



November 2015

Wildlife Rescue South Coast Inc
PO Box 666 Nowra NSW 2541

NPWS Licence No: MWL000100253 | ABN 49 616 307 526

E: info@wildlife-rescue.org.au | W: www.wildlife-rescue.org.au

0418 427 214 Wollongong to Batemans Bay | 0417 238 921 Mogo to Victorian Border



Please Help Us Help Wildlife.

*The Wildlife Rescue South Coast 2016 calendar is still only \$10
(plus postage)*

To order online visit our website home page

www.wildlife-rescue.org.au

To order and pay by direct transfer email

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Email addresses.....

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newsletter@wildlife-rescue.org.au
payments@wildlife-rescue.org.au
president@wildlife-rescue.org.au
secretary@wildlife-rescue.org.au
treasurer@wildlife-rescue.org.au

Meeting dates.....

11 November
9 December
Nowra Library Annex,
10 Berry Street, Nowra
Starting at 7pm

Donations can be made to.....

BSB 641 800
Account 200469788
Name Wildlife Rescue Fund
or
PayPal & credit card via the website
* \$2 or more are tax deductible

Facebook page.....

www.facebook.com/Wildlife.Rescue.SC

Website.....

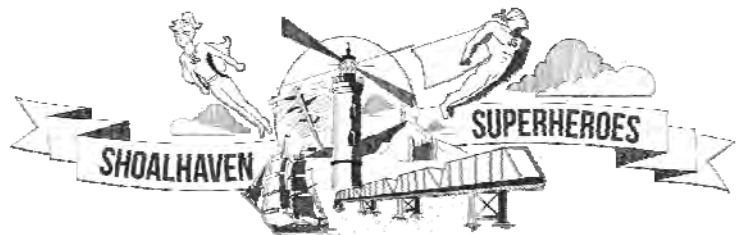
www.wildlife-rescue.org.au

*Wildlife Rescue South Coast Inc. thank
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Congratulations Dusty



Education Category

DUSTY JONES - VOLUNTEER AWARD WINNER

A local legend – name this man and many a personal and entertaining story will be told. Long term unflinching contribution toward the education and safety of both community and local wildlife.



Congratulations....

To members Belinda (nee Gales) and Phil Donovan, who were married on the Saturday of the October Labour Day long weekend in Nowra.

*Wildlife
Rescue
South
Coast
was
seen at*



.... Werri Beach/Gerringong Garden Club, 14 October 2015

Cathy and Sam Joukador accepted an invitation to give the Garden Club members a introductory presentation of the animals, reptiles and birds that Wildlife Rescue South Coast not only rescue but rehabilitate with the final aim of releasing back into the wild.

The information was well received by the gardeners, they were interested to know how the Bendeela surviving wombat joey was and their delight from watching the baby Flying-Foxes in care video that Cathy had permission to show was obvious.

WRSC had relevant handouts on ABLV, netting, fencing, snakes as well as 2016 calendars and bromeliads for sale. The Garden Club is small in numbers but huge in generosity and we thank the members for their friendly support and interest.



Top: Sam and Cathy being introduced by the Garden Club President
Above: WRSC plant and information table
Review and photos: WRSC Robyn



About Koala Count 2015

This Project is open from **7 Nov 2015** to **22 Nov 2015**

Koala Count is a national citizen science survey developed by wildlife experts at the National Parks Association of NSW. Every year we engage with conservation enthusiasts from all walks of life around Australia to build a comprehensive picture of koala numbers and locations.

Download the [NatureMapr iPhone App](#) or the [NatureMapr Android App](#) and activate the Koala Count 2015 project.



Getting started is simple:

1. Grab your smartphone or camera;
2. Take a walk in your local area;
3. Upload your koala sightings.

Thank you to all our fantastic citizen scientists - koalacount.org.au

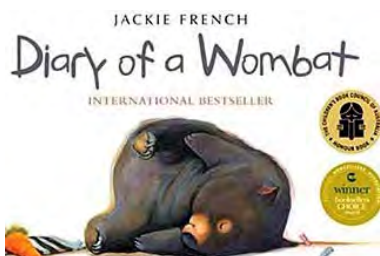


Don't forget to visit the WRSC display stall at.....

*Candelo Markets.... Held on the first Sunday of every month in the Candelo township.
Hours: 8.30am to 12.30pm*

*Bowral Markets Every second Saturday of the month Bowral Public School
8am and 1pm.*

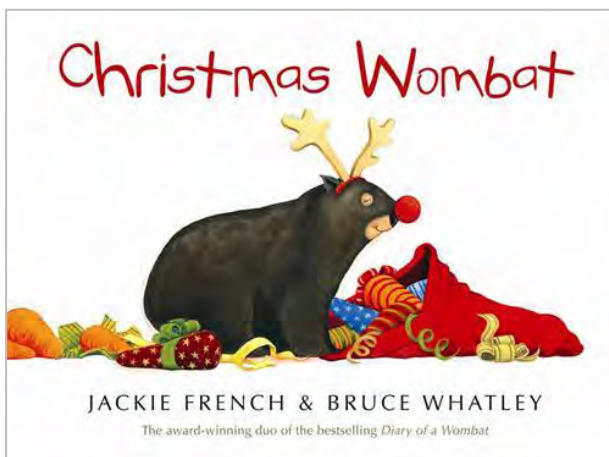
*Bermagui Markets.... The Bermagui Hand & Homemade Market is held on the last Sunday
of every month. Dickinson Park. From 8.30 - 12.30pm.*



Christmas Wombat by Jackie French Illustrated by Bruce Whatley

Clarion Books 2012
Hardback 30 pages
Picture Book

Diary of a Wombat was the first book and the third in the series is 'Christmas Wombat'



Christmas comes but once a year, and it's just as well for Santa's reindeer, who have to fight with Mothball for the carrots left out for them by the local children. And when Mothball takes an unexpected sleigh ride, it's not just Santa who faces the prospect of getting stuck in the chimney.

