

PRESIDENT REPORT by Ric Natrass

On behalf of all members, I would like to offer my congratulations and huge thanks to our long time friend Dr Jean-Marc Hero of Griffith University for his stance on the proposed Tugun bypass road. In the Gold Coast Weekend Bulletin of 8-9 December (page 10), Dr Hero is identified as the biologist who undertook the environmental impact study on the area affected by the proposed road. In his report back in 2001 he made it quite clear that the seriously threatened Wallum Sedgefrog was in the path of the road plan.

The recent article in the Weekend Bulletin is headed "Tugun Betrayal – Croaks spark yet another wrangle". The writer appears to be lamenting that fact that five development proposals in NSW and Qld have been altered or abandoned due to the presence of endangered frogs. So what? Australia's vertebrate extinction rate over the past 200 years is the worst in the world. Presently our endangered species list is second only to the United States (and why that doesn't surprise me should be fairly evident \$\$\$) and at the bottom of the article is a quote from Mr Bob Ell of the Cobaki Lakes development who was apparently incredulous at the announcement that an alternative to the proposed road would have to be found. He apparently said "It's a sad backwards step just for the sake of a few frogs". Let's have another look at that. **"It's a sad backwards step just for the sake of a few frogs"!!!** I couldn't help but wonder whether the original spelling of Bob's family name began with an "H". The quotes from Marc in the article are what inspired me to bring the article to members' attention. "I don't have to justify the existence of the frogs or their right to live. I just don't believe humans have the right to eradicate any other animal". Dead bloody right! If you can get the words of Mr (H)Ell out of your mind – try to have a great festive season.

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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



Jan 31- 1 Feb - Cooloola NP
Harry's Hut (31Kms North east of Kin Kin) Bring boat or Canoe and tog's. Ph Rod 3264 6391 or Stefan 3891 6853 for info and bookings.

Feb 28-29

Crows Nest NP (6km east of Crows Nest) Ph Rod 3264 6391 or Stefan 3891 6853

March 7

BCC Green Day at Teralba Park, Mitchelton. QFS Display and sales.

Mar 20-21

Mt. Mee State Forest - Archer Camping ground (60km north west of Brisbane) Ph Rod 3264 6391 or Stefan 3891 6853

April 4

BCC Green Day – Banyo. TBA

May 16

BCC Green Day – Bellbowrie. TBA



New Members

The Queensland Frog Society Inc.
welcomes the following new members:

Leila Ricci, J Laker, St. Dymphna's School, Paul Monsour, Anne Adams and family, Naomi Anastasi & Shirralee Ransley, Nathan Coad, Elaine Robinson, Cherisse Marsh, Phoenix Family.

Coordinators Reports

Caboolture

A friend said to me recently, “Why don’t you ever submit a Coordinator’s Report?”, I replied “because apart from my own back yard pond (more like a river system with three ponds and two waterfalls – I stopped my husband there!), I have nothing else to report!”. I figured who wants to hear about the changing pattern of different species dominating my pond, from the Striped Marshfrog (in the beginning) to the Eastern Sedgefrogs (four years post establishment).

I also figured well everyone knows about these frogs, how the Sedges call at seemingly the hottest time of the day, out of the blue, from street trees and people’s front yards as you walk down the street. This must be a testament to their resourcefulness!

I also figured that people know the sounds of frog calls!

I actually forgot that there are people who live, play and recreate amongst our wetland systems without being able to decipher a frog from a cricket!! I recently experienced this when asked to help the Caboolture Venturers Build a pond! Luckily we didn’t start from scratch, as attempts had been made previously! However it did require sand, rocks, logs, plants and mulch – all of which took 4 people (5 if you count my baby Daughter!) about 2-3 hours. (Big Thanks to my Husband Mark, who is a better designer than me!). The result was a very picturesque pond! – Functional? Only time can tell!

I was happy that I helped build another pond, not only for the frogs, but for the fact I could finally provide a frog coordinator’s report!

So what have I done? Rumbled and mumbled about my own experiences and my backyard! “Typical” I hear those who know me say! Yes! But I can tell you next time how I built it!!!

Thanks

Pauline

Ashgrove

The Tusked, Striped Marsh and Eastern Sedge have been busy in my backyard and, during a couple of days when we had afternoon showers, an Emerald-spotted started calling from a small tree near my big pond. What a surprise – there he was sitting in a small tree near my above ground pond calling away. I am not sure whether he had any success in calling up a lady friend and, as we haven’t had rain since then, I am not sure whether he is still around but he made my day.

