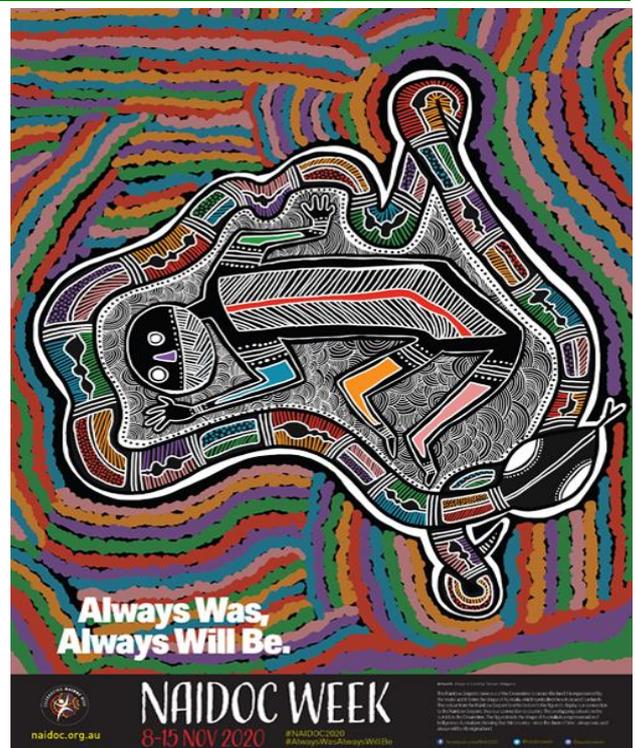


## Greetings Landcarers!

*Always Was, Always Will Be* is a timely reminder of the importance of historical acceptance and truth-telling which is key to reconciliation.

NAIDOC Week is a time to reflect and celebrate the history, culture and achievements of the First Nation Peoples – recognising them as the traditional owners of the land.

We know that the very first footprints on this continent were those belonging to First Nations peoples and that Aboriginal and Torres Strait Islander peoples have maintained ongoing spiritual and cultural connections to the land, waterways and sea. It's exciting to reflect that Aboriginal and Torres Strait Islander people were Australia's first explorers, first navigators, first engineers, first farmers, first scientists, astronomers and artists.



## Tallowood Ridge Locality Landcare Launch

As part of the Mooibal Spur Environmental Trust Grant the new Tallowood Ridge Locality Group has formed. We recently had a launch with a walk along the ridgeline to discuss weeds, check out nest boxes installed with project funds, bush regeneration progress and techniques.

Attendee numbers were kept in line with COVID guidelines and family groups were encouraged as seen here in this pic!



## Wildlife friendly fruit netting

As the weather warms up and fruit sets in backyards and farms animals and birds are attracted to an easy feed. Nasty netting is now banned. If you have old netting wrap it up tight, bag it and throw it in the bin! Replace it with wildlife friendly netting.

<https://www.wires.org.au/wildlife-info/wildlife-factsheets/wildlife-friendly-netting>



# Ecology in the Pub

## Celebrating Albert's Lyrebird



**MONDAY, 30 NOVEMBER**

**6:30 – 8:30PM**

**(Come at 6pm to order dinner)**

**Courthouse Hotel, Mullumbimby**



*Learn about the elusive Albert's Lyrebird from wildlife ecologists and conservation scientists:*

- *Tim Low, wildlife biologist and author of "When Song Began". Lyrebird evolutionary history.*
- *Sandy Gilmore, wildlife ecologist, has studied lyrebirds locally for many years.*
- *Fiona Backhouse, lyrebird researcher from Western Sydney University, will tell us about Albert's Lyrebird song and dance.*

Tickets free with donations at the door. Numbers are limited, so please book early and cancel online to free up the seats if you change your plans

<https://www.eventbrite.com.au/e/ecology-in-the-pub-celebrating-alberts-lyrebird-tickets-128929360187>

*This project has been assisted by the NSW Government through its Environmental Trust*





## Main Beach Shoreline Project.

Bluecoast Consulting Engineers have developed a suite of seven discrete concept designs for the foreshore structure and are looking for feedback from the community to assist them in developing a preferred approach for detailed design. You are invited to provide input to the project during the period of engagement - **11 November to 9 December 2020**. Your perspective and feedback will be valuable in assisting Council to identify the most appropriate way to manage the foreshore at Main Beach.

