

GREETINGS LANDCARERS

Spring is just around the corner!

The days are getting longer, reptiles are becoming active during the warmer parts of the day. Birds are starting to pair off, readying themselves for nesting.

Spring flowers are blooming.

It's a great time to add another layer of mulch to suppress the weeds before summer arrives.

We hope you are all doing well and enjoying the warmer weather.

Check out events and funding P 7-12.



R Merdith: Winter Sunrise Richmond River

HUNKS OF MULLUM IS A WILDLIFE SAFE HAVENS PROJECT THAT HAS COME ABOUT THANKS TO A PARTNERSHIP BETWEEN BYRON SHIRE COUNCIL, BRUNSWICK VALLEY LANDCARE AND WILDBNB WILDLIFE HABITAT.

The Hunks of Mullum are twelve 'hunks' of native Tallowwood that have been lovingly reshaped into tree hollows to provide shelter for a huge range of native animals. They have been installed at various locations along a path that starts at Mullumbimby Public School and finishes at Mullumbimby High School.

The idea for this project came about earlier this year when eight large Tallowwood trees were legally removed at Mullumbimby Public School due to safety concerns.

Working with Brunswick Valley Landcare, the felled trunks were collected by Wildbnb's arborist team who transported them back to HQ and set to work crafting them into the Hunks of Trunks as they're affectionately known.

"The hunks of native timber replicate the natural properties of real tree hollows, including smell, texture and thermal properties. Many native animals use them for shelter and breeding, including possums, gliders, parrots, owls, insects and goannas," Ms Caddick said.

"The hunks are beautiful to look at and ultimately we hope they'll teach people more about our local critters and make people more aware of the pathways used by our native animals and plants to breed, disperse and forage.

"This is also the aim of Council's new Draft Wildlife Corridor System which is going to Council this week – to map out the pathways our native animals and plants use so that we can all be better informed when it comes to restoring wildlife corridors in our own back yards," she said.

When you're next in Mullumbimby, take a walk through Brunswick Valley Heritage Park and the Mullumbimby Sculpture Walk, look up and see if you can spot any of the 'hunks.'

For more information on Byron Shire Council's Corridor mapping, contact Council's Biodiversity Team Leader Liz Caddick on 6626 7324.

For more information on the Hunks of Mullum install, contact Harry Hackett, Wildbnb on 0406 012 338.



Pictured: Elvis the Kookaburra checks out one of the hunks



Thank
you!

**Thank you to Santos Organics.
Brunswick Valley Landcare is using a
generous donation to support the Tyagarah
Landcare group who have been planting
along Simpsons Creek for 20 years!**



Simpsons Creek is a tributary of the Brunswick River and home to a wide variety of species. A history of land clearing and unrestricted access of cattle to the creek has caused severe degradation in sections.

Planting native species and controlling weeds helps to reverse the degradation, encourage a diversity of wildlife, reduce erosion and improve water health.

The species selection includes food trees for koala and glossy black-cockatoos.

The area will be planted and maintained without the use of chemicals. Site preparation involves removal of woody weeds, slashing and solarisation of setaria grass areas using black plastic to cover the grass and leaving for approximately 2 months.

This planting is made possible thanks to the dedication of the volunteers who meet weekly to weed and care for their plantings.

This habitat project aims to restore 0.25 ha of Swamp Sclerophyll vegetation with the focus on habitat for vulnerable and endangered fauna species indigenous to the area. These include the koala, long-nosed potoroo, brush-tailed phascogale, common planigale, glossy black-cockatoo, squirrel glider, barking owl, grass owl and mitchell's rainforest snail.

The existing mature trees to be used to install nest boxes and/or create tree hollows appropriate for some of the species listed above eg owls, glossy black-cockatoo, brush-tailed phascogale and squirrel glider.



Before and after shows the planting that is adjacent to the one Santos is funding. Planted in 2017, it gives a great idea of what 5 years of growth looks like.

INDIGENOUS AUTHORS FRONT AND CENTRE OF LATEST STATE OF ENVIRONMENT REPORT

CSIRO Ruth Dawkins

For the first time, the five-yearly State of the Environment Report includes an entire Indigenous-led theme, Indigenous co-lead authors on most chapters, and Indigenous-specific case studies.

Australia's biodiversity and land environment face immense, compounding pressures from habitat loss, climate change and invasive species. A renewed focus on the environment that includes increased financial investment, more effective national legislation, and greater involvement of Indigenous communities in land, water and sea management will put the country on the path to a more sustainable and resilient future.