Have been trying to see if there are any tadpoles at Bowman Park but the ponds are getting a bit over grown with bulrushes so it is hard to see. Hopefully, in the next newsletter I will be able to report that the big greens are back as I have not heard them around here yet.

Jenny Holdway

Upper Brookfield

My recent observations of frogs around Upper Brookfield most days/evenings are *Litoria gracilentata* and *L. fallax* call, and during rain *L. fallax* can be seen hopping across the roads. *L. caerulea* and *L. peronii* call with the coming of rain, recently *L. dentata* has been calling and found on the windows under the lights. Of course *Bufo marinus* are found throughout with tell tale signs on the roads. Over the coming months of summer possible surveys of the creeks will be conducted.

Phil

People Profile

Welcome to "People Profile". Each edition we will introduce you to some of our hard working, dedicated executives and coordinators and find out a little about them.

Name: Jenny Holdway

Position: Secretary

Live: Ashgrove

Work: 7 days a week volunteer for QFS and Bris. Forest Park

Hobbies: Growing native plants, wildlife and researching my family tree to name a few.

Favourite Food: Olives

Favourite Movie: 'Harvey'

What do you do to relax?: Sit in the forest and listen to the sounds.

What do you like the most about QFS?

Being able to learn so much about our native amphibians as I have and, as our guidelines say, helping others to do the same.

Favourite frog: Tusked Frog

Favourite place: Anywhere in the bush

If you had the power to change anything, what would it be?

Try and stop the majority of the people in the World from destroying the planet.



Cooloola Report

I was very pleased to received a call from Kelvin Nielson, another Cooloola member of the QFS. I was very interested to learn about all the wonderful things Kelvin & family are doing for our environment and would like to share it with you.

Leanne

"COOLOOLA NATURE was established in 1999 by my wife Amelia and myself with the initial purpose of carrying out Fauna Surveys for DNR, Forestry, National Parks, and for private landowners, the results being passed on to NatureSearch and other appropriate authorities.

We have also done some Consultancy work, the most recent being for Cooloola Shire Council in the establishment of Interpretive Signage for the Tin Can Bay Foreshore Bird Walk and Wildflower Walk. We are in the process of establishing a system of Birding Trails throughout the Shire, the "Cooloola Bird Trails".

With our voluntary Nature Surveys, we're working in conjunction with Gympie Landcare and Cooloola Coastcare at sites with volunteers from these organisations, thereby passing on our knowledge to them.

We have a Folder within the Cooloola Coastcare Web Site in which we give regular reports on our Survey activities, and also give regular Nature Talks on a local Radio Station.

COOLOOLA NATURES' motto is "Conservation through Education", and in this light, we have participated in various forms of public education such as Landcare Field Days, Environmental Expos & Library Displays.

Another branch of COOLOOLA NATURE, the "Not For Profit" "COOLOOLA NATURE Education" is taking up much time with projects at a growing number of Schools. So far, Frogs, Freshwater Fish & aquatic Life has been covered, but we have the resources & abilities to cover most other fauna types. These projects consist of in-class & outdoor activities, (Frog Ponds etc), & excursions, the literature & educational material produced & sourced by ourselves being passed on to Students and School Libraries.

We're currently involved in the delivery of three Projects at the Wolvi State Primary School near Gympie. These are a Butterfly House & Garden, a Freshwater Fish Project, & Frog Pond & Habitat, all funded by a succesful Grant Application to the Gaming Community Benefit Fund. Differing from any other School Project we have carried out so far, this will be an ongoing project with many benefits for the Students, as well as the Wolvi and surrounding School communities."

Endangered frog species school project

by Kaitlin Varthas

My name is Kaitlin Varthas and I am a Year 7 student at Sheldon College. I have been asked to tell you a little bit about my school science project in terms of why I chose the topic of Endangered Frog Species and how I went about doing my project. I decided that the best way to show my project topic and to get my message across was to make a video, draw some posters and prepare an information booklet for people to read about my research.

The reasons why I did this was because at Sheldon College we have a Science Fair where all the students have a chance to display and talk about their projects to parents, friends and visitors to the college.

