




Newsletter for Landcare and Dunecare in Byron Shire

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

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FEBRUARY 17 Know your Weeds – second step to property planning **January 2017**

Monitoring to protect Byron's native fauna

Thanks to an enthusiastic response from landholders adjacent to the Tyagarah Nature Reserve and Belongil Estuary a picture of pest animal and local native fauna presence has emerged.

With funding through the Australian Government's National Landcare Programme, North Coast Local Land Services, Byron Shire Council and NSW National Parks and Wildlife Service have been working with landowners monitoring the movement of wildlife including pest animals over the past three weeks.

Kel Langfield, Senior Land Services Officer said, "We recently captured native animals and foxes, feral dogs and cats on cameras placed on private property near the Tyagarah Nature Reserve which has painted a clear picture of how these pest animals are utilising local bush corridors.



"Using camera imagery to tell the story of where pest species are present in our bush assists landowners to target management or control efforts such as trapping or locating and destroying dens that will be utilised next spring to raise pups. It is the spring pups that are the next threat on the native fauna such as the koala, Long Nosed Potaroo and nesting shorebirds such as the Pied Oystercatcher," Kel said.

Local landowner Melanie Manton said, "We have planted thousands of trees on our property to support the expansion of wildlife corridors to attract the koala, but it is obvious from the results of the camera monitoring that this also entices pest animals to utilise these corridors so we now must manage their impact."



Generational Byron Bay farmer George Flick said, "I used to see a lot of wallabies down in my bottom paddock but don't anymore and I am now regularly hearing of foxes and wild dogs being sighted. The camera monitoring confirms my suspicion and I'd encourage all landholders to be proactive with their neighbours to manage the impacts of wild dogs and foxes."

North Coast Local Land Services Biosecurity Officers can provide information about a range of options available to control pest animals and landholders who would like to know more about this project should

contact Kel Langfield, North Coast Local Land Services on 6623 3924.

Conservation of Beach-nesting Birds: Volunteer Monitoring

Pottsville Beach, 24th Jan 2017



Improving the conservation outlook for beach-nesting birds is incredibly challenging. Volunteers make an amazing difference to the future of these species by monitoring breeding beaches, reporting and protecting nests, and educating other beach users.

This workshop will focus on the methods used to safely monitor beach-nesting bird and you'll learn how to interpret the quirky behaviours of the birds by going on the beach walk.



Date: Tuesday 24th of January 2017

Time: 1:15pm (1:30pm start) till 3:00pm
Field trip 3:00 - 4:30pm

Where: Pottsville Beach Neighbourhood Centre, 12a Elizabeth St, Pottsville Beach.



Bring along a water bottle and appropriate clothing for the field trip to the beach – walking shoes, sun hat or rain coat and binoculars if you have them.

RSVP by Tuesday 17th Jan 2017:

Meg Cullen – meghan.cullen@birdlife.org.au

birds are in our nature





Free Workshop

Know your Weeds – Second Step to Property Planning

Come along to a free practical workshop:

- Display of local weeds with identification,
- Learn which plants are poisonous to livestock,
- Bring samples of your plants for identification,
- Free resources and literature available.



Friday 17th February 2016 12.30 pm – 4.30 pm Ewingsdale

PROGRAM AND GUEST SPEAKERS:

- | | |
|--------------|---|
| 12.30 – 1.00 | Lunch will be provided. |
| 1.00 - 1.15 | Welcome and Introductions |
| 1.15 – 2.00 | High Priority Weeds with Kim Curtis from Rous County Council (Far North Coast Weeds) |
| 2.00 – 2.45 | Plants Poisonous to Livestock with Phil Kemsley, veterinarian from Local Land Services |
| 2.45 – 3.30 | Aboriginal Cultural Heritage Assets on private land with Shane Ivey from Madhima Gulgan |
| 3.30 – 4.00 | Afternoon tea will be provided |
| 4.00 – 4.30 | Time for questions and discussion |

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

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



Rainforests of Subtropical Australia

A Symposium of Science and Practice

A decade since the last major rainforest conference in eastern Australia, Rainforests of Subtropical Australia (ROSA) brings you the very latest in rainforest science and restoration, with sessions on climate change, threatened species, rainforest values and restoration.

FEATURING:

Carla Catterall
Ian Lowe
Ralf Buckley
Roger Kitching
Tim Low

Plus over 30 of
Australia's leading
rainforest experts!

The 2017 ROSA Symposium is brought to you by Healthy Waterways and Catchments, through funding from the Australian Government's National Landcare Programme



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Australian Government

National
Landcare
Programme



23 - 24 March 2017
Gold Coast

For more information, and to register visit
[rosa2017.eventbrite.com.au](https://www.eventbrite.com.au)

Restore, Regenerate, Revegetate: Restoring Ecological Processes, Ecosystems and Landscapes in a Changing World

The program is now on the website. The conference will be held between 5-9 February 2017 at the University of New England in Armidale.

