



Newsletter for Landcare and Dunecare in Byron Shire

<http://www.brunswickvalleylandcare.org.au/>



July 2018

Choosing the right plants for the right place by John Turnbull

202 search results found for: Height Lower: < 0.5m × Height Lower: 0.5m - 1.0m × Height Lower: 1.0m - 2.0m × Primary Colour: Yellow ×



Abrophyllum ornans
Native Hydrangea



Abutilon oxycarpum
Straggly Lantern-bush



Acacia baueri subsp. baueri
Tiny Wattle



Acacia brownii
Heath Wattle



Acacia elongata
Swamp Wattle



Acacia granitica



Acacia juncifolia
Rush-leaved Wattle



Acacia longifolia



Acacia longifolia subsp. sophorae
Coastal Wattle



Acacia longissima
Long-leaf Wattle



Acacia myrtifolia
Red-stemmed Wattle



Acacia obtusifolia
Blunt-leaved Wattle

Tweed Shire Council Bushland Officer John Turnbull is urging home gardeners, landscape architects and those who are passionate about bush regeneration to jump online and use the new Tweed-Byron Native Species Planting Guide.

The online guide, which allows users to build native species planting lists for projects ranging from landscape-scale restoration to back garden planting, was funded by the NSW Government's Environmental Trust Education Grant Program of 2015 with the support of Brunswick Valley Landcare Inc., Tweed Landcare Inc., local garden clubs and other support groups.

"The online guide allows the user to view a colour photograph of each plant and explore its characteristic features to improve the chances of a successful planting in any setting," Mr Turnbull said.

"We have included more than 1550 locally occurring native species in the online guide including their physical attributes (height, habit and flower colour), environmental tolerances (sun, frost, salt and wind hardiness), ecological relationships (key fauna food, butterfly and bird attracting), soil types where they occur and broad landscape locations. Species are also assigned to vegetation mapping types and have a nursery 'availability' score."

The Byron version of the guide is easy to use and available online at <http://www.tweed.nsw.gov.au/NativeSpeciesPlantingGuide/Byron>.

Free Workshop



Native Species Planting Guide

An online native plant database to aid in selection of locally occurring species in Byron Shire.



Learn how to use this new online resource to select local plant species for a garden, natural area, landscape scale planting or revegetation setting.

Search for species that:

- occur in local vegetation types or broad landscape locations,
- provide habitat for fauna or have specific tolerances (wind, frost, sun),
- with a particular habit, achieve a required height or have a specific flower colour,
- search by individual species or plant forms (mistletoes, banksias, orchids).

Friday 24th August 2018 9.30 am – 12.30 pm Mullumbimby



PROGRAM:

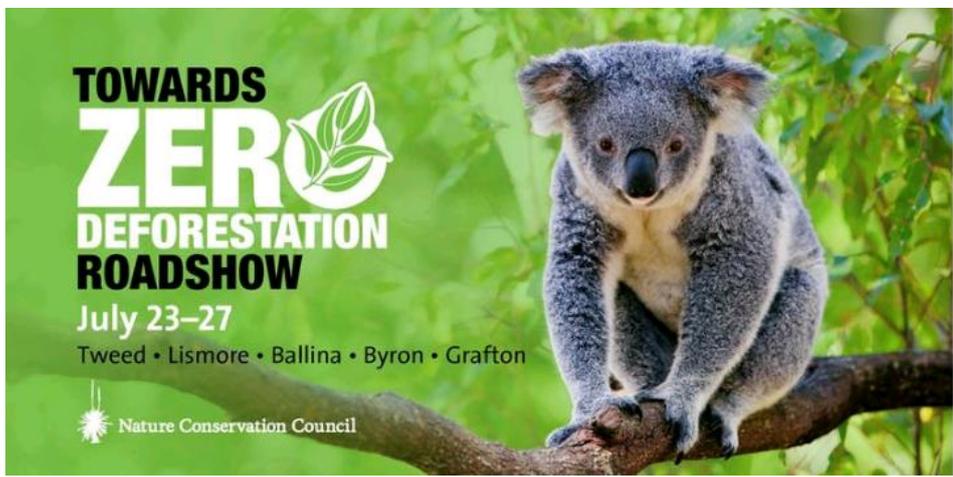
- 9.30 Welcome, introductions and a cuppa.
- 9.45 Learn how to use the online database to create planting lists and explore species local to our area - some computers will be available to access the database online, however if you could bring your own device with internet access this would be great.
- 11.00 Walk or drive to Heritage Park to see some of the plants from the My Local Native Garden guide and see a demonstration of the best way to plant native species.

