

President's Report by Rod Pattison

Although opportunities are few and far between I like to spend a weekend beach camping. It's good to set up camp, grab a chair, a can of beer and watch the waves roll in and out whilst admiring the million-dollar view.

On my last trip, with kilometres of beach to stop at, a family of day picnickers stopped directly in front of my camp, threw up a shade tarp and proceeded with their day at the beach. The intrusion on my peaceful weekend and my view didn't particularly worry me until they had left. It was then I saw the rubbish they had discarded all over the beach.

Two garbage bags later I had cleaned up their mess and added them to the other ten

bags I had already collected from the previous day. These people didn't go to the local garbage tip for their picnic; they went to a place of great beauty. My question is why they turned it into a tip?

So what relevance has all this have to do with frogs? In spite of the cold I recently stopped at a large roadside drain where I heard Eastern Sedgefrogs calling. Instead of water lilies most of the frogs were calling from floating 'coolight' boxes, Kentucky fried chicken boxes, and soft drink cans. There were tonnes of rubbish that had been thrown out of the windows of passing cars.

I can only describe the ditch and countless other places as appalling. Is it a lack of

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Most of the Co-ordinators now hold the “Frogs of Brisbane” poster and you can pick up your FREE (to members) poster from them.

DIARY DATES

CAMPS, TRIPS AND GET-TOGETHERS

OCT 8 Glen Rock Regional Park, 30 minutes from Gatton. As bookings are essential please ring Rod or Stefan two weeks prior to the camp.

NOV 12 Carneys Creek, Ring Rod and Stefan for details.

DEC 3 Night Cap National Park - Please ring Rod or Stefan two week prior for bookings and car pooling details.

DEC 10 QFS Christmas Get Together at Downfall Creek, Bushland Centre, 815 Rode Road, McDowall. Start about 4pm. BYO BBQ/cold food and drinks. Please phone Jenny if you wish more details.

WORKSHOPS AND WEEDING

OCT 2 Mooloolah Waterwatch Frog ID Workshop. (See article in this Frogsheet p.6).

OCT 15 Bowman Park, Bardon. Weeding Morning at Frog Habitat near David Ave. car park. 8am – 11am. (See article in this Frogsheet p.10 -11)

NOV 26 Jacobs Well Frog Workshop. (See article in this Frogsheet p.6)

JAN 26 Bowman Park, Bardon. Weeding Morning at the “New
2006 Creek”. It is the “Creek’s” 6th Birthday (See article in this Frogsheet p.10 - 11)

GREEN DAYS

OCT 9 Brisbane City Council Green Day. 10am – 1pm. Venue TBA. QFS will have their display and sales there.

NOV 13 Brisbane City Council Green Day. 10am – 1pm. Venue TBA. QFS will have their display and sales there.

NATURESEARCH EVENTS - FROG SURVEY CALENDAR.

NOV 2005 *Adelotus brevis* - Tusked Frog.

MAR 2006 *Limnodynastes salmini* – Salmon Striped Frog.

To register for NatureSearch activities,
telephone Darren Phillips on (07) 3202 0271

FROG WEEK AT O'REILLYS

DEC 4-9 Frog Week at O'Reillys. A great week to see lots of frogs and listen to the experts. Visit www.oreillys.com.au for information

KROOMBIT TOPS SURVEY

NOV 21- 26 John Clarke and crew are off to survey this great area again and if you would like to be part of it please contact John at john.clarke@epa.qld.gov.au

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education or perhaps is this behaviour becoming the norm for Australian society to have so little pride in their country? Have we become so disconnected with our natural world and its values? Not only our beloved frogs but also other animals are suffering and surely dying from the pollution of their habitat. I for one would like to know the answer before it's too late.

With the warmer months upon us QFS is about to become very busy again with talks, workshops, stalls and camps all in the pipeline. I hope members are able to attend some of these upcoming events. We have applied for grants for informational brochures, computers, and a Digital Projector. If these grants are successful they will undoubtedly help the running of the society.

In between wild life tours and radio appearances past president Ric Natrass is somehow finding time to write a field guide to our magnificent Dragon and Damsel Flies. Ric has already produced a poster on Dragon Flies of Brisbane (see p.4). He still has a couple of the rarer Dragon Flies to photograph before his field guide to Dragon Flies and Damsel Flies of South-east Queensland can be published. Knowing Ric it will certainly be another quality book to add to our backpacks in the future.

