



Newsletter for Landcare and Dunecare in Byron Shire

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



April 2019

Yalla Kool Reserve Walking Track opening by Josie Banens

The Ocean Shores community came together to launch the new walking track which winds through the regenerated Yalla Kool Reserve from Inderwong Avenue in Ocean Shores up to Warrambool Road.

Around 60 Landcarers, Twitchers and interested community members including Cr Michael Lyon attended the event, joining Byron Bird Buddies sunrise bird walk, guided walks and BBQ breakfast put on by Brunswick Valley Landcare (BVL) on Saturday 30 March.

BVL with the help of Landcare Support Officer Alison Ratcliffe was awarded \$50,000 on behalf of Yalla Kool Landcare group to upgrade and formalise the walking track including the installation of a new bridge. Three community events were held as part of the project, including a tree planting event in November.

The reserve has been transformed from cleared former grazing land into a thriving rainforest over the last 15 years thanks to the volunteers who meet twice a week to work in the reserve.



The track provides a link between the Ocean Shores shopping centre area and Devine's Hill lookout.

Yalla Kool Landcare group's coordinator David Kemp said the group would "love to

share this under-utilised green space with the community."

The event was made possible with funding from the Australian Government's National Landcare Program through their Environmental Small Grants.





BANGALOW KOALAS

KOALA TREE PLANTING WORKING BEE Saturday 27 April 2019

NO Weeding, **NO** Digging, **NO** Whipper Snipping, just planting trees in pre-dug holes and mulching – **EASY!**

There are 1,325 koala and rainforest trees to plant so Bangalow Koalas is having another Working Bee. If you want to volunteer a couple of hours of your time then please see below for details.

PLUS as a thank you for your time and hard work there is a sausage sizzle and sandwiches thanks to Bangalow Lions and Julie Frankham.

What you need to bring and wear:

- Trowels, drinking water, sunscreen.
- Long sleeves, long pants, gloves, fully enclosed footwear, hat.

Planting 1,325 Trees

Date Sat 27th April, 2019, 9am start

Where 191/199 Myocum Road, Ewingsdale

Thanks to Byron Shire Council Community Initiatives Program, Community Underwriting Small Grants Program and Bangalow Lions.

RSVP: Linda Sparrow on
twodogsmedia@optusnet.com.au

Thank you for the help and support of:



THE 9TH ANNUAL
MULLUM MUSIC FESTIVAL
MOTHERS DAY

Tree Planting



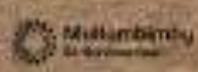
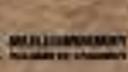
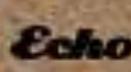
CELEBRATING ALL MUMS!

SUNDAY MAY 12TH - 9AM
141 DINGO LANE, MYOCUM



HEAD OUT OF MULLUM PAST THE GOLF COURSE, TURN LEFT ONTO MYOCUM ROAD,
TAKE THE THIRD STREET ON THE RIGHT - DINGO LANE AND 141/15 ON THE LEFT HAND SIDE.

PLANTING | LIVE MUSIC | FOOD | STALLS



FRIDAY
14TH
JUNE
2019

FARM FORESTRY FIELD DAY

An interactive workshop for existing and new landholders considering farm forestry.

Recently bought land? Do you have land but don't know what to do with it? Would you like to integrate trees into your rural landscape for biodiversity, conservation, carbon capture, better soils and profit?



Tour an established cabinet timber plantation, see a milling demonstration, solar drying kilns, and hear from experts in the field.

- Andy Plummer and Karl Vikstrom (Lune de Sang Silviculture)
- Dr. Kevin Glencross (Southern Cross University)
- Johanna Kempff (DPI Forestry Planner)
- Mark Dunphy (Firewheel Rainforest Nursery)
- Martin Novak (Sub-Tropical Farm Forestry Association)
- Dr. Joanne Green (Earthscapes)

Topics covered include: Property Planning; Site Selection; Soils Suitability; Soil Carbon; Planting Out; Maintenance; Milling; Product Marketing and Regulatory Setting.

At Federal, NSW

9am - 4pm, Friday 14th June 2019

tickets \$45 - lunch and morning tea included

with all proceeds going to regenerative agriculture projects

to book tickets please visit www.brunswickvalleylandcare.org.au



presented by Brunswick Valley
Landcare's Farming into the Future and
LDS Silviculture

Has anyone seen any deer in the region? Tweed Landcare Inc are running a project and are compiling sightings from all over the region. Phone 1300 795 299 or enter the location in www.deerscan.org.au

Have you seen deer in the Tweed?



