western border of the project. The planting occurred as a direct result of the recent catastrophic flooding. We had a productive and adventurous morning planting *Lomandra hysterix* into an almost vertical section of collapsed river bank.

The landowner set up a series of ladders and using a hand drill with a planting auger bit the Landcare team quickly plugged in 500 healthy *Lomandra*s.

This planting will help to stabilise a landslip and help reduce the possibility of road access being impacted to the landowner's residence plus the Landcare ET project worksite.

Hopefully the bank will remain stable and the planting will help mitigate further collapse.



This community event is part of the River to Ridge Mooibal Spur project funded by the NSW Environmental Trust.





BYRON SHIRE COUNCIL SMART FARMS INTEGRATED PEST MANAGEMENT WORKSHOP AT MALUA FARM ORGANISED AND PRESENTED BY BVL



Thank you to Ross Arnett of Malua Farm, Lindendale for hosting this event and giving a informative and engaging talk on Integrated Pest Management.
Thank you also to entomologist Christopher Carr from BioResEd\SCU for presenting and providing an amazing array of information on ecological entomology.
Attendees enjoyed an informative discussion and tour of the IPM measures Ross Arnett has implemented on the farm.

Did you know there are around 8 million insects on the planet?
The SmartFarm series is a Byron Shire Council initiative.



LITTLE PENGUINS TO BENEFIT FROM CSIRO'S NEW INVASIVE WEED SOLUTION

Little penguins in Victoria will be among the native species to benefit from a new biocontrol solution to tackle the invasive coastal weed 'sea spurge', which will be released in Port Campbell National Park by Australia's national science agency, CSIRO, and Parks Victoria today.

CSIRO researchers have found that the fungus, *Venturia paralias*, specifically attacks the invasive coastal weed called sea spurge (*Euphorbia paralias*), which threatens nesting sites of native species including little penguins (*Edyptula minor*), as well as impacting on the wider coastal ecosystem. Current control methods include removing the weed by hand or chemical sprays.



CSIRO

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FRESHWATER TURTLES OF SOUTH-EAST AUSTRALIA HAVE HATCHED. DO YOU KNOW YOUR BROAD-SHELLS FROM YOUR LONG-NECKS?

ABC Ballarat Gavin McGrath

There is a citizen-science project underway called One Million Turtles. Researchers are encouraging anyone with an interest in conservation to help count turtles using the TurtleSAT mobile phone app. "Across all of Australia there are maybe 10-15 people working on turtles professionally, so we need all the help we can get," Dr Van Dyke said. "Everyone out there spotting turtles can help tell us learn where they are common, and where they are not so common.

<https://1millionturtles.com>

<https://www.turtlesat.org.au/turtlesat/>

<https://www.abc.net.au/news/2022-04-16/freshwater-turtles-south-eastern-australia-turtles-have-hatched/100986242>



Ecologist Donald McKnight up close and personal with a broad-shelled turtle. (Supplied: Angela Simms)



An eastern long-necked turtle (*Chelodina longicollis*). (Supplied: Donald McKnight)



A Murray short-necked turtle (*Emydura macquarii*). (Supplied: Angela Simms)



North Coast Landholder Flood Recovery Guide

In this newsletter you will find a suite of resources supporting your path to recovery for farmers, landholders, landcarers and rural communities. Click on the link at bottom of page.

Please contact the team at North Coast Local Land Services if you require support that isn't outlined below - 1300 795 299.

General flood support and info

- NSW Flood info and Support
- Natural Disaster Assistance Guide for Primary Industries.
- Register with the Ag & Animal Services hotline if you require emergency fodder, animal assessment, vet advice, to report displaced livestock or euthanasia or burial - 1800 814 647
- Sign up to receive regular flood recovery advice and information via our dedicated flood recovery newsletter.
- Submit a damage report - The primary industries natural disaster damage survey is an online survey farmers and agricultural industry representatives can use to record damage to primary production and animals from natural disasters.
- Special Disaster Grants and Assistance

Animal Health and Welfare

- Livestock Recovery after a flood - webinar - register here
- Caring for Livestock in Times of Flood
- Stock Health Tips After Floods
- Tips for safely transporting flood affected livestock
- A guide for horse care after floods
- Safely Transporting Flood Affected Livestock

