



Newsletter for Landcare and Dunecare in Byron Shire

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

 Connect on facebook

June 2015

JUNE	18	Mapping Workshop
	19	Info stall at PRIMEX
JULY	19	Rainforest Walk and Plant ID at the Pocket
	20	Talk to Ocean Shores Garden Club
AUGUST	8	Native Bee Workshop

Can you imagine 20 Million Trees?

On a perfect autumn afternoon on New Brighton beach when most people are walking their dogs or having a surf the volunteers from New Brighton Dunecare are working to plant trees that will help stabilise the dunes.

Plants need a bit of help to establish when they are in such a harsh environment so windbreaks are being erected to protect them. These windbreaks will be a trial to see if it increases the survival rate of planted trees.



Robyn Bolden from the Dunecare group says “Our goal is to plant 1000 trees between Riversea Lane and Pacific Street beach accesses. About half the trees will be planted on the fore dune, where we will be relying on windbreaks for protection. Once the trees are established the windbreaks will be removed”.



New Brighton Dunecare recently received a grant from the Department of the Environment 20 Million Trees Programme.

The Australian Government is working with the community to plant 20 million trees by 2020, to help to re-establish green corridors and urban forests all over Australia.

If you would like to get involved the Dunecare group has a working bee on the first Friday of every month from 1:30 pm – 4:30 pm. Meet at the end of the Esplanade - about 50 metres south of the Strand Intersection. For more information please contact Robyn on robyn.bolden@australis.net

This project is supported by Brunswick Valley Landcare through funding from the Australian Government’s National Landcare Programme.

FUNDING

Bush Connect

Bush Connect is a contestable grants program seeking to achieve long-term outcomes for the NSW environment within the Great Eastern Ranges (GER) corridor. Grants of between \$250,000 and \$500,000 are available to eligible groups to carry out on-ground activities with an emphasis on creating and/or enhancing conservation connectivity.



Applications are due by **5pm Friday 19 June 2015**.

<http://www.environment.nsw.gov.au/grants/bushconnect.htm>

Live Ideas at SCU

Have you got a Live Idea? Southern Cross University (SCU) is calling for ideas for collaborative projects from organisations. The University is particularly interested in project ideas in the fields of environmental science and management, marine science, engineering, social work, community development, media and the creative arts. The nature of projects can be diverse; from small one-off events requiring only a few hours through to more substantial research projects, and don't necessarily need face-to-face contact.



Propose your idea for collaboration on the SCU Live Ideas website <http://www.liveideas.org.au/>

Whole Kids Small Seeds Community Grants Program

Whole Kids Small Seeds Community Grants Program supports grassroots organisations and groups that are working hard in their local communities to improve children's health and wellbeing through innovative and impactful projects. We select projects that aim to deliver positive impacts in one or more of the following areas:

- Improving children's nutrition and access to healthy food.
- Reducing environmental health risks to children.
- Encouraging greater access for children to education and learning opportunities.
- Building stronger local communities for families and children.
- Creating safe areas for children's play, recreation and enjoyment.
- Enhancing children's mental health and wellbeing.
- Protecting children's human rights and promoting social justice.
- Protecting our environment, wildlife and natural wilderness for current and future generations of children.

You can apply for a grant for any amount between \$500 and \$5000 for each individual project and there are 4 rounds of grants this year. Round one closes on the **30th June 2015**.

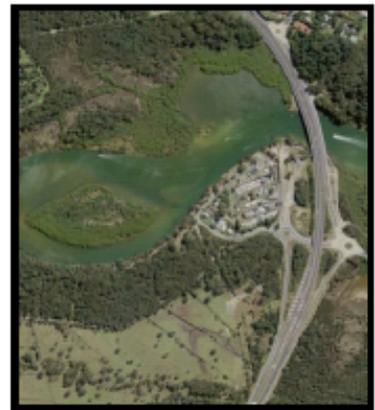
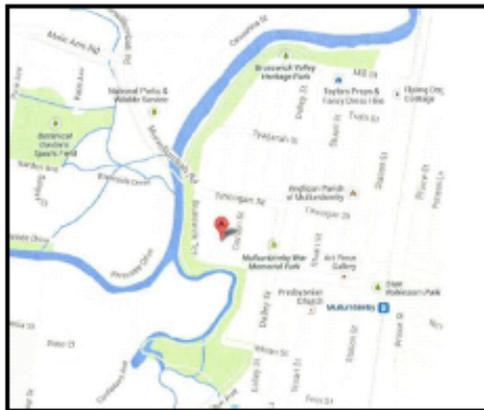
<http://www.wholekids.com.au/small-seeds-about-us/>





Brunswick Valley Landcare invites you to a
FREE workshop.