Please report ANY sightings of deer in the Tweed, or in any neighbouring Shires. We need your help to prevent deer establishing in the Tweed.

Follow deer *Dama dama* (hinds and bucks). Photo: Marc Baldwin



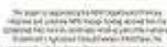
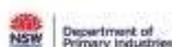
Follow deer with cows (hinds) - Photo: Peter Jozsa



Follow deer - Photo: Peter Jozsa

Deer cause fatal car accidents, threaten World Heritage areas, destroy crops, damage fences, spread ticks, and compete with livestock and wildlife for food. We don't want them here!

Phone a Biosecurity Officer on 1300 795 299 or enter the location in Deer Scan www.deerscan.org.au





The April issue of Village Eco News is now available. There's a great article on the battle against bugs, and on the White Beach tree.

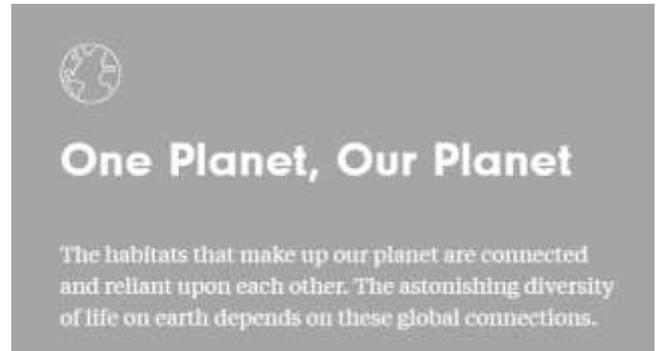
<http://brunswickvalleylandcare.org.au/wp-content/uploads/2016/06/Village-Eco-News-Issue-30-April-2019.pdf>

STORIES to inspire and give you hope

Our Planet

I'm sure many of you have watched David Attenborough's new series "Our Planet" which is currently available on Netflix. However you may not know that there are a whole range of short videos on key topics. My favourite – How to restore our forests. <https://www.ourplanet.com/en/video/how-to-restore-our-forests/>

And here is a lovely interview of David talking to Rove McManus on what still astonishes him about the natural world and what we need to do to protect our planet. https://m.facebook.com/story.php?story_fbid=10156205991018441&id=107787018440



How smart technology is helping to save a Kimberley river from devastating rubber vine by [ABC KIMBERLEY](#) MATT BAMFORD

An invasive species devastating fragile ecosystems across northern Australia is on the back foot in one of the Top End's most untouched rivers.

Rubber vine kills native flora and fauna, damages pastoral land and chokes waterways from Queensland to Western Australia's far north.

A group of people in WA's remote Kimberley region are using innovative technology to fight back, and they're winning.

For the past eight years, John Szymanski has led the battle against the plant in the Fitzroy River, one of the country's last pristine river systems.

Mr Szymanski has developed a sophisticated arsenal that includes a custom-made helicopter mapping system, remote cameras and a team of dedicated volunteers working from their living rooms around the country.

As a result, less than 1 per cent of the infestation remains.

To read the rest of the story visit : <https://mobile.abc.net.au/news/2019-03-16/winning-the-war-against-rubber-vine-australias-worst-pest/10893766?fbclid=IwAR35Lgm8KnJvB6Hnf2WCOIkPZbJrG0FkK6NiVwhuHqZ1NYaxo-rJu8RwKEQ&pfmredir=sm>



Super Smut Fungus To Combat Smothering Weed by CSIRO

Australia's national science agency CSIRO will release a new biocontrol agent called "leaf smut" in a bid to help save rainforests across Australia from an invasive South American weed. Wandering trad (*Tradescantia fluminensis*) has become a significant environmental weed in parts of eastern Australia where it forms dense carpets on forest floors, smothering native vegetation and clogging waterways. *Photo : An infestation of wandering trad smothering the forest floor.*



Release of biocontrol agents are approved by the Australian Department of Agriculture and Water Resources. <https://www.csiro.au/en/News/News-releases/2019/Super-smut-fungus-to-combat-smothering-weed>

REGENERATIVE AGRICULTURE



Soil testing in demand as farmers start to see the benefits of carbon by The Land

There is mainstream demand from farmers for organic carbon rich soil, which was the message from the Environmental Analysis Laboratory after their website crashed due to high traffic when they offered up free soil tests.

The lab, at Southern Cross University Lismore, tests soil samples from dozens of countries, with its director, Graham Lancaster, saying more farmers are seeing the importance of carbon and larger operations becoming involved.