Christmas from a wombat's eye view is always going to be interesting - especially when that wombat is Mothball.

About The Author

Jackie French is a full-time writer who lives near Braidwood in the Araluen Valley, NSW.

WRSC was seen at....

Oak Flats Scout Group
20 October 2015
Ian and Sam

I would just like to thank you for a wonderful and exciting night teaching our scouts all about snakes! They loved it and so did the leaders! You guys do a wonderful and important job and we appreciate your time and effort!! BRAVOOO from Central Oak Flats Scout Troop.....

Raksha Zeus Motherwolf



New to the Mob are.....

Tara Elias	Kangaloon
Craig Elias	Kangaloon
Sam Elias	Kangaloon
Jonah Elias	Kangaloon
Vicki McPaul	Nethercote
Courtney McPaul	Nethercote

Carers: 156 Rescuers: 214
Total Members: 273



Updates to the WRSC website.....

Every month on the Friday or Saturday prior to the general meeting the website is updated. The Newsletter is uploaded to the Home page as well as the Newsletter Archives page. Events and Training (if any) are updated in the Members' section and the Committee/Treasurer's Report is uploaded to the Members' Home page.

This month the 'Become a Volunteer' page has also been updated - the October application form has the new Membership email address and 'Where Members live' is the present stats. The 'Information for Volunteers' page now includes important OEH documents for wildlife rehabilitation including the first Code of Practice for Wombats and the new WRSC Flying Fox/Microbat Policy and Procedures.



Information for Volunteers

* Office of Environment and Heritage (NSW Government) Policy document & Codes of Practice

An essential component of wildlife rehabilitation is the relevant laws that govern this activity. Listed below are the specific documents which all members are required to adhere to and they are downloadable in PDF format. More information can be found at the Office of Environment & Heritage website: <http://www.environment.nsw.gov.au/wildlifelicences/RehabFaunaGroupInfo.htm>



Rehabilitation of Protected Fauna Policy 2010 (100893PolicyFaunaRehab_July 2010.pdf, 169KB)

Code of Practice for Injured, Sick and Orphaned Protected Fauna (110004FaunaRehab_June 2011.pdf, 89KB)

Code of Practice for Injured, Sick and Orphaned Flying-foxes (120026flyingfoxcode_January 2012.pdf, 86KB)

Code of Practice for Injured, Sick and Orphaned Koalas (20110677KoalaCode_December 2011.pdf, 163KB)

Code of Practice for Injured, Sick and Orphaned Wombats (Wombat Code of Practice_October 2015.pdf, 371KB)

Guidelines for the rehabilitation of birds of prey (110155RehabRaptor_February 2011.pdf, 78KB)

Hygiene protocol for the control of disease in frogs (hygiene protocol for frogs_April 2008.pdf, 645KB)

* WRSC Policies and Procedures

Code of Conduct

Euthanasia

Euthanasing Macropods & Wombats by Firearms

Flying Fox / Microbat Policy and Procedures

Grievance and Dispute Resolution

Reimbursement for Food Expenses

Reimbursement for Travel Expenses



Christmas is coming....



Time to meet and be social
Guests & Visitors welcome

9 December 2015

7 pm

Nowra Library Meeting
Room

'Bring a plate' please!



Shellcove Residents Xmas Party is a
huge party with stalls, music and
other entertainment.

28 November 2015

3 to 6pm

Ian and his snakes, Lindsay,
Cathy and Sam will be there.



This is the first time WRSC will be
represented at this event so we are
calling on interested Illawarra members
to lend a hand on the WRSC stall.
Come along and have a good time whilst
networking with other members.

Contact the WRSC Events Officer.

Dusty: a Shoalhaven Superhero

By *Sarah Moss* From *Portraits: Seniors*

Reproduced with the author's permission

<https://open.abc.net.au/explore/107566>



Dusty Jones is 73 years old and for the last 30 years he's volunteered with Wildlife Rescue on the South Coast — as a snake charmer. "I get asked to go into chicken pens, roofs, bedrooms, cars. I've actually got snakes out of helicopters, a police car, a plane, and I got one off a train just last year," Dusty said.

"After I get it out of the house or wherever it is without injury, I'll take it home, take the ticks off it ('cause all snakes get a lot of ticks on them) and make sure it's not injured in any way shape or form.

"I also do a cataract operation on some snakes because some snakes can't remove their brill — the eye lens. So Barbara, my darling wife, will hold the mouth closed and I'll do the cataract operation and we get its sight back and relocate it into a safe area," he continued.

Dusty has confidential areas where he releases highly venomous snakes such as the eastern browns, tiger snakes and death adders and said, "red belly blacks like eating all of them."

It may come as no surprise to learn that Dusty has always enjoyed dangerous work. He used to be a deep-sea diver, trained in explosive work and body recovery, exploring ships and undertaking sea searches. He's been all around the world.

