

Newsletter for

Landcare and Dunecare

in Byron Shire

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

🚹 Connect on facebook

October 2016

OCTOBER

16 Big Scrub Day

- 22 Federal Park Party Landcare and Weed Information Stall
- 26 Property Planning Field Day



BVL's Nest Box Project by Rita de Heer

Owl Box number 12 in Brunswick Valley Landcares Nest Box Project has been generating a lot of excitement! It contains evidence that three different creatures have made their home in it, or at least tried to.

The boobook perched on a nearby branch is the latest occupant. I believe

at least two of the eggs inside are hers.

A whole lot of wood duck down feathers and the other two eggs in the box lead me to believe that a wood duck was interrupted in her brooding and chased from the box.

In the winter there were lots of leaves in this box and a squad of gliders ... this photo from June 2016.

Not such good news from one of the motion detecting cameras that was installed at one of the boxes that has a lot





of acitivity. A feral cat climbing a large eucalypt! A cat trap has now been placed at the base of the tree but no luck yet capturing the

vilan! You can view the video here <u>Cat</u> <u>Video on Facebook</u>





To see more of the results from the last round of nest box monitoring please visit the Brunswick Valley Landcare facebook page. <u>Brunswick Valley Landcare Facebook</u>

To borrow a cat trap please contact Byron Shire Council.

Intrepid Landcare by Alison Ratcliffe

One of the young leaders who came along to our Weeds and Waves event was successful in receiving a sponsored position to attend the National Landcare Conference – Maddy Rose-Rose Braddon ! Maddy and the other Intrepid Landcare members made quite a splash!

This story taken from ABC News.

"A youthful evolution to an old environmental movement is changing what people think of Landcare.

For 30 years, Landcare has proved itself as a way to

unite city and country to help improve and protect Australia's environment. Now a new part of Landcare is uniting young and old as well.

Intrepid Landcare attracts young people by changing the movement's language and offering a sense of adventure.

In the Hunter Valley region of New South Wales, wine and weeds tours have been held. Elsewhere, a group of young people from the Illawarra spent a week at a Dubbo sheep property.

Co-founders Megan Rowlatt and Naomi Edwards met on social media platform Instagram.

To read the full story please visit <u>http://www.abc.net.au/news/2016-09-</u><u>30/intrepid-landcare/7891704</u> or to listen to the audio of the interview and listen out for the mention of Northern Rivers Intrepid visit <u>Intrepid</u> <u>Landcare is changing the way an old environmental movement talks to</u> <u>young people.</u> (ABC Rural)



The Intrepid Landcare group at the National Landcare conference in Melbourne



Intrepid Co-founders Megan Rowlatt and Naomi Edwards

Naomi received the National Young Landcare Leader award.



BAT APPRECIATION MONTH

October is Bat Appreciation Month. Bats are the only flying mammals, they sleep upside down, and they kill mosquitoes. What's not to love!

Have you ever wanted to learn about flying foxes ?

Or perhaps photograph the amazing spectacle of the flyout but dont know how to manage the tricky combination of light and movement? Then this event is for you! Join <u>Kristin Den Exter</u> and <u>Natalie Barovsky</u> for an immersive interactive evening in the heart of the Lismore wilds combining

science and creativity.

Friday 28th October 5.30 - 7.00 pm

We will walk through Rotary Park to learn about flying fox ecology, and their role as a keystone species. Followed by an on the spot tutorial for photographing the flyout! Bring an enquiring mind and your camera/tripod (not essential). FREE EVENT brought to you by the Northern Rivers Science Hub and Inspiring Australia - donations to WIRES Northern Rivers encouraged. <u>https://www.facebook.com/events/296503150732330/</u>







Easy Steps to a Property Plan Free Field Day



Come along to a free practical field day :

- Visit a local farm and witness a good property plan in action,
- Learn the importance of a good plan and why you need one,
- Learn about the legislative requirements that will effect you,
- Be guided in easy steps towards a do-able plan for your own rural property,
- Resources will be available to help you.

Wednesday 26th October 2016 12.30 pm – 4.30 pm Myocum

PROGRAM AND GUEST SPEAKERS:

12.30 - 1.00 Welcome and Introductions

- 1.00 1.30 Lunch will be provided.
- 1.30 2.30 Property Planning with Natalie Hancock from Byron Shire Council
- 2.30 3.30 Property Planning from a farmers point of view
- 3.30 4.30 Farm Tour

Bookings are essential please contact: Bela Allen 6684 7113 bella allen@yahoo.com



This project is supported by funding from the Australian Governments National Landcare Program



National Landcare Programme





Scrubbers Ball is back for 2016 with special guest speaker Bob Brown, DJ, live music, karma keg, wine bar and more.

