Newsletter of The Northern Tabllands Wildlife Carers

### Meeting Notice

Date Sunday 22<sup>nd</sup> November

Venue; Mike O'Keefe Woodland Centre, 80 Mann St, Armidale

**Time**; 10.30 am – 12.30.

\*\*\*\*\* Christmas Lunch .... 12.30- 2.30pm \*\*\*\*\*

us her completed research project) Followed by; Guest speaker .. Lisa Doucette ... Owlett nightjars' (showing



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PO Box 550 Armidale 2350 Northern Tablelands Wildlife Carers

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and Feral Animal support the Game decision not to

State Cabinet's





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Wildlife Carers Issue No 83 November 2009 Phone - 1800-008290 www.ntwc.org.au Newsletter of The Northern Tablelands

### **Shooting in National Parks proposal loses** Government support

environment and animal weltare Good news - opposition from

groups, and the community has helped influence

concerns that once amateur shooting of endangered and threatened species, there were

> death or permanent debilitation suffering before a prolonged

private exploits Public land,

public were not members of the hunting in national interfere with people or in any way anyone to approach an offence for would have made it parks with a proper Amendment Bill license. In fact, Feral Animal Control The Game and

declared public hunting land. This and impedes on the right to protest against amateur hunting measure effectively restricted public access to national parks licensed person hunting on

within 10 metres of a allowed to approach

Do not replace sound



House by the the NSW Upper

of kangaroos were on the hit list of safety of park users. Several animals and jeopardising the hunting would also have been under this legislation. Duck fair game for licensed hunters species of birds and four species threatening native tional shooting in ou opening up recreanative species that would become national parks,

illegally targeted or unintentionally hunters had access to national parks these species may be

unnecessarily cruel pain and wounded animals, causing Amateur hunters may have an ethical and humane manner ing if the shooting would occur in There was no way of determin-

reintroduced to NSW.While the

legislation did not allow the

amateur attempts control measures with

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#### **Tableland Wildlife Carers Contacts for Northern** ZTWC

- Chairman Harold Heffernen 6778-1357
- ∠ Vice Chairnan Colin Wood 67783329
- Secretary's job is vacant volunteers welcome
- Wombaroo Jill Chetwynd 6772-5855
- Publicity Colin Wood 67783329
- NWC Rep Colin Wood 67783329
- Newsletter Colin Wood 67783329
- Armidale Julia Rose 1800-008290
- Wendy Beresford 6775-3747
- ▲ Jill Chetwynd 6772-5854
- ✓ Tamworth 6762-1232
- Tenterfield Pam Brice 6736-2462
- ✓ Glen Innes `Kelly Stumbles 673 24268
- ✓ Snake Co-ord Colin Wood 67783329
- Write to NTWC PO Box 550Armidale 2350 Training Officer - Linda Dennis 0416014466

volunteers licensed by NSW National Parks and Wildlife Service. numbers in your area unwanted native tauna. Any assistance please call the above We rescue, rehabilite and release injured, sick, orphened & Northern Tableland Wildlife Carers is a network of trained

and support members All donations over \$2 are tax deductable Membership \$15 single and \$20 family year for authourised

New England Credit Union. This Newsletter is designed by Colin Wood and printed by

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# **Draft Procedure for Urban Wildlife Rescue.**

Date August 2009

Situation: Wildlife Rescue and Relocation requirements in Urban Zones

MVA; 1. Assessment on site by authorised / trained wildlife carer NTWC 1800 008 290

Ph. 6770 3627, mobile 0408 668 486 NPWS, OH&S assessment Phone +Selenium IMI and sedation. Assistance available from ADC ranger Steve Sauer with Tranquilliser gun 2.Capture for treatment = bagging and sedation on site. Macropods: Treatment stat. with Vit E

3. **Removal** (Koalas and Possums) = bagging for treatment or Release

\* Electricity pole = Call Country Energy ph ...... Assistance

SES ph..... NPWS phone.....