I chose this topic because I was interested in finding out about different frog species because I could no longer hear frogs croaking in the garden or in the creek bed near where I live after rain had fallen. I started to wonder why this was so.

As I started to do my research, I found out that many of our frog species are endangered and are close to becoming extinct. I contacted a number of people, for example, Queensland Museum, the Qld Frog Society and the Frog and Tadpole Society. I was lucky enough to be put in contact with a member of the Frog Society, Dr Phil Bird.

When I went to Dr Bird to interview him for my video, he told me about a rehabilitation site called Bowman Park where the community and the local council worked together to create a new environment. This park was originally a spoon drain but is now a lush site for animals such as frogs, birds, lizards and insects to breed and live in.

I spent some time walking through the site and was amazed at how much it had improved in appearance in such a short time because Dr Bird had shown me some photos of what it had looked like before the construction of the rehabilitation work.

I really enjoyed helping my dad and uncle edit my video using special computer software. I also did a poster on Bowman Park so that people could see all about the site and why it was built. Some of the information and pictures were given to me by Dr Bird.

My information Booklet was prepared so everyone could read all about different frog species, the frog population decline, the future of our frogs, researching the causes of their death, how many frog species we have left in the world and how we can help our threatened frog species.

I also prepared some information cards shaped as frogs that gave interesting information about frogs.

For the Science fair, I also made a creek with lily pads using lots of crepe paper and cardboard with a croaking frog in the middle so when people came to see my project they were greeted by the sounds of the frog.

I really enjoyed doing this science project. I have learnt so much about these amazing creatures and how I can help to save them. But the most interesting information of all is the secrets that frogs have provided our medical researchers in helping to find solutions to human diseases.

Some say that the loss of their habitat has been the major cause for declining frog populations. I found out that this is one of the main reasons but I also learnt that another reason is the Chytrid fungus which some scientists believe has been introduced through our waterways.

In conclusion, the message that I have tried to provide to everyone through my project is to take care of our frog's environment because I believe that the decline of our frog species is telling us that our environment is changing and these special little creatures are the first to be affected. What maybe affecting our frogs now may start to affect other animals in the future.

So as I mention in my video, we can all help by joining an organization, cleaning up our local creeks and taking care of our little frog species because we just may learn a thing or two about our own environment and the different ways frogs may help in finding new ways to cure human diseases.

I was fortunate enough to be awarded a number of prizes from the Science Teacher's Association of Queensland at the 50th Queensland Science Contest held on Saturday 25th October 2003. I was awarded First prize in the Environmental Projects Division 3 (Year 7-8) and a Bursary prize sponsored by the Australian Institute of Environmental Health.

I would like to personally thank Dr Bird for his time and effort in helping me with information and making himself available to be interviewed for my video.

Congratulations to you Kaitlin – and thanks for sharing your project with us. Keep up the great work! Ed.

President's report

We began this past year with the Think Tank meeting at Brisbane Forest Park. From that meeting, it was decided that the management committee should actively seek to represent the concerns of members with regard to specific issues. Three issues were brought to the committee's attention and we represented these issues as we had promised to, that is, in a firm but non-threatening way. In one case the creek 'redevelopment' in Ipswich has resulted in a much better outcome than would have been expected without our input, in the other cases, the juries have yet to decide. In the second and third cases, a proposed marina development in Logan, and a proposed residential development in Pine Rivers, the issues are probably typical of all modern green battles. On one hand, the community is being told that the development is positive, providing employment and wealth creation, on the other, there can be no doubt that the development will have a negative effect on two threatened frog species.

While it seems perfectly logical to us that the frogs should be given priority, there are those who would argue that the impact on the developers will be greater than the impact on the frogs if the developments not approved. The answer is not all that complicated. In fact it is a simple matter of mathematics. The magic number 51. Fifty-one percent of the community. If 51% of the community takes the side of the frogs and makes this position abundantly clear to the elected representatives, either the development will not go ahead, or if it does, the elected representatives may face the electoral selection process and have to find something else to do for a living.

If we continue to believe that the presence of rare and threatened species automatically prevents the destruction of the natural environment, everything, including our precious frogs will lose. Today, I want to ask just two questions. Apart from yourself, how many others in your street are concerned about biodiversity conservation? How many others in your street are actively involved in an even vaguely green group? When the answer to those questions is 51% or greater, we're home and hosed.