BOOKINGS are essential as numbers are limited.

Please contact Alison: alison.ratcliffe@byron.nsw.gov.au or 02 6626 7028 to book.



This project has been assisted by the New South Wales Government through its Environmental Trust and support from Byron Shire Council and Tweed Shire Council.



JUL.
26

**Towards Zero
Deforestation
Roadshow: Byron Bay**

by The Nature Conservation Council of
NSW

Free

Nature in NSW is in crisis. New laws allow for devastating deforestation and broad scale land clearing of important wildlife habitat. At least 1000 species of plants and animals in NSW are facing extinction, including our iconic koala; and the destruction of their habitats is the leading threat.

As a result of these new laws, 99% of identified koala habitat on private land can be bulldozed, and a staggering 8 million hectares of forest and bushland has no protection from deforestation.

This devastation is firmly within our power to stop - **join us for our Towards Zero Deforestation Roadshow on [July 25th in Ballina](#) or [July 26th in Byron!](#)**

Through a conversation style presentation, Jemilah Hallinan from the EDO NSW will give an overview of what the changes to the laws mean for nature. Daisy Barham and Shirley Hall from the Nature Conservation Council will cover how we can all work together to call for stronger laws for nature - and how you can get involved.

We'll provide some light refreshments. If you would like to contribute by bringing a dish to share - that would be most welcomed and appreciated!

This is a free community event - all welcome. Please share this with your networks and friends. Together we can call on our government to take action to save our forests and bushland from bulldozers, and protect wildlife habitat.



Come and help us celebrate 10 years of Fishers for Fish Habitat Forums - back where it all began in Ballina, northern NSW.

The 2018 Forum is a gathering of recreational fishers who are keen to make connections with like minded individuals, find out more about fish habitat,

projects, funding and how recreational fishers are making a difference!

This event is FREE thanks to the NSW Recreational Fishing Trust

<https://www.eventbrite.com.au/e/2018-fishers-for-fish-habitat-forum-tickets-47253684041>

Save the date

14th Spetmeber Saving Threatened Species and Camphor Conversion, held in Wilsons Creek
26th October Riparian Restoration, held in Ewingsdale

THE 20TH ANNUAL BIG SCRUB RAINFOREST DAY

Sunday 21st October 2018
7am to 3pm, Rocky Creek Dam



Visit <https://www.bigscrubrainforest.org/big-scrub-rainforest-day/> for more details



2018 NATIONAL LANDCARE CONFERENCE AND AWARDS

10 – 12 October
Brisbane Convention & Exhibition Centre

**CALL FOR ABSTRACTS
NOW OPEN**

Proudly supported by



Visit <http://www.nationallandcareconference.org.au/> for more details



Bird Buddies six month program

Bird Buddies have just released their program of events for the next six months. It is available on their website:

<http://www.byronbirdbuddies.com.au/what-we-do/programs/>

Photo is a White-bellied Sea-Eagle by Ross Hollands



The proposed themes for SERA 2018 conference are focused around four pillars:

- Principal and Practice
- Biomes
- Impact
- Specialist Discipline

<https://www.sera2018.org/>

AABR Big Scrub Bus Trip

AABR is organising an outstanding charter bus trip to Lismore (with professional driver Graeme Steer) leaving Sydney Central on **Thurs 20 Sept and returning Tues 25th Sept -- Limited to 10 people at this stage. (Early bird price ends end July)**



WORKING WITH NATURAL PROCESSES

The highlight will be a weekend field trip on 21-24 September to look at the progress being made in rainforest restoration in the 'Big Scrub' landscape near Lismore over the last four decades – involving regenerating over 30 remnants and linking them with plantings and regrowth.

The tour will be led by outstanding guides highly familiar with the works on the sites and with the local botany and ecology. The tour will take in Australia's oldest known modern restoration project (initiated by Ambrose Crawford at Lumley Park, Alstonville, in 1935), historic Victoria Park and Rocky Creek Dam restoration sites, as well as ongoing projects on private property.

All details needed for booking, including [accommodation](#) are available on the <https://www.eventbrite.com.au/e/aabrs-nsw-rainforest-restoration-bus-trip-2018-tickets-47140614848>

This field trip complements a pre-conference field trip organised in association with the Society for Ecological Restoration's 2018 Conference in Brisbane in late September. For further information about that field trip see the [SERA2018 conference website](#).