Mapping for NRM projects using the internet



Date: Thursday 18th June 2014

Time: 9:00 am – 1:00 pm

Location: IT Training room at the Byron Community College
corner of Burringbar Street and Gordon Street, Mullumbimby.

Trainer: Justin Mallee

Bring: Please bring along your GPS smart phone with full battery and a pen
and paper.

Morning tea will be provided

Come along and learn how to use free GIS mapping software that is available on the internet and the GPS on your smart phone to make accurate maps of your property.

Bookings are essential

Please contact Alison Ratcliffe 6626 7028

alison.ratcliffe@byron.nsw.gov.au

This workshop is funded by Regional Landcare through it's capacity building project,
Brunswick Valley Landcare and supported by Byron Shire Council.

Brunswick Valley Landcare invites you to a

FREE!

Rainforest walk and plant identification workshop



Come and walk among the giants in some ancient rainforest.

This workshop will teach you skills to identify rainforest trees and shrubs.

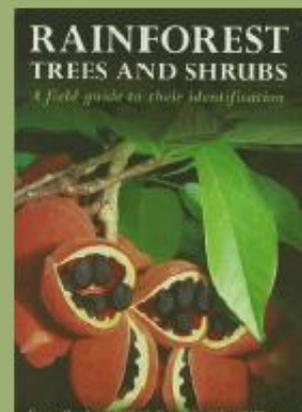
It is aimed at beginners and people with intermediate level identification skills.

Trainer: Justin Mallee
Date: Sunday 19th of July 2015
Time: 9:30 am – 1:00 pm
Location: The Pocket (details will be provided upon booking)
Bookings Essential: Please contact Justin by email: j.ecologic@gmail.com or phone: 02 66840212

Please bring the following along to the workshop

- Water, snacks and sturdy shoes
- Optional – binoculars, camera, pen, note book, hand lens
- Optional – A copy of *Rainforest Trees and Shrubs: A field guide to their identification* by Gwen Harden, Bill McDonald and John Williams.

Morning tea will be provided.



This project is supported by Brunswick Valley Landcare through funding from the NSW Government.



AABR Field Event

Restoring the Byron Bay Clay Heath EEC
Saturday 11th July 2015



WORKING WITH NATURAL PROCESSES

Ecological consultant Andy Baker will lead a walk through this fragile Endangered Ecological Community and discuss the extensive restoration works including use of fire. Numbers are limited but Andy is offering to do both a morning (9am-11am) and an afternoon walk (1pm-3pm).

RSVP for details to andybaker@wildsite.com.au or call 0422 736 351

BVL is looking for a new treasurer



The duties of the treasurer include attending to the activities that contribute to the financial well-being of the organisation including overseeing grant funding and other sources of finance. The treasurer advises the BVL Committee of relevant monetary issues, financial status and compliance. This includes maintaining financial records and providing monthly income and expenditure statements to the Committee. BVL also employs a bookkeeper, and the treasurer is responsible for overseeing the work of the bookkeeper in processing payments and preparing documents for auditing.

This is a voluntary position and would suit someone with a background in finance, someone who is currently studying in this field, has other relevant experience or a head for figures, along with an interest in the environment and conservation. Training will be provided. Committee meetings are a relaxed monthly affair in Mullumbimby.

If you are interested, please contact the BVL Secretary, Melody Valentine, for more information and a copy of the Duty Statement at: melody.f.valentine@gmail.com.



BVL has a new volunteer

Hi, I'm Lynette Simm from Ocean Shores and I will be volunteering with BVL as their volunteer co-ordinator. I am involved in various community groups including the Lismore spinners and weavers. My family moved to Alstonville in 1978 and I studied visual and performing arts at the Lismore College of Advanced Education. I've been interested in health and wellbeing for a long time, so I'm looking forward to helping coordinate the Brunswick Valley Landcare groups. Please contact me if you need assistance recruiting new volunteers or coordinating your current group on my email below. I look forward to hearing from you.