"I loved Afghanistan, I loved Pakistan, I loved India and Asian countries. I've been in most countries. I worked on oil rigs, and yes, I've thoroughly enjoyed doing my life," he said.

"I've loved explosive work and blowing stuff up and I've done a lot of that. I've worked with WWII depth chargers — what we used to blow submarines out of the water with.

"I don't feel old, I feel very young and yes, I will age, but I won't grow old."

Dusty was recently named a Shoalhaven Superhero by his community.

"They started talking about this man who'd been helping the community for 30 years and I thought 'Oh, he sounds like a good fellow'," Dusty said. "I was shocked when my name was called out! I'm still shocked now because I think there are people out there who deserve it more, I really do."



13 December 2015

Jack Buckley Park

on Sunpatch Parade, Tomakin

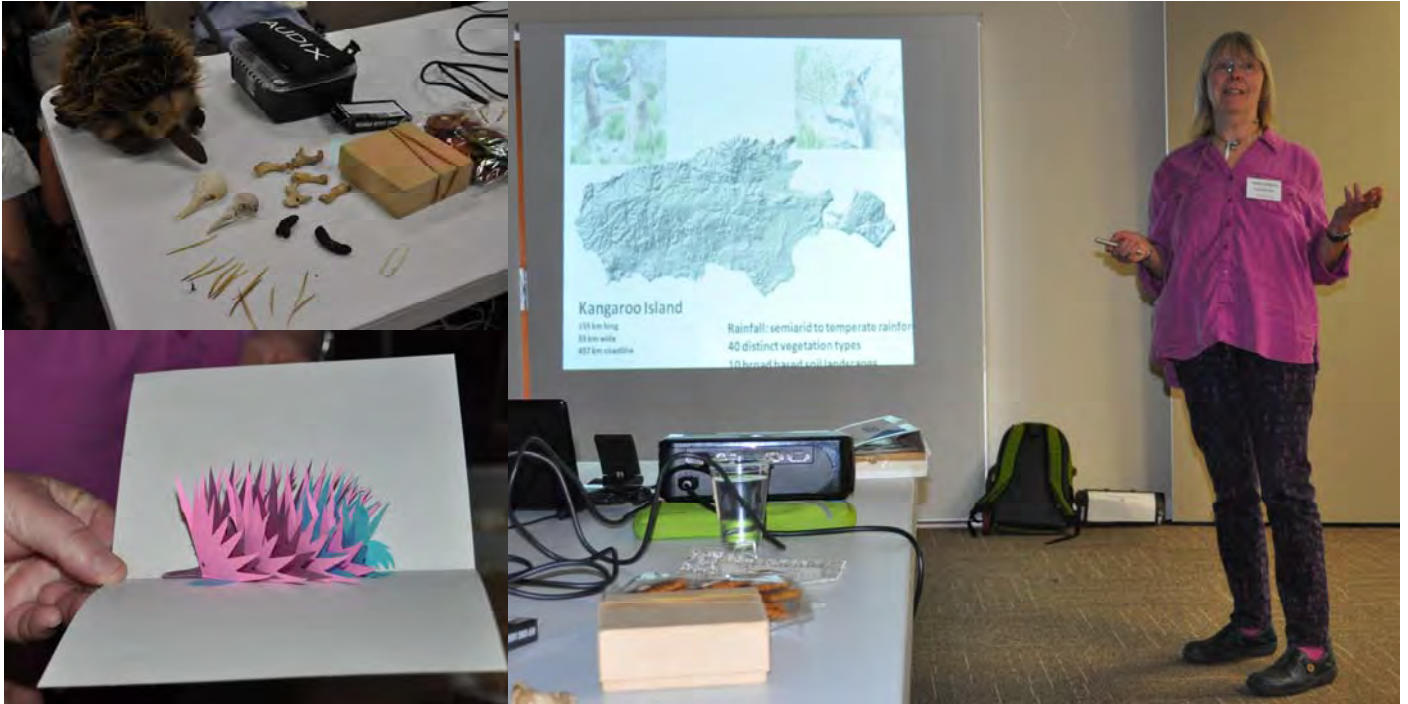


Wildcare Queanbeyan Inc
17 October 2015

‘Echidna Time’

presented by

Dr Peggy Rismiller OAM (Environmental Physiologist and Educator)



If you were not at the October Wildcare Queanbeyan run Echidna course then you missed out on the most wonderful learning opportunity. If you get the chance to attend a course where Peggy is speaking quickly book in. I suspect each course might have a little something different as she engages constantly with the audience responding to their questions.

Peggy’s research is constantly evolving and she is still discovering new facts and answering questions, even those first asked in the 1800s and then later in the 1960s, about this amazing determined little animal. Perhaps in your next holiday spot you might feel like volunteering with Peggy on Kangaroo Island and learn the true meaning of ‘Echidna Time’.

I certainly learnt a lot more than I thought I would, Peggy has developed just the right manner of presenting with repetition and unbridled enthusiasm that the ideas and information become imbedded without it being boring. What a dedicated and clever individual she is indeed.

PUGGLE MANIA has been unleashed, everyone now loves Echidnas, well the everyone that was there at least. Peggy even had earrings made out of spines and Echidna shaped biscuits as door prizes ~ very innovative I say.

A recent roadkill victim was brought to the course but lucky us, we spotted a live Echidna on the return trip out foraging in the cool of the evening.