AUSTRALIAN BIOLOGICAL FARMING CONFERENCE & EXPO 2018

9th - 12th November 2018
Southern Cross University, Gold Coast Campus
Southern Cross Drive, Bilinga QLD 4225

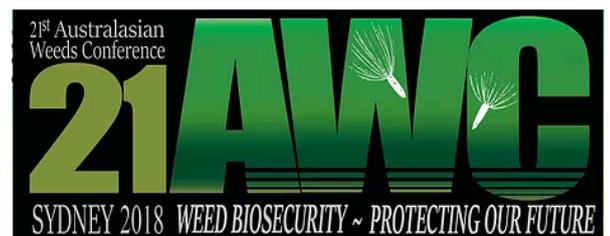
<https://www.australianbiologicalfarmingconference.org/>

21st Australasian Weeds Conference

The Weed Society of New South Wales Inc., on behalf of the Council of Australasian Weed Societies Inc., will be hosting the [21st Australasian Weeds Conference](#) in **Sydney from 9 - 12 September 2018.**

The conference is a must-attend for all local government environmental workers interested in the management and mitigation of weeds. The conference will bring together more than 250 delegates from the weeds community in Australasia to discuss new developments and share information about cutting-edge and best weed management practices.

[Register now](#). Early-bird registrations are available until 13 August.



'Moving house - a new age for plant translocation and restoration'

Join us for a week of exciting presentations, the launch of the third edition of the ANPC's [Guidelines for the Translocation of Threatened Plants in Australia](#), local field trips and a 1-day threatened plant translocation workshop! One of our plenary speakers, Dr Jen Silcock from the Threatened Species Recovery Hub, will talk about the fascinating 60,000 year history of plant translocations in Australia. One of the field trips will be to Barrer Hill Woodland Restoration Project with Greening Australia to view a variety of restoration and translocation techniques, including for the endangered Button Wrinklewort (*Rutidosia leptorrhynchoides*). There will also be free tours of the Herbarium and the Australian National Botanical Gardens, and you'll be able to take home free copies of the 2019 ACT Threatened Plants Calendar and the new Translocation Guidelines! [Download the preliminary conference program here.](#)

Hosted by the [Centre for Australian National Biodiversity Research](#), APCC12 will be held **11 – 15 November 2018** at the [CSIRO Discovery Centre](#), Canberra. [Register online](#)



Australian Network for
Plant Conservation Inc



APCC 12
12th Australasian Plant
Conservation Conference 2018

11 – 15 November 2018 | CSIRO, Canberra
www.anpc.asn.au/conferences/2018



The July issue of Village Eco News is now available. There's a great article on plastic free July. <http://brunswickvalleylandcare.org.au/wp-content/uploads/2016/06/Village-Eco-News-Issue-23-July-2018.pdf>

Have your say on proposed changes to wildlife licensing

Under the Biodiversity Conservation Act 2016, the management of human-native wildlife interactions is proposed to change to a new risk-based approach. A discussion paper on the proposed changes is now available for comment and open for public consultation until **24 July 2018**. For more information, <http://www.environment.nsw.gov.au/licences-and-permits/wildlife-licences/wildlife-licensing-reforms/wildlife-licensing-changes-public-consultation>

AABR Free Accredited Bush Regenerators Listing



WORKING WITH NATURAL PROCESSES

AABR is compiling an online list of accredited bush regenerators to support recognition and identification of bush regenerators and the industry at large.

The [free listing service](#) is on AABR's website under the [Business Directory](#) and is for financial members who have attained accreditation.

We are aiming to support people looking for mentors who'd like to gain accreditation and those looking for work by providing a place where people can search by region for an accredited bush regenerator.

For those currently accredited we would love to have your permission to include your name on the list, this shows the health of the industry, raises the profile and awareness of accredited practitioners and is a go-to place for employers looking to locate professionals.

Please complete the [1 minute online survey](#) which gives AABR permission to list your name. No personal contact details will be shown, contact requests will be facilitated by AABR.

Reduced funding for Landcare support

Government funding for Landcare support staff has been drastically reduced. A 35% reduction in funding has already taken effect as of June 2018, and there is a strong possibility that most of the remaining funds will be lost in June 2019. Regionally this means that most Landcare officers are losing a significant proportion of their funding. It also means that the Regional Landcare Facilitator position that is currently hosted by the North Coast Regional Landcare Network will finish.

What does this mean for Landcare in Byron? Well in the interim, the **Landcare Support Officer** role will continue as is. We are working with our partners and the extended Landcare Network, to develop an alternative, sustainable funding stream for the future. It does however mean a decrease in the funds available to undertake community support activities such as field days, school visits, and attendance at local events and without other funds the current level of support will not be maintained.