Please see the attached Project Fact Sheet <https://www.byron.nsw.gov.au/Services/Environment/Coast-and-waterways/Coastal-projects/Main-Beach-Shoreline-Project> for more information and jump on Council's Your Say page <https://www.yoursaybyronshire.com.au/mbpsp>

As resolved at the 27 August 2020 Council meeting (**Res 20-436**) Bluecoast has undertaken an assessment of an alternative option in accordance with the Project Objectives. A mini-report has been prepared for Council and is also available on the MBSP Your Say page under 'Documents'.



## New Development Control Plan for Biodiversity

The objective of the draft Development Control Plan 2014 Chapter B1 Biodiversity is to ensure the planning and design of new development maintains or improves ecological values within Byron Shire. It will increase the resilience of our natural areas and support both biodiversity and climate adaptation. Provide your feedback

<https://www.byron.nsw.gov.au/Services/Building-development/Planning-in-progress/Development-Control-Plan-Amendments-in-progress/New-Development-Control-Plan-for-Biodiversity>



## Tweed Byron Hinterland Trails



Work will soon commence on a major upgrade to the Minyon Falls visitor precinct as part of the largest ever investment into National Park visitor infrastructure. This is the first stage of the \$7.35 million [Tweed Byron Hinterland Trails Project](#), which will deliver high quality nature-based visitor experiences to boost the NSW visitor economy and community wellbeing.

The [Minyon Falls master plan](#) was placed on public exhibition in October 2019. Following the review of submissions and other comments received, the original design has been scaled back significantly to retain the natural beauty of the site and provide positive conservation outcomes. See how the revised site plans compare to the draft master plan drawings in a short video and read the [Review of Environmental Factors](#) on the website.

**Minyon Falls will be closed from 2 November to 18 December 2020.**

Minyon Falls Drive will be closed at Minyon Grass picnic area to allow works to upgrade and expand carparking from 37 to 93 spaces. Further closures at Minyon Falls will be scheduled in the first half of 2021 to complete the access paths, picnic areas and lookout platform. See the attached flyer for details.

Visitors are advised to check [nationalparks.nsw.gov.au/alerts](http://nationalparks.nsw.gov.au/alerts) before travel. For more information contact Senior Project Officer Daryl Moncrieff on 02 8289 6331

Please let your networks know that this is happening and encourage them to make a submission via the link below



**SIGNIFICANT TREES  
IN BYRON SHIRE**

# **NOMINATE A TREE**

**FOR THE  
BYRON SHIRE SIGNIFICANT TREE REGISTER**

We can identify and preserve our natural assets for future generations while strengthening our culture to value trees, the environment and history.

Nominate your favourite trees at:  
[www.treeregister.com.au](http://www.treeregister.com.au)

For further information email  
[info@treeregister.com.au](mailto:info@treeregister.com.au)



Find us on facebook:  
Significant Trees in  
Byron Shire

This project is auspiced by:



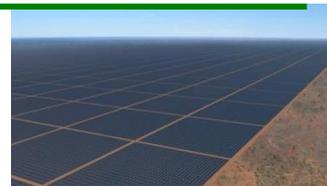
## STORIES to inspire and give you hope

### Newcastle Waters Station in Northern Territory earmarked for world's biggest solar farm

ABC Rural By Daniel Fitzgerald and Matt Brann

The iconic Newcastle Waters Station in the Northern Territory — has been revealed as the proposed location for the world's largest solar farm.

<https://www.abc.net.au/news/rural/2020-10-20/newcastle-waters-station-nt-set-for-worlds-biggest-solar-farm/12785256>



### Scientists create super enzyme that eats plastic bottles

by Andy Corbly

Enzymes produced in the stomachs of certain bacteria have been combined to create a super enzyme, reducing the time it takes for these chemicals to breakdown plastic from weeks into hours. <https://www.goodnewsnetwork.org/a-super-enzyme-has-been-created-to-breakdown-plastic-three-times-fast/>



### Two eastern quoll joeys have been spotted in a New South Wales national park

ABC Illawarra / By Ainslie Drewitt Smith

The quolls, which went extinct on the mainland 50 years ago, were recently reintroduced to Booderee National Park. Rewilding Australia will use tail transmitters to track their progress.