These are the conclusions of independent researchers and Indigenous co-authors who contributed to the federal government-commissioned Australian State of the Environment (SoE) Report 2021.



Eucalyptus woodland is part of the Ngadju Indigenous Protected Area in Western Australia. (Image by Keren Gila.)

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AMPLIFYING VOICES OF INDIGENOUS PEOPLES KEY TO MANAGING THE ENVIRONMENT

CSIRO Danika Davis

Indigenous data, information and knowledge underpin the stewardship of Country by Aboriginal and Torres Strait Islander peoples. This information is also essential for broader management of Australia's environment, as underscored in the latest State of the Environment report.

Aboriginal and Torres Strait Islander peoples are Australia's first scientists and environmental managers. Their intrinsic ties to ancestral lands, waters, skies – and everything that they contain – have survived millennia and are just as important to Aboriginal and Torres Strait Islander peoples today.

<https://ecos.csiro.au/responsible-innovation-on-country/>

WILDLIFE FRIENDLY NETTING

Tree netting is a popular way to protect fruit from wildlife, particularly in urban areas, but the wrong type of netting can be deadly. Hungry animals are easily caught in 'bird netting', which has a mesh size greater than 1cm square. Wildlife friendly netting should have a mesh size of less than 5 mm.

The right netting

Our 'finger test' - choose netting that you cannot poke your finger through. The mesh size should be less than 5 mm.

For smaller trees up to 13m in circumference, we recommend Fruit Saver nets, available in 2 sizes.

For larger trees, buy Hail Guard off the roll from Fernland Agencies www.fernland.com.au and

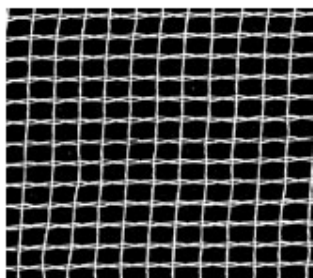
Vege Net in 2 sizes from

www.greenharvest.com.au

<https://www.wires.org.au/wildlife-information/wildlife-friendly-netting>

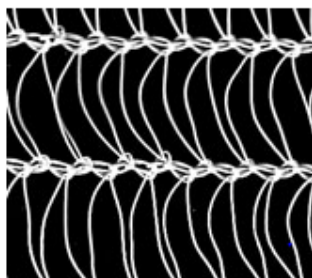


3 good nets which pass the 'finger test'



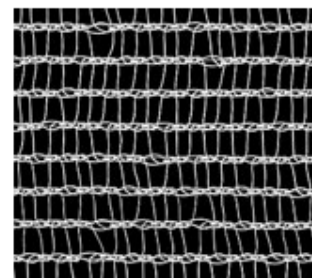
Fruitsaver

2 sizes for small and medium trees



Hail Guard

Off 6 m roll



Vege net

2 sizes, 6m x 10m and 6m x 20m



Fruit Saver Fruit Tree Nets

This fitted box-shaped net has a long skirt that gathers around the trunk of the tree.

The 2mm woven mesh excludes fruit fly and codling moth as well as birds, bats and possums. It has only a 15% shade factor and is currently best bought online at: www.fruittreenets.info

REGENERATIVE AGRICULTURE

OFF-SEASON NATIVE BEE CARERS GIVE MACADAMIA FARMER A POLLINATION BACKUP PLAN AGAINST VARROA MITE

ABC Rural By Kallee Buchanan

"Foster parents" who take care of native beehives in their own backyards have helped a Queensland macadamia nut farmer develop a pollination backup plan should the invasive varroa mite spread.

Geoff Chivers started investigating using the small, stingless insects to pollinate his orchards, which were some of the oldest in Bundaberg, when varroa mite first started spreading around the world.

In five years, he has gone from five beehives to 150, which he said was made possible by a group of enthusiastic locals he called the "foster parents".

<https://www.abc.net.au/news/rural/2022-08-15/native-bee-foster-parents-help-nut-pollination-varroa-mite-qld/101327544>



Macadamia farmer Geoff Chivers has spent years researching and developing native bee hives for use in his orchard.(ABC Rural: Kallee Buchanan)

OH DEAR: GROWING CONCERNS ABOUT SPREAD OF FERAL DEER ACROSS NORTHERN NEW SOUTH WALES

ABC By Madeleine Cross

Deer have become a seemingly incongruous regular sighting in suburban communities around NSW, particularly in Port Macquarie.

Locals have even reported seeing the animals walking in streets in the CBD during the night, while further north in Coffs Harbour there have been reports of deer on the busy Pacific Highway.