Jane Mills
WRSC Reptile & Amphibian Co-ordinator

All Photos © WRSC Robyn



Our native forests are vital to our tourism industry

14 Oct 2015 | Janet Rice Forests / Tourism

An Extract.....the full version can be downloaded as a PDF

<http://janet-rice.greensmps.org.au/content/speeches-parliament/our-native-forests-are-vital-our-tourism-industry>

We are blessed in this country to have some of the most beautiful forests and national parks in the world, and in the past three weeks I have been fortunate to tour some of them. From Helms Forest in south-west Western Australia—home to old growth karri and jarrah—all the way across the country to the Nullica State Forest in south-east New South Wales, home to the vulnerable quoll, I met with conservationists, forest advocates and community members, who each had their own story about the ongoing impact of logging and habitat loss on the wildlife and forests around Australia.

Our native forests play a huge role in nature based tourism across Australia. But if they are logged, mined, polluted, invaded by pest animals and plants and have water deprived from them, these opportunities are lost. Their values to education, health—both physical and mental—and knowledge of the world around us are lost. And there are huge costs to the community as their value as water and carbon stores dissipate. We must protect our environments, our heritage and our special natural places as part of building a sustainable economy into the future. Nature based tourism that preserves habitats and the biodiversity of precious ecosystems and improves the economic prosperity of local people and communities is a very important part of this new economy.



The Wynans with Senators Rhiannon and Rice

Just last week, I visited the forests of south-eastern New South Wales. Talking with forest advocates and conservationists, I was struck by the fact that I was hearing the same story, over and over again—a story so similar to those I had heard in Western Australia, Victoria and Tasmania: our native forests are worth more standing than logged.

In the Glenbog State Forest, over 100 wombats were buried alive by logging operations last year, despite local wildlife carers having identified and mapped their burrows and given this information to the Forestry Corporation. People like Marie and Ray Wynan from the Jarake Wildlife Sanctuary highlight the plight of the Glenbog State Forest wombats. Their work is invaluable in creating and maintaining local tourism.

The proposed Great Southern Koala Sanctuary is a fantastic initiative that will also offer long-term protection to koalas across the region. You just have to look at images of Australia found in other places in the world to see that koalas benefit the Australian economy. The New South Wales government itself estimates that koalas create over 9,000 jobs and contribute between \$1.1 billion and \$2.5 billion per year to tourism in Australia. Yet, just like the black cockatoo in WA, the Leadbeater's possum in Victoria and the swift parrot across Eastern Australia, habitat loss presents the greatest threat to the survival of the koala. Right now, koala populations across Queensland, New South Wales and the ACT are listed as vulnerable to extinction under the Environment Protection and Biodiversity Conservation Act. Yet the logging continues, removing thousands of hectares of prime koala habitat.

Regional Forest Agreements are the enemy of the amazingly diverse plants and animals that make up and live in our forests across the country. This federal government wants to roll over these failed state and federal agreements for another 20 years—agreements which place the value of a logged native forest over and above the value of a native forest that is still standing. Regional Forest Agreements must go.

There is much more we can do to protect the amazing native forests across our country. We must strengthen the EPBC Act and continue to fight against this government's attacks on green groups. We must stop native forest logging and shift all wood production out of native forests and into well managed, sustainable plantations. And we must remove the inclusion of wood from native forests from the renewable energy target and focus our energy supplies into other forms, such as solar and wind. And we need to better resource tourism and build more sustainable infrastructure to support a robust tourism sector.

B I R D S



Brown Falcon reproduced with permission © Gary Beresford Bird Photography



A BIRD'S LIFE

Costa Georgiadis

DR. HOLLY PARSONS: Birds are wonderful. Our gardens provide us with a great way to help them and to help ourselves. We can interact with them, we can see them and we can be providing them with a great home as well.

COSTA GEORGIADIS: Holly Parsons is an ornithologist.



She studied one of Australia's favourite birds for her PhD - the Superb Fairywren (*Malurus cyaneus*) and she's the program manager for the Birds in Backyards project. If anyone knows how to attract birds into a garden, Holly does.

So Holly, what's the secret?

DR. HOLLY PARSONS: Well water is really important for birds, so I'll talk a little bit about that in a minute, but really what we want is to be providing a garden with food and shelter. We do that, of course, through putting plants in the ground.

COSTA GEORGIADIS: So you're looking at things like groundcovers, then shrubs and then right up to the canopy?

DR. HOLLY PARSONS: Absolutely.

COSTA GEORGIADIS: Let's take a look at those 3 levels

To read the rest of the transcript visit:

<http://www.abc.net.au/gardening/stories/s4332113.htm>

or download Episode 32 17 October 2015 video at:

<http://www.abc.net.au/gardening/video/download.htm>



Tuesday, 20 October 2015

Parrots versus Possums

The swift parrot is one of Australia's most charismatic birds, but it's also one of its most endangered. Each year every swift parrot in the nation flies south to Tasmania to breed. Logging and land-clearing have decimated their habitat but conservation biologist Dejan Stojanovic has made the startling discovery of why the swift parrot numbers are plummeting so rapidly – they're being eaten by the deceptively sweet sugar glider. In a race against time, Dejan and his team have raised \$70,000 through social media to build nesting boxes to save the bird. Catalyst reporter Mark Horstman joins the tree-climbing scientists in the spectacular Tasmanian wilderness as they deploy the first of 1000 boxes.