It's ironic that the Australian Government's National Landcare Program Phase Two (NLP2), which has previously provided funding for Landcare staff at both the local and regional level, is the program that has brought about this decrease in funding for core Landcare support staff.

This time around (NLP2 will run for 5 years) the Regional Landcare Facilitator positions have been renamed Regional Agriculture Landcare Facilitator and will only assist farming groups and operations. Many of our farmers in the northern rivers will not be supported as specific priorities will be targeted such as grazing over 100 head of cattle, blueberries and macadamias.

The Community Support program, through which North Coast LLS previously funded half of our Landcare Officer position, has been stopped completely.

Fortunately, the other half of the funding for our Landcare Officer from the Local Landcare Coordinator Initiative, funded by the NSW government through Landcare NSW remains until June 2019. So for now this will mean no major changes, but if new funding is not forthcoming then BVL will need to reassess the support level that they can provide to our community.

Of course there will always be volunteers and landholders doing great work to care for the land because it's what we know is needed regardless of government policy or priorities. But we also know from experience that this community commitment is greatly enhanced and expanded by professional support from dedicated Landcare staff. The BVL committee are working hard to source alternative funding streams. Ideas welcome!

Landcare NSW Survey

In March 2017 Landcare NSW circulated a survey to you on behalf of National Landcare Network. The survey sought to gain a nationwide overview on a number of factors concerning support to Landcare.

The NLN wishes to repeat this survey to gain an understanding how your responses over the last 15 months may have changed. Please follow the link to complete the survey. It should take about 5 minutes to complete. <https://www.surveymonkey.com/r/NLNSurvey2018> **Survey closes 19 July 2018**

Myrtle Rust

Two Myrtle Rust documents have now been publicly released :

'*Myrtle Rust reviewed: the impacts of the invasive pathogen *Austropuccinia psidii* on the Australian environment*' is now published in PDF format at www.apbsf.org.au.

'*Myrtle Rust in Australia – a draft Action Plan*' is open for public comment until 31 August 2018, and is also available at www.apbsf.org.au.

We already have two once common rainforest plants listed as threatened as a result of this beast and we don't want koala food trees to be next. Myrtle Rust is known to affect many koala food trees. **Please comment on the draft action plan and report any Myrtle Rust observations to DPI and APBSF.**

Recycling Survey

Byron Shire Council is working with North East Waste and Northern Rivers Council's to design a new recycling campaign, and as part of that we are asking our communities to complete the survey below so we can understand what our region needs to recycle better and more.

Recycling from each of the Northern Rivers Council's is not going to landfill but the industry is facing some challenges and going through some change. It would be very helpful for us to find out more about what you know, what you don't know, what you'd like to know and what you are confused about so we can design the best programs to suit you. 😊

Answers will be treated confidentially and will only be used to assess how best we can support recycling in our region. And there are prizes!

Please share the survey with your networks and don't hesitate to get in contact if you have any questions. **The survey will close on July 31.**

www.surveymonkey.com/r/Recycle_NEW

STORIES to inspire and give you hope

Brunswick Valley Landcare - reciprocal visit by Heidi Fletcher

Thursday 7th June, New Brighton

A big thank you to **Alison** from BVL and **Robyn, Hedy & Ian** from **New Brighton Dunecare** for recently hosting members of the **Hastings Point Community Dunecare Group** as part of an inter-network 'exchange program'.

After a lovely morning tea, amongst the trees by Marshalls Creek, Ian also showed the team from Hastings Point the stretch of dunes that he works on. All were very impressed by the high quality and depth of the dunal vegetation.

Whilst the weather threatened to spoil our visit (in much the same way as it did when the team from BVL visited the Hastings Point back in November 2017) the clouds parted, paving the way for a very informative and enjoyable morning. Members from both networks swapped stories of their Dunecare trials and tribulations, over a dune walk.

As well as the pleasure of meeting like-minded souls, one fantastic outcome from this visit was that the team from Hastings Point have offered to nurture some locally-sourced seedlings in their nursery for the New Brighton group.

Thanks for having us team BVL & New Brighton and keep up the great work!



Koala Habitat Field day by Bela Allen



Brunswick Valley Landcare and Friends of the Koala combined resources to host a Koala Habitat Field day at Gondwana Sanctuary, Tyagarah on 15th June. This field day was made possible through funding received from the New South Wales Environmental Trust.