It's the night before Big Scrub Field Day. Perfect timing for a rainforest-friendly hoedown. Theme: forgotten fads.

Unlike previous events, this year's Scrubbers Ball will be licensed (strictly no BYO).

Tickets \$33.00 plus ticketing fee available online at <u>https://www.eventbrite.com.au/e/scrubbers-ball-2016-tickets-27671371818</u>. Concession tickets also available.

All profits go to Bob Brown Foundation and Big Scrub Landcare. https://www.facebook.com/events/1726752577574578/

Tristran Parade Landcare

5 - 6.30pm Tuesday October 4

Is the next tree planting on the island between Brushbox Dr and Tristran Pde.

Best access is from Brushbox Dr as Paul Jones (the owner) is having the area slashed.

The site is looking fantastic and I think the survival from the last planting was over 95%.

Bring drinking water and a spade.

Paul has very kindly offered to provide food afterwards.

It'll be fantastic!! For more information please contact Jane Wickers janeawickers@gmail.com

South New Brighton Dunecare

Hope you are all well and enjoying this fabulous weather.

We have another working bee coming up.

Our aim is to plant approx 80 trees - pandanus and coastal wattle along the frontal dune and where appropriate, to collect tree guards and stake along the way.

Details as follows:

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WHEN: Friday 7th Oct 1:30pm - 4:30pm
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For more information please contact Robyn T: 02 66801970 E: robyn.bolden@australis.net

National Landcare Programme Survey



The Australian Government is inviting you to provide feedback on the National Landcare Programme through an online survey.

The survey should take no longer than 20 minutes to complete and responses will be confidential. **Closes 14 October 2016**. https://environment.au.citizenspace.com/biodiversity-conservation/nlp-stakeholder-survey

Learning how to control pests

Did you know that North Coast Local Land Services offers Vertebrate Pest Induction Training (VPIT) covering the use of 1080 baiting for pest animal control? Contact the Biosecurity Team for more information. **Lismore LLS** And ask to speak to Tony Hefferman Ph: 02 6623 3900

Feral photo winners highlight a national problem

The winning photos and video footage in our 2016 Feral Photos competition highlight why pest animals are an ongoing threat to Australia's pristine environment and multi-billion dollar agriculture sector.

This year, the winning image of a 'fox attacking a native egret' was taken by



Mary-Anne Addington, while visiting the Hunter Wetlands Centre in NSW.

"I was shocked to see in broad-daylight, a fox attacking and killing a native Eastern great egret. Even looking back at the image, I still find it confronting," Ms Addington said.

Ms Addington always has her camera handy and decided to take some photos so she could document what she was seeing and bring it to the attention of the Hunter Wetlands Centre staff.

"The staff were extremely concerned by the images and since viewing them have undertaken further fox control and predator proofing within the wetlands," Ms Addington said.

Other prize winners included an image of feral goats in full fight, taken by Sue Stelzer in western Queensland, an up close and personal image of a single 'carp egg,' taken by Danswell Starrs in Canberra and a series of remote camera images showcasing the devastating impact of feral cats on the endangered Malleefowl, taken by Ashleigh Harris in Western Australia.

Jessica Marsh, the Invasive Animals CRC National Natural Resource Management Facilitator, who manages the competition each year, was amazed by the more than 150 entrants who entered a total 309 images and 23 videos.

"The competition always showcases the mantra that 'a picture paints a thousand words', and this year was no different with the calibre and quality of entries from all over Australia impressing our judging panel and I'd like to thank all those who entered the competition," Ms Marsh said.

To see the photos and videos visit <u>http://www.pestsmart.org.au/feral-photo-winners-highlight-national-problem/</u>

MADHIMA GULGAN BUSH REGENERATION SERVICES

Bushland and rainforest regeneration, revegetation and environmental weed control services for the Tweed and Byron Shires

Qualified and experienced team with insurance

FREE QUOTES P: Trevor 02 6684 6294 E: madhimagulgan@gmail.com

Madhima Gulgan are a local not for profit organisation that serves Aboriginal people and their families, assisting with overcoming poverty and disadvantage by creating employment in bush regeneration. to provide training for local aboriginal people.

The Landcare Australia Newsletter is now available to read online <u>http://us1.campaign-archive2.com/?u=c874938162801405204f0d115&id=881582b988&e=fb4f71cc41</u>

IADHIMA GULGAN



Using technology to improve productivity

North Coast Local Land Services is working with macadamia growers to develop Erosion Management Plans designed to reduce land degradation and improve farm viability. Light Detection and Ranging (LIDAR) technology is providing crucial data and information for the development of the Plans. Combining technology, industry knowledge, partnerships and grower experiences has produced <u>positive</u> <u>early outcomes</u>.