I thank my committee members for all their efforts in the past 12 months and all members for their continued support.

Ric Natrass.

Secretary's Report

Thank you to the members who have continued to support the Society and its work. The membership stands at approx. 190 financial members with renewals still coming in. I do sincerely hope that the increase in membership has not discouraged members to renew but, due to the rise in costs, this was inevitable.

Our display is in demand with a lot of organisations and is always busy with questions from the public.

This year, our Frogs in you Garden brochure was updated and I am sure that the vital information regarding our native frogs will travel far as the brochure is very popular. Articles in the local and state press is also a vital way to inform the public. The Society's phone and email address is always busy which indicates the public is more aware of what their role can be in the preservation of frogs.

Talks at Pre School through to High Schools continue and the bookings for the next 12 months have already started. Environmental education is a part of all schools and to be able to give the future adults the right information hopefully will benefit the frogs. Talks are also given to Garden Clubs, other Environmental groups, other children groups such as Girl Guides and we continue to hold ID workshops.

Thank you the members who have taken on the role as area co-ordinators. "What is happening in your area" is of great value to the Society.

Continued page 11



Girraween camp out

A small group of froggers spent the weekend of the 18th - 19th October at the Castle Rock campsite in Girraween National Park.

The first time since I have been visiting Girraween, we managed to count 9 different frog species. All with a very good result. A couple of weeks ago the park received 6 inches of rainfall. Most abundant was the Grey Bellied Pobblebonk. Other species like Stony Creek Frog, Eastern Sedge frog, Striped Marshfrog, Clicking and Beeping Froglets, Emerald Spotted Treefrog, Broad Palmed Rocketfrog, Ruddy Treefrog (Naked tree frog) and Eastern Gungan were all seen. Unfortunately we were unable to find the elusive New England Treefrog despite searching a previously recorded habitat area.

Mark Sanders delighted us with his great find of a large Bandy bandy snake, and the endemic Leaf tailed gecko. Throughout the rest of the day many Eastern water skinks and Eastern water dragons could be seen basking on those massive boulders. Still wondering about those little fishes we found in one of the rock pools.

For plant enthusiastic people there were lots of Grass trigger plants along the roads standing proud with their tresses of pink flowers. Most of the wild flowers were out - an amazing experience.

Goomburra Camp out

The camp for November, held on the weekend of 15th - 16th, was based at Goomburra National Park which sadly, unlike Girraween, has not had any recent rain. The Dalrymple Creek was as low as I have ever seen it - a few small pools remained but almost no flow.

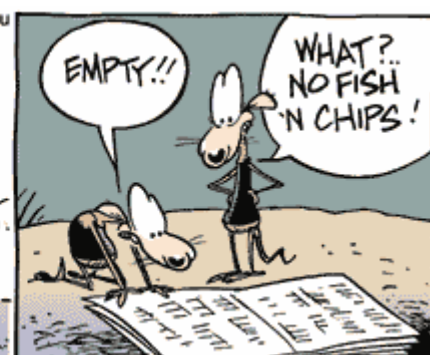
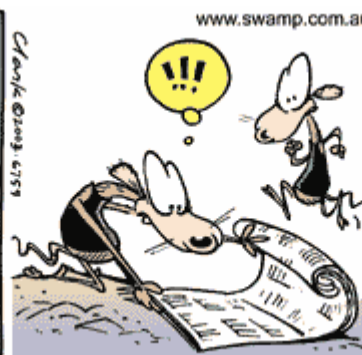
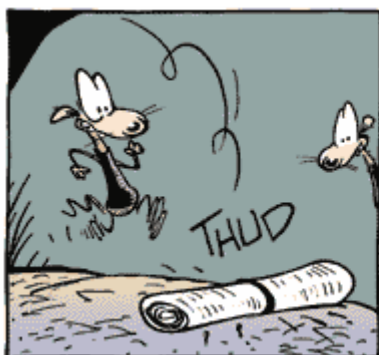
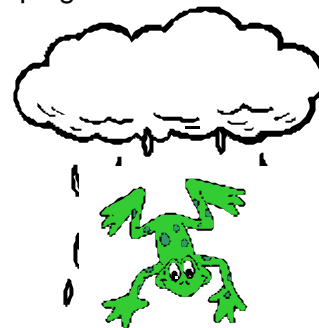
Well frogs! We counted only three within the NP boundaries. Always active it's the elusive Red and Yellow Mountainfrog, in its preferred steep wet rainforest spinach habitat he calls from deep in the mud.