Police ph 6771 0699, ADC ranger ph. 6770 3627

4. Relocation: Macropods, herding out of town along wildlife corridor.

Assistance available from: ADC ranger ph 6770 3627

5.Euthanasia = on site after Assessment by; NTWC 1800 008 290. And NPWS ph ...... NTWC 1800 008 290 , WIRES 6778 4994

6.Body removal = transport to ADC Waste transfer station for deep burial

## Fundraising and Petition;

winners. We can also thank Jill and Brian for printing raffle tickets packed with information, also the businesses to make a small donation which have come together to make some very happy pampered posters which have helped greatly. The 'Pamper Hamper' raffle is proving very popular so a big thankyou to Jill for persuading local

close to wine tasting and fresh coffee we were fortunate to have a great spot for selling and signatures which took 3 of us and 6 extra helpers to put up. Unfortunately we had to abandon on the Saturday when the second dust storm arrived but the alternative accommodation in the big pavilion was ideal . Being Selling days have been at Centro and Plaza and SLEX expo. Colin organised loan of the NECU tent

in state forests because no one can be sure if shooters are active. This will also be a requirement in of NPWS, they seek to have other feral animals introduced as 'target species' and a license to target amendment to the Game and Feral Animal Control Amendment Bill which has been put to State Parliament signatures to Richard Torbay for presentation to the Legislative Assembly, ready for the reintroduction of selected native animals. Already we have heard of wildlife surveyors being advised to wear hi-viz vests licensed shooters/hunters. Not only would the shooters like to shoot feral animals without the management would prefer not to do it that way. The Shooters Party has proposed the opening up of National Parks for by the Shooters Party. There is an on-line petition with Nature Conservation Council but we felt many National Parkes if this proposed amendment is passed in Parliament. We have submitted over 300 The Petition was started by myself and Jenni Drewitt after we became aware of the proposed

meeting. NTWC urgently needs funds to continue to assist our joey carers with subsidised milks on 18th November. Raffle draw is 26th November so please return all tickets at the next I want to thank those who helped at each stall and hope for some new faces at the last stall at Centro

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Newsletter of The Northern Tabllands Wildlife Carers quickly as did the trost bite to her eyes, feet and seen abroad in daylight, but a dull rainy afternoon

cloaca. Her ears took the longest to heal however will tempt them out earlier than usual and the tips actually fell off completely.

except for her funny short ears! But we think she is the confidence of one is gained it may make a Chilli is now a happy, normal little wombat –

keep you updated on her care. before being soft released back into the wild. We'll belonging to Mrs O'Connell, of Bullallaba, this was

Chilli will be in care for another 18 months or so

Mr Blackett states: 'I was handling a wombat a female six months old. The animal was at liberty that such an animal had a sense of humour, but if delightful pet, and be very playful. In this respect To look at a wombat one would never suspect

attempted to interfere with any of the plants and had burrows in the garden, but never eyes and tries to sleep." was playful, and amused me very much or flowers. It would come to be petted and could find, until it got something to eat. If and make a funny little noise to anyone it when hungry would walk into the house, as a goat would do. This animal would upon its hind-legs and try to butt me, just playing with it. It would also suddenly real by trying to jump and roll when I was loved to be nursed just like a baby, yet it taken up to be nursed it quietly shuts its follow the kiddies about the paddocks, and

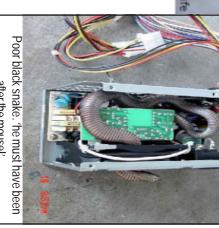
by Le Souef & Burrell, 1926 from "The Wild Animals of Australasia"



### What is a Wombat

Vombatus ursinus

out during the late afternoon or evening to feed. excavate into the side of a hill or bank, and come in the forests, and are well distributed throughout Quiet, inoffensive, and rather wary they are seldom the ranges of Southern Australia and Tasmania. They live during the day in large holes, which they "The coarse-haired wombats are most at home



after the mouse!