STORIES to inspire and give you hope

Fresh hope for Carnaby's black cockatoo as numbers 'increase dramatically' with artificial hollows by ABC News SARAH

TAILLIER

Artificial nesting hollows are helping revive the numbers of the critically endangered Carnaby's black cockatoo, after it lost part of its breeding heartland to bushfire in Western Australia.

Key points:

- Nestlings making it out of artificial hollows increased by 25 per cent
- Artificial hollows created after analysis of 3,000 natural tree hollows
- Number of cockatoo breeding partners more than doubled at research site in past seven years



Senior Widllife officer Rick Dawson checks a Carnaby's Black Cockatoo nestling.

- The largest known nestling ground for the Australian bird species is in woodlands at a farm in Coomallo near Badgingarra, about 200 kilometers north of Perth.
- In late 2009, a bushfire swept through part of the site, killing young birds and destroying nesting hollows, which can take more than a century to form.
- Competition for the remaining hollows was fierce, so conservationists decided to make new homes for the birds.

Rick Dawson is a Senior Wildlife Officer with the Department of Parks and Wildlife in Western Australia.

"We put our first artificial hollows in in late 2010, " Mr Dawson said.

"Since that day the numbers have increased dramatically."

After analysing almost 3,000 natural tree hollows, and after trial and error, Mr Dawson believes they have created a near-perfect home for the birds. As soon as we put these new hollows up, these big ones, the birds just took to them straight away and the success has gone through the roof. The nestlings that are actually making it out of the hollows have actually increased from 50 to 75 per cent," he said.

To read the rest of the story please visit: <u>http://mobile.abc.net.au/news/2016-09-18/carnaby-cockatoo-revival-program/7854318?pfmredir=sm</u>

A Message for Humanity from Dr Jane Goodall

https://m.facebook.com/story.php?story_fbid=533079913532378&id=344719155701789



An inspiring and powerful message that is well worth a watch.

Land for Wildlife

Australia Bird Feeding and Watering Survey from Citizen

Science Database

Well I am only delighted to share an interview I did on Afternoons on ABC Radio National on Friday 23rd. On the show I discuss a few very early trends from the data you supplied during the winter stage of The Australian Bird Feeding and Watering Study (<u>www.feedingbirds.org.au</u>). Please remember the trends I talk about during the show reflects very early findings/trends and may well change! I plan on exploring these trends in more detail and apply more rigorous statistics before drawing any real conclusions. In addition we need information from the summer survey before I can say anything is for sure.

In saying all this!!!! I do want to share the excitement of what the data is revealing in this early stage as this is my favourite part of science – finding trends by combining all the information you have supplied. I hope you enjoy the show and you can listen to it on the ABC site.

The summer dates are as follows: Week 1 Monday 30th Jan – Sunday 5th February; Week 2 Monday 6th – Sunday 12th of February; Week 3 Monday 13th - Sunday 19th February; Week 4 Monday 20th – Sunday 26th of February.

If you cannot commit to the full time period that is ok – just do what you can.

Before the summer survey starts myself and my hubby will be working on the website (<u>www.feedingbirds.org.au</u>) to make it easier for you to use

Anyway that is all for now! Do stay in touch and feel free to email me with pictures or stories about your interactions with birds. Also, we have a facebook page <u>facebook.com/bathingbrids</u> where you can share photos of both feeding and bathing birds.

https://csdb.org.au/feedingbirds/home.aspx

Starfish fungi time-lapse by ABC News

Stephen Axford

This time-lapse is a stinkhorn fungi commonly called the anemone or starfish fungi.

Its Latin name is *Aseroe rubra* which translates as disgusting red juice.

Aseroe rubra has a big international history that starts on the 1 May 1792 when it became the very first Australian fungi collected and scientifically documented.

Jacques Labillardière, a French botanist, visited Tasmania on an exploration voyage and discovered *Aseroe rubra* growing in the appropriately named Recherche Bay in southern Tasmania. He gathered specimens of the fungi to add to his growing collection of Australian fauna, flora and fungi. During the voyage back to France the French Revolution began. When Labillardière's ship stopped at Java, his scientific collections were seized by the British as spoils of war. Fortunately Labillardière was a good friend of Joseph Banks who successfully persuaded the British government to return the collection.

Labillardière's description of Aseroe rubra was eventually published in the early 1800s.