Natural Resource Management

- Managing Erosion Before and After Flood Guide
- Understanding Blackwater in the Richmond River Estuary by Rous County Council
- Riparian education - Fast Facts by Rous County Council
- Caring for Wildlife in Times of Flood

Pests & Weeds after flood

- Weed Identification - download the NSW WeedWise App
- Identifying new and emerging weeds after a flood
- Managing feed and fodder risks

<https://www.ils.nsw.gov.au/regions/north-coast>

REGENERATIVE AGRICULTURE

PILOT SOIL MONITORING AND INCENTIVES PROGRAM



The Australian Government announced a \$54.4 million project over two years to support farmers and land managers to access low-cost soil sampling and certified testing in exchange for sharing their data under the Pilot Soil Monitoring and Incentives Program.

EAL at Southern Cross University has been engaged to deliver the soil testing and monitoring, including arranging soil sampling and testing for land managers who have successfully applied for assistance.

Farmers and land managers may be eligible for benefits of up to \$10,000 and receive assistance from Commonwealth-funded soil extension officers to interpret their soil test results.

The program may assist farmers to gather data for Emissions Reduction Fund projects.

<https://www.scu.edu.au/pilot-soils-program/>



REGENERATIVE AGRICULTURE CAN COMBAT CLIMATE CHANGE AND KEEP FOOD ON OUR PLATES. HERE'S HOW IT WORKS

By Marc Fawcett-Atkinson Explainer, Food Insider

Last summer, the world's largest french fry producer, McCain Foods, made Canadian headlines when it promised to convert its entire supply chain to regenerative agriculture, an approach to agriculture that promises to sequester carbon and boost biodiversity.

The New Brunswick potato giant is not alone. Over the past decade, the approach has been promoted by a hodgepodge of both small- and large-scale farmers, environmental and social justice advocates, agribusiness CEOs, tech bros, journalists, and academics. It's even received federal support, with Canada's 2030 emissions reduction plan pledging roughly \$1 billion to help farmers adopt regenerative methods.

<https://www.nationalobserver.com/2022/04/04/explainer/regenerative-agriculture-combat-climate-change?>



Photo by Jesse Winter/National Observer

ARE YOU REPLACING DAMAGED FENCING ON YOUR PROPERTY, OR PLANNING ON INSTALLING NEW FENCING?

When you are fencing in areas next to natural areas with native vegetation on your property or on your neighbours, why not consider installing wildlife friendly fencing?

Areas that native fauna are often found and move through the landscape include: travelling stock reserves, riverbanks/river vegetation, adjoining bushland or reserves, remnant native vegetation on properties or road reserves.

Fauna that are mobile with fur or feathers can often get stuck on barbed wire fencing, causing distress, injury and often death. Keeping our stock contained, while preventing injury to wildlife can be achieved.

To reduce these impacts, simple things such as installing plain wire on top and bottom strands, attaching bright metal or coloured flagging tape or dark piping makes the fencing more friendly (and much easier to see for nocturnal animals).

This lucky glider was caught on a barbed fence, and was rescued and released with some handy gloves and pliers (for the wire!).

Read more here:

<https://www.facebook.com/HunterLLS/posts/300588362100735>

<https://www.wildlifefriendlyfencing.com/WFF/Home.html>

Credit: Hunter Local Land Services.



Photo: Grant Howard.

EVENTS AND SEMINARS

COMMUNITY WEED ID AND WORKING BEE

Come and join us!

Learn to identify weeds and best practice chem free weed removal on the Mooibal Spur walking track.

You will learn techniques such as crowning out and ergonomic ways of tap root and fibrous root removal.

**Meet at the Gathering tree
Cockatoo Cres Tallowood Ridge Estate
30th April 9.30am**

**Wear long sleeves, long pants,
gloves, sturdy footwear,
no thongs!**

Hat, sunscreen, insect repellent.

Bring drinking water.

Morning tea will be provided.