impacts of climate change. undermine professional control measures. to successful animal management and may control. Ad hoc efforts do not strategically contribute ment already under increasing stress from the Ineffective hunting measures damage an environ-Hunting is not an effective means of feral animal

and animal welfare groups to condemn the environment. We joined with other key environment Government and Opposition refusing to support the destructive Game and Feral Animal Control animal control is ineffective and damages the sional aerial shooting and biocontrol measures. teral animals in national parks, including protesare more strategic and humane ways of controlling Amendment Bill. We welcome both the State Using guns, dogs or even bows and arrows for The Nature Conservation Council believes there

#### Australian wildlife Report reveals mega-diverse'

of Australia's mammals and reptiles are tound nowhere else in the world. A new report has found that nearly 90 per cent

of Living Species in Australia and the World, found there are nearly 1.9 million known animal and plant species on the planet. The audit by Australian scientists, titled Numbers

species unique to Australia. review includes the discovery of a number of new continent, but this is absolutely confirmation of that," "We know that Australia is a mega-diverse Environment Minister Peter Garrett says the

spiders and scorpions also being discovered. actually discovering new species, with some 48 flowering plants and nearly 1,000 mites new reptiles, eight new mammals, 1,100 "I guess the other thing is it shows we are

The report found that only about a quarter of

ered and named. Australia's flora and fauna has been discov-

year. About three-quarters of those were inverte-18,000 new species were discovered each It also found that in the last three years,

south of Townsville. Details of the official audit will be Australian Institute of Marine Science, unveiled by Mr Garrett at the Mr Garrett says the audit is a crucial benchmark.

09/29/2699122.htm Link: http://www.abc.net.au/news/stories/2009/

#### Wildlife Rehabilitation **Conference WEBSITE** 2010 (nwrc) National

Google nwrc. now operational at <u>nwrc.com.au</u>, or just The 2010 Adelaide Conference website is

Australian Wildlife Rehabilitation **DIANNE HUNTER Secretary Western** Council Inc

www.wawrc.org.au secretary@wawrc.org.au Kalamunda, WA, 6926 ABN 96 705 889 719 PO Box 232

she wrote the article It was ommited that in issue 82 about to Linda Dennis. **Apology** 'Koalas

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#### could? www.ntwc.org.au Website as much as you Do you utilise Our

You can print out your Main advantages of using the website Membership form

- Foster Care report
- Animal transfer form Milk request form
- Animal report form
- organisation throughout Australia You can have access to most carer

to lots of useful Have access

and help for native links for education animals

- newsletter issues of you latest and older Read the
- released that have been photos of animals in care and those See lots of
- to help you care Lots of stuff

for our native animals

- and see which are non; partly or very Check out the snakes in our area
- all who have internet access. website address of the latest newsletter to we will be sending out emails with the Colin at turton37@bigpond.com Please register you email address with In future, to save on postage and paper Leave a message for our committee

### SNAKES (ORDER SQUAMATA)

it attempted to hold a violently struggling animal, it needs a different method of capture. The result is suitable for consumption. Since a snake has no used in self-defense against such animals. Its such as man, but may in certain circumstances be that some snakes possess a most compact, quick its comparatively delicate teeth might be damaged i limbs with which to capture or hold prey, and since primary purpose is rapid subjection of prey of size by snakes for aggression against larger animals "Contrary to popular belief, venom is not used

acting, and efficient killing mechanism: the venom glands.

a last resort - snakes show no opening their mouths; biting is only have struck and hit my legs without have been collecting snakes I snake, it will not normally use its attacked or provoked. Since man only in pursuit of prey or when use its venom indiscriminately, but have cornered specimens that reports that "many times when I venom on man. In fact Eric Worrell does not represent prey to a Consequently, a snake does not

unnecessarily." anxiety to expel venom; they do not waste it

attempting to kill or otherwise attack the snake. The estimated that perhaps 80 per cent of snake approach of man, if given the opportunity. It is in the bush. Its automatic reaction is, of course, to contact takes place, as when a snake is stepped on other 20 per cent of cases occur when accidental "attacks" and bites take place when someone is not habitually aggressive and will glide away at the All authorities agree that venomous snakes are