<https://www.abc.net.au/news/2020-10-29/newborn-quoll-joeys-to-be-tracked-with-tail-transmitters/12823180>



### Eradication of invasive species as simple as 'taking a pill'

ABC Southern Qld

/ By Belinda Sanders

This newly developed system involves a machine-loaded capsule being placed into the tree after drilling a hole into the trunk. It will take about six months for the tree to die depending on the species and size of the

tree. <https://www.abc.net.au/news/2020-11-04/australian-researchers-use-a-pill-to-kill-giant-invasive-trees/12842738>



## REGENERATIVE AGRICULTURE

### Lotus Creek beef graziers Sue and Simon Gedda create sustainable farming to counter climate change

ABC Rural By Melanie Groves

For the past three decades, the Geddas have been changing their practices to reduce their impact on the environment, local habitat and wildlife. "I learnt three new words; conservation, biodiversity and sustainability," Mr Gedda said.

The Geddas focus on regenerative agriculture, keeping stock rates low to prevent over-grazing and ensuring groundcover to protect the soil.

<https://www.abc.net.au/news/rural/2020-10-19/lotus-creek-qld-cattle-graziers-the-geddas-fight-climate-change/12746756>



### Indigenous grains grown in northern NSW deemed 'commercially viable'

ABC Rural By Amelia Bernasconi and David Claughton

Ancient native grains, or 'dhunbarbilla', could kick off a new industry in north-west New South Wales after a year-long study by the University of Sydney found them to be commercially viable.

<https://www.abc.net.au/news/rural/2020-11-08/indigenous-grains-industry-commercially-viable-for-northern-nsw/12855160>



## Fire Stuff

### Fire and Rescue NSW pushes for more women and diversity in firefighters

Fire and Rescue NSW is working with Girls on Fire, a not-for-profit organisation founded in 2016 with a goal to increase the number of women in the fire service.

<https://www.abc.net.au/news/2020-10-24/women-put-stereotypes-aside-push-for-more-female-firefighters/12799322>



### Indigenous rangers say fire mitigation work under threat after Black Summer bushfires triple insurance costs

Indigenous ranger groups warn they will be unable to continue fire mitigation work because of insurance premium hikes following last summer's bushfire catastrophe on the east coast.

<https://www.abc.net.au/news/2020-10-29/indigenous-ranger-bushfireinsurance-problem/12819492>



## LAND FOR WILDLIFE

### Black cockatoos

The Glossy Black Conservancy has created a new video to help people identify Glossy Black-Cockatoos and the differences between them and other black cockatoos. Please see the link to this video here: [https://youtu.be/\\_y4ZjTiXOuc](https://youtu.be/_y4ZjTiXOuc)

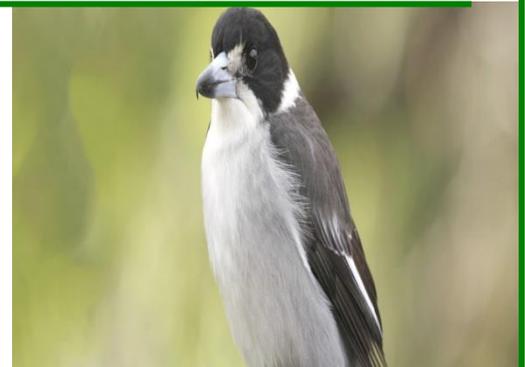
A reminder that the Glossy Black Conservancy is interested in receiving reports of sightings of glossies at any time of the year. This online process has been made even easier through online reporting here

<https://glossyblack.org.au/submit-sighting/>



### 5 Things about Grey Butcherbirds

Grey Butcherbirds are aggressive predators. They prey on small animals, including birds, lizards and insects, as well as some fruits and seeds. Uneaten food may be stored in the fork or a branch or impaled. Grey Butcherbirds sit on an open perch searching for prey which, once sighted, they pounce on. Here are five things you may or may not know about [Grey Butcherbirds](#).



### Urban backyards are an important habitat for native wildlife too, study finds

Conserving areas of natural bushland is crucial in protecting threatened species, but there is now evidence that the suburban backyard may be a vital habitat as well.

<https://www.abc.net.au/news/2020-10-29/urban-backyard-important-habitat-for-native-wildlife/12818524>



## FUNDING

### Environmental Trust Restoration and Rehabilitation

Applications for the 2020-21 round are now open, closing 3pm 14 December 2020.