"Carbon is your organic matter, if you can build your carbon you can improve your biological activity and make a healthy environment," Mr Lancaster said. "High organic carbon levels allow soil to hold more water and stops erosion."

He said the first step to becoming more carbon-conscious was for a farmer to understand where their soil was currently at. "To increase something you really need to know where your starting point is, in a lot of cases they're less than one per cent carbon," he said.

Mr Lancaster said growers utilised cropping rotations, direct drilling and grazing practices to increase levels. And farmers were also seeing gains from reducing pesticide and fertiliser usage.

"It just comes down to better farm management and farmers can make decent money from improving carbon," he said.

There is potential for farmers to not only reap the benefits from soil improvements at their own property but also to trade their sustainability. Australia recently became the first in the world to have a project approved for carbon credits.

Gippsland farmer Niels Olsen's invention, the Soilkee Pasture Renovator, was accredited under the government's Emissions Reduction Fund (ERF). The Soilkee combines cultivation, mulching, aeration and mixed species seeding to improve carbon levels. Mr Olsen hopes he won't be the only farmer producing carbon credits for long. AgriProve, an organisation he is involved with, aims to increase soil carbon for 100 farms (100 hectares each) by one per cent in the next four years.

"It's going to be a process that will accelerate as farmers work out there's a money stream and how it suits their farming systems," Mr Olsen said.

<https://www.theland.com.au/story/5976602/carbon-farming-set-to-become-mainstream/?src=rss>



Cane farmers telling it like it is by

WWF Australia

We are all connected by water – this great video tells the story of cane farmers looking after the land and leaving it in better shape for their kids. <https://youtu.be/eukBUEmwq8>

Biodiversity Stewardship Program: Soils For Life Farmers Lead The Way



The Chair of Soils For Life, Major General Michael Jeffery, has welcomed the Federal Government's \$30 million Agriculture Biodiversity Stewardship Program as an encouraging step towards the widespread application of regenerative agriculture practices.

General Jeffery said the 23 case studies undertaken through the SFL program provided outstanding examples of farmers who could provide guidance and inspiration to farm businesses aiming to qualify for the pilot Stewardship Program.

"All of our farmers – including those involved in two new case studies about to be published – have proved that overturning some of the old ways of farming have resulted in greater productivity, greater diversity and deeper, carbon-rich soil profiles", General Jeffery said.

"Healthy soils also have the capacity to absorb, like a sponge, at least sufficient CO₂ to meet our Paris Agreement target. They have the potential to neutralise Australia's total annual industrial emissions of around 550 million tonnes of CO₂, thus allowing a more orderly transition to renewable energy options".

"The Government's pilot Program means that farmers who establish shelter belts, manage their water, rotate their stock and revitalise, regenerate and protect their soils will be rewarded for their vision and their acceptance that new farming practices must be undertaken to adapt to climate change".

"Our Soils For Life farm businesses are have successfully scored the healthy landscape trifecta, by integrating the management of the microbial, nutrient and fungal function of their soils, their water and the diversity of their plants".

See Soils For Life case studies [here](#).

Soils for Life programs demonstrate proven solutions in regenerative landscape management to increase the natural capital value of the Australian landscape – rural, regional and urban.

For more information contact: Niree Creed, Media, Soils For Life, 0418625595

<http://www.soilsforlife.org.au/news/biodiversity-stewardship-program-soils-for-life-farmers-lead-the-way>



Digital mobile agriculture and the future of food security by Ros Harvey, The Yield

Emerging agricultural technologies are accessible to a wider range of growers, from a wider range of backgrounds.

Global food production needs to increase 60% by the year 2050 to feed the earth's projected population of nine billion, according to the Food and Agriculture Organisation of the United Nations. It is expected that 85% of this production increase will be driven by increased yields and cropping intensity.

Agtech, or agricultural technology, has grown out of the need to meet our future demands for food security and will increasingly become the key enabler of sustainable intensification of agriculture.

It is an exciting time as so many new technologies are being developed to meet the challenges we will face in the future, not just on farm but along the entire food supply chain.

Growers have an ever-growing list of mobile apps they can download to make their lives easier. There are apps for recording activities, monitoring weather, and tracking commodities prices. There are converters and calculators, farm management apps, agricultural news apps, forums, pest guides and countless other tools for growers to download.

In a world in which growers are increasingly expected to do more with less, this influx of affordable, easily accessible tools can make a significant impact. The democratisation of technology, particularly mobile technology, means emerging agricultural technologies are accessible to a wider range of growers, from a wider range of backgrounds.