Serventy & Raymond, editors, 1973. from "Australia's Wildlife Heritage"

### Story and photos by Linda Dennis Chilli the Wombat

Chilli the Wombat lives up to her name for three



at about the 1kg mark, she had been beside her had received bad frost bite to her ears, back of the dead mum on the side of the road for a couple of days. She was lucky to be alive. The poor little gir 1. When Chilli was rescued and came into care,



and a couple dings to her head and back also. Chill also had parasite wounds literally from head to toe been pretty chilly!). The little Bare-Nosed Womba mother her well, we accidentally put her on too to regulate her own temperature. In our efforts to severe distress. We put her on a heat pad as she was a very distressed little wombat, initially – as was so trail and we knew that she wouldn't be able had deep stress hollows on her temples, indicating you could well imagine with so many injuries. She feet, above the eyes and on her cloaca. (She had

> out for in wombats – they cannot tolerate high All silliness aside, this is one thing to really watch much warmth and she became as hot as a chilli above 25 degrees Celsius. We noticed in time distressed when the ambient air temperature rises temperatures and can become extremely heat too much longer without checking we may well though, thank goodness, but I think if we'd left her have lost her.

she'd be frozen! cared for – in fact, if she was any more chilled relaxed and happy wombats that I have ever maybe even cranky and intolerant. But not little Miss Chilli. She is one of the most laid back, that a little critter would be jittery and anxious or 2. After such a terrible start to life one would think

kept her on pain medication for a while (those ears must have hurt a lot) and she was also on antibiotics for any potential secondary infection witness a happy wombat joey in play. bound when playing! What a total pleasure it is to she's a wombat - but she still loves to leap and ways than one).... no, she's not a kangaroo, help Chilli improved in leaps and bounds (in more directed us in her veterinary care and with Benn's Bryant, senior veterinarian at Western Plains Zoo which often accompany frost bite injuries. Benn We started treating Chilli's myriad of wounds,

The smaller wounds on her body healed



#### Wombat

by Colin Gibson

That knit together night's blanket on the grasses, Where the sun behind the snow gums casts the shadows By rocky tops and narrow boulder passes Up along the wide rambling plateau,

From the bowel of granite-earth the wombat comes; Out in the open of a broad upland valley, And rattle the blue-leaved wattle and mottled gums, Where crisp winds tug and twist among the sally

Come to life among the grasses and sods. Snorting like a muscle-bound mound of mullock He shakes his shoulders, pricks his ears and plods, And across the star-lit acres among the tussock

Among fibrous roots so nourishing to chew And soft white puff-balls his nose will find The freshest shoots, and tillers sweet with dew, For tonight the smoothest soil his teeth will grind

With earth and mosses burying his snout; Burrowing like a hairy little tank Probes and prods laboriously about, Here at night's swampy corner he claws the bank,

As one that can communicate with soil Concentrating on the task he has at hand And kicks aside the overburden and spoil, In a language only the earth can understand

And sniffs the moonlight that fall upon his trail Then passes, gruffly grunting at his fellows, He drops an oblong message under his tail, Then along the well-worn path he always follows

### Kooka & Houdini

### by Daphney Mandel Hayes

the way to Sydney when I viewed a Kookaburra The beginning of 1996 my husband & I were on

end so I contacted the National Parks & wildlife and Parks & Wildlife for having him, this upset me no

a license to be able to have him. The next thing I needed to find out

so that we could not hear each other laugh in captivity but this knowledge was a lady in Adelaide doing a theses more, it came to my attention there me great help but I needed to find out the Australia Zoo in Sydney they gave how to look after him, so I contacted so I told her she would have to my cat and started to laugh so much sitting on the bottom step inside with was soon put to bed as kooka was she told me that Kookaburras do not on the Kookaburra so I contacted her

book on everything to do with and about the Animal Hospital use to give me frozen mice. Kookaburra. A young fellow from South Tamworth We went to Sydney again and I found a small change her thinking on that score.