One single Great Barred Frog was seen and heard, and a few Stony Creek Frogs hopping on the dry creek bed.

A short drive away, a permanent soak added a few more frog species to our short list.

Emerald Spotted Treefrog, Broad Palmed Rocketfrog, Striped Marshfrog. Six Cascade Treefrogs were seen and heard on a near by rocky, dry creek bed.

We are hoping for rain!



Secretary's Snippets

BOOK REPORT



'A Guide to Stream-dwelling Frogs of the Wet Tropics Rainforest' by Jean-Marc Hero and Sheree Fickling.

First printed 1994 – reprinted 1997.

This waterproof booklet summaries current knowledge about the stream-dwelling frogs of the Wet Tropics rainforests of north eastern Queensland. The species herein, breed in or adjacent to streams however, many other species occur in the wet tropics biogeographic region.

This booklet covers 8 *Litoria* species such as: *Litoria lorica*, *nannotis*, *revelata*, *Mixophyes schevilli*, *Taudactylus acutirostris* & *rheophilus* & *Rana daemeli*.

There are good colour photos in the centre of the booklet with a 2 page check list at the back for when you got out frogging.

The guide is the same size and price as Meyer, Hines and Hero's 'Wet Forest Frogs of S E Qld' which we sell.

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 wonderful colour heading on the Frogsheet has been printed for QFS free of costs by
ASCOT PRINT & DESIGN P/L
Phone 3266 6666*

Websites

One of our local Naturalists & Photographers, Robert Ashdown. Spectacular shots of various wildlife and scenery from Carnarvon NP, the Cooper Creek in flood and Moreton Bay.
www.robertashdown.com

Experience the wonders of the Cooloola region at this informative, colourful website.
cooloolacoastcare.org.au

QFS Trust Fund Balance stands at \$4,581.99



Thank you to: Judith MacKinnon, Pearl Symonds, Cecily Farnley, Ann Batt, Mr & Mrs Callaghan, 2nd Capalaba Adventure Guides and James Hansen.

Need some ideas for Christmas Gifts?



QFS T-Shirt for the child/ren. Not only will they look cool, but they can be spreading the word to piers about how cool our frogs are too! Only \$17 for members.



Frog Society Membership for family or friend. Not just great reading - you'll also be helping in the conservation of our wonderful native frogs. Only \$15 or \$7.50 jnrs



Books! We have lots of those! Great for the coffee table and whilst out frogging in the coming summer rains (even water proof to suit) Check the Order form for our selection.

Check our order form for more great ideas.....

by Pearl Symonds

Last issue of Frogsheet, we learnt to recognize some of the more specific signs of a sick or dead frog. Now we will run through the most commonly reported diseases and the syndromes or group of similar clinical signs they cause.

Parasitic/Protozoal: Frogs are an integral part of the food chain and have been around for a very long time, therefore it does not seem surprising that they are a frequent intermediate host for parasites. An intermediate host is one that carries an immature form of worm, insect or single celled animal (protozoa) and passes that on when they are eaten. The immature parasite then completes its' life cycle by laying eggs/ reproducing in the primary host- the one that just got a bellyful of frog. Many of these immature parasite forms are well adapted to the frog host meaning that they cause little harm. They often secrete themselves away in various tissues even the nervous tissues of the brain and spinal cord, walled of by the hosts immune cells. Of note though, are a number of parasites that may cause significant enough changes in the frog to render them ill. Becoming overloaded with parasites, gaining parasites that belong to another species or developing a disease from other causes will lead to excessive tissue damage and illness.

Sparganosis, is diagnosed a lot in the North Queensland frogs, so far I do not think we have found large numbers here in SEQ. Though one study (1963) showed that 25% of Green tree frogs in the Brisbane region were affected. The primary host is the dog, cat or fox, the fox being the main culprit, and the adult tapeworm is a *Spirometra*. Tadpoles and adult frogs will pick up a younger version of this tapeworm which is water borne and has passed the previous life stage in a tiny crustacean called a copepod, the copepod may be ingested deliberately or by accident in infected water. Here it migrates to the tissues under the skin of a number of intermediate hosts and waits to be eaten by a fox, cat or dog (see figure below). Snakes suffer the same problem, and like the snake the sick frog will be found to have several lumps under the skin. The spargana, which is what the tapeworm is called at this stage can secrete enzymes that ulcerate the skin and release the adult parasite. Many healthy looking frogs can be quite riddled with these, and there may be some point where it becomes harmful, certainly where there is ulceration, infections from fungi and bacteria occur.