The 30 participants benefited from Maria Matthes's presentation and her many years of observing koalas in the wild near her home. We learnt that koalas are a landscape species and

require connecting habitat to survive, which trees and vegetation communities koalas use, how climate change is affecting koalas and what we can do to help support a healthy koala population in our local community.

Participants walked through Gondwana Sanctuary to inspect a 5 year old koala habitat planting (1,200 trees) along Simpsons creek, which has been lovingly hand weeded by the Tyagarah locality group since it's planting in 2013 as part of the Koala Connections Project. Along the walk there were opportunities to view evidence of koala activity such as scratches on mature eucalypt trees and koala scats on the ground beneath trees, although koalas themselves were elusive.

Gondwana Sanctuary residents had the vision of a wildlife sanctuary at the time of it's establishment as a Multiple Occupancy in 1987. There is a no dogs and cats policy and koala food trees were planted along the ridge in the early days of the community and are now mature enough to attract koalas. The landcare group works weekly to restore sections of wildlife habitat on the 40ha property.



Weed ID workshop by Alison Ratcliffe

On Friday 6th July we held a weed ID workshop at the Byron Shire Council Conference room funded by a grant from the Foundation for National Parks and Wildlife. There was a display of many local environmental weeds and a presentation on what weeds you should think about tackling first. I always say tackle the weeds that smother and strangle. Look at your property and notice if a particular weed is



having a negative impact on your native vegetation or wildlife. Notice is a new weed appears and get onto this quickly before it spreads. Tackle a small area at a time, or tackle one particular weed on your property. We then went for a walk along Salt Water Creek in Mullum and Rochelle Meredith showed us the different techniques to deal with different types of weeds, both with and without herbicide.

New hope for bleached coral

A coral fertility treatment designed to help heal damaged parts of Australia's Great Barrier Reef is showing signs of success and now needs to be scaled up to create a bigger impact, the lead scientist tells CNN.

Peter Harrison, a professor at [Southern Cross University](#) in Australia, said he is "excited by the results" which show the experimental process known as "coral IVF" is working on a small scale.

Recently returned from a trip to the Great Barrier Reef, Harrison said his team managed to "significantly increase" the numbers of baby coral on reefs at Heron Island and One Tree Island, where they laid millions of coral larvae 18 months ago.

"There's a very clear outcome, the higher the numbers of larvae that you put into the reef system, the more coral recruits you get," Harrison said. "The pilot studies at small scales are giving us hope that we will be able to scale this up to much larger reef scales."

The coral IVF project is designed to help reefs repopulate faster to help speed up the recovery time after a bleaching event.

Harrison plans to do further similar experiments on a bigger scale in the northern area of the Great Barrier Reef later this year. To read the full story visit <https://edition.cnn.com/2018/06/08/australia/great-barrier-reef-coral-ivf-intl/index.html>



Land for Wildlife

Koala bottoms by Friends of the Koala



A message from Friends of the Koala which all koala lovers need to read.

Is this not the cutest tushie you ever did see?

This is what a koala bottom should look like. Lovely white and grey, and clean and dry. All koalas have slightly different bottom patterns. Lauren here has a very full white bottom as you can see. Others have grey and white speckled patterns or splotches or more grey and less white - no different to us all having our own unique fingerprint. However, koalas that are unwell will display what is known as dirty bottom or wet bottom. If you spot a koala with a very rusty brown dark coloured bottom and/or it is wet and matted, this is a koala in urgent need of help.

A koala in that condition would be in a lot of pain. If you see a koala with a bottom like this, please call us immediately so we can get that precious koala the help they need.

📞 Our hotline number is: 02) 6622 1233

If you live in the Northern Rivers, NSW area, please pop our 24 hour rescue hotline number in your phone and call us any time day or night if you see a sick koala 🐾 thank you so much

Flying foxes on a coastal vacation

Have you noticed the glorious smell on the coast? Well the flying foxes have! They have already headed to the coast from their inland camps for the winter flowering of these plants:

- Broad-leaved Paperbark *Melaleuca quinquenervia*
- Old Man Banksia *Banksia serrate*
- Wallum Banksia *Banksia aemula*
- Coast Banksia *Banksia integrifolia*
- Rusty Banksia (*Banksia oblongifolia*)
- Swamp Mahogany *Eucalyptus robusta*
- Tallowwood *Eucalyptus microcorys*

Coastal Swamp Oak *Casuarina glauca* Forest of New South Wales and South East Queensland ecological community

The above community has recently been listed as Endangered under the EPBC Act.