It is still good news for the Pine Rivers Green Thighed Frog colony. Council has approved the development plans for the frog reserve area. The property planner and owner now have to accept any changes before it goes to the next stage. The local councillor rang me in regards to fencing and signage for the reserve. Once again I wish to thank all parties concerned and with a bit of luck by next frog sheet I should be able to tell the final outcome.

Until next time keep those headlights shining and good frogging to all.

Rod Pattison.

GOT A GREEN SPOT?

This is just a gentle reminder that your membership is due and that this might be your last Frogsheet. Please ignore this reminder if you have posted your renewal recently.

The Society values your support and it is only through membership numbers that we can continue the work to help our native frogs.

Thank you to the members who have renewed. We do have many members who have support the Society for over 5 years and some for 15.

CO-ORDINATORS' REPORTS

ASHGROVE

There isn't too much happening around this area but I have my fingers crossed for some rain at the beginning of Spring to see how the frogs have managed during Winter and the dry.

I did have the Striped Marsh and Tusked frogs calling after the bit of rain a few weeks ago but only the Striped Marsh spawned.

With my other hat on, I have been to a few Regional Planning Meetings and a BCC Conservation Action Statement meeting to make sure Frog Habitats are still on the agenda, as our froggy friends seem to be pushed into the background in the "big picture".

Reports of quite a few dead and dying frogs (possibly from Chytrid fungus) have come through from Hervey Bay and Ipswich areas and this information has been passed onto Pearl Symonds (*who is researcher and vet*).

Many thanks to the public for getting in touch with QFS to report what is happening in their areas.

Jenny Holdway

more co-ordinators' reports on page 4

CABOOLTURE/BRIBIE ISLAND

I have responded to issues relating to Frog Ponds this last little while. A gentleman will hopefully be enjoying the evening springtime calls at Toorbul once he builds his frog pond.

Congratulations to Stephen Kazakoff of the Caboolture Venturer Scouts who was recently awarded the highest honour in the Scouting Community, the Queen's Scout. One of Stephen's tasks was to fulfil obligations to the environment. So Stephen and two other scouts re-made an old frog pond, including the planning, organisation of plants and rocks and building the pond, about a year ago. I have yet to return to assess its success, but hopefully more than toads inhabit the pond, which is very close to Lagoon Creek.

With this last little rain I have already heard a Striped Marshfrog and Eastern Sedgefrog from my backyard pond. Keep up the rain!

Pauline Fitzgibbon

LOCKYER

It hasn't rained. Come to think of it, it hasn't rained for months. Most of the Common Green Treefrogs are now living in our pot plants with between two and ten per plant. We have a couple of Emerald Spotted Treefrogs under the birdbath and every time we turn on the hose to top it up they call.

One thing of interest is a Southern Boobook owl, which has started calling of late. I have never heard them here before but over the last couple of weeks we've heard them calling nearby, early in the night.

I hope to see lots of members at the "annual general". We will be there and I might even put my hand up as "Field Trip Convener"

Lawrence Pearce

SUNSHINE COAST NORTH

What a warm winter we have had. Not a frost in sight. It has been so warm, that I have had to carefully pick through the broccoli from the vegie patch, to make sure there aren't any grubs ready to fall out onto the dinner plate at tea time, giving the kids another excuse not to eat their vegies. Generally the cold weather keeps any grubs or moths at bay.

Same with the frogs this winter. Usually all the frogs in my area hibernate or go quiet over winter. Not this winter. I have heard the Eastern Sedgefrogs and seen the Common Green Treefrogs. I have also been able to trick the Striped Marshfrogs into chorus at night, by turning on the sprinkler around the frog pond during the daytime.

I am very surprised at the amount of phone calls and emails I have had this winter regarding frogs and tadpoles. Undoubtedly a record in my local area. Looks like us froggers are in for a busy time as summer comes on.

A bit more rain this summer would kick the frog festivities off to a great start. I for one am looking forward to it.

Trish Espin.

DRAGONFLIES OF BRISBANE

A new poster produced by Ric Natrass

There is a close association between dragonflies and frogs. Both are dependent on water both in the larval stage and to some extent as adults. They must return to water to reproduce. Some frogpond owners worry about the predation by dragonfly larvae on their early stage tadpoles, but this is all part of the balance.