As you can see by the diagram, intermediate hosts by predation on one another can swap sparganum back and forth, humans not only get these immature tapeworm by eating poorly cooked pig meat or drinking infected copepods, but there have been cases where raw meat/ frogs have been used to treat an open wound. If anything this disease highlights the need to clean up after your pet pooches/ cats as the eggs in the faeces can gain access to the waterways and our wildlife.

Another parasite of note is **myxosporidia**, this is a protozoal/single celled parasite, there is so far only one species found in Australia, and its' complete life cycle is unknown. It causes liver disease and may be a cause for thin or emaciated individuals. A survey of skinny green tree frogs (*L caerulea*) in the Rockhampton region showed that 17 of 52 individuals were infected with this parasite. It lives in the bile ducts and can cause what we call fibrosis-increased fibrous tissue laid down in the liver and interrupting its' normal function. Of interest is that it has been found in cane toads as have a number of other diseases. It seems that a whole ecosystem of microscopic organisms was also introduced with the cane toad!

Lastly frogs and their tadpoles are intermediate hosts of another tapeworm, possibly of the family **echinostoma**, of which the primary hosts are either chickens or water fowl. Large numbers of Mixophyes tadpoles covered in white nodules containing the immature encysted form have been found in the Eungella region. It would be of interest if anyone else has seen anything similar, very little research has been done on the Australian forms of this parasite. Whitespot/ Ich may look the same but is not nodular and only seen in captive situations.

Over the years a number of parasites have been found in frogs, and frogs of course can be the primary hosts for a number of their own. I will not go into the details here but they are often found during post mortems and are usually not considered a cause of death. We have only scratched the surface of parasite relationships between frogs and other hosts in Australia, if you want to know more look up the Amphibian diseases website. There is an entire book dedicated to the parasites of well known laboratory frog species of North America, for example *Rana pipiens* and *R temporaria*, up to 20 million frogs per year were used in the 70's! One of these parasites has recently been discovered to cause the multiple leg syndrome that for year's concerned people that frogs may have been subjected to mutagenic toxins. The intermediate stage of the parasite in this case a fluke that infects Garter snakes burrows and encysts in the limb buds thus causing them to cleave. There is still some controversy over this explanation, as it only explains a few cases, if you want to know more about it just look up "deformed frogs "on the internet.

Next issue I will discuss bacterial and viral diseases of frogs.