Given the need to improve food production significantly in the coming decades, that access is crucial for agtech to make a tangible impact on food supply globally.

Unlike other agriculture technologies, digital mobile agriculture technology has few barriers to entry, with the savviest players in the market championing affordability, accessibility and simplicity. With smartphone handsets getting cheaper and cheaper, and 4G (and soon 5G) connectivity rolling out across more areas, the potential for digital mobile agriculture technology to revolutionise global food production is immense.

Over the past few years, hundreds of agtech solutions have entered the market with companies eager to help growers simplify and streamline their growing operations. While the sheer number of available solutions means that, generally, there is a solution for every grower, it can make the task of seeking out the leaders in the field rather difficult. Below are ten of the leading digital mobile agtech solutions currently on the market:

1. **SmartShepherd** enables livestock breeders to collect maternal pedigree information quickly and cost-effectively. smartshepherd.com.au
2. **BovControl** is a data collection and analysis tool to improve performance in meat, dairy and genetics production. bovcontrol.com
3. **The Yield** uses AI and data analytics to provide growers with localised seven-day predictions for a range of growing conditions theyield.com
4. **AgriDigital** is a cloud-based commodity management platform that helps growers change the way they buy, sell and store grain. agridigital.io
5. **Tule** provides site-specific irrigation recommendations, using data from on-farm sensors. tuletechnologies.com
6. **Tend** is a farm management solution for diversified farms. tend.ag
7. **Weathermelon** tracks price fluctuations caused by weather issues in 30 top produce markets in the US. weathermelon.com
8. **Fieldmargin** is a simple farm map and notebook that enables easy communication within teams. fieldmargin.com
9. **HarvestYield** helps growers manage their workforce effectively. harvestyield.com
10. **Croptracker** is a record-keeping and operations management app for produce growers. croptracker.com

For more information, check out The Yield's comprehensive guide to understanding mobile agriculture as it fits into the global big picture and some of the solutions available.

The guide takes a deep dive into ten of the leading agtech solutions currently on the market – from features to ratings, availability to target market: go.theyield.com/Digital-and-Mobile-AgTech.html.

The Yield is on a mission to transform food and farming practices with scalable digital technology.

<https://landcareaustralia.org.au/project/digital-mobile-agriculture-and-the-future-of-food-security/>

Fungi Profile: Amazing Endophytes

by Land for Wildlife SEQ

The longer we study ecosystems, the more we realise there are many organisms living together with intimate connections. You don't get much more intimate than the relationship between plants and their symbiotic partners called 'endophytes'.

The name describes where these fungi live: endo = inside and phyte = plant. We also have intimate relationships with other organisms like the microbiome in our stomachs that helps us digest food.

By definition, fungal endophytes are fungi, which inhabit the leaves, stems, bark and roots of plants without causing disease symptoms. Some of these may be latent pathogens but generally the relationship is beneficial to the host plant.

Endophytes in grasses have been the most widely researched because of commercial /agricultural implications. However, this article will focus on the non-grass endophytes, though their stories are similar and equally amazing.

These small club-shaped fungi (*Xylaria hypoxylon*) are probably endophytes. Shown here are their fruiting bodies on dead timber.

Endophytes remain hidden from human sight when we look at ecosystems, as they are living and working entirely within the tissues of their host plants. Molecular (DNA) techniques are giving us insights into some of the amazing diversity of endophytes that live inside rainforest plants in Southeast Queensland.

Up to 20 different species of endophyte were found in the leaves of one plant (the humble Wombat Berry, *Eustrephus latifolius*), in a study by Mapperson & Dearnaley, 2014. Tropical rainforests have even greater endophyte diversity.

Some of the benefits for plants that host endophytes include:

- Improved resistance to herbivores, by production of chemicals that decrease palatability of leaves and stems.
- Improved ability to withstand extreme temperatures and drought.
- Increased tolerance to heavy metals.
- Improved salt tolerance in some plants.

So the community of endophytes found in the tissues of their host plant, live together for years with no need to reproduce as they are getting everything they need to survive (food and water). It is only when their host plant senesces or dies that the endophytes appear to revert to a decomposer lifestyle and start recycling their host plant. At this stage they produce fruit bodies and undergo sexual reproduction.