Read the transcript or download video: [mp4](http://www.abc.net.au/catalyst/stories/4335033.htm)

<http://www.abc.net.au/catalyst/stories/4335033.htm>

Photo credit: Henry Cook

What a hoot! Injured bird airlifted to Albatross

By Robert Crawford

Oct. 21, 2015, 3:07 p.m.

<http://www.southcoastregister.com.au/story/3438147/special-delivery-from-nz-navy/>

OVER the years HMAS Albatross has been involved in a number of emergency rescues and situations. But Tuesday night was a first for the naval base as well as Wildlife Rescue South Coast bird and raptor coordinator Jenny Packwood.

The crew of a New Zealand Navy ship, HMNZS Te Kaha discovered an injured bird onboard, 20 miles off Jervis Bay, and airlifted it to the naval base.

They found what they thought was an owl, which was in a "bad way". The bird was in fact a Tawny Frogmouth, a member of the Nightjar family.

Crew members discovered the bird, affectionately named President Hootin, late Tuesday "loafing" on the boat deck. It was believed to be injured "based on a complete unwillingness to get airborne and generally acrimonious temperament."

Crew members cared for the bird and managed to contact Wildlife Rescue South Coast and arranged for the frogmouth to be flown to Albatross as part of a planned flying operation.

The helicopter crew landed long enough at Albatross to hand "President Hootin" over to Mrs Packwood, who identified it as a female frogmouth.



SPECIAL DELIVERY: Wildlife Rescue South Coast bird and raptor coordinator Jenny Packwood accepts the injured Tawny Frogmouth from New Zealand Navy Lieutenant Commander Alex Trotter.

Photo taken by HMAS Albatross Defence photographer

"It was a first for me and for the frogmouth I'm sure," Mrs Packwood said. "There is no way it flew way out here. I can only assume it got onboard the previous night when the ship was docked at Newcastle and made the trek south.

"I'm assuming they would have had lights on overnight and that would attract moths and flying insect and she would come in to catch those. "There are lots of wires etc on ship and she might have flown into something and stunned herself and gone to ground, staying all night. They rarely fly during the day."

She said her chances of recovery were good. "She was good when I picked her up, although probably a bit overwhelmed by the trip in the helicopter, especially all the noise," she said. "She was a bit down Wednesday morning but will be checked over by an avian specialist at Southern Highlands Vet Clinic. "If she is released we would most likely look to take her back to her own area at Newcastle."

Ironically, the bird was flown to the naval base by a Seasprite helicopter that had been formerly based at Albatross and sold to the NZ Navy.

Anyone with inquiries about injured wildlife or to help with the ongoing care of injured wildlife by making donations can call the Wildlife Rescue South Coast 24-hour hotline on 0418 427 214.



Expert aims to clip 'feather-brain' image

28 October 2015 *Reproduced with permission*

<http://www.greencareer.net.au/news/expert-aims-to-clip-feather-brain-image>

Experts are trying to destroy the myth of 'bird brains' - arguing that Australian birds are both cognitively and emotionally more intelligent and complex than many assume. Researchers say birds are capable of intricate cognitive thought, possess impressive spatial memory, and show advanced problem-solving behaviour by insight. They are also highly resourceful, and have the ability to learn, play and show other behaviours not normally associated with birds.

University of New England academic and avian author, Professor Gisela Kaplan, has produced a new book that is being hailed as the first definitive work to be published on Australian birds since 1975. From studies spanning many years and countless birds, Prof Kaplan has found and described some fascinating bird behaviour, including tool use and problem solving. "Another lesser known but significant fact is that songbirds evolved in Australia (East Gondwana), survived mass extinction and from there radiated to other parts of the world. The question is how much the continent itself has led to specific qualities," Prof Kaplan says.

"*Bird Minds* is the result of many years of research. It is written to be easily accessible to the general reader but is also a comprehensive research resource for university researchers and their students, even as a reference book, complete with a very detailed reference list and a comprehensive appendix listing all Australian land birds including their behaviour, biology and lifestyle."

A facebook page that may interest...

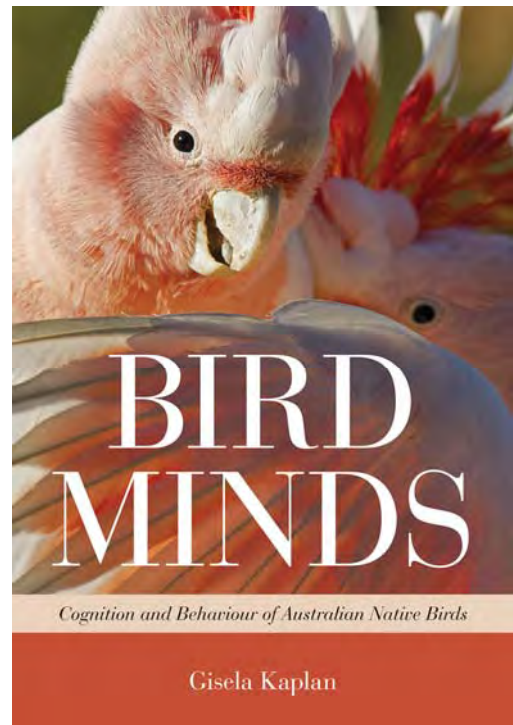
<https://www.facebook.com/pages/Serenity-in-Simple-Pleasures>



Serenity in Simple Pleasures
Just for fun



A book you may be interested in....