This community event is part of the River to Ridge Mooibal Spur project funded by the NSW Government Environmental Trust



GOOD FIRE SEQUESTERS CARBON

Zero Emissions Byron, Wilsons Creek, Huonbrook and Broken Head Landcare Invites all residents of Broken Head and the Koonyum Range to premiere a local short film on 'Good Fire' and discuss the benefits of coordinating cool controlled burns across these localities.

OVERVIEW OF LOCAL LANDCARE PROJECTS

SCREENING OF SHORT FILM

'Good Fire Sequesters Carbon'

FILM Q & A WITH:

- Oliver Costello, Cultural Fire Practitioner
- Andy Baker, Fire Ecologist

LIGHT REFRESHMENTS

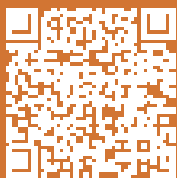
Resident networking to discuss cool burns on private land

WATCH ONLINE

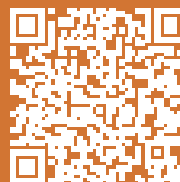
zerobyron.org/good-fire/

To register your interest in applying good fire to your land contact

lcaddick@byron.nsw.gov.au



TUES APRIL 26TH 6-8^{PM}
@ KOONYUM RANGE
(Location on booking)

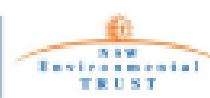


MON MAY 2ND 7-9^{PM}
@ BROKEN HEAD HALL

Proudly supported by



ZERO
EMISSIONS
BYRON



Wildsite Ecological
Services

Jagun Alliance
Aboriginal Corporation

**THE 11TH
BRUNSWICK VALLEY LANDCARE
MOTHERS DAY**

Tree Planting



CELEBRATING ALL MUMS!
SUNDAY MAY 8TH, 9AM-12PM
KARU KALI, COOPERS LANE WEST

**TO JOIN US BOOKINGS ARE ESSENTIAL.
ALL INFORMATION & DIRECTIONS CAN BE FOUND AT:**

MOTHERSDAYPLANTING2022.EVENTBRITE.COM.AU

WEAR GUMBOOTS, HAT, SUNSCREEN, DRINKING WATER, GLOVES, BYO COFFEE CUP!

PLANTING | LIVE MUSIC | FOOD | STALLS



**Brunswick Valley
Landcare
Inc.**



FRRR
Foundation for Rural
Regional Renewal



Echo



**LITTLE VALLEY
DISTRIBUTION**

<https://mothersdayplanting2022.eventbrite.com.au>



The Byron Shire Council SmartFarms series continues. The next event will be held in conjunction directly following on from the annual Mother's Day Community Tree Planting.



Registration is essential via the eventbrite link <https://treesonyourland.eventbrite.com.au>

Trees for your Land

SUNDAY 8TH MAY 2022 1.15PM

Byron Shire Council invites you to learn about the multiple benefits of trees on your land.

Join us for an informative talk and walk with Farm Forestry consultant **Martin Novak**

\$10 PER TICKET

More information and ticket booking <https://treesonyourland.eventbrite.com.au>



Brunswick Valley Landcare

This project is presented by Brunswick Valley Landcare through funding from the Australian Government's National Landcare Program SmartFarms Small Grants.



GRASS ID FOR BUSH REGENERATORS

AABR member- \$65.00

Non- member of AABR - \$70.00

Student- \$55.00

Agency/Local government - \$80.00

- Recognising key features of grasses that are important for identification
- Recognising a range of native and introduced grasses which occur in and around remnant vegetation areas
- Recognising grasses posing a current and future threat to remnant vegetation regeneration and maintenance
- Gaining knowledge on the management of different species
- Learning how to use the reference book Grasses of coastal NSW by Harry Rose

A morning tea is included to provide an opportunity to connect with other bush regenerators. Please wear appropriate clothing for a field trip into local bushland: Hat, long pants, long sleeves, sun protection and sturdy shoes.