Applications to the 2020-21 Environmental Restoration and Rehabilitation program will be expected to address at a practical level, how their project will contribute to the delivery of either one or both of the following two immediate funding priorities from the NSW Environmental Trust Strategic Plan 2020-24:

Supporting threatened species recovery, addressing climate change impacts on the natural environment – both mitigation and adaptation.

Please see the NSW Environmental Trust Strategic Plan 2020-24 for further information about the new priorities.

#### Funding available

Funding stream	Total annual allocation for the 2020-21 round	Funding amount per project	Project timeframe
Stream 1 – New Entrants	\$1,000,000	\$50,000 to \$115,000	2-3 years
Stream 2 – Experienced	\$3,000,000	\$50,000 to \$170,000	3-4 years

<https://www.environment.nsw.gov.au/funding-and-support/nsw-environmental-trust/grants-available/environmental-restoration-and-rehabilitation>

### Bushfire Regeneration Challenge

In 2019-20 Australia experienced the most catastrophic bushfire season in the country's history, and the impacts will be felt for years to come.



Up to 19m ha were burnt, with 12.6m ha primarily forest and bushland. 1 billion animals perished, 34 human lives were lost and around 2,700 homes destroyed.

Now, we aim to uncover innovative nature-based solutions to enhance the recovery, regeneration and resilience of landscapes and threatened species. We look for solutions that enable and incentivise landholders and communities to own and drive regeneration outcomes.

Solutions should cover at least one of these areas:

- fire risk management
- regenerative land use
- species recovery
- building ecological, economic and social resilience to climate change.

We will support:

- Early validation of up to 10 concept stage solutions
- up to 8 validated solutions that are ready to be implemented or scaled up

What we can offer:

- Project support and peer-review process with subject matter experts that helps improve the project application and/or uncover new elements/opportunities of the problem area

- Access to WWF's network
- Connecting solutions that have potential for synergies and collaboration

Funding: Total funding amount: \$1m

Up to \$20,000 each for early stage concepts for validation, with potential follow on funding for projects that have been successfully validated

Up to \$250,000 each for solutions to be piloted or scaled up.

If you have an idea that fits the bill, we look forward to receiving your Expression of Interest before 08 November 2020. With questions on the Challenge, contact [Bushfire-Regen@impactio.global](mailto:Bushfire-Regen@impactio.global)

[https://firebasestorage.googleapis.com/v0/b/impactio-demo.appspot.com/o/campaign%2FBushfire Regeneration Challenge Application Guide.pdf?alt=media&token=400923b9-005e-408d-ba52-e4be08aa5903](https://firebasestorage.googleapis.com/v0/b/impactio-demo.appspot.com/o/campaign%2FBushfire%20Regeneration%20Challenge%20Application%20Guide.pdf?alt=media&token=400923b9-005e-408d-ba52-e4be08aa5903)

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## **Indigenous Fire and Land Management Workshops Program**

This \$2 million program will support the delivery of workshops to strengthen traditional knowledge and build wider understanding of Indigenous fire and land management practices. This program is available Australia wide to Traditional Owners, Indigenous organisations and Indigenous enterprises.

The Grant Opportunity Guidelines, sample application and sample grant agreement are now available at <https://www.business.gov.au/Grants-and-Programs/Indigenous-Fire-and-Land-Management-Workshops>

Online applications will open on 2 November 2020 and close at 5:00pm AEDT on 10 December 2020.

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## **Bushfire Recovery for Wildlife and Habitat Community Grants Program**

This \$10 million program will support communities to undertake on-ground recovery actions from the 2019-20 bushfires, with grants from \$5,000 to \$150,000 available.

The Guidelines for this program, including eligibility requirements, are now available at <https://www.business.gov.au/Grants-and-Programs/Bushfire-Recovery-for-Wildlife-and-Habitat-Community-Grants-Program>

Applications will open on Thursday 22 October 2020 and close Friday 27 November 2020.

## Weed of the month

### *Duranta erecta*

**Family:** Verbenaceae

**Origin:** West Indies, Central and South America

**Habit:** A straggly evergreen shrub 1-5m high with drooping branches and sharp spines.

**Leaves:** The ovate leaves are 2.5-7.6 cm long and arranged on the stem in pairs opposite each other, or in whorls of three.