BVL.volunteer.coordinator@gmail.com

Suffolk Park Dunecare
Caring for our coast

Suffolk Park Dune Care is mourning the loss of our dear friend Jenny Caldwell who was tragically killed at Stockton on her way to the Blue Mountains to compete in a bike event something in which she excelled.

Jenny worked alongside Dune Care for many years establishing an area of land between Tallow Creek and the bike path and also assisting us in many working bees.

We will miss her cheerful and exuberant personality as will her many patients as she was also a highly skilled Physiotherapist.

Sadly it is goodbye to a passionate conservationist. Vale Jenny

NSW Coastal Conference



The NSW Coastal Conference will be held in Foster in November and the Call for Abstracts is now open. Papers and presentations are being sought from individuals or organisations to come and share their experience and ideas with the NSW Coastal Conference 2015. For more information visit <http://www.coastalconference.com/>

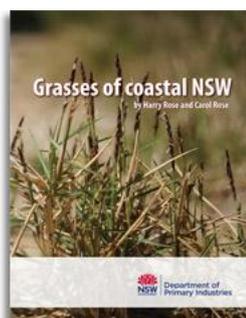
Want to become a sustainability leader?

The Centre for Sustainability Leadership (CSL) is excited to be offering its renowned Fellowship Program for the first time ever in Queensland and is looking for candidates Australia wide. If you are a passionate, emerging leader for sustainability, looking to develop your capacity to create environmental and social change then we would love to meet you. The program runs from Sunday 2nd August to Saturday 24th November. Applications close **5pm on Sunday 28th June**. <http://www.csl.org.au/>



Grasses of Coastal NSW, Grasses of NSW Tablelands

The Grasses of Coastal NSW and Grasses of the NSW Tablelands is now available as ebooks through the itunes store. They have the same content as the print book, plus some video content.



Grasses of Coastal NSW 7NJH4ALYL7WE

<https://itunes.apple.com/au/book/grasses-of-coastal-nsw/id970201904?mt=11>)

Grasses of NSW Tablelands 46XENPNLN7M

<https://itunes.apple.com/au/book/grasses-of-the-nsw-tablelands/id970705706?mt=11>)

The Position

The primary role of this position is to liaise with landowners and other stakeholders to undertake inspection of land under the direction of Far North Coast Weeds. As a regulatory role, this position requires that provisions of the *Noxious Weeds Act 1993* and all other related legislation are enacted throughout the County district.

To be successful in this role, you will need to be self-motivated, and enjoy working independently to achieve targets, whilst making a positive contribution to a supportive team environment.

Enquiries

The full position description and Information Package are available at www.fncw.nsw.gov.au. If you require additional information, please contact Human Resources on (02) 6621 8055.

Applicants must address the selection criteria contained in the Position Description.

Applications can be forwarded by:

- email to recruitment@fncw.nsw.gov.au,
- by post addressed to the General Manager, PO Box 230, Lismore NSW 2480, or
- delivered to Reception on Level 4, 218-232 Molesworth Street, Lismore.

Applications close: 9:00am Monday, 22 June 2015

Far North Coast Weeds is an Equal Employment Opportunity Employer, and has a smoke free workplace.

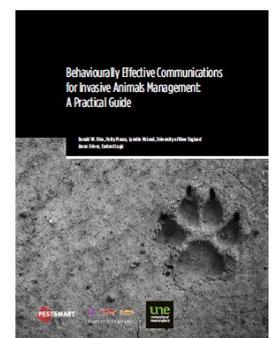
Change or fail: Why human behaviour matters for pest animal control

Is it a pest problem or a people problem when managing the complex challenge of pest animals? The essential ingredient of pest animal communications – to deploy what we know about human behaviour – is being promoted in a new practical guide from the Invasive Animals Cooperative Research Centre and the University of New England.

The publication, *Behaviourally Effective Communications for Invasive Animals Management: A Practical Guide*, aims to make life easier for communication practitioners by explaining in plain English how advances in psychology can change behaviour and empower farmers and land managers to adopt new approaches for best practice pest animal control.

The publication can be found at:

www.pestsmart.org.au/behaviourally-effective-communications-for-invasive-animals-management



Fish Habitat Workshop

Participants in the Brunswick Valley Landcare Fish Habitat workshop held in Mullum on Saturday 16th May increased their knowledge and enjoyed the presentation given by Scott Nichols, Aquatic Habitat Rehabilitation Officer from NSW fisheries.