The Coastal Swamp Oak (*Casuarina glauca*) Forest of New South Wales and South East Queensland ecological community occurs from south-east Queensland to southern NSW, within the South Eastern Queensland, NSW North Coast, Sydney Basin, and South East Corner IBRA bioregions [Interim Biogeographical Regionalisation of Australia version 7].



The ecological community is found in coastal catchments at elevations typically less than 20 m above sea level (with some occurrences up to 50 m above sea level), and typically within 30km of the coast (but occasionally further inland, for instance within tidal river catchments). It is associated with coastal flats, floodplains, drainage lines, lake margins, wetlands and estuarine fringes where soils are, at least occasionally, water-logged or inundated. Minor occurrences extend onto coastal dune swales or flats, particularly deflated dunes and dune soaks.

The ecological community occurs on soils derived from unconsolidated sediments (including alluvium), typically hydrosols (grey-black clay-loam and/or sandy loam soils) and sometimes organosols (peaty soils). It may occur in transitional soils (or catenas) where shallow unconsolidated sediments border lithic substrates. The ecological community does not occur on rocky headlands, sea cliffs or other consolidated sediments.

The structure of the ecological community varies from open woodland, woodland, forest to closed forest, depending on its location in the landscape and disturbance history. A tree canopy is present with a minimal total crown cover of 10%. The tree canopy is dominated by *Casuarina glauca* (swamp oak, swamp she-oak). Other tree species that may occur in the canopy, but are not dominant, include various species of *Melaleuca* and *Eucalyptus*, sometimes present as emergents above the *Casuarina* canopy.

The understorey is variable. A mid-layer of various small trees and tall shrubs may be present but typically is sparse. It may include juvenile canopy trees. Climbing plants and epiphytes also may be present. The ground layer is a continuous to semi-continuous cover of various forbs, ferns, sedges, grasses and/or plant litter. The litter layer may be dense in some patches, leading to a more sparse ground vegetation.

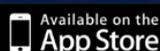
The ecological community includes a variety of fauna species, including species that are listed as threatened at a national or state level. <http://www.environment.gov.au/cgi-bin/sprat/public/publicshowcommunity.pl?id=142&status=Endangered>

Photo: Department of the Environment and Energy

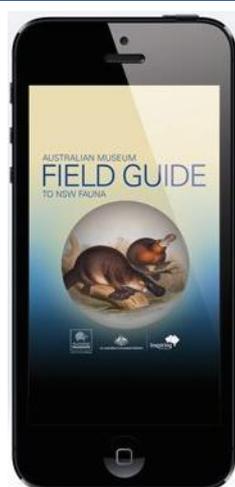
What's that sound?

Croaks, whistles, bleats and barks - every frog species makes a different sound! By recording a frog call with our new app, FrogID, you can discover which frogs live around you and help us count Australia's frogs!

Get Involved



<https://www.frogid.net.au/>



Australian Museum Field Guide to NSW Fauna

Not a new app but a useful one to have on your phone

Field Guide to NSW Fauna is a valuable tool for anyone with an interest in wildlife. Use it in urban, bush and coastal environments to learn more about the animals around you.

Browse over 1000 species including birds, mammals, fishes, amphibians, reptiles, insects, arachnids and more.

Discover detailed species descriptions including conservation statuses

See stunning images of every species

View maps of recorded observations

<https://australianmuseum.net.au/field-guide-to-nsw-fauna-mobile-app>

Buffers, sponges and moderators: Managing swampy meadows, wetlands and chains of ponds

In the face of a changing climate, one that is expected to bring increased extremes in weather patterns, wouldn't it be nice to have a riparian system you could describe as 'buffers, sponges and moderators'. The swampy meadow does just that, and is a gem when it comes to bringing resilience to the waterways, farms and wildlife of this dry old continent.



What is a swampy meadow? The swampy meadow is a riparian system that was very common in upland valleys of southeastern Australia at the time of European contact. It is essentially a floodplain that doesn't have a continuous channel. As the name 'swampy' suggests, the alluvial sediments that make up the landform are regularly saturated, creating conditions that support a dense 'meadow' of moisture-loving grasses, sedges and rushes. Some, but not all, swampy meadows contain chains-of-ponds, which are irregularly spaced along the valley floor. For the Full Fact Sheet and video visit: <http://riversofcarbon.org.au/our-projects/rivers-carbon-source-water-linkages/buffers-sponges-moderators-managing-swampy-meadows-wetlands-chains-ponds/>

Tweed trial turns dead trees into habitat for fauna

Contractors from Habi-Tec build a high-rise habitat for lorikeets, gliders and rosellas in this forest red gum on Tree Street, Murwillumbah. The contractors created four hollows in the tree after removing the dead or dying limbs. Photo Tweed Shire Council

An innovative approach to managing the risk of dead trees on public land will be trialled in Tweed Shire starting this week. Rather than removing dead trees in parks, Council has engaged specialist contractors to turn the trees into 'wildlife habitat high-rises'.