Many endophytes are in the phylum Ascomycetes, which often produce fruit bodies that are shaped like discs or cups. *Phillipsia subpurpurea* is one of these local endophytes with large burgundy coloured centres and white undersides found on rotten logs in local rainforests. Fruiting down near the ground allows the spores to be dispersed where there are young rainforest plants that the endophytes can partner with. If these young trees get the opportunity to fill a gap and grow up and join the canopy they will grow with their endophyte partners already inside them to help them live.

<https://www.lfwseq.org.au/fungi-profile-amazing-endophytes/>



Electric fencing helping vulnerable species to fly

by Landcare Australia

It was once a common sight to walk down the streets of Brisbane and see thousands of Richmond birdwing butterflies dart across the sky. The subtropical rainforests in the area were the perfect breeding environment for their larvae, who fed on the lowland Richmond birdwing vine. In fact, the abundance and distribution of these pretty pollinators once extended throughout South East Queensland to Grafton in New South Wales.



Sadly, today it is a rare sight to see a Richmond birdwing butterfly in the wild. Urban development, land clearing for agricultural production and the introduction of the invasive South American dutchman's pipe vine has destroyed the native butterfly's habitat, rendering them a vulnerable species.

It's a problem Brisbane Valley Kilcoy (BVK) Landcare Group are trying to rectify.

Photo : The spectacular Richmond birdwing butterfly. Dr Don Sands, CSIRO.

Recognising the importance of the Richmond birdwing vine in providing much-needed habitat for the Richmond birdwing butterfly, the group are planting vines throughout the Stanley River Catchment, with the assistance of a Landcare Australia Habitat Restoration Grant.

The Richmond birdwing vine is integral to the viability of the Richmond birdwing butterfly as they are the only food source for their larvae. The hope is that once established, the larvae will be able to feed off the vines, increasing its population and distribution across the area. The vines also establish wildlife corridors for other native animals, rehabilitating the local landscape.

More recently, the group has worked together with Landcare Australia sponsor Gallagher to install electric fencing on the property of group member Dave McCowan. Situated at Mount Kilcoy on the edge of the Conondale National Park, Dave's farm 'Yandilla' is one of five locations where BVK have planted Richmond birdwing vines.

Browsing livestock, deers and wallabies on the property were posing a threat to the fledgling vines, who would trample or eat them. The electric fencing has provided protection for the vines, allowing them to grow without threat.

To read the rest of the story visit : https://landcareaustralia.org.au/project/electric-fencing-helping-vulnerable-species-to-fly/?utm_source=Landcare+in+Focus&utm_campaign=f5d907fe0d-

[EMAIL_CAMPAIGN_2019_03_27_03_25&utm_medium=email&utm_term=0_22f00dd5e4-f5d907fe0d-285213941](https://landcareaustralia.org.au/project/electric-fencing-helping-vulnerable-species-to-fly/?utm_source=Landcare+in+Focus&utm_campaign=f5d907fe0d-EMAIL_CAMPAIGN_2019_03_27_03_25&utm_medium=email&utm_term=0_22f00dd5e4-f5d907fe0d-285213941)

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 2019. 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/>

Enviro-Funding On Offer

The Purves Fund provides grants for focus areas of plastic pollution; biodiversity species loss, water resource management of the Murray Darling Basin, broad-scale land-clearing and renewable energy and climate change advocacy. More? <http://www.purvesenvirofund.org.au/>



National Landcare Program: Smart Farming Partnerships Round 2



[Smart Farming Partnerships](#) is an open, competitive, grant opportunity to support substantial, complex projects that are to be delivered in consortium partnerships to trial, develop and implement innovative tools and practices.

The purpose of Smart Farming Partnerships is to foster sustainable natural resource management innovation. Smart Farming Partnerships deliver against the Australian Government's policy of using innovation to cultivate more sustainable, productive and profitable agriculture, forestry, fishing and aquaculture industries; protect Australia's biodiversity; protect and improve the condition of natural resources (in particular on-farm soils, water and vegetation); and assist Australia to meet its national and international obligations. The purpose will be achieved through substantial projects, funded, at least in part, by grants, that deliver against either or both of the outcomes described below:

- Outcome 1 – Innovation in sustainable resource management practice
- Outcome 2 – Innovation in capacity building and promotion of sustainable resource management practice

Delivered on behalf of the Department of Agriculture and Water Resources

Selection Process: Open: 19 March 2019 - 11:00pm

Closing Date & Time: 17 May 2019 - 11:00pm AEST

New Indigenous Protected Areas Program



The Indigenous Protected Areas Program will protect and conserve biodiversity by funding the development and dedication of new Indigenous Protected Areas.