other wild Kookaburras would come around and along just fine, every October November when the distress call and the dogs would run out to protect shared with my 4 poodles and my 2 cats they got protective of Kooka when he was in trouble. him and chase them away, they were very try to take over his territory he would give off a Kooka had the run of the back yard which he

went by without him having his regular bath this he liked to roam within the back yard, never a day oved to do in his own red bath He had his own ladder and special spots he

me she rang and wires picked it up and that it was called the radio station and the police one of the the gate at the side of the house, I was trantic I teachers herd the radio and contacted me, she tolo One day he somehow got out of the yard under



he was progressing. and that I would call on my way back to see how scone vet. I told him I was on my way to Sydney wrapped him in a clean cloth and drove on to with a car as the muscle under the wing was torn, see if anything was wrong. He was bleeding from sitting on the side of the road, I stopped to check to he must have been in flight when he was hit maybe under the wing, when I lifted the wing I could see

as he did not look to well when I dropped him off, to the Scone Vet ithought he may have passed away with the medication they gave me to put under his they gave him to me with instructions of what to do my surprise he was alive and looking very good, On my way back home to Tamworth I called into

put him down or be fined \$2,000 by the National for advice but was not ready for the reception I could not have the Kookaburra and would have to received which quite surprised me. I was told I treat this wonderful bird, my first call was to Wires When I arrived home I was at a loss as to how to

they informed me that it was being operated on to at the Piper Street Vet I called them by phone and Newsletter of The Northern Tabllands Wildlife Carers

was going to share his space and there were a few Houdini he did not like the idea that someone else

each one knew their back yard so long as being very happy in the everything settled and scrapes but soon place. life went on with both

as being invalids they sociable then into the and then out into the own cage into which house they would come if the day was not yard in the morning, but they went at night time They both had their

energy to keep them warm advantage of being able to fly and build up their did not have the

take out the rough feathers, I was beside myself

### blue faced honeyeater comes into care.

(Entomyzon cyanotis)

of the WIRES carers had the bird and that I could was natural for this bird. They informed me that one burra and that the small amount of rough feathers could they not see that this was an invalid Kooka

Wildlife and they informed me they would contact not have it so I contacted the National Parks &

Alternative names: "Banana-bird\*", "Blue-eye"

cried all his end feathers were gone.

The next day I had to take Kooka to our local vet

when I saw what had been done to Kooka I just of the garage and kooka jumped onto his hand went to pick him up I told my husband to go down to

Wires and have them hand the bird back to me, we

the house and pick him up he took him to the back

quickly and was released back to its harem along electric colour. Thankfully this one recovered the Armidale creeklands. of these very handsome birds. That blue is such an This is the first time I have seen or cared for one

got him through this ordeal but life was never the upset him and he broke off the tips of his wings, we feathers he could not hop around or partly fly this home to treat him. Because Kooka now had no death he repaired the stumps and I took Kooka vet was quite worried and thought he might bleed to as the feather stumps would not stop bleeding, the

same as it was before.

years or his life he had another companion called

I had Kooka for Thirteen years and the last three

### 'Wilburts' story.

male antechinus which share her home 'Wilburt' is the name my sister gives to all the

> Easy identification is to look for the two rodent front masses of wonderful teeth in the mouth as well. nose length from a domestic mouse and there are teeth which introduced house mice and rats have

#### Mating habits of theAntechinus

antechinus can spend up to 12 hours actually dies when he gets a little action. in his blood, he doesn't stand a chance. His Between that and the steroids that build up distracted he forgets to eat, drink and sleep mating! In fact, this super mouse gets so guys would die to get a little action, this guy Well not a little, more like a lot. The when it comes to making love. While most makes the list due to his sheer tenacity This marsupial mouse from Australia

with sperm until the end of the breeding season. But mate makes the most of it, filling herself up

These amazing creatures eat with relish all the

dear old dad. With him out of the picture, there's more food for those left behind -don't feel too sad about the passing of plus he likely died a very happy mouse!