Bird Minds **Cognition and Behaviour of** **Australian Native Birds**

Gisela Kaplan

University of New England
Photographs, Illustrations
280 pages, 245 x 170 mm
Publisher: CSIRO Publishing

Paperback **NEW** - August 2015
ISBN: 9781486300181 - AU \$ 45.00

In her comprehensive and carefully crafted book, Gisela Kaplan demonstrates how intelligent and emotional Australian birds can be. She describes complex behaviours such as grieving, deception, problem solving and the use of tools. Many Australian birds cooperate and defend each other, and exceptional ones go fishing by throwing breadcrumbs in the water, extract poisonous parts from prey and use tools to crack open eggshells and mussels. The author brings together evidence of many such cognitive abilities, suggesting plausible reasons for their appearance in Australian birds.

Bird Minds is the first attempt to shine a critical and scientific light on the cognitive behaviour of Australian land birds. In this fascinating volume, the author also presents recent changes in our understanding of the avian brain and links these to life histories and longevity.

Following on from Gisela's well-received books on the Australian Magpie and the Tawny Frogmouth, as well as two earlier titles on birds, *Bird Minds* contends that the unique and often difficult conditions of Australia's environment have been crucial for the evolution of unusual complexities in avian cognition and behaviour.



The Alannah and Madeline Foundation and Yarra Valley Chocolaterie & Ice Creamery recently united to present 'Hop for Hope' – a collaborative art exhibition raising funds to keep children safe from violence and bullying.

The 40 larger than life kangaroos were auctioned online and the kangaroo above raised the highest bid. The artist is Nathan Patterson and the roo incorporates the Australian Rules Guernsey and five time premiership winning handprint of Hawthorn legend & Brownlow Medal winner Robert 'Dipper' DiPierdomenico.



FLYING FOX & MICROBAT TRAINING WORKSHOP

Trainers: **Gerardine Hawkins • Mandi Griffith • Janine Davies • Lyn Amesbury • Steve Amesbury • Chris Carter • Laurie Carter • Trista Kyriakou • Cathy Joukador**

Shoalhaven Bat Clinic

Gerry Hawkins ran a Flying Fox and Microbat course on the weekend of 25 - 26 October. It was very informative and interesting. Attendees learned about rescue and care of both Flying foxes and Microbats and there was a lot of hands-on learning, as well as theory.

It was a fantastic weekend and everyone enjoyed it.

Review and workshop photos © WRSC Cathy Joukador



Friendly plant idea



With the Water Supplier *Bördy*, **plants can determine for themselves how much water they need to “drink”**. *Bördy* is simply inserted into the soil of the potted plant and is filled with water through its beak. Then the water is gradually released through the **clay pointed end**.

The plant gets what it needs and watering plants or **plants drying out are simply passé**. *Bördy*'s transparent, plastic body will easily show when it needs to be refilled.

- ✓ **saves over watering**
- ✓ stores and supplies water for **up to 4 days**
- ✓ cute bird and frog design



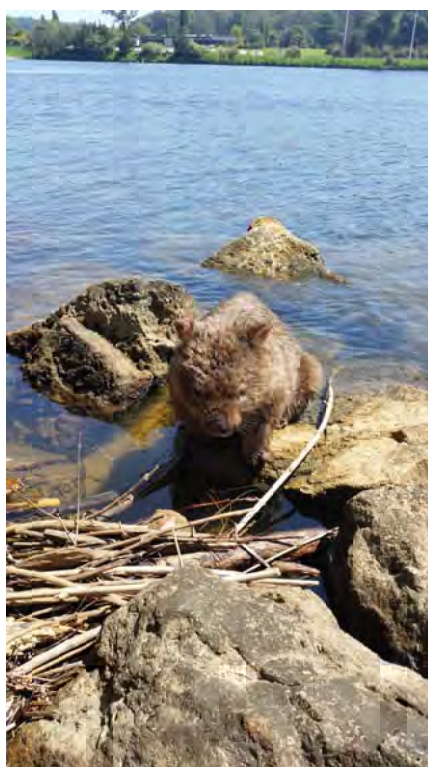
Every now and then you get called to a rescue where you go “WHAT”? “HOW”?“WHY”??

Last month I found myself on a Wombat rescue with Nikki Hunter that went way beyond the imagination. A wombat had wedged itself in the rocks overhanging the Shoalhaven River. Luckily we were able to wave down some people in a boat which gave us a platform to work from. Not all went to plan though. With the wombat trying to now run off & with nowhere to go, it went for a dip in the river before being plucked out to safety!

The next day I attended a call with my wife Cherryl to the same area for another wombat. This time it was only down on the rocks but still needed to be bagged & hauled up a small cliff. A member of the public was at hand to help with the heavy lifting.

Though the 2nd wombat needed some minor vet treatment, both were able to be released nearby away from this area where they found themselves in trouble. In both cases they could of only got there by being in the water, the 1st one at high tide and the 2nd one is anyone's guess. But this place being a notorious hangout for a bit of unsocial behaviour, we'll just try not to be a little too sceptical and hope it never happens again!

Story and Photos © WRSC Gavin Swan



If it's a small tick, dab it, don't grab it. If it's a large tick, freeze it, don't squeeze it.

Professor Cheryl Van Nunen

Associate Professor Cheryl Van Nunen is a specialist in clinical immunology with the Royal North Shore Hospital and has published over 100 papers regarding stinging insects. Together with her colleagues at the Australasian Society of Clinical Immunology and Allergy, they have come up with a handy rhyme to help remember what to do if you are unlucky enough to be bitten.