**MONDAY
9 MAY
9AM-1PM**

**GRASS ID FOR
BUSH REGENERATORS**

**WOLLONGBAR
DPI**

**1243 BRUXNER
HIGHWAY,
WOLLONGBAR**

PRESENTER: HARRY ROSE

Australian Association of Bush Regenerators
Working with natural processes

**TUESDAY
10 MAY
9AM-1PM**

**GRASS ID FOR
BUSH REGENERATORS**

**WOLLONGBAR
DPI**

**1243 BRUXNER
HIGHWAY,
WOLLONGBAR**

PRESENTER: HARRY ROSE

Australian Association of Bush Regenerators
Working with natural processes



BYRON BIRD BUDDIES NEWS AND EVENTS

At Belongil a young Beach Stone-curlew turned up a couple of weeks ago to join the three already there - which includes the recently banded I3 (i3), the new kid appears to be younger than I3, a Grey-faced Petrel (we think) found on New Brighton Beach (dead) and a White or Red-tailed Tropicbird (hard to tell) landed on a verandah in Goonengerry and was taken to the Byron Hospital and if oK will be cared for by the people at Seabird Rescue
Unfortunately the Beach Stone-curlew at Brunswick NR lost their egg during the floods of last month - we are watching to see if they lay again

Many of us, searched the environs of the Shire for Glossy Black-Cockatoo on Saturday - no birds reported by anyone, but lots of casuarinas with cones and only a few chewed and none appeared to be recent. But please everyone keep reporting any sightings of these vulnerable birds for the next 18 months wherever you see them in the Northern Rivers - Evans Head to Tweeda and out to the ranges.

Wed 20th April 8am - 1pm

To be advised or email richmondbrunswickbirdwatchers@gmail.com
RBB outing will be decided at the end of previous survey.

Wednesday 27th April 2022

Crabbes Creek - Private Property date to be confirmed - Contact 0428864378 or byronbirdbuddy@gmail.com
BBB - Must Register for more details



Beach Stone-curlews



Grey-faced Petrel



White or Red-tailed Tropicbird -
Photo by Marian

WEED OF THE MONTH

Cockspur coral tree *Erythrina crista-galli*

This nasty weed is extremely adaptive and resilient. It survives prolonged flood inundation, salt water, will grow in all mediums including beach sand! This weed is a serious threat to biodiversity, especially riparian zones and flood plains. Originally cultivated as an ornamental.

How does it spread?

Seed

Flowing water moves the pods and seeds. They can also be moved with garden waste.

Plant parts / cuttings

Cut or broken branches can develop roots and form new plants.

These can be spread by dumped garden waste or flood waters.

Control

Physical removal

Hand-pull or dig out small seedlings.

Chemical control

Cut stump method 1:1 Glyphosate + 1g metsulfuron methyl.

Cut trunks or stems and apply herbicide to the stump within 15 seconds of cutting.

Dispose of cut sections or check regularly for sprouting.

Stem injection

Drill, saw or cut with an axe into the sapwood and fill with herbicide within 15 seconds of making the cut. 1:3 glyphosate.

Spraying

There is a permit for spraying but only in the Mid North Coast, Northern Rivers and Far North Coast of NSW.

Apply herbicide from October to May by foliar application using knapsack or handgun. Only apply to plants less than 4 m tall or if using a knapsack, only trees less than 1.5 m tall.

1:50 Glyphosate + 1g Metsulfuron Methyl / 10L + surfactant.

<https://weeds.dpi.nsw.gov.au/Weeds/CockspurCoralTree>



R Merdith



R Merdith



R Merdith



NSW DPI

WORKING BEES

-Why not get out and get involved in one of our local groups?

For all Landcare Working Bees please wear protective clothing - long pants, long-sleeved shirt, closed-in shoes, hat, gloves and bring water, sunscreen, and insect repellent. Please always contact the group co-ordinators before attending a working bee as plans do change!