she never needs chemical insect control. If a there is never any 'mouse' smell with any dropthey generally stay away from the pantry food and it is dragged off for a special family feast. Otherwise Wilburt should happen upon a neglected mars bar

antechinus male testies is rather large for his body are members of the bandicoot family which included weight, explaining the mating trenzy which deceased 'Wilburt' (? the 5th) the size of the Bilbies. The photo shows the different head and nappens followed by an early death. Antechinus As you can see from the photo of a recently

#### After a recent 'media frenzy' event in **Rescue of Native Animals in** Armidale.

point where we now have a DRAFT Native anima working procedure for all parties involved. Mobile Armidale of a wallaby euthanasia by local police nearing completion after a good workshop at our NTWC felt there was a need to put together a ADC council Ranger, SES and WIRES to get to a last meeting NTWC then contacted NPWS, Police the world is amazing. the speed at which images can be posted all over phones capacities cannot be overlooked today and So a Standard operating procedure (SOP) is

rescue SOP. See page 15 for SOP

antibody, the cat can become infected and will shed excreting oocysts to other animals. If there is no oocysts for one to two weeks after exposure. Newsletter of The Northern Tablands Wildlife Carers

acupuncture to treat the symptoms of toxoplasmosis modalities such as herbs, homeopathy, and side effects. Alternative veterinarians recommend the antibiotic clindamycin, which has fewer or even toxic to some cats. Another choice is However, pyrimethamine may be unpalatable together to inhibit Toxoplasma reproduction. drugs used to treat toxoplasmosis. They act Pyrimethamine and sulfadiazine are the two

No vaccine is available as yet.

only cooked meat, commercially prepared car allow them to scavenge in garbage cans. access to rodents and birds, and give them food, and pasteurized dairy products. Don't Toxoplasma? Restrict your pet cats from What can you do to control the spread of

chemical disinfection is not effective in destroying and disinfect them with scalding water or dry heat or litter. Wash your hands thoroughly after contact. them. Get rid of faeces from litter boxes every day Cover sandboxes to prevent cats from defecating in rubber gloves during contact with contaminated so cats may defecate can be avoided by wearing children's sandboxes, litter boxes, and anywhere Transmission of oocysts present in garden soil

contaminated with oocysts. Keep any outdoor cat away from free-roaming cats because they can be and water after contact with soil and cats. before eating. Wash hands thoroughly with soap seems ill. Wash uncooked vegetables thoroughly have another person change them daily. Stay birds, rodents, uncooked meat, and also unpas-As mentioned above, do not allow cats access to soon, test your cats for antibodies to Toxoplasma furnishings that you use. Don't handle a cat tha from contact with bedclothes and any teurised dairy products. Don't handle litter boxes If you are pregnant, or plan to become pregnant

http://www.essortment.com/all/

### www.fawna.org.au/ What is FAWNA

operates on the mid north coast of NSW and is Service (NPWS). licensed by NSW National Parks and Wildlife for injured and orphaned native wildlife. FAWNA volunteer wildlife rescue and rehabilitation service FAWNA (For Australian Wildlife Needing Aid) is a

and Gloucester local government areas, covering ence in some way. the main, need assistance due to human interferthe thousands of disadvantaged wildlife which, in throughout the Kempsey, Hastings, Greater Taree 12,914 sq kms. All share a concern for the plight of FAWNA's volunteer members are situated

service where members are on duty to answer Fawna Duty Officer 6581 4141 calls from the public for wildlife needing assistance FAWNA operates a 24hr emergency telephone

and restore wildlife habitat. awareness of the reasons why wildlife need human assistance, and what people can do to help protect schools and community groups, creating an FAWNA undertakes an educational role through

annually elected Coordinators and Assistants for committee elected annually by the membership. For fauna species groups. divided into three local government regions with rescue and rehabilitation purposes membership is FAWNA is administered by a management

The Aims and Objectives of FAWNA

- natural environment. \* To rehabilitate native wildlife for return to their
- or causing distress to the public into a natural nabitat for that species. \*To relocate native wildlife which is under threat
- protection of the environment rescue and care of native wildlife and encourage \* To train volunteer members to carry out the
- To review policies and initiate actions in pursuit

of its objectives and aims.