Since that time the fungi has been documented down much of the east coast of Australia from as far north as the Brisbane region to Tasmania. <u>https://open.abc.net.au/explore/151310</u>







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 2016. 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/

Farming Together Initiative

The \$14.9m Farming Together Initiative is a national, two-year campaign for primary producers and processors to collaborate and claim marketplace power.



Visit the website and complete the simple self-assessment - no extensive forms to fill in.

All farmers who register receive one-on-one expert advice to discuss their opportunities and appetite to create a successful collaborative group. This could be either as a structured co-operative, as a collective bargaining entity or as a less-formal collaborative group. The most-promising groups will be offered assistance for product research and development. Areas that are covered include advice on marketing, capital-raising, packaging, logistics and exporting as well as non-ongoing consultancy appointments.

WANT TO KNOW MORE? Phone Nick or Andrew on 1800 00 55 55. Email: info@farmingtogether.com.au

Please keep an eye on the website and sign up for our newsletters at www.farmingtogether.com.au.

An exciting new farming project is on offer ... the \$14.9m *Farming Together* initiative is a national, twoyear campaign for primary producers and processors to collaborate and claim marketplace power.

Huge opportunities exist for any Australian citizen who farms within the ATO recognised guidelines (<u>https://www.ato.gov.au/business/primary-producers/primary-production-activities</u>)

drawn from a wide range of commodity groups from across Australia and backed by an industry advisory group representing experts from WA, NT, Queensland, Victoria, SA and NSW.

Norman Wettenhall Grant Scheme

Grants to provide support for groups or individuals undertaking projects that will make a positive difference to the natural living environment, in land, sea or air, rural or urban.





At the moment The Norman Wettenhall Foundation are looking for projects around flora and fauna conservation, threatened mammal conservation, and landscape restoration and education.

November grants are now open for application. Follow the link by clicking the button below for more information and how to apply. <u>http://nwf.org.au/grants/</u>

Community Litter Grants

Community Litter Grants are open to Community Groups and non-for- profit organisations to address a littering issue in their local area.

Funding of up to \$5000 is available for a variety of litter reduction initiatives, including but not limited to:

- Infrastructure updates and/or installations
- · Community engagement
- Clean ups
- Litter reduction education

A Handbook with eligibility and step by step instructions, application forms and a range resources are available at <u>http://knswb.org.au/our-programs/community-litter-grants/</u>

Applications open until March 1st 2017. Suitable for community volunteer groups wanting to tackle litter problems

The Hamer Sprout Fund

Each year, the Hamer Sprout Fund will consider applications from organisations that share the fund's goals. We are particularly interested in giving to smaller organisations and projects to get them off the ground. Please contact us with your ideas and projects – we would love to discuss them with you. The mission of the Hamer Family Sprout Fund is "*to build communities inspired to take action for a sustainable future*".



Our aim is to support projects and organisations that:

- Promote innovation in environmental education
- Facilitate engagement in environmental action
- Advocate for environmental sustainability
- Foster collaboration between young people engaged in environmental leadership

Available Funding

A total of \$25,000 is available for the Sprout Grants each year. Up to \$5,000 is available per project, however more (up to \$10,000) may be awarded in exceptional circumstances.

http://thehamersproutfund.org/

2017 Science and Innovation Awards - grants open

Applications are now open for the 2017 Science Awards. If you're 18-35, this is your chance to apply for a grant of up to \$22,000 (inc GST) to fund your project on an innovative or emerging scientific issue that will benefit Australia's primary industries.

The Hon Barnaby Joyce, Deputy Prime Minister and Minister for Agriculture and Water Resources, launched the 2017 Science and Innovation Awards, saying "Innovation is a key driver of productivity growth for Australian agriculture, which is a key pillar of our national economy. Research and development is essential for this and we're fortunate to have such an impressive pool of passionate young scientists and innovators whose ideas and research will shape the future of our agricultural industries." **Close 14th October** <u>http://www.agriculture.gov.au/abares/conferences-events/scienceawards</u>

Whites Rural Community Grants

Whites Rural Community Grants are designed to make a difference to kids in regional, rural, and remote areas. Grants of up to \$4,000 will be awarded to at least 10 applicants - designed to help kids in rural communities through art, music, sport, sustainability, or social well-being. To find out more go to http://www.wrcommunity.com.au



Weed of the Month

This month's weed of the month is Searocket -American Searocket *Cakile edentula* and European Searocket *Cakile maritima*.

Cakile is mostly found as a strand line (or drift line) growing on coastal beaches. This is typically the section between the dunes and the beach and would usually be inhabited by Beach Spinifex *Spinifex sericeus* and Beach Bean *Canavalia rosea*.