Dragonfly larvae feed on anything that moves and that of course includes the young of the Giant Water Bug which is also a tadpole feeder, so the balance is a big picture.

The poster features almost all of the Brisbane species at actual adult size and all now have lovely useful common names.

It will be available from the Frogshop at \$10 each plus P+H.

THANK YOU

The Members and Committee wish to thank Leanne Marshall for producing the Frogsheet for the past 2 years. The thought and planning that Leanne put into the newsletter was tremendous and I am sure everyone appreciated the way the 'froggy news' was presented.

Welcome to Janet White who has taken on this position and I am sure everyone will continue to support the Editor with articles, stories etc.

Do remember that anyone can contribute to the Frogsheet so, if you have a story about your backyard, local area, school etc. Janet would love to hear from you. JH

GRANT NEWS

QFS has applied for a Brisbane City Council Community Grant for the printing of the 'Care for Injured Frogs' booklet and creation of magnets with QFS contact information on them (both to be distributed to vet clinics etc), printing of the Frogsheet and reprinting of the QFS 'Frogs in your Garden' brochure.

QFS has also applied to the Queensland Government Gambling Community Benefits Fund for a Laptop computer and equipment to enable us to do Power Point presentations at workshops and talks plus an upgrade of our aging computer and software.

WATERWAYS SWAP CARDS

Brisbane City Council Healthy Waterways Department are putting together a set of 10 Swap Cards depicting some of the animals that live in or around the Brisbane waterways.

These cards will have a photo and information on the species shown. One of the cards will feature *Litoria gracilentia* (Graceful Treefrog)

These were launched in early August and will be handed out only on the CityCat ferries.

RARE FROG SURFACES AFTER FLOOD

(From the ABC website Friday, July 8, 2005)

A Griffith University student found the threatened Green Thighed Frog in bushland at Southport after torrential rains dumped up to 600 millimetres of rain on the city last week.

Environmental science lecturer Dr Jean Marc Hero says it is the first sighting of the species that is found only after extremely heavy rain.

"[Student] Damien has been going to this site after rain for the last 15 years," he said. "He's worked extensively in the area and never recorded them before, so after 15 years of searching for frogs in this site this amazingly rare frog just appeared.

"He actually came to my house at 10 o'clock on Friday night and presented it to me, he was so excited."

FROG MAY HOLD KEY TO SURGICAL GLUE

(From AAP/Channel 9 Jul 10 2005)

A chubby yellow frog, which resembles the famous Faberge egg, may hold the key to a surgical glue potentially worth billions of dollars.

After six years of study, scientists say they are on the verge of a breakthrough in cloning the sticky secretions of the Notaden frog to produce an adhesive for flesh and internal wounds, the Sunday Mail reports.

First discovered by accident by Adelaide frog expert Mike Tyler, the fast-drying "frog glue" is non-toxic and could revolutionise the way wounds heal.

As part of research with the CSIRO, six of the frogs otherwise known as the "Holy Cross" toad because of a black crucifix on its back are being "milked" once a month by Prof Tyler.

This involves giving the frogs a mild electric shock, scraping the substance from their backs, and then freighting samples on ice to laboratories in Sydney.

WORKSHOPS

MOOLOOLAH WATERWATCH FROG ID

October 2nd 2005. 1.30pm to 8.30pm.
Mooloolah Waterwatch will hold a Frog ID workshop and spotlight at the Mooloolah Community Hall and at Jan Kesby's home. Queensland Frog Society will be doing the presentation and there will be CDs, books etc for sale.
Cost: \$15.00 which includes dinner. Phone Jan on 5494 7653 or email janmrw@cust.caloundra.net to book.

JACOBS WELL FROG ID

November 26th 2005. 7pm to 9pm.
Rod Pattison will be presenting a frog ID night at Jacobs Well Environmental Education Centre.
Bring a torch, insect repellent and wear walking shoes.
Please contact Glenn Leiper on 5546 2317 to book.
Cost: A gold coin. Supper will be served.
Address: 843 Pimpama-Jacobs Well Road (the access road is at the intersection with Behms Road)

From the editor...

Thanks to everyone who sent articles and reports and particularly to Jenny Holdway who did much of the compilation. I'm still finding my feet with the Pagemaker programme but expect to improve and be able to email the newsletter, to those who prefer that paper-saving format, soon.