**Flowers:** Showy inflorescences bloom almost all year long in terminal or lateral racemes up to 15cm long. The individual flowers are tubular with five petals, white, light blue, violet or purple, and spread out at the mouth about 1cm across.

**Fruit:** Spherical yellow berry to 1.5cm in diameter borne in showy hanging bunches.

**Roots:** Substantial tap and lateral root system.

**Dispersal:** Seed spread by water, animals (mainly birds), humans, contaminated soil (earthmoving equipment, car tyres etc) and garden refuse dumping.

**Control:** Hand pull/dig. Cut and Paint or Scrape and Paint, foliar spray.



## Pest animal of the month

### Indian Myna

Byron Shire Council is running a pilot trapping program.

At this stage there are limited traps and council is in the process of gathering a data base of interested people who would like to get involved.

Indian mynas love to live around urban areas and open fields.

They are highly **intelligent and adaptive, their numbers have increased in localities throughout many parts of the world. The major impacts Indian mynas have is to nest in tree hollows.** In **Australia** many native **species** need tree **hollows**, including 17 % of bird **species**, 42 % of mammals and 28 % of reptiles (Gibbons and Lindenmayer 1997). They include bats, possums, gliders, owls, parrots, antechinus, ducks, rosellas and kingfishers as well as numerous **species** of snakes, frogs and skinks. Indian mynas are highly aggressive and territorial and will take on any species in a hollow they desire.

If you would like to get involved or are interested in learning more contact :

**Peter Boyd** | Biodiversity and Agricultural Projects Officer | **BYRON SHIRE COUNCIL** P: 02 6626 7253 [pboyd@byron.nsw.gov.au](mailto:pboyd@byron.nsw.gov.au)



## 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 Liz Gander  
CONTACT: Liz Gander [bangalowlandcare@gmail.com](mailto:bangalowlandcare@gmail.com) 66871309

### Green and Clean Awareness Team, Byron Bay

WHEN: 3<sup>rd</sup> Sunday of the month 9:00am  
WHERE: Meet Main Beach, Byron Bay  
CONTACT: Veda Turner [vedaturner@gmail.com](mailto:vedaturner@gmail.com) 0427 857 991

### Heritage Park Landcare, Mullumbimby

WHEN: alternate Saturdays 9:00am – 11:00 am  
WHERE: Heritage Park, Mullumbimby  
CONTACT: Diana Hughes [bromspot@gmail.com](mailto:bromspot@gmail.com)

### Jinangong Landcare, Ocean Shores

WHEN: 1<sup>st</sup> Sunday of the month  
WHERE: The Tunnel Road, Ocean Shores  
CONTACT: Ian Parer [ianparer@hotmail.com](mailto:ianparer@hotmail.com)

### Mullum Town Landcare, Mullumbimby

WHEN: last Sunday of the month  
WHERE: find out from Jude Alcorn  
CONTACT: Jude Alcorn 0411 298 356 [judealcorn@yahoo.com.au](mailto:judealcorn@yahoo.com.au)

### 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](mailto:dnkemp77@gmail.com) 0427 650 861

### South New Brighton Dunecare

WHEN: 1<sup>st</sup> 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](mailto:robyn.bolden@optusnet.com.au) 6680 1970

### Suffolk Park Dunecare

WHEN: 1<sup>st</sup> Saturday of the month  
CONTACT: Helen Brown [hellyh@bigpond.com](mailto: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](mailto: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

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- 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](http://www.envite.org.au)
- Environmental Trust <http://www.environment.nsw.gov.au/grants/envitrust.htm>
- Friends of the Koala [www.friendsofthekoala.org](http://www.friendsofthekoala.org)
- Local Land Services [www.northcoast.ils.nsw.gov.au](http://www.northcoast.ils.nsw.gov.au)
- North Coast Local Land Services <http://northcoast.ils.nsw.gov.au/>
- Border Ranges Richmond Valley Landcare [www.brrvl.nsw.gov.au](http://www.brrvl.nsw.gov.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/>

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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](mailto:aratcliffe@byron.nsw.gov.au)  
Project Officer, Rochelle Merdith 6626 7201 [rmerdith@byron.nsw.gov.au](mailto:rmerdith@byron.nsw.gov.au)  
[www.brunswickvalleylandcare.org.au](http://www.brunswickvalleylandcare.org.au)



This newsletter is supported by Byron Shire Council.