<http://conferencecompany.com.au/revegconf2017/>



FEB 05-09 / 2017



The January issue of Village Eco News is now available with a great article on local snakes and also the story behind this photo!

https://issuu.com/villageeconews/docs/village_eco_news_issue_7_january_2

Brunswick Valley Landcare Inc. is looking for a new secretary

Brunswick Valley Landcare (BVL) is looking for a new Secretary. The duties of the secretary include attending to the activities that contribute to the administration of the organisation. This includes monitoring and responding to correspondence and keeping minutes of meetings.

This is a voluntary position and would suit someone who is organised and computer savvy, and 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 for more information and a copy of the Duty Statement at: brunswickvalleylandcare@gmail.com.



Your chance to give Landcare a voice on the Local Land Services Board:

In 2017 Local Land Services will hold elections for locally elected board members. If you pay Local Land Services rates, you are eligible to have your say but only if you enrol to vote. Don't waste your opportunity to have your say on who you would like to represent you on the Board. To be eligible to vote you must be the nominated occupier of a rateable holding within the North Coast Local Land Services region. Only one person may be enrolled for each holding.

To enrol to vote, complete the enrolment form from the North Coast Local Land Services website. Return the completed form either via email or in the post to LLS. It only takes a few minutes and all you need is your Customer Reference Number which is available on your rates notice.

If you need further information or assistance, please contact Local Land Services on 1800 795 299 or visit your local office.

<http://www.lls.nsw.gov.au/about/board-of-chairs/elections>



STORIES to inspire and give you hope

Making a Difference by Liz Gander from Bangalow Land and Rivercare

When you first become aware of the environment we live in, and begin to see the enormity of the problems that human activity is causing, it can be overwhelming and easy to despair.

There seems to be two schools of thought about this, either “what difference can one person make?” or “everything I do makes a difference”.

I believe wholeheartedly in the latter, that being mindful of every action, every day does make an enormous difference. I've had moments of despair myself, as the problems are so numerous and widespread. I have needed to reconcile that if you focus on what you can do in your own home first and then the locality in which you live this is a good start. The problems are worldwide, so finding a cause to aide elsewhere in the world extends our reach to make an impact.

My mother was washing out and reusing plastic bags when I was little in the 60's. Of course, we all thought she was mad in her greenie ways.

I admit, it took me until I had children of my own that would inherit the earth before I caught on and became aware of the waste humans create and then the bigger picture of environmental destruction.

I take pride now that by starting with my small actions, my children and grandchildren have taken to the cause much earlier than I did and it gives me hope that there will be an acceleration of awareness in future generations.

Land for Wildlife



Leaf Cutter Bees by John Tann



I didn't think that many insects were interested in eating Camphor Laurel leaves, yet here I thought something had been having a go. But no, this is the work of a leafcutter bee, a species of *Megachile*.

According to Bernhard Jacobi, these sections have been used by a female leafcutter bee, *Megachile sp.* to line her nest in some beetle burrow in wood (or similar) nearby. The two shapes, circular

vs oval are typical, serving as transverse partitions between brood cells and longitudinal tapestry respectively! Camphor keeps the moulds away from the bee's brood.

It didn't stop me pulling this seedling out, though. I figure there are plenty more fresh Camphor Laurel leaves elsewhere for our leafcutter bee to use.

Five reasons to love brush turkeys

by ABC Science News

Have brush turkeys taken over your garden? The Australian brush turkey (*Alectura lathamii*), also known as the bush or scrub turkey, has a bad reputation.

Brush turkeys are blamed for damaging gardens and darting across roads

The characteristic nature of the brush turkey is to lurk in gardens making an awful mess as it digs up leaf litter, twigs and dirt.

But there are good reasons to admire — if not love — this native bird, as revealed by 'turkey whisperer' Professor Darryl Jones of Griffith University.

1. **Brush turkeys are unusual self-starters**
2. **Brush turkeys are ancient**
3. **Brush turkeys helped people survive the Great Depression**
4. **Brush turkey males make compost in the name of love**
5. **The turkeys are a bit of nature in the city**

A few quick tips on living with brush turkeys

- To discourage brush turkeys in places you don't want them, dismantle any sign of a nest before it gets established.
- Don't feed the birds.
- Build fences around your garden beds.
- Brush turkeys are encouraged by thick rainforest vegetation and leaf litter – they also need a lot of space for their enormous mounds.
- Install motion activated sprinklers

To read the full story go to <http://www.abc.net.au/news/2017-01-17/five-reasons-to-love-brush-turkeys/7199724>



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/>

Control tools and technologies for established pest animals and weeds competitive grants programme

The Australian Government is supporting farmers and the community to tackle [established pest animals and weeds](#) through the Control tools and technologies for established pest animals and weeds competitive grants programme. Approximately \$10 million is available through the programme in 2016–17, to

support the development of, and/or improvement to innovative and forward-thinking control tools and technologies from 2016–17 to 2018–19.