Janet. White

ROUNDUP® KILLS FROGS AS WELL AS TADPOLES

As amphibians continue to mysteriously disappear worldwide, a University of Pittsburgh researcher may have found more pieces of the puzzle. Elaborating on his previous research, Pitt assistant professor of biological sciences Rick Relyea has discovered that Roundup®, the most commonly used herbicide in the world, is deadly to tadpoles at lower concentrations than previously tested; that the presence of soil does not mitigate the chemical's effects; and that the product kills frogs in addition to tadpoles.

In two articles published in the August 1 issue of the journal *Ecological Applications*, Relyea and his doctoral students Nancy Schoeppner and Jason Hoverman found that even when applied at concentrations that are one-third of the maximum concentrations expected in nature, Roundup® still killed up to 71 percent of tadpoles raised in outdoor tanks.

Relyea also examined whether adding soil to the tanks would absorb the Roundup® and make it less deadly to tadpoles. The soil made no difference: After exposure to the maximum concentration expected in nature, nearly all of the tadpoles from three species died.

Although Roundup® is not approved for use in water, scientists have found that the herbicide can wind up in small wetlands where tadpoles live due to inadvertent spraying during the application of Roundup®.

Studying how Roundup® affected frogs after metamorphosis, Relyea found that the recommended application of Roundup® Weed and Grass Killer, a formulation marketed to homeowners and gardeners, killed up to 86 percent of terrestrial frogs after only one day.

"The most striking result from the experiments was that a chemical designed to kill plants killed 98 percent of all tadpoles within three weeks and 79 percent of all frogs within one day," Relyea wrote.

Previous studies have determined that it is Roundup®'s surfactant (polyethoxylated tallowamine, or POEA, an "inert" ingredient added to make the herbicide penetrate plant leaves) and not the active herbicide (glyphosate) that is lethal to amphibians.

University of Pittsburgh, 3 August 2005
This research was funded by the National Science Foundation, Pitt's McKinley Fund, and the Pennsylvania Academy of Science.

To read more about Relyea's frog research visit <http://www.pitt.edu/~biohome/Dept/Frame/Faculty/relyea.htm>

FROG HABITAT AT WESLEY HOSPITAL

I think it will be four years ago this summer that I realised there was a large frog population behind the Wesley Hospital where I worked.

Walking down to the car, one rainy hot evening, I passed behind the car park and down to the area known as Moorlands Park, (bounded by Dixon and Land Streets). There was an enormous cacophony of frog calls; mainly and very loudly many big Greens (*Litoria caerulea*) with a higher overlay from the Gracefuls (*Litoria gracilentia*) and a background chorus from the Stripeys (*Limnodynastes peronii*). I thought there were also a few Tusked frogs (*Adelotus brevis*) but have never been able to reliably confirm this, and it would, in truth, be an unlikely habitat for them. The calling came from the steep vegetated cliff face that borders the park, the Wesley campus and a staff car park, and from the puddles that had gathered at the base of the cliff.

Over the following weeks I kept an eye on the spawn and the resultant tadpoles, and managed to remove a small number of Cane Toads that were in the puddles amongst the grass tussocks. I did receive some strange looks from other homeward bound staff as I was paddling around shoeless in the twilight! All went well. With some follow-up showers the tadpoles developed fast and a few weeks later, though some puddles had dried up, those at the edge of the staff car park were holding water and also holding tadpoles with well-developed legs.

Then DISASTER! Next morning there was a work crew with earthmoving equipment just putting in the final layer of road fill over all the area that had been puddle, fulfilling the (of course) overwhelming need for half a dozen extra car spaces that wouldn't get wet when it rained. I discovered from the work crew that it was a hospital order. I spoke to the hospital engineers, spoke to just about everyone! They were all upset... all had no idea.... all wouldn't have done it.... but of course it was too late then, and interest in correcting the situation was low to zero.

I realised that a pond or some ditches in the immediately adjacent council parkland would provide an equally suitable breeding ground, and with the help of the Frog Society, telephoned and wrote letters to both the hospital and the relevant Council Departments. Over the ensuing two years, despite many calls, nothing happened and virtually no response was received, though the frogs still called en masse as soon as summer rain fell.