# Vet Student Tracks Turtle Threat to People

the potential to spread to humans. suffering from a highly infectious disease, which has has flagged the first case of a captive-bred turtle by Debbie Bannan AJames Cook University vet science student

> Sydney this month (Oct 9-11). Unusual and Exotic Pets Annual Conference in Association inviting her to present the paper at the

"I am so happy that my paper has been accepted into the conference pro-

to help raise awareness about caring gram," she said. "The physiology of delighted to share." for these fascinating creatures I am ally challenging, so anything I can do mammals making them really intellectu exotic animals is so different to

on a case she was involved in last turtle — lessons to be learnt', is based bred freshwater Emydura macquarii acid-fast bacilli infection in a captive-Debbie's paper, entitled 'Metastatic

right side of its plastron bridge," she at Aachilpa Veterinary Group when lesions on its front left forelimb and the this turtle presented with strange "I was doing some volunteer work

but after three months its health deteriorated rapidly amputated. I took the turtle home for rehabilitation bone) was diagnosed and the forelimb was and unfortunately it had to be euthanized." "Osteomyelitis (inflammation of the

extensive multi-organ granulomatous masses, identified as metastatic mycobacterium disease. mortem revealed the turtle was in fact riddled with In addition to the osteomyelitis diagnosis, the pos-

about this case was that the pathogen had never disease," said Debbie. "What was most concerning can often be an overlooked and misdiagnosed before been found in a captive aquatic reptile in "Mycobacterium is very common in reptiles and

"Mycobacterium has significant zoonotic potentia



captive aquatic reptile in Australia what was most concerning about the case was that the pathogen had never before been found in a A second year student, Debbie Bannan said that

numans," she said. need to know how to recognise and treat them before they spread to other captive animals and "If these infections are getting into our homes, we

enough fuel in the tank and dedication to boot to write up the case as a scientific paper. keep most Vet students busy, Debbie still had placements in the holidays, which is enough to Despite a hectic class schedule and extramura

of her labour with the Australian Veterinary The mature-age student is now seeing the fruits

so if these infections are getting into our homes, we is often lengthy and, at times, unsuccessful." humans. The unfortunate outcome is that treatment before they spread to other captive animals and need to know how to recognise and treat them Newsletter of The Northern Tabllands Wildlife Carers

success of this kind. undergraduate Vet Science program to have Debbie is the first student in this burgeoning Usually the territory of postgraduate students, JCU's Associate Professor Leigh Owens, who

presentation and paper on top of her scholastic drive to be involved in the investigation, the oral thing that impressed him the most was Debbie's encouraged Debbie to write up the case, said tha

learnt and what she would do differently next time," the case where Debbie tried to assess what she "I was also impressed with the reflective nature of

towards a scaller, slimler brood. working life as a midwife, Debbie always leaned Despite spending the first ten years of her

and various other weird and wonderful creatures," "As a child I was always bringing home frogs

before pursuing practice in exotic and wildlife Debbie plans to undertake an Honours project

we can do more in terms of conservation, manageknowledge of caring for our own native wildlife so management of these animals," she said. "I also greater insight into the care, treatment and exotics as pets, veterinarians need to gain a ment and treatment." think great advances could be obtained in the "I feel that as more and more people are keeping

Aachilpa Veterinary Group for their assistance and Dr Jenni Scott and Dr Graham Brown from Debbie thanked A/Prof Leigh Owens, pathologis

Issued October 5, 2009

### **Toxoplasmosis & Cats**

other mammals and birds caused by a parasite animals, including man, can become infected with it. common, but full-blown disease is rare. T. gondii is plasma infection to humans. Domestic, wild, and feral cats can transmit Toxoimportant because virtually all warm-blooded called Toxoplasma gondii. Toxoplasma infection is Toxoplasmosis is a disease of cats as well as

and birds or raw meat. Stray and feral cats have a cats have more of a chance of acquiring it. the ingestion of infected animals such as rodents gondii. Its prevalence is related to factors including higher incidence of infection than pet cats, and older Cats have a 20% to 60% infection rate with T.