Council staff recently attended a workshop on the Gold Coast where this method has been successfully used to create more than 80 habitat trees.

The limbs that present a risk are safely trimmed back and then artificial tree hollows installed. The hollows closely resemble natural hollows, as they are constructed from the existing tree branches.



Monitoring of the hollows created on the Gold Coast has shown a high success rate to date.

'More than 300 native wildlife species, including birds, reptiles and mammals are totally dependent on tree hollows for nesting or roosting,' Council's senior biodiversity program leader, Scott Hetherington, said.

'This approach not only prevents the loss of dead trees, which are critical for providing tree hollows, but fast-tracks the creation of hollows that otherwise take a minimum of 100 years to form naturally.'

Council is this week creating new habitats in three trees to trial the method.

Yesterday (Tuesday July 3), a tree on Botanical Circuit at Banora Point was treated, followed today by a forest red gum on River Street, Murwillumbah. A third tree in the road reserve on Garden of Eden Road at Tomewin will be treated later this month after nearby powerlines are isolated to allow the work to go ahead.

'The hollows created will target species most likely to occur in the area as all species have unique requirements with regard to the overall dimensions, position and size of entrance hole. The initial hollows will aim to provide habitat for lorikeets and other small parrots, owls and possums,' said Mr Hetherington.

Council arborist Luke Page welcomed the trial.

'Tree hollows in urban areas are becoming increasingly rare so the ability to create these high-rise habitats is very exciting and will provide better outcomes for park users and wildlife alike,' Mr Page said.

<https://www.echo.net.au/2018/07/tweed-trial-turns-dead-trees-habitat-fauna/#.Wz2N3zlu6l8.facebook>

FUNDING

Do you have a great project and need funds to make it happen?

You can find more information on available grants on the Brunswick Valley Landcare website including a calendar of all grants expected to be available during 2018. There are also some handy tips on how to be successful with grant applications. Below is a summary of grants which are currently accepting applications and ones that are anticipated to open within the next month.

<http://brunswickvalleylandcare.org.au/funding/>

Biodiversity Conservation Trust funding for private land conservation



Biodiversity
Conservation
Trust

The NSW Government has committed \$37 million for the opening programs from the new NSW Biodiversity Conservation Trust (BCT).

Tenders are invited for up to \$2 million to protect priority koala habitat, and \$2 million for fixed rate offers for conservation agreements in high priority investment areas and \$2 million for Conservation Partners Grants.

Conservation Partners Grants

Conservation Partners Grants are now available on an ongoing basis. All existing BCT agreement holders that do not receive annual conservation management payments are eligible to apply for grants. Grants can assist landholders to maintain the ecological values of their properties. For example, a landholder may need funding to manage a weed outbreak or repair a fence to exclude stock.

The grants are also available to those participating in the Community Environment Network's (CEN) Land for Wildlife or Humane Society International's (HSI) Wildlife Land Trust programs.

Resources:

- [Fact sheet](#)
- [Application](#) form
- [Program Guide](#)

Conservation Partners Program

BCT has also commenced its Conservation Partners Program. This program is for landholders wishing to enter into either a Wildlife Refuge Agreement or an in-perpetuity Conservation Agreement to protect and manage biodiversity on their land.

It is available for landholders who are not seeking or are ineligible for conservation management payments. Eligible properties will be offered in-perpetuity Conservation Agreements or Wildlife Refuge Agreements at no cost to the landholder.

Resources:

- [Fact sheet](#)
 - [Program Guide](#)
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ANZ seeds of renewal program

The ANZ Seeds of Renewal Program focuses specifically on helping build vibrant and sustainable rural communities, to ensure the ongoing prosperity of regional Australia. Grants of up to \$15,000 are available to community organisations for projects that will help their community thrive. Applications open 2 July 2018. <https://www.frrr.org.au/grants/ANZ-seeds-of-renewal>



Saving Our Species Contestable Grants

The NSW Environmental Trust is inviting applications for its Saving Our Species (SoS) Contestable Grants Program. Applications close **13 August 2018**.



Funding is available to organisations / groups to support long term projects that will secure threatened [landscape managed species](#) and [threatened ecological communities](#) in the wild, in line with the objectives of the NSW Government's [Saving our Species \(SoS\) program](#).