Following the advice of Phil Bird I made an appointment and went to see the Councillor for Toowong, Judy Magub. She was both helpful and interested. She thought that something could be done without too much outlay and set in motion a move to obtain pond quotes with the backup of Habitat Brisbane. I think it helped when Frog members volunteered to help with planting and maintenance! Judy also showed me a map of the area dating back to the early 1900's, which shows a creek flowing through the 'parkland' down to the Brisbane River, the whole area in question being clearly shown as marshland at that time.

It seems that with a few successful breeding seasons in wetter years, this frog population has held on for a very long time, living in the cracks in the cliff. It is only recently that the tiny remaining water-holding possibilities have been wiped out.

Last summer Stefan and I found spawn in some dips within the park where the water only lasted a couple of days, so frogs are still there and trying!

Hopefully we can now have some replacement habitat in place by the next breeding season - a small contribution to, sadly, a big citywide problem.

Julia Squires.

PS – the extra car spaces in question are still unusable when, if ever, it rains - under six inches of water which sits on top of the road fill in the same place for a few days!

PPS The QFS Committee have been notified that the work on this habitat will start soon as BCC has approved the quote for the work.

TOP END TOADBUSTERS SOLUTIONS TO THE CANE TOAD MENACE

A community-based toad eradication program has been launched in the Northern Territory to defend the cities of Darwin and Palmerston from the creeping menace of cane toads.

Started by FrogWatch (North), formerly FrogWatch (NT), the campaign has won significant government support, with a \$422,000 grant over 18 months that will allow it to tackle the cane toad problem on a number of fronts.

The funding will allow FrogWatch to conduct research, raise community awareness, galvanise the public and set traps in the path of the toxic invader.

The ToadBuster Fighting Fund has received a \$10,000 kick-start from the Territory Insurance Office (TIO) and welcome support from local councils and various media outlets, including Darwin's Channel 9 television station and ABC radio.

Community advertising and a weekly 'frog talk' session on local radio have helped raise the profile of the exotic cane toad. Long time FrogWatch coordinator Graeme Sawyer said new designs in cane toad traps had revolutionised the organisation's toad control strategy.

"Our whole effort has been refocused in the past three months due to the huge successes of trial trapping in the field," he said.

Graeme said field tests had shown that a single, relatively inexpensive trap (costing around \$100) could in a few weeks round up most of the toads in a five-acre area, bringing the local resident cane toad population to near zero.

"We know toads travel extensively at night, investigating their environment," he said. "If they see a light they come to it and if they have to push their way through a one-way door into a trap to feed on insects they will."

The NT's Bonrook Station has had a significant cane toad problem over the past two years. But a single trap there recently caught 543 toads over a six-week period, almost wiping out the local population.

The pattern in that test and others in the NT was that a significant number of toads were caught in the first night, half as many the next night then fewer and fewer over the next few weeks.

"After that traps caught just one or two a night and from that we conclude that these traps clear out local populations and then capture new arrivals as they move into the area," Graeme said.

An important feature of the traps is that they do not capture other species, which either aren't attracted inside or can escape through the trap's mesh. The earlier 'pitfall' trap designs captured toads but also trapped other species, meaning volunteers might have to deal with snakes and lizards as well as toads.

"In about 200 nights of trapping we've had no by catch in any of the three cage traps" Graeme said. "Up until these results we thought success in reducing toad populations would rely on people power, through toad musters - going out at night and collecting them by hand."

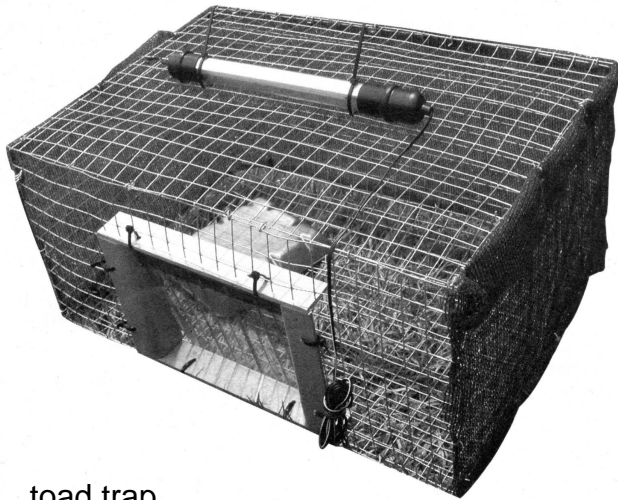
Paul Cowdy

(from "The Web", national newsletter for the Threatened Species Network, Autumn 2005 edition).