Bangalow Land and Rivercare, Bangalow

WHEN: every Saturday 8:30am

WHERE: find out from

CONTACT: Noelene Plummer bangalowlandcare@gmail.com 0431200638 66874470

Green and Clean Awareness Team, Byron Bay

WHEN: 3rd Sunday of the month 9:00am

WHERE: Meet Main Beach, Byron Bay

CONTACT: Veda Turner vedaturner@gmail.com 0427 857 991

Heritage Park Landcare, Mullumbimby

WHEN: Saturdays 9:00am – 11:00 am

WHERE: Heritage Park, Mullumbimby

CONTACT: Diana Hughes bromspot@gmail.com

Jinangong Landcare, Ocean Shores

WHEN: 1st Sunday of the month

WHERE: The Tunnel Road, Ocean Shores

CONTACT: Ian Parer ianparer@hotmail.com

Mullum Town Landcare, Mullumbimby

WHEN: last Sunday of the month

WHERE: find out from John Tann

CONTACT: John Tann johntann99@gmail.com

Ocean Shores Landcare, Ocean Shores

WHEN: each Friday at 8.30 – 11.00 am (8.00am DST)

WHERE: corner of Yallakool Drive and Warrambool Road, Ocean Shores

CONTACT: David Kemp dnkemp77@gmail.com 0427 650 861

Tallowood Ridge Locality Landcare, Tallowood Ridge Mullumbimby

WHEN: Second Saturday of the month from 3pm (winter), 4pm (summer).

WHERE: Gathering Tree Pocket Park, Cockatoo Cres Tallowood Ridge Estate

CONTACT: Joanne McMurtry jmcmurtry@bigpond.com

South New Brighton Dunecare

WHEN: 1st Friday of the month 1:30pm - 4:30pm

WHERE: Meet at southern end of the Esplanade at the Strand beach access point.

CONTACT: Robyn Bolden robyn.bolden@optusnet.com.au 6680 1970

Suffolk Park Dunecare

WHEN: 1st Saturday of the month

CONTACT: Helen Brown hellyh@bigpond.com 6685 4964

Tyagarah Landcare

WHEN: Each Thursday 9:00am – 11:00am

WHERE: 23 Prestons Lane, Tyagarah

CONTACT: Bela Allen bela_allen@yahoo.com 6684 7113

Can't find a group near you? We have many other groups who meet on an ad hoc basis (contact us for more details) or if there isn't an existing group in your neighbourhood or you are interested in looking after a particular area, BVL can help you to form a locality group under the BVL umbrella.

LINKS

- Arakwal <http://arakwal.com.au/>
- Border Rangers Alliance http://www.greasternranges.org.au/border_ranges/overview/overview
- Bangalow Koalas <http://www.bangalowkoalas.com.au/>
- Bangalow River and Landcare <http://www.bangalowlandcare.org.au/>
- Big Scrub Landcare <https://www.bigscrubrainforest.org.au/>
- Brunswick Valley Landcare <http://www.brunswickvalleylandcare.org.au/>
- Byron Bird Buddies <http://www.byronbirdbuddies.com.au/>
- Byron Community College <http://www.byroncollege.org.au/>
- Byron Shire Council <http://www.byron.nsw.gov.au/>
- EnviTE www.envite.org.au
- Environmental Trust <http://www.environment.nsw.gov.au/grants/envtrust.htm>
- Friends of the Koala www.friendsofthekoala.org
- Federal Landcare Inc federalandcare@gmail.com
- Local Land Services www.northcoast.lls.nsw.gov.au
- North Coast Local Land Services <http://northcoast.lls.nsw.gov.au/>
- Border Ranges Richmond Valley Landcare www.brrvln.org.au
- Mullumbimby Community Gardens <http://mullumcommunitygarden.wordpress.com/>
- North Coast Nature <http://www.northcoastnature.org.au/>
- Richmond Landcare Inc. <http://www.richmondlandcare.org/>
- Rous County Council (formerly Far North Coast Weeds) <http://rous.nsw.gov.au/>
- Soilcare http://www.soilcare.org_
- Tweed Landcare Inc. <http://www.tweedlandcare.org.au/>
- Wilson's Creek Huonbrook Landcare <http://www.wilsonscreeklandcare.mullum.com.au/>

**For information about Landcare or other natural resource issues in Byron shire please contact
Landcare Support Officer, Alison Ratcliffe 6626 7028
(Mon, Tues, Wed)**

aratcliffe@byron.nsw.gov.au

Project Officer, Rochelle Merdith 6626 7201 rmerdith@byron.nsw.gov.au

www.brunswickvalleylandcare.org.au