There are growing concerns about the increased spread of feral deer across northern and central New South Wales, particularly in suburban areas. Invasive Species Council's conservation director James Trezise said the feral deer herd have expanded across the state over the past 10 years.

"Feral deer occupy more than 22 per cent of the state. They're really growing in the Mid North Coast, northern NSW and the Central West districts," he said.

<https://www.abc.net.au/news/2022-08-10/concern-about-feral-deer-spread-through-northern-nsw/101309744>



North Coast Local Land Services says Port Macquarie is one of the main suburban areas of concern.(Supplied: North Coast Local Land Services)

EVENTS AND SEMINARS

How to monitor your Soils
WORKSHOP
SATURDAY 20TH AUGUST 2022
9:00 - 2:00 Myocum

Want to know more about your soil health?

Learn the practical how to's of using the Soil Health Card system and interpreting soil laboratory analyses

workshop leaders (and desingers of the soil health card):
Dr John Grant - Southern Cross University
David Forrest - Organic Forrest

\$10 per ticket includes lunch

More information and ticket booking
<https://monitoryoursoils.eventbrite.com.au>



This project is supported by Byron Shire Council through funding from the Australian Government's National Landcare Program Smart Farms Small Grants



<https://monitoryoursoils.eventbrite.com.au>



UNITED NATIONS DECADE ON
**ECOSYSTEM
RESTORATION**
2021-2030



SAVE THE DATE

Australian Biological Farming Conference and Expo 2022 Lismore SCU campus-December 2022

Friday, 2 December 2022

- 1.Pre-conference farm tours
- 2.Conference registration and welcome reception 5.00PM
- 3.Expo opening 5.00PM

Saturday, 3 December 2022

- 1.Conference sessions
- 2.Expo open
- 3.Conference Dinner

Sunday, 4 December 2022

- 1.Conference sessions
- 2.Expo open

Monday, 5 December 2022

- 1.Post-conference workshops

Details for delegate registration coming soon.

Rehydrating Landscapes

FIELD DAY

FRIDAY 2ND SEPTEMBER 2022

9:00 - 2:00 Myocum

Want some ideas on how to slow,
spread and store water?

See examples of dam design, leaky weirs
and swales for water management

field day lead by:

Richard Torgersrud (farm director) and farm managers

\$10 per ticket includes lunch with 100% farm produce

More information and ticket booking
<https://watermanagement.eventbrite.com.au>



This project is supported by Byron Shire Council through funding from the Australian Government's National Landcare Program Smart Farms Small Grants



Join us for a farm tour to view dam designs, leaky weirs and swales.

Byron Shire Council invites you on a farm tour to explore rehydrating landscapes for future water management

This workshop is aimed at new landholders and existing landholders who want to prepare for a changing climate, whilst increasing soil water holding capacity.

Friday 2 September, 2022. 9am to 2 pm.

Outline Of Workshop:

9.00 - 10.00 BVL introduce Conscious Ground management; Acknowledgement of Country by Richard; Introductions over tea/coffee; aerial shot of the farm operations; Introduction to Conscious Ground operation and its business arms (greens, fruit, cattle etc); 10min video of water management.

10.15 - 11.45 Inspection of rehydrating pastures, detention swales and dam system, "hold and release" philosophy; field discussion

12.00 - 12.30 - lunch by Conscious Ground chef

12.30 - 1.00 Questions and discussion of water management observations/lessons and general discussion with Conscious Ground personnel and attendees.

1.00 - 1.45 Inspection of large dam, catchment management, and caterpillar greens facility

2.00 Final questions and take-home messages. Attendees then have the option of a guided walk through the Food Forest, or depart.

This project is presented by Brunswick Valley Landcare through funding from the Australian Government's National Landcare Program Smart Farms Small Grants.

Please book a ticket as numbers are limited. Detailed directions will be given via email after booking. Your \$10 includes tea, coffee, on-arrival snack, plus a generous scrumptious lunch from 100% farm produce.

Yalla Kool Reserve Landcare

invite you to join us for a

bush walk

through Yalla Kool Reserve, Ocean Shores

followed by a sausage sizzle at

Devine's Hill Lookout.



When: Sunday 11th
September at 9.00

Meet: on the corner of
Yalla Kool Drive and
Warrambool Road.

Bring: a water bottle

Wear: a hat and sturdy
shoes.

A reasonable level of
fitness is required with
some rough areas and
steep sections on the
track.

Contact: Felicity
0467650140

We will be showcasing the biodiversity
that years of planting and weeding have
brought to the reserve.