WHICH TICK IS WHICH?

There are three kinds of ticks commonly found on the east coast of Australia.

The larval form is around one millimetre in size, has six legs and often delivers multiple bites.

Next a tick reaches nymph stage, which is slightly bigger at around two millimetres, has eight legs and can appear to be a splinter in your skin.

The third kind is easier to spot — an adult tick is sized from four millimetres up to around 13 millimetres when fully engorged.

The result of tick bites can be extreme, including rashes, meat allergy and anaphylaxis. According to Professor Van Nunen, health problems arising from tick bites are more common in Sydney than nut allergies. Traditional wisdom regarding how to remove ticks is to use fine-pointed tweezers.

Professor Van Nunen said people living in areas prone to ticks should also have a permethrin cream and an ether-containing spray on hand in their first aid kit. "They have to be prepared to deal with a tick at any time, day or night, so there is a little planning," she said. "Fine-tipped tweezers will work, but many people translate that to household tweezers; household tweezers are tick squeezers."

Professor Van Nunen also said it was important to resist the urge to scratch the bite. "It's absolutely essential not to scratch ... because disturbing [it] causes the tick to 'squirt' and when it does that it squirts in allergens," she said.

Extract from <http://www.abc.net.au/news/2015-10-28/ticking-off-ticks-the-right-way/6891210>

Kangaroo detection system developed by Volvo to help drivers avoid potential collision

<http://www.abc.net.au/news/2015-10-29/engineers-work-on-kangaroo-detection-system-for-cars/6895572>

29 Oct 2015, 8:19pm

Engineers for Volvo are working on an innovative new system using cameras and radar that will help drivers detect kangaroos and warn them if they risk a collision.

The work is underway just outside Canberra in the Tidbinbilla Nature Reserve and is based on a previous design used to detect animals such as moose and deer in Europe.

The engineers are looking to adapt the technology for kangaroos by researching their movement, shape and behaviour. "It's a challenge because (the European creatures) are four-legged animals," Volvo Cars engineer Martin Magnusson said.

"The kangaroo has four legs but it's actually jumping and what we have seen so far in the park is its behaviour seems a little bit unpredictable. So it's a challenge to be able to detect it, to track it and to get the accurate position and movement of the animal."

Mr Magnusson said the system would warn drivers if there was a risk of a crash and if the driver failed to brake in time the car would make up the extra braking power required.



Photo: A car used in developing technology near Canberra to help motorists avoid hitting kangaroos. (ABC News)

KANGAROO CRASHES AN ONGOING PROBLEM FOR ACT MOTORISTS



Photo: Engineer Martin Magnusson examines the kangaroo detection system Volvo is developing near Canberra.

(ABC News: Elise Fantin)

Canberra crash repairers said kangaroo accidents kept them busy all year round.

"They range from minor bumper bar sort of damage all the way to \$10,000 to \$15,000 worth of damage, replacing airbags, front of vehicles and so on," Jason Pajaczkowski from Autoco in Phillip said. "A lot of people are very surprised about the cost of the repairs and how far the damage extends from a kangaroo due to the size of the animal."

ACT Roads said it tried to mitigate the potential for animal crashes when completing roadworks.

"In the existing network where there have been crashes with animals, say for example the Tuggeranong Parkway where in the last five years there's been over 60 crashes involving vehicles hitting kangaroos, we're implementing some measures after the event (such as) fencing and warning signs," ACT Roads Director Tony Gill said.

However, Mr Gill said there were only about 160 crashes involving animals in the ACT each year. He said that made up about 2 per cent of the overall total crash rate.

**IN ONE YEAR I WILL
EAT 1,000 RODENTS.**

**PLEASE,
DON'T POISON
MY DINNER.**

Rodenticides kill
more than just
rodents.

Let birds of prey
do their job.



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**"If all insects on Earth disappeared,
within 50 years all life on Earth
would end. If all human beings
disappeared from the Earth, within
50 years all forms of life would
flourish"**

Jonas Salk



Image: @WRSC Robyn

Wildlife Rescue South Coast was seen at Yallah TAFE....



Kerstin Schweth, Richard Woodman, Sam and Cathy Joukador presented a talk on Wednesday 28 October to the Vet Nurse students at Yallah TAFE. There were 25 students present, and they were very interested asking a lot of great questions.

The important relationship between vet surgeries and rehabbers was talked about. Also discussed were the various requirements of the species WRSC care for and what the vet nurses can do in the first instance when these species are taken to the vets.

The teachers present were very positive and have indicated that they would like to make this an annual or even a bi-annual event as it's important for the students to get to learn a little about the different wildlife that may come into their surgeries and how to treat them.

Some 2016 Calendars were purchased and a generous donation was collected by the students and TAFE unit for Wildlife Rescue South Coast Inc.

Review and Photos © WRSC Cathy Joukador



Wildlife Rescue South Coast was seen at.....

Spring into Sanctuary Point

Saturday 31 October 2015
Photos © WRSC Lindsay Francis



and.....

Bunnings Warehouse Mittagong Sunday 1 November

The Bunnings BBQ went well and the forecast storm & tempest did not eventuate.

These BBQs can only work with the generous time provided by our volunteers and for this we had Harriette Conway (Moss Vale) for the early start setup, Cathy & Sam Joukador (Albion Park) to get the hotplate operational, Loesje Rae (Marulan) to help over the peak period and Yvette Perry & Tim Groves (East Kangaloon) on the “tongs” to see us through to the close and packup.