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toad trap

COMMENT FROM HARRY HINES on toad-trap article

From the article it appears that the trap works well. I'd support it in principle BUT it needs to be tested in a number of environments and against a range of different species.

If it doesn't catch much other stuff then great BUT it would still be good to have all toads identified by someone with appropriate training and euthanased using an acceptable method.

Maybe some QFS members could setup an experiment to test these in a range of habitats in Queensland? They could collect a whole heap of useful data!! And maybe even have an impact on the toad population without ill effect on the local frogs??

Harry Hines, Queensland Parks and Wildlife Service

NOAHS ARK WILDLIFE COALITION INC.

Noahs Ark is a "not for profit" environmental group. Until recently, our two main activities were Australian Native animals and their well-being, and recycling.

Although we have been around for 18 years, we are new to the Ipswich area.

Recently we were lucky enough to be in a position to purchase 5 acres of land (with a house) at 23 Williams Street East, Woodend, Ipswich.

We are planning to use the Woodend property first and foremost as a BAT SANCTUARY, secondly an environmental base and third but not least, a community base.

Currently we are on site every Tuesday between 9am and 1pm and would welcome any members of your organisations that would like to drop by and have a chat.

Noahs Ark sees "people" as part of the environ-

ment (not apart from it) which prompts us to invite you to contact us should we be able to assist your organisation in any way.

For more information about Noahs Ark please look at our web page at **www.noahsark.org.au**

I can be contacted at any time at 0408 744529 and any Tuesday morning on 3424 5677

Should any of your members be environmentally inclined, have green thumbs or just are looking for something to do, we'd love to hear from them. Coffee is always on!

We will keep your organisation informed of any of our forthcoming functions and what's happening at the Bat Sanctuary. We look forward to meeting you all at one or other of our soon to be happening community get-togethers.

Eva Newman
President

The wonderful colour heading on the Frogsheet has been printed for QFS free of charge by

ASCOT PRINT & DESIGN P/L
Ph 3266 6666

Thanks to Samford.net for hosting our website free of charge.



THE STORY OF BOWMAN CREEK

Once upon a time... a drainage course in Bowman Park, Bardon was heavily modified and the stream channel lined with concrete to form a 'spoon' drain. Before modification this drainage course had formed a temporary creek during periods of substantial rain and provided small pools, suitable for a number of frog species.

About ten years ago QFS made a proposal to BCC to increase frog-breeding opportunities in the park with attention focused on this drain. By 1997, councillors and BCC staff were supporting the concept of removing the 'sterile' concrete drain and creating a more 'natural' stream. Eventually BCC itself undertook the entire cost of the project as part of the city's Healthy Waterways Program.

The first stage of the work began in November 1999 and the second stage, was substantially completed by December 2000. The concrete



was removed and large boulders were placed to provide bank stability whilst smaller rock and gravel formed the creek bed. Additional boulders and logs were used to provide frog perching and shelter sites.

Approximately 3000 plants (comprised of about fifty, mainly locally indigenous species) including representatives of ground cover,

understorey, midstorey and overstorey species, were planted. About 200 members of 14 local community groups carried out planting of the lower section of the restored creek on 26 January 2000. Planting of the upper section took place in November 2000.

Since the project was completed the Great Barred Frog *Mixophyes fasciolatus* has been added to the frog list (Tusked Frog *Adelotus brevis*, Striped Marshfrog *Limnodynastes peronii*, Common Green Treefrog *Litoria caerulea*, Eastern Sedgefrog *L. fallax*, Graceful Treefrog *L. gracilentia*, Stony Creek Frog *L. lesueuri*) making a total of eight frog species (including the introduced toad).

QPWS NatureSearch recorded a *M. fasciolatus* tadpole in the new 'creek' along with a hatchling Saw Shelled Turtle *Elseya latisternum* about one year after completion.

NatureSearch also collected records of dragonflies (Odonata) before and after the work.

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The odonates increased from three species to fourteen species from December 1999 to January 2001. Eastern Water Skinks *Eulamprus quoyii* and Eastern Water Dragons *Physignathus lesueurii* rapidly colonised the rocky banks and now occur throughout the entire length of the new creek. Five of Bowman Park's eight frog species are now breeding in the new 'creek' where none did prior to the removal of the concrete.