Yalla Kool Reserve

Part of Bundjalung Country, traditional home of the Minjunbal, the area was cleared for cattle and dairy farming in the early 1900's by the Devine family. The original farm house was located near what is now Yalla Kool Drive. In the early 1970s, the farm was sold to become part of Ocean Shores. Only a small patch of vegetation existed on the 4.4 hectares which was designated for the suburbs community use. This area is now a Byron Shire Council reserve and receives support as part of the Council's parks and gardens maintenance schedule. A Landcare group started work in the reserve in 1993 and over the years volunteers have removed a vast amount of weeds and planted thousands of trees. A walking track with several footbridges allows residents to bushwalk through the reserve to Devine's Hill. In recent years volunteers have also been establishing a bushtucker garden in part of the reserve.

Devine's Hill

This reserve surrounds a lookout with lovely views over the Brunswick River estuary and up and down the coast. Across the road from Yalla Kool Reserve, steps lead up the hill from Warrambool Road to a lookout and recreational area. There is good mature tree coverage on the hill but the reserve is suffering from invasive environmental weeds. Volunteers from Yalla Kool Landcare have made some inroads on the weeds around the steps on the lower part of the hill.



Before 2017



After 2021

BYRON BIRD BUDDIES (BBB) MONITORING & PRESENTATION PROGRAM – JULY TO DECEMBER 2022

WWW.BYRONBIRDBUDDIES.COM.AU

Byron Bird Buddies – bird monitoring, education & conservation projects in Byron Shire

Richmond/Brunswick Birdwatchers (RBB) - (no incorporated) Conducts fortnightly birdwatching outings. Contact richmondbrunswickbirdwatchers@gmail.com

BirdLife Northern Rivers (BLNR) - Contact tweedbirds@bigpond.com or Linda Brannian on 0409 833 888

Ballina BirdLife National Shorebird Contact- Hans Wohlmuth hwohlmuth@gmail.com

BirdLife Northern NSW (BLNNSW) Branch of BirdLife Australia Contact – convener Richard Harris Email: rha06927@outlook.com - ph: 0438 133 334

Dates:

August 20-26

Tuesday 23rd 10.30am

Children's Book Week BBB at Byron Library –

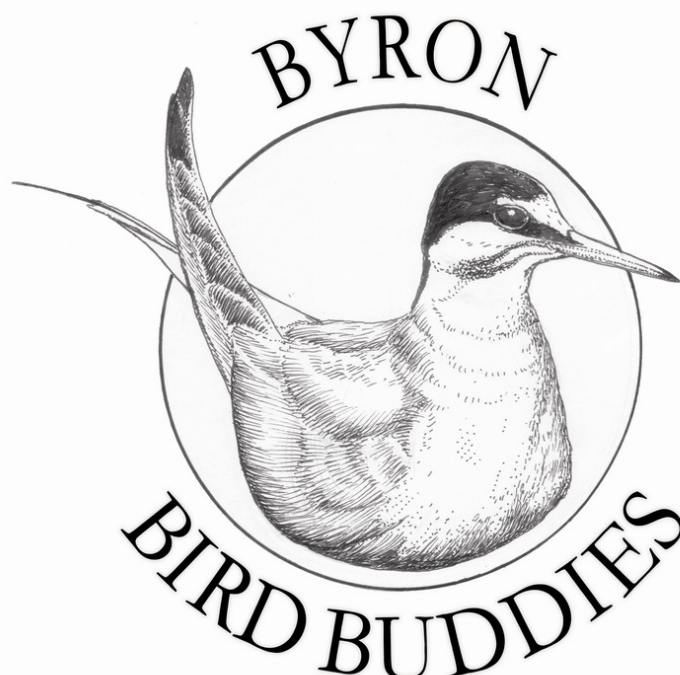
BBB presents 'Wild About Birds' – Pre-school program

Thursday 25th survey private property at Boatharbour - contact Jan for details - 0428864378

Wednesday 24th 08.00 – 13.00 To be advised - for more information

richmondbrunswickbirdwatchers@gmail.com bandjmcnaughton@bigpond.com RBB – outing will decide at the end of previous survey.

Tuesday 31st 8.00 am start (Roads need to be checked first) Mt Jerusalem NP – Middle Ridge Rd & Sth Chowan Creek. Meet at Main Arm store & car pool. byronbirdbuddy@gmail.com Mobile 0428864378 BBB - survey – KBA site - tentative only



FUNDING



Brunswick Valley
Landcare

Flood recovery

BVL members can apply for a
\$250 voucher
to spend on native plants.