The introduction of Cakile to Australia are thought to be the result of the release of ballast form ships



visiting from the northern hemisphere. It has only recently appeared in the Northern Rivers Region.



The plant is dispersed by local and drifting seeds by the wind or the ocean currents. They are both an annual plant with a taproot. The flowers can be white, pink or purple. The flowers have 4 petals and are fragrant. The plants can flower at any time of year. Each fruit has two sections, one that remains attached to the adult, and the other which falls off for dispersal by wind or water. Seedlings appear all year round depending on rain and are most abundant in spring.

Several authors contend that the species do nor represent a major threat to native ecosystems of coastal geomorphology and both species have been listed as a low priority weed for control at a

state level. At a local level, they may form small incipient dunes which can allow for the recruitment of other species. It is thought that the removal of bitou along the coast may provide a window of opportunity for Cakile especially where the fore dune height is low. This would mean that Cakile would compete with the regeneration of native species such as the Beach Spinifex and Beach Bean.

At a recent meeting of the Regional Weeds Committee it was supported that Cakile species should be listed and categorisation for regional containment.

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





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, closedin 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: | 4 th Sunday of th | e month | 8:00am – 11:00am | |
|----------|------------------------------|-----------------|---------------------------|---------------------------|
| WHERE: | Meet in North B | Beach Cai | r Park | |
| CONTACT: | Jordan Moore | <u>brunswic</u> | ckheadsdunecare@gmail.com | 0413 962 468 txt mess pls |

Yallakool Reserve Landcare, Ocean Shores

| WHEN: | each Friday at 8. | .30 am | |
|----------|-------------------|-------------------------|----------------------|
| WHERE: | corner of Yallako | ool Drive and Warramboo | l 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: | 3 rd Sunday of | the month | 9:00am | |
|----------|---------------------------|-------------------|------------|--------------|
| WHERE: | Meet Main Be | ach, Byron | Bay | |
| CONTACT: | Veda Turner | <u>vedaturner</u> | @gmail.com | 0427 857 991 |

Heritage Park Landcare, Mullumbimby

| WHEN: | alternate Saturdays | s 9:00am – 11:00 am |
|----------|---------------------|---------------------|
| WHERE: | Heritage Park, Mul | lumbimby |
| CONTACT: | Diana Hughes bro | omspot@gmail.com |

Jinangong Landcare, Ocean Shores

| WHEN: | 1 st Sunday of the month | | |
|----------|-------------------------------------|--|--|
| WHERE: | The Tunnel Road, Ocean Shores | | |
| CONTACT: | Ian Parer ianparer@hotmail.com | | |

Lower Mullum Creek Landcare, Mullumbimby

| WHEN: | 2 nd 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: | 1 st Friday of the | month 1:30pm - 4:30pm | | |
|----------|-------------------------------|-------------------------------|--------------|---------------|
| WHERE: | Meet at southern | n end of the Esplanade at the | Strand beach | access point. |
| CONTACT: | Robyn Bolden | robyn.bolden@australis.net | 6680 1970 | |

Suffolk Park Dunecare

| WHEN: | 1 st Saturday of | | |
|----------|-----------------------------|--------------------|-----------|
| 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 <a href="http://www.greateasternranges.org.au/border-ranges/overview/o
- Bangalow River and Landcare <u>http://www.bangalowlandcare.org.au/</u>
- 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 <u>www.envite.org.au</u>
- Environmental Trust <u>http://www.environment.nsw.gov.au/grants/envtrust.htm</u>
- Ewingsdale Locality Group (BVL) <u>http://ewingsdale.org.au/#/landcare/4532495308</u>
- Far North Coast Weeds http://fncw.nsw.gov.au/
- Friends of the Koala www.friendsofthekoala.org
- North Coast Local Land Services http://northcoast.lls.nsw.gov.au/
- Northern Landcare Support Services <u>http://www.nlss.com.au/</u>
- Mullumbimby Community Gardens http://mullumcommunitygarden.wordpress.com/
- North Coast nature http://www.northcoastnature.org.au/
- Richmond Landcare Inc. <u>http://www.richmondlandcare.org/</u>
- Soilcare http://www.soilcare.org
- Suffolk Park Locality Group (BVL) <u>www.landcare.nsw.gov.au/groups/suffolk-park-dunecare-group</u>
- Tweed Landcare Inc. <u>http://www.tweedlandcare.org.au/</u>
- Wilson's Creek Huonbrook Landcare <u>http://wilsonscreeklandcare.mullum.com.au/</u>
- Wetlandcare Australia <u>http://www.wetlandcare.com.au/index.php</u>



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.