Scott collected some local native fish species such as Firetail Gudgeon from Mullum Creek and the group observed them in the aquarium. He outlined some of the factors that have contributed to the decline in fish numbers in our rivers and creeks, for example, loss of creek bank vegetation, removal of snags, decline in water quality

due to erosion and sedimentation, barriers to fish passage such as dams and weirs, loss of wetlands and regulation of flow from dams which can cause water temperature variation detrimental to fish breeding. We were inspired by stories of local landcare groups and fishers working together to repair damage done by the clearing of vegetation, weed invasion and rubbish dumping along waterways.

Afternoon tea was followed by a guided walk along Mullum Creek where Scott pointed out some of the factors such as creek bank erosion that damage fish habitat and also factors that improve fish habitat such as the creek bank revegetation projects carried out by Brunswick Valley Landcare volunteers over many years.

Participants were impressed by the weed removal and planting along River Terrace which is the most recent revegetation project funded by the NSW Government through its Environmental Trust.

Financial assistance and advice to improve fish habitat is available for landowners and groups through Habitat Action Grants. Email: fish.habitat@dpi.nsw.gov.au.



Department of Primary Industries



Brunswick Valley Landcare Inc.

Final Report of the Senate Inquiry into preventing new invasive species

The final report of the Senate Inquiry into preventing new invasive species (environmental biosecurity) was released on the 13th May.

This inquiry was established in June 2014 to investigate *the adequacy of arrangements to prevent the entry and establishment of invasive species likely to harm Australia's natural environment, including recent biosecurity performance and Australia's state of preparedness for new environmental incursions.*

The report received bipartisan support and includes a long list of recommendations. The full report can be found at [Senate Inquiry page](#).

Hollow Homes for our native friends

Would you like to help to provide homes for our local native animals?

BVL's nest box project has been working to install nest boxes around the Byron Shire for a variety of different fauna including birds, possums, gliders, micro bats and owls. The team was installing some additional nest boxes at Ocean Shores public school last week, and monitoring some existing nest boxes, when they found a gorgeous feathered and a family of furry friends peering up at them. The school has 7 nest boxes that were previously installed and there was a family of Sugar Gliders in one box and an Owlet Nightjar in another.



Brunswick Valley Landcare launched a crowd funding project last year to secure funding to install owl nest boxes. Five of our seven local owl species use hollows to nest in and will use nesting boxes if available. Nesting hollows are in short supply and especially the size of hollows that owls need.

Mark Evans, project officer said "Trees need to be a minimum of 120 years old before they develop owl-nest-sized hollows. Owl populations have crashed and all five owl species under consideration are classified as Vulnerable to Extinction. Loss of forest habitat and nesting hollows are major causes."

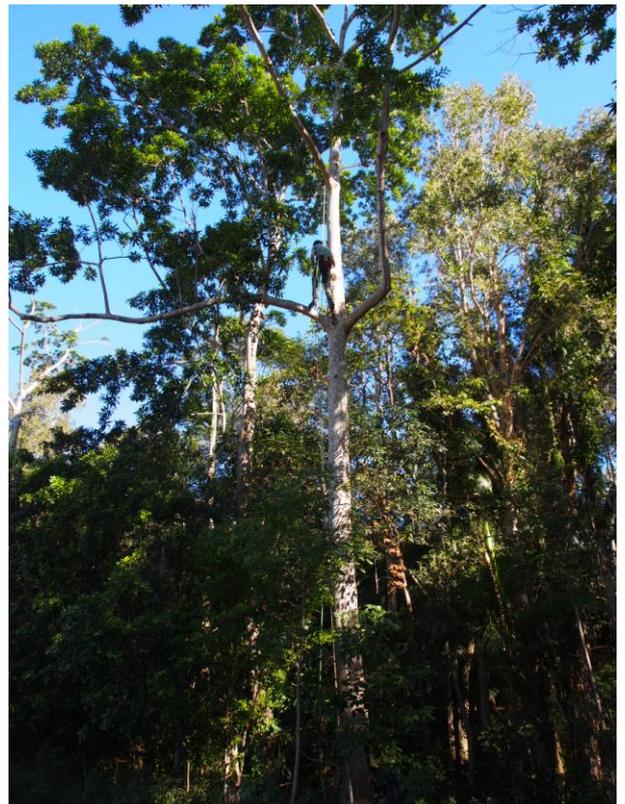
Brunswick Valley Landcare and other Byron Shire organisations have been planting trees for about 20 years. But owls won't survive if they have to wait another 100 years for hollows. They need to raise young

now to build up their populations before they become too few to save.