The Bowral Hotel, a staunch supporter with our donation tins also donated the ice (120 ltr esky) and Jeremy Long (Mittagong) of JML Tree Services volunteered one of his workers to help with the setup and returned later for the dismantling. Bunnings, as part of their community engagement program make this possible with the provision of the BBQ, Gazebo and prime selling space.

Tania Clancy (Mittagong), Melanie Ison (Mittagong) and Kerstin Schweth (Robertson) were otherwise busily engaged on the day at the Harpers Mansion Garden & Plant Fair over in Berrima.

Next WRSC BBQ at Bunnings Mittagong is 30 January 2016. See you there.....

Richard Woodman (‘Woody’)



Photos © WRSC Cathy Joukador



Amphibolurus muricatus

(White, 1790)

Working classification

kingdom

ANIMALIA

phylum

CHORDATA

subphylum

VERTEBRATA

suprageneric

GNATHOSTOMATA

class

REPTILIA

subclass

LEPIDOSAURIA

order

SQUAMATA

suborder

LACERTILIA

family

AGAMIDAE

genus

Amphibolurus

species

Amphibolurus muricatus



Jacky Dragon © Ron Ricketts
Reproduced with permission

Description

The Jacky dragon, is one of the 70 species of dragons (Agamidae) found in Australia. Jacky Dragons are very swift lizards and like many other dragons, the Jacky Dragon will sometimes run in an almost upright position on its hind legs when pursued. Common morphological characteristics include rough, nonglossy scales; broad, thick, and fleshy tongues; and well-developed limbs, especially hind limbs which are generally longer and have five-clawed digits. Most dragons are also characterized by a lack of tail autotomy and the presence of femoral and/or preanal pores. In cool, wet weather, it will bury itself in the sand or shelter under a bush. It rarely enters the water, but does have the ability to swim. ... source: Wikipedia

The Jacky Lizard is pale grey to dark brown above. It has a series of large black angular patches along the middle of the back bordered by a pale grey stripe from neck to tail. The pale stripe may be broken into rounded rectangle shapes or diamond shapes. source: OZ Animals

Species Lists

Museums Field Guide apps species profiles – vertebrates

Brief description: Mouth orange-yellow inside, crest on neck, triangular patches on body.

Description : Body grey to dark brown with darker triangular patches that often form a zigzag pattern. Inside of mouth orange-yellow. Crest around the neck. Up to 12 cm long (snout-vent).

Biology : Jacky Lizards are active during the day and are often seen basking on logs or fallen branches. Their diet consists of a wide range of small arthropods.

Habitat: Sclerophyll forests, coastal woodlands, usually in areas with some native vegetation.

Native status: Native to Australia

Diet: Carnivore

Colours: brown black

Distribution: South-eastern mainland Australia.

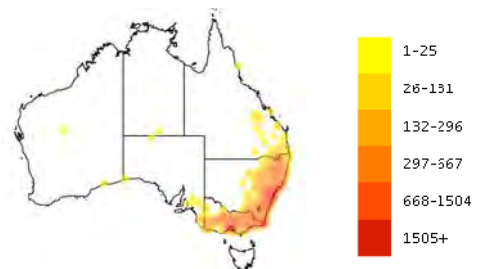
Habitat types: Terrestrial

Commercial species: False

Author credit: Museum Victoria Sciences Staff / Museum Victoria

<http://bie.ala.org.au/species/Amphibolurus+muricatus#>

The Atlas of Living Australia is a collaborative, national project that aggregates biodiversity data from multiple sources and makes it available and usable online. Sharing biodiversity knowledge to shape our future.



Please Help Us Help Wildlife....



Christmas is coming and the 2016 calendar is only \$10 (plus postage)

This beautifully produced calendar features a different native animal each month found in our licensed area, from gliders, kangaroos and bats, to wrens, wombats, frogs and goannas. Buy some calendars before Christmas for yourself, your family and friends and you'll give us a 'present' as well because all profits go directly to Wildlife Rescue South Coast. It really is "the gift that gives twice" and makes a great present especially for your overseas friends and family members.

To order online visit our website home page www.wildlife-rescue.org.au and click the calendar cover ~ we accept PayPal or credit card. To order and pay by direct transfer email payments@wildlife-rescue.org.au. The calendar is also available to buy at the many and varied stockists in the Illawarra, the Southern Highlands/Tablelands, the Shoalhaven and down the coast all the way to the Victorian border. Visit our display stores at the various markets and spring fairs, pop into Nowra Farmers Markets, Shoalhaven Zoo, Potoroo Palace or any of the vets that help us help wildlife.

Freshwater turtles spend most of their time in rivers, lakes, swamps and ponds, including farm dams. However, they sometimes come onto land to migrate between water bodies or to nest. The Eastern long-necked turtle is often seen crossing roads, where unfortunately it is frequently killed by motor vehicles. Please remove turtles to the side of the road they are heading toward. If noticeably hurt as long as there are no severe internal injuries, a cracked or broken shell may be repaired by Wildlife Rescue South Coast so please contact us if you find an injured turtle.

For more information visit: <http://www.wildlife-rescue.org.au/turtles.html>

Photo: WRSC Robyn Ardill



**I am heading in the right direction ~
thanks to Wildlife Rescue South Coast**