Applications close 5pm AEST, Monday 23 January 2017.

<http://www.agriculture.gov.au/pests-diseases-weeds/pest-animals-and-weeds/wp-comp-grants-programme/>

Building Better Regions Fund

This program provides funding for infrastructure and community investment projects that will create jobs, drive economic growth and build stronger regional communities into the future. Both streams are now open. The Investment Projects Stream will close at 5pm local time on 28 February 2017 and the Community Investments Stream will close at **5pm local time on 31 March 2017.**

<https://www.business.gov.au/assistance/building-better-regions-fund>

Clean energy strategies for business

The New South Wales government is looking to assist companies to go 100% renewable or to achieve zero net emissions. The *Clean Energy Strategies for Business* program will provide up to \$10,000 in funding for each successful business.



Department
of Industry
Resources & Energy

The program will provide grants and consultancy services to businesses to allow them to develop a strategy to reduce operational emissions to zero.

To register your interest in the project, please contact energy.saver@environment.nsw.gov.au for an application form. Applications must be received electronically by **5:00pm on 20 January 2017.**

<http://www.resourcesandenergy.nsw.gov.au/energy-consumers/sustainable-energy/clean-energy-strategies-for-business>

Small Grants for Rural Communities (SGRC)

Grants for projects to address issues that make a difference to the sustainability of rural, regional and remote communities including projects that address the following:



Strong Leadership & Community Capacity: Investing and developing leadership, skills and capacity of individuals and organisations, enhancing inclusion and strengthening culture.

Sustainable Community Infrastructure: Projects focusing on improving local infrastructure, creating places which enable communities to connect and grow their identity.

Equitable Access to Opportunities: Ensuring equitable access to quality services and opportunities in the areas of culture, arts, education, health, wellbeing, communications, transport, food and the environment.

Vibrant Local Economies: Projects that enhance a sustainable economy, providing jobs, growth and wealth for the community.

Grants of up to \$5,000 are available for projects and activities that offer clear public benefit for communities in rural, regional or remote Australia. Priority is given to communities of 10,000 or fewer.

Not-for-profit community organisations that have an ABN or Incorporation Certificate can apply. **Organisations / projects demonstrating community partnerships are preferred** to multiple applications from one community

Applications will be accepted any time by **email**, through to **5pm Friday, 31 March 2017.**

Rubbervine

(*Cryptostegia grandiflora*)

Rubber vine is a class 1 weed and one of Queensland's most destructive weeds. Purple rubber vine *Cryptostegia madagascariensis* is closely related to it and is a restricted invasive plant under the *Biosecurity Act 2014*. Found sparingly naturalised in Northern New South Wales, it is Native to north-western Madagascar.

Growing supported as a many-stemmed vine or unsupported as a small shrub it can threaten waterways and forests. The leaves are dark green, glossy, with pale underside, arranged in opposite pairs, with summer pink-purple flowers.

It is widely distributed throughout tropical and subtropical regions of the world. In Queensland it is found in river systems of southern

Cape York and Gulf of Carpentaria, south along coast to Burnett River and common in central

If you think you have seen Rubbervine in the area, please call Rous County Council on (02) 6623 3847. If you would like to learn more about any of our High Priority Species, visit www.rous.nsw.gov.au



Weed of the Month

This month's weed of the month is Glory Lily *Gloriosa superba*. It is a scrambling vine which originates from Africa and Asia. It has an underground tuber and climbing stems up to 4 m long. Leaves have an extended tip functioning as a tendril. Flowers are showy, yellow, orange or red, with "petals" turned back to expose the stamens. Capsules contain small red seeds. It is flowering now but will flower from October through to May.



It competes with native seedlings and ground covers. It grows in coastal habitats including sand. The seeds are spread by birds and the tubers in dumped garden rubbish often spread this weed into new areas of dunes.

Similar Native Species are Scrambling Lily *Geitonoplesium cymosum* and Wombat Berry *Eustrephus latifolius* but both have finer, more wiry stems when young. *Gloriosa* grows in the same habitat as Pink Nodding Orchid *Geodrum densiflorum*, a Threatened Species but the pink nodding orchid has a more pleated leaf and doesn't climb, and has a pastel pink flower.

Glory Lily is very difficult to control due to its growth habit of climbing all over possibly desirable low vegetation, its toxicity and its regrowing tuberous root system. Repeated treatments over a few years are required to effectively control this plant, therefore early control is the best idea.

This is a perennial plant with ephemeral foliage that arises from underground tubers during late spring to early autumn. It forms dense monocultures and often occurs in association with Ground Asparagus and Bitou Bush. It may establish following the treatment of these weeds, arising from exposed soil seed banks. It contains toxic compounds which are extremely poisonous to humans and animals.



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

Lower Mullum Creek 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>
 - Ewingsdale Locality Group (BVL) <http://ewingsdale.org.au/#/landcare/4532495308>
 - Rous County Council (formerly Far North Coast Weeds) <http://rous.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 <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**