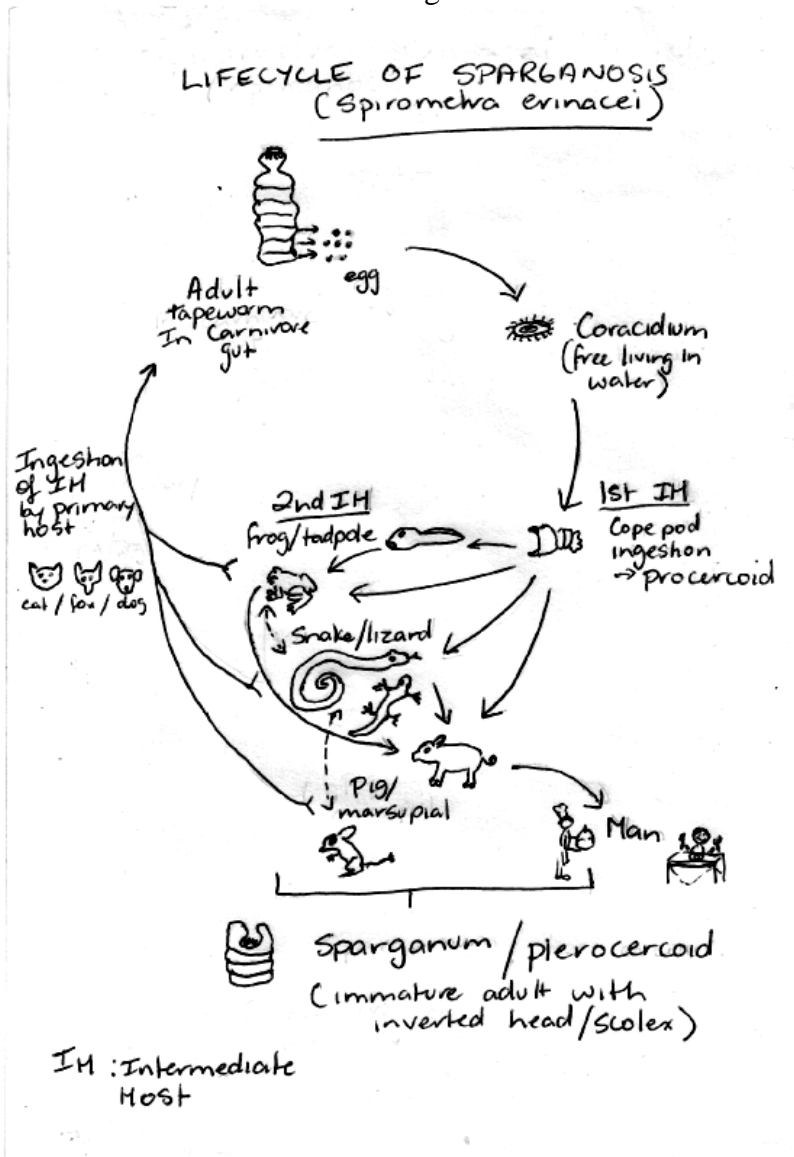


Figure 1: It is very hard to find a picture of the lifecycle in the texts so I have drawn one.

We must thank Jenny Clarke for her great work in producing the Frogsheet for the past few years. Jenny had to retire from this voluntary job due to work commitments but we welcome Leanne Marshall back to the position. Thank you Leanne as the Frogsheet is one of the most important aspect of the Society. Thank you again to Neil McNaught of Ascot Print and Design for donating our front page which gives it a bit of class. Our appreciation for the work that Rod Pattison, Karen Tibbits, Verdun Park and Wendy Morris should also be noted.

First, Thank you to Karen Tibbits for stepping into the Treasurer's position. No doubt the coming year will be as busy as the last and I am sure the new committee will continue the good work. This is my 6th year as Secretary and I have seen many changes, mostly good, and I wish to thank the out going committee for their help and commitment during the year.

Jenny Holdway
Hon. Secretary.



Members & Committee enjoyed the day at Bris Koala Park for the AGM in September.

Central Queensland

Although warm weather and storms in the district have brought frogs out of hiding, there doesn't appear to be much activity. Hopefully some decent rain and action will come our way soon.

Central Queensland Frog Searches are happening again with Eungella from 20th to 26th January 2004 and Kroombit from 15th to 21st February 2004. Any interested persons should contact John Clarke (QPWS Rockhampton) John.Clarke@epa.qld.gov.au

Thank you, Dearne Mayer from the Research Services Office at Central Queensland University (Rockhampton) who has kindly donated just over \$100.00 to the Trust fund.

Wishing you all a fun frog season.

Jodi

Over the year, I visit many schools to talk about frogs to mainly primary aged students.

Early in the year, I was invited to talk to students completing a leadership course at Numinbah Valley Environmental Education Centre. The students asked many relevant questions and we also discussed what they could do in their schools.

One school, Waterford State School resolved to resurrect an old pond within the school grounds and we were able to discuss the steps they needed to take with this project. The Waterford State School Student Council have since become a member of QFS and last week, I visited the school (after being invited) to see how the pond was fairing. My 85 year old English cousin and I were met and escorted to where the pond was situated, within the Butterfly Garden. There were tadpoles aplenty and at a guess, I would say there were Striped Marsh and Eastern Sedge as their teacher, Mr Crosby, told me they were the frogs he had heard. We discussed the health of the water, plants required, evaporation during the holiday etc.

This school has other special gardens such as Rainforest, Native Foods etc and the Student Council proudly showed my cousin and I right around the school including the original 'One Teacher' building and their war memorial garden and plaque.

I was so impressed by the way these students conducted themselves and made us so welcome by their enthusiasm, I felt I would like to share this.

QFS wishes these students well as they go into High School next year and hope they can pass on their enthusiasm for the environment.

Jenny



*The Qld Frog Society wishes you all a very merry
Christmas and a hoppy and safe new year*



If undeliverable, return to
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