"Some of the trees we've planted are tall enough now, and their upper branches strong enough to support the size of nest boxes suitable for owls. Owls need their boxes higher than almost all other species, 6-10 metres, (20-35 feet) above the forest floor! Nest boxes for owls may also be bigger than most other nest boxes," said Rita de Heer, project manager.

It's not a job for the faint hearted installing an owl nest box 12 m up a tree! Luckily we have the support of Nick from Sentinel Tree Care with all his ropes and ladders to do the scary work!

This project is supported by Brunswick Valley Landcare and through generous donations from the community through Pozible crowd funding.



New

Byron Shire's 3 Bin Collection Service

commencing
3 August 2015



Your fortnightly Recycling service



These items in your yellow Recycling bin

- ✓ Paper/cardboard
- ✓ Milk/juice cartons
- ✓ Magazines, newspaper and books
- ✓ Tetra paks
- ✓ Waxed cardboard/paper
- ✓ Aerosol cans (empty)
- ✓ Aluminium cans/clean aluminium foil
- ✓ Steel cans/tins
- ✓ Paint tins (dried out/up to 4L)
- ✓ Cutlery, pots, pans
- ✓ Glass bottle/jars (lids on)
- ✓ Crockery/ceramics
- ✓ Pyrex, plate, mirror glass
- ✓ Yoghurt containers
- ✓ Hard plastic bottles (lids on), containers
- ✓ Plant pots (empty)
- ✓ Plastic cutlery
- ✓ Biscuit trays

Your fortnightly Landfill service



Tips to prevent nappy odour:

- Store your red Landfill bin in the shade
- Double bag your nappies
- Dispose of any solid waste before putting it into your red Landfill bin
- Use general odour removing products such as crystals or bin bombs

These items in your red Landfill bin

- ✓ All disposable nappies including compostable
- ✓ All wipes (keep wipes out of our pipes)
- ✓ Loose soft plastics
- ✓ Baby food pouches
- ✓ Cling wrap
- ✓ Soiled clothing
- ✓ String/twine
- ✓ Cigarette butts
- ✓ Kitty litter
- ✓ Broken toys
- ✓ Laminated paper and stickers



You can be part of the solution!

For more information contact the Waste Hotline on 1300 652 625

www.byron.nsw.gov.au/new-three-bin-collection-service
www.facebook.com/byronshire.council

Replacement caddy liners can be purchased from a range of stockists including Santos, Mitre 10 and Bunnings stores.



Byron Resource Recovery Centre
115 Manse Road, Myocum
Opening hours
Monday – Friday: 8 am – 4 pm
Saturday and Sunday: 8 am – 4 pm

Second Hand Shop
Opening hours
Monday: Closed
Tuesday – Friday: 9 am – 3 pm
Saturday and Sunday: 8.30 am – 11.30 am



This project was supported by the Environmental Trust as part of the NSW 0%to Waste Less, Recycle More Initiative. Funded from the waste levy.

What's happening?

Byron Shire Council is introducing a New 3 Bin Collection Service for urban residents in August 2015! It will include a weekly green Organics collection service for all of your food and garden organic waste.

What's changing?

You will have a new weekly green Organics service, a fortnightly yellow Recycling service and a fortnightly red Landfill service.

Why is Byron Shire Council introducing an organics service?

Fifty percent of what goes into our red Landfill bins each week is food and garden organics.

The new 3 bin service will be an easy and convenient system for separating and sorting your household waste so together we can reduce what we send to landfill, help our local environment and turn our waste into valuable resources.

Benefits of being a good sort in the Byron Shire



Your weekly green Organics service

Your weekly green Organics service is expected to divert around 3000 tonnes of waste from landfill each year. Organic materials will be recovered and processed into certified organic compost and returned to the soils on our local farms and gardens.



These items in your green Organics bin

- ✓ All food scraps including meat and seafood, dairy and citrus
- ✓ Bread, pasta and rice
- ✓ Soiled paper and cardboard eg pizza boxes
- ✓ Soiled tissues and paper towel
- ✓ Teabags and coffee grounds
- ✓ Compostable coffee cups and cutlery
- ✓ Grass clippings
- ✓ Prunings (max 80cm long x 10cm diameter)
- ✓ Leaves, flowers and weeds
- ✓ Palm fronds
- ✓ Council approved compostable liners

Your Kitchen Organics Caddy will help you separate and sort food organics for your green Organics bin



When does the new service start?