The \$9 million program will include one round of competitive grants to support a number of 7-year projects. Grants of up to \$350,000 each will be available over the first 4.5 years of 7-year projects.

The grant program has been designed to see the program and the applicant resource the first 4.5 years of the project, with the remaining 2.5 years resourced solely by the applicant. The funding model assumes that for most conservation projects higher costs occur upfront in the first few years, with fewer resources needed when the project transitions to a maintenance phase.

At least 10% of the project value must be quarantined for monitoring.

All applications are strongly encouraged to develop and deliver their projects with collaborating partners.

Community groups or organisations that are not incorporated are only eligible to apply if they arrange for the grant to be administered by an incorporated or government organisation.

Go to the Trust's website for more information about SoS Contestable Grants and application materials: <http://www.environment.nsw.gov.au/grants/saving-our-species-contestable-grants-program-2018.htm>

A webinar will be available on the Trust website next week.

<http://www.environment.nsw.gov.au/grants/saving-our-species-contestable-grants-program-2018.htm>

Patagonia Grants Program



Patagonia Australia funds only environmental work.

They are most interested in making grants to organisations that identify and work on the root causes of problems and that approach issues with a commitment to long-term change.

Because they believe that the most direct path to real change is through building grassroots momentum, their funding focuses on organisations that create a strong base of citizen support.

They fund work that:

- is action-oriented
- is quantifiable
- builds public involvement and support
- is strategic in its targeting and goals
- focuses on root causes
- accomplishes specific goals and objectives that can be effectively measured to evaluate success

Grant applications are open 1 July - 31 August 2018 and can be between \$10,000 USD and \$20,000 USD, depending on the specific needs of the project.

For more details head to their website: <https://www.patagonia.com.au/pages/grant-guidelines>

Weed of the Month

This month's weed of the month is Corky Passionflower *Passiflora suberosa*.

A slender scrambling vine, originating from South America.

It is easily identified from other vines as the older stems become pale and corky.

The leaves are usually deeply and acutely lobed, but are sometimes unlobed. There are two glands near middle of leaf stalk.



The flowers are pale greenish in Summer – Autumn. The berries are a globose purple-black in Autumn – Winter and are bird dispersed.

It smothers native vegetation and occurs in disturbed rainforest in warmer areas.

A similar Native Species is *Passiflora herbertiana*, Native Passionfruit which has leaves that are not as deeply lobed and greenish fruit.



ROUS
COUNTY COUNCIL



Have you seen Job's Tears?

Job's Tears (*Coix lacryma-jobi*) is a tall, grain-bearing, clumping-millet from Southeast Asia. It grows up to 2 metres tall and is usually found along creeks and watercourses. It has fruits that look like beads, and are white, grey or black in colour. The beads are easily dispersed by water, especially during times of flood. Easily establishing in creek systems, the plants are capable of displacing native aquatic plants and blocking the flow of waterways.

Job's Tears has been noticed spreading along a couple of North Coast creek systems. To date, we only have reports of it growing in Terania and Horseshoe Creeks. We are looking to find how widespread this plant is, to undertake an accurate weed risk assessment. If you think you have seen this plant, please let us know on 6623 3847, or send photos for identification to kim.curtis@rous.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 groups co-ordinators before attending a working bee as plans do change!**

Brunswick Heads Dunecare

WHEN: 4th Sunday of the month 8:00am – 11:00am
WHERE: Meet in North Beach Car Park
CONTACT: Jordan Moore brunswickheadsdunecare@gmail.com 0413 962 468 txt mess pls

Yallakool Reserve Landcare, Ocean Shores

WHEN: each Friday at 8.30 am
WHERE: corner of Yallakool Drive and Warrambool Road, Ocean Shores
CONTACT: Felicity Watson 0467 650 140
or David Kemp dnkemp77@gmail.com 0427 650 861

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: alternate 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: 2nd Sunday of the month
WHERE: find out from Rita de Heer
CONTACT: Rita de Heer 02 6684 1495 rdeheer1@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@australis.net 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

LINKS

- Arakwal <http://arakwal.com.au/>
- Border Rangers Alliance <http://www.greasternranges.org.au/border-ranges/overview/overview>
- 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
- Local Land Services www.northcoast.ils.nsw.gov.au
- North Coast Local Land Services <http://northcoast.ils.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 0421 244 640 (Monday, Thursday and Friday)

email: alison.ratcliffe@byron.nsw.gov.au



This newsletter is supported by Byron Shire Council.