(Story outline condensed from Bird and Cain, 1999. 'Bowman Park Frog Habitat Project' in Frogs in the Community: Proc. Brisbane Symposium Feb 1999. QFS. Brisbane.)

BOWMAN PARK WORKING BEES

The site currently has status as a Habitat Brisbane bushcare site and to retain this we must undertake at least 2 working bees a year. All members are invited to come and do a bit of weeding and enjoy a Sausage Sizzle afterwards.

Join us on 15th October & 26th January 2006
- next Australia Day - **our site's 6th birthday!**

Time: 8am to 11am. BYO hand tools and drinks. Contact Jenny on 3366 1868 or at **qldfrogs@bigpond.net.au** to confirm. We will meet in the David Ave. car park.

NEW! SPECIES LISTS ONLINE

The Environmental Protection Agency has just made a web page (called *Wildlife Online*) available on its website for the production of Queensland wildlife (plants and animals) lists.

The address for the Wildlife Online web page is:

<http://www.epa.qld.gov.au/>

[nature_conservation/wildlife/wildlife_online/](http://www.epa.qld.gov.au/nature_conservation/wildlife/wildlife_online/)

This web page allows users to request species lists for protected areas, forestry areas, local government areas and areas defined by the provision of coordinates (i.e. decimal degrees).

When a request is processed a pdf file will be sent to the e-mail address provided.

The requests for species lists for selected areas are processed every 15 minutes.

Requests for species lists for defined areas and defined points are currently processed outside of Agency business hours which are 8.00 am - 6.00 pm EST Monday to Friday.

Frogs

Green, cute

Hop, jump, and swim

Escape from the pond

Croakers

Britannie Wood

Frogs

Silky, Smooth

Hopping, Jumping, Swimming

Frogs are really cool

Camouflage

Brooke Cooper

Cinquain poems by pupils in

class 4/5K Ormeau State School

(if you want to know what a cinquain poem is see
<http://home.vicnet.net.au/~poems/ps/html/cinquain.html>
for an explanation)

Frogs

Green, small

Jumping, leaping, hopping,

Catching flies to survive,

Amphibians

Leanne Chan

CUBBERLA CREEK GREEN CORPS PROJECT

This is a six month project to rehabilitate a waterway in Rainbow Forest. Phil Bird will survey the frog species and frog habitat and will advise the group about the requirements of frogs and appropriate frog-friendly rehabilitation.

SALE SALE SALE

The great little waterproof book "Wet Forest Frogs of SE Qld" by Meyer, Hines and Hero is now **\$5.00 plus \$1.00 postage**. A great Christmas present or stocking filler. See the Order Form.

NEW MEMBERS:

Lennai Coleborn, Lucille, Thomas & Jessica McLaurie, Rosemary & Lachlan Carey, Katharine & Margeaux Bligh, Nichola, Benjamin & Timothy Myatt, Stepanie & Mathew Jantzen, Roddie, Loretta, Mary & Samantha Mineo.

WELCOME !

QFS PUBLIC TRUST FUND

Donations Accepted !

The Queensland Frog Society inc. may receive tax deductible donations of \$2.00 or more, property and bequests. Your donations will assist in research, education and helping to save our frogs. Cheques may be made payable to:

Qld Frog Society Public Trust Fund.

The balance is currently \$5,076.19

HELP!

In her role as secretary Jenny is often asked what a particular frog looks like. Whilst QFS has lots of slides (transparencies) of frogs it would be handy if these were available in digital form. Is there anyone out there with a bit of image processing know-how who would like to scan slides to make a digital photographic collection/database for us? QFS have a scanner. Contact qldfrogs@bigpond.net.au if you can help.

JUNIOR EDITOR

Tiffany Tadpole (Junior Editor, Katie Harris) has grown up and now QFS needs a new editor for the "By the Frog Pond" page for Juniors.

The editor does not need to be a young person - just someone young at heart who would like to put together the page four times a year.

Please contact Jenny on 3366 1868 or qldfrogs@bigpond.net.au

Thankyou Katie, you did a great job!

If undeliverable, return to
Qld Frog Society Inc
PO Box 7017
East Brisbane Qld 4169

Frogsheet - Spring 05
Print Post Approved
PP424022/00619

**SURFACE
MAIL**

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