two years old, possibly because of their poorly virus, which suppress its immune response feline leukaemia virus or feline immunodeficiency developed immune response. In an older cat, a ecurrent infection may be due to the presence of Toxoplasmosis is most common in cats less than

vomiting and diarrhoea, neurological sympbreathing (because of pneumonia), eye anorexia, weight loss, lethargy, difficulty toms, swollen lymph nodes, and jaundice. inflammation, and fever. Other symptoms are Symptoms of toxoplasmosis include

stages: cyst, oocyst, or tachyzoite. A cat may eai survive in moist shaded soil or sand for months shed oocysts during acute Toxoplasma infection become spores, and become intectious to other cysts in infected rodents or birds, or other animals, including humans. Most exposed cats the faeces for two to three weeks. Then they may the second stage, oocysts. These are excreted in multiply in the wall of the small intestine, producing **raw meat**, whereupon the organisms will begin to but not after. Oocysts are very hardy and can The life cycle of the T. gondii parasite has three

in the body. This stage eventually ends, and a multiply as tachyzoites, which spread to other sites In the intestine, some Toxoplasma organisms

brain. Most of these cysts probably remain dormant

Pneumonia is often a major symptom. Liver jaundice. The diarrhea, and intlammation may lead to vomiting, lethargy, depression, loss of appetite, and fever. mostly to kittens and young adult cats, with Toxoplasma. Sometimes toxoplasmosis occurs, Most cats show no symptoms of infection with

pancreas may be

swallowing food in chewing and

and defecation.

"resting" stage produces cysts in the muscles and

about a 40% chance that the foetus will acquire the symptoms of the infection themselves, but there is Toxoplasma infection is most common, but the women infected during pregnancy have no infection occurs during the third trimester. Most disease is least severe or without symptoms, if the infection, and be born prematurely or even

stillborn. In

even years later. birth, or weeks, months, or appear at different times: at individuals, symptoms may symptoms. In symptomatic annually in the United congenital infections over three thousand human disease will result. Toxosevere neurological or eye about 10% of these cases, States, most of them with no plasma infection results in

symptoms. For these enlargement of the lymph organ transplantation, being treated for cancer or disease are common problems, and heart disturbances, respiratory nodes, eye and neurologic In AIDS patients or those



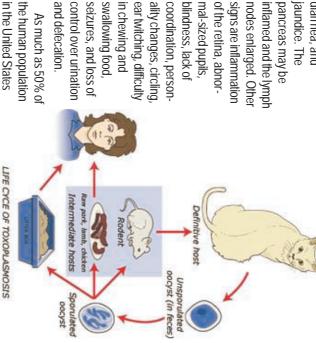
and 20% to 80% of in the United States

of their infants born to mothers are also infected. during their pregnancy, about one-third to one-half mothers who first acquire Toxoplasma infection 20 and 39 have already been exposed to 45% of American women between the ages of sion of Toxoplasma from mother to foetus. Up to been infected during the first trimester ot pregnancy. but the disease is most severe, if the mother has Toxoplasma and are therefore immune. But in oxoplasma intection of the foetus is least common But the greatest concern for humans is transmis-

> contact with stray and feral cats can be risky plasmosis, unless these animals are allowed contact with a pet cat or a neighbour's car to roam and hunt or eat raw meat. However, will not increase the risk of acquiring toxo-The good news is that most studies show that

patients, such as people with AIDS.

infected and is now probably immune and not examination of tissues. If a healthy cat has high with T. gondii, but not a definitive diagnosis of antibody levels, that means it has been previously tests, including an antibody titer test and microscopic the patient, symptoms, and the results of laboratory toxoplasmosis. Its diagnosis relies on the history of Blood serology tests may indicate recent infection



blindness, lack of

mal-sized pupils,

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