This grant round will support Indigenous Australians to establish new Indigenous Protected Areas.

Applications close **2pm (AEST) 30 April 2019**.

<https://www.environment.gov.au/land/indigenous-protected-areas/new-ipa-program>

Weed of the Month

There are quite a few weeds in flower this month so it's a great time to keep an eye out for following weeds. And even if you don't have the time to completely control them, you can cut off and dispose of the seeds to stop them spreading further. Some such as Winter Senna have seeds that remain viable in the soil for a very long time.

Maderia Vine *Anredera cordifolia* otherwise known as Potato Vine or Lambs Tails it is a common garden escapee. It is a twining climber with stems to about 20 m long, producing tubers on roots and stems. The leaves are fleshy and heart shaped. The small fragrant white flowers are arranged in drooping "lamb's tails". Unfortunately it the aerial tubers and tubers produced on roots and from stem sections reproduce if they come into contact with moist ground. This weed is spread by water, soil movement, birds, rats, and dumped garden refuse. It is a common site along river banks and in suburban gardens. <https://weeds.dpi.nsw.gov.au/Weeds/MadeiraVine>



Winter Senna also known as Easter Senna *Senna pendula* var. *glabrata* as it is currently flowering so very easy to spot. You will see it up and down many local roads as the seeds are easily spread by wind, birds and humans. The seeds can live for 3-5 years lying dormant in the soil. It is a spreading shrub to 3m and has leaves with 3-6 leaflet pairs. The flowers are yellow, large and showy, with protruding curved stamens (the pollen-producing parts). The seed pods are a round bean. There are similar native species



Senna acclinis, Brush Cassia which is a Threatened Species, but can be easily distinguished by its flatter seed pods and usually has more leaflets. <https://weeds.dpi.nsw.gov.au/Weeds/WinterSenna>



Golden Rain Tree *Koelreuteria*

elegans subsp. *formosana*. also known as Chinese flame tree, Chinese rain tree, flame gold, and flame golden rain tree it is an extremely fast growing medium-sized tree usually growing to 5-12 m tall but capable of reaching up to 25 m in height. The seed has a very high germination rate. Given the large amount of seeds that these trees produce and that a 2 year old tree can be 5m tall and producing seeds, this is one to watch out for.

Its main trunk is covered in rough greyish-brown bark. Its twice-compound leaves are very large (25-60 cm long and 15-44 cm wide) and have numerous leaflets (5.5-10 cm long). Its large branched flower clusters are 30-50 cm long and are borne at the tips of the branches in late summer. Its bright yellow flowers usually have four or five yellow petals and the same number of stamens. Its three-sided papery capsules form in early Autumn and turn from bright red to pink and then eventually brown as they mature.

A native of Taiwan it is not on the Byron Shire Council's list of weeds however it is starting to populate large areas of our suburban areas. It is locally naturalised in south-eastern Queensland (e.g. around Brisbane and near Noosa) and in the coastal districts of north-eastern New South Wales (e.g. near Lismore). Also naturalised in south-eastern USA (i.e. Texas, Louisiana, Mississippi and Florida) and on some Pacific islands (i.e. Hawaii and Guam).

A potential weed of roadsides, disturbed sites, waste areas, parks, urban bushland, riparian vegetation, gullies, forest margins and open woodlands in the sub-tropical, tropical and warmer temperate regions of Australia.

All information taken from <http://weeds.brisbane.qld.gov.au/weeds/golden-rain-tree>

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>

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!**

Bangalow Land and Rivercare, Bangalow

WHEN: every Saturday 8:30am
WHERE: find out from Liz Gander
CONTACT: Liz Gander bangalowlandcare@gmail.com 66871309

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: last Sunday of the month
WHERE: find out from Rita de Heer
CONTACT: Rita de Heer 02 6684 1495 ritadeheer7@gmail.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@optusnet.com.au 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

Yallakool Reserve Landcare, Ocean Shores

WHEN: each Wednesday and Friday at 8.30 – 11.00 am
WHERE: corner of Yallakool Drive and Warrambool Road, Ocean Shores
CONTACT: David Kemp dnkemp77@gmail.com 0427 650 861

Can't find a group near you? We have many other groups who meet on an ad hoc basis (contact us for more details) or if there isn't an existing group in your neighbourhood or you are interested in looking after a particular area, BVL can help you to form a locality group under the BVL umbrella.

LINKS

- 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/>
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For information about Landcare or other natural resource issues in Byron shire please contact

Landcare Support Officer

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



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