Green Organics bins (240L) will be delivered to Byron Shire residents in July 2015.

The new service will commence on Monday 3 August 2015, on your normal collection day.

To help you get started with the new 3 bin system you will also receive:

- a Kitchen Organics Caddy
- a six-month supply of compostable caddy liners
- an Education Pack including: a guide to using the new system, a 2015-16 collection calendar, A4 bin stickers and a fridge magnet.



Hints and tips for using your green Organics bin

- Placing newspaper at the bottom of your caddy will help absorb small amounts of liquid
- Layer your food and garden waste to help prevent odours
- During hot weather, freeze meat and seafood scraps until just before collection day
- Empty your caddy regularly to prevent odours, flies and pests
- Keep your caddy liners in a cool a cool dry place

Landcare NSW Muster - Claim the Date!

Landcarers from across NSW are encouraged to come to Orange on 1st September 2015 to join the Landcare Muster and the State Landcare Conference. The Muster in Landcare NSW's key mechanism for gathering input from the Landcare community to shape our priorities and activities into the future – come along and contribute your thoughts & ideas.

Theme: *'From the Ground Up' - Celebrating international year of soil*
When : 1st Sep 2015 8:30am - 3rd Sep 2015 5:30pm
Where : Turners Vineyard, 4929 Mitchell Highway, Orange
Contact: Liz Davis on 02 6363 7872

What would you like to see at the conference?

The Steering Committee for the Conference would like your recommendations on speakers and workshops for the conference. We would greatly appreciate your input into planning the conference by completing our very quick survey. <https://www.surveymonkey.com/s/NSWLandcareConferenceZYT6J7Q>

Plant of the Month

This months plant of the month is **Singapore Daisy *Sphagneticola trilobata* (syn *Wedelia*)**.



It is a spreading herb up to 70cm high that originates from Mexico to Argentina so I have no idea why it is called Singapore Daisy!

The stems can spread up to 2m and rot at the joints so if you pull up a small section and remaining stems or roots will reshoot. The leaves are dark green above and paler below. The margins of the leaves are toothed and some three-lobed. It has lots of yellow daisy like flowers. It flowers from spring to autumn and is spread vegetatively, which means that it is spread by sections of the plant being moved around. It competes with native groundcover species and will

smother native seedlings.

For more information on how to control these weeds and other weeds in the shire please visit the Byron Shire Council website and you will find weed profile sheets:

<http://www.byron.nsw.gov.au/weed-profiles>



LINKS

- Arakwal <http://arakwal.com.au/>
 - Border Rangers Alliance <http://www.greateasternranges.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>
 - Ewingsdale Locality Group (BVL) <http://ewingsdale.org.au/#/landcare/4532495308>
 - Far North Coast Weeds <http://fncw.nsw.gov.au/>
 - Friends of the Koala www.friendsofthekoala.org
 - Green and Clean Awareness Team www.greenclean.org.au
 - North Coast Local Land Services <http://northcoast.lls.nsw.gov.au/>
 - Northern Landcare Support Services <http://www.nlss.com.au/>
 - Mullumbimby Community Gardens <http://mullumcommunitygarden.wordpress.com/>
 - North Coast nature <http://www.northcoastnature.org.au/>
 - Richmond Landcare Inc. <http://www.richmondlandcare.org/>
 - Soilcare <http://www.soilcare.org>
 - Suffolk Park Locality Group
(BVL) www.landcare.nsw.gov.au/groups/suffolk-park-dunecare-group
 - Tweed Landcare Inc. <http://www.tweedlandcare.org.au/>
 - Wilson's Creek Huonbrook Landcare <http://wilsonscreeklandcare.mullum.com.au/>
 - Wetlandcare Australia <http://www.wetlandcare.com.au/index.php>
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For information about Landcare or other natural resource issues in Byron shire
please contact

Landcare Community Support Officer
Alison Ratcliffe 66267028 (Tuesday and Wednesday)
email: alison.ratcliffe@byron.nsw.gov.au



This newsletter is funded by North Coast Local Land Services and supported by Byron Shire Council.



Local Land
Services