TO BE CLAIMED AT THE FOLLOWING NURSERIES



to apply please fill out this form
<https://form.jotform.com/222261171517852>

WEED OF THE MONTH

Bamboo

***Phyllostachys species* (running) REALLY BAD**

***Bambusa species* (clumping) STILL BAD**

Rhizomatous bamboo is **extremely invasive** in a range of climates. It has been used as an ornamental plant in Australia, but **easily escapes cultivation and spreads to form an impenetrable network of roots** and heavy leaf litter. There are around 30 species of *Phyllostachys*, all of Asian origin.

Rhizomatous bamboo is a member of the grass family. Its stems are flattened and grooved in cross section, and its leaves have a network pattern of veins.

Dumping of garden rubbish containing rhizome fragments results in spread from gardens into bushland and other areas.

Threats to the environment

Out competes native vegetation.
Difficult to treat once established.

Treatment

Cut stump apply 1:1.5 Glyphosate. retreatment required.

Spray regrowth up to 0.5 m only

Rate: 1:50 glyphosate

Bamboo is a serious weed. Tom Sainsbury highlights the seriousness in his video.

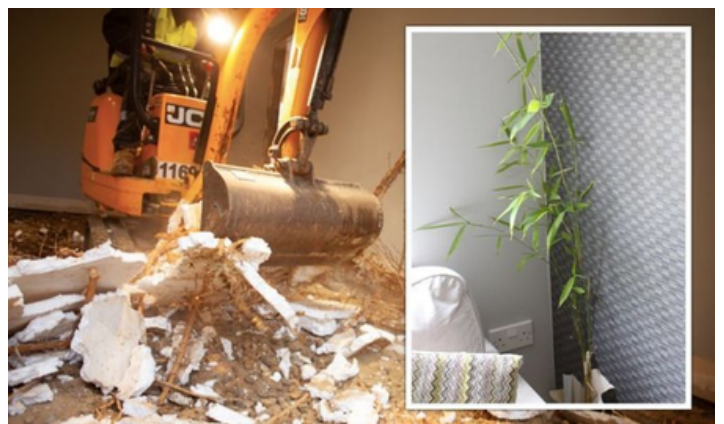
Phil and Janine thought planting bamboo along their boundary would be a good idea. Check out their situation in the below link.



NSW Weed wise



Gardining channel



Daily express

Phil and Janine have bamboo growing along their boundary... | By Tom Sainsbury - Comedian and Snapchat Dude | Facebook

<https://www.facebook.com/tomsainsbury6/videos/phil-and-janine-have-bamboo-growing-along-their-boundary/406895664759529>

[NSW WeedWise](#)

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 group 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

CONTACT: Noelene Plummer bangalowlandcare@gmail.com 0431200638 66874470

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: 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 John Tann

CONTACT: John Tann johntann99@gmail.com

Ocean Shores Landcare, Ocean Shores

WHEN: each Friday at 8.30 – 11.00 am (8.00am DST)

WHERE: corner of Yallakool Drive and Warrambool Road, Ocean Shores

CONTACT: David Kemp dnkemp77@gmail.com 0427 650 861

Tallowood Ridge Locality Landcare, Tallowood Ridge Mullumbimby

WHEN: Second Saturday of the month from 3pm (winter), 4pm (summer).

WHERE: Gathering Tree Pocket Park, Cockatoo Cres Tallowood Ridge Estate

CONTACT: Joanne McMurtry jmcmurtry@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@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

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 Koalas <http://www.bangalowkoalas.com.au/>
- 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
- Federal Landcare Inc federalandcare@gmail.com
- Local Land Services www.northcoast.ils.nsw.gov.au
- North Coast Local Land Services <http://northcoast.ils.nsw.gov.au/>
- Border Ranges Richmond Valley Landcare www.brrvln.org.au
- Mullumbimby Community Gardens <http://mullumcommunitygarden.wordpress.com/>
- North Coast Nature <http://www.northcoastnature.org.au/>
- Richmond Landcare Inc. <http://www.richmondlandcare.org/>
- Rous County Council (formerly Far North Coast Weeds) <http://rous.nsw.gov.au/>
- Soilcare <http://www.soilcare.org>
- Tweed Landcare Inc. <http://www.tweedlandcare.org.au/>
- Wilson's Creek Huonbrook Landcare <http://www.wilsonscreeklandcare.mullum.com.au/>

**For information about Landcare or other natural resource issues in Byron shire please contact
Landcare Support Officer, Alison Ratcliffe 6626 7028**

(Mon, Tues, Wed)

aratcliffe@byron.nsw.gov.au

Project Officer, Rochelle Merdith 6626 7201 rmerdith@byron.nsw.gov.au

www.brunswickvalleylandcare.org.au

