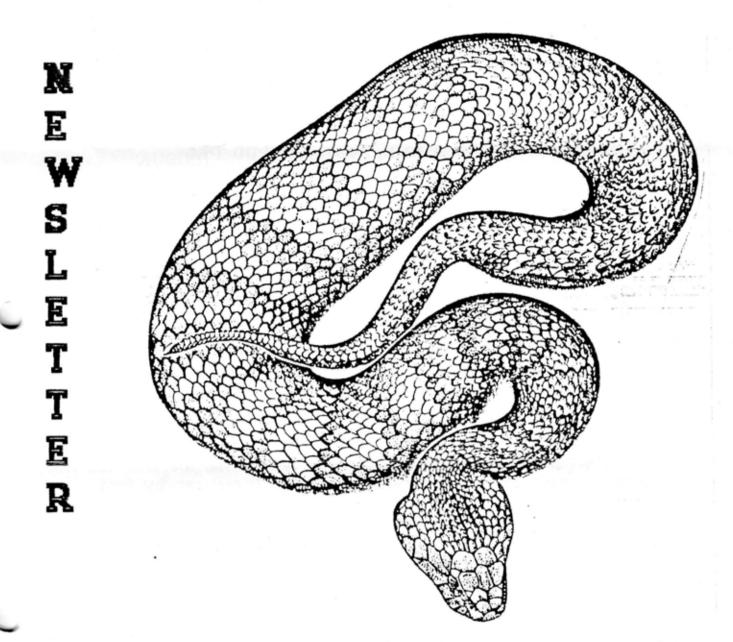
### ACT HERPETOLOGICAL ASSOC.



### **APRIL, 1987**

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### EDITOR'S REPORT

#### NEXT MEETING :

At the last meeting of the ACT Herpetological Association it was decided to elect a committee and to charge an annual membership fee.

The next meeting will be on :-

### THURSDAY, 23RD APRIL, 1987 AT 7:00 PM

The business meeting will start at 7:00 pm and the general meeting and talk will start at 8:00 pm.

The business meeting should only be attended by those people wishing to be nominated and elected to act on the committee. Positions likely to be elected are - President, Secretary/Editor, and Treasurer.

#### MEMBERSHIP FEES:

It has become necessary to charge an annual membership fee to cover printing and postage costs. The fee will be \$5.00 for an adult member and \$2.00 for students and pensioners. These fees will become due from 1st July, 1987. A subscription form will be included with the July Newsletter and your membership fee may be paid at the meeting or forwarded to the Treasurer by post.

#### TALK FOR NEXT MEETING:

Dr. Arthur Georges, who was unable to give his scheduled talk for the last meeting, will now give his talk on "The Warradjan -Australia's Most Unusual Turtle" at the next meeting on April 23rd.

I would like to thank Mr. Hank Jenkins for giving his excellent and informative talk on relocating crododiles in the Northern Teritory, at such short notice last month. Thanks again, Hank.



#### PROGRAM FOR THE YEAR :

We have decided to hold our meetings on alternate 4th Wednesday and Thursday nights to allow as many members as possible to attend. To avoid confusion I have prepared the following program for the rest of the year:-

APRIL	~	THURSDAY	23RD
MAY	-	WEDNESDAY	27TH
JUNE	-	THURSDAY	25TH
JULY	-	WEDNESDAY	22ND
AUGUST	-	THURSDAY	27TH
SEPTEMBER	-	WEDNESDAY	23RD
OCTOBER	-	THURSDAY	22ND
NOVEMBER	-	WEDNESDAY	25TH
DECEMBER	-	3RD THURSDAY	17TH

#### ATTENDANCE BOOK:

From our next meeting an attendance book will be passed around. This will give an idea of how many people attend our meetings. Please help by making sure you sign the book during the course of the evening.

Hope to see a good attendance at the next meeting when we will be electing our committee.

(SUE TUDOR)

Acting Secretary/Editor

35 Elrington Street BRAIDWOOD NSW 2622 Phone : (work) 801617

(home) 048/422438

☐ Just snaked out



He's called Pye, but as he's deaf he doesn't answer to it. Nor does he talk, but he's very active in the depths of the night and eats only mice. He is two metres long, very slim and prettily patterned in lemon yellow, olive green, navy blue and dark brown and antiquarian bookseller Penelope Horn is worried witless that someone may harm him because he's a snake. In fact, Pye is a gentle North Queensland carpet python lost, stolen or strayed from Childers Street, North Adelaide. Mrs Horn, (223 5066, a.h. 267 1558) has cherished Pye for 16 years and says he's vulnerable to cars, cats, humans and ... she's bereft without him.

### ☐ Snake's alive

PYE, the missing North Queensland carpet python, has been found — secreted within the ventilation system of a clothes dryer next door to his North Adelaide home. His relieved owner, Penelope Horn, has offered her neighbors a reward — dinner at the Snake Charmer restaurant.

### The Canberra Times

Friday, March 27, 1987

Picture: MARTIN JONES

Paul Scanlan, 13, of Red Hill, a keen amateur herpetologist, with two of his blue-tongue lizards yesterday. He discovered a two-headed lizard among some new-borns on Saturday [See Paspalum Place. — Page 2].

One of our junior members, Paul Scanlan, of Red Hill, made an exciting find i his lizard enclosure a few weeks ago. One of his Common Blue Tongue lizards gave birth to a litter of 8 babies, one of which has two heads and five legs.

For those who missed the article in the Canberra Times I have copied it on the opposite page.

-ENSIPALIMITERSAL-

By IAN WARDEN

Friday, March 27, 1987

ent camperra cimes

# Iwo heads (and two blue tongues not necessarily better than one

believe it!" Paul Scanlan told me yesterday, thinking back to a bizarre discovery he had made in his back yard on Saturday. ■ JUST blinked and blinked again. I couldn't

on his saurischian charges in their cage, he found that one common blue-tongue lizard, Tiliqua scin-coides, was giving birth. He did a little lizard occasional infant. tongue parents have been known to dine on the later in the day found that some more had been born, including one which, because it was lying at some two years. On Saturday, going out to check a funny angle he feared might be dead, since bluemidwifery at the time but, returning to the cage keeping bluetongue lizards at his Red Hill home for Paul, 13, is a keen herpetologist and has been

and that it was watching him with all four eyes. This lizard had two heads. No wonder its owner blinked Picking it up he found that the lizard was alive

greeted the news with some scepticism and even a little ennui. When I heard of it on Wednesday morning

Araldited to its shoulders. I think it is not commonare approaching All Fools' Day and it occurred to kind suspected by those sceptics. dry portions of a duck and a rat. I thought the twohad cobbled together, with invisible stitching, sunbe real and imagined that some artful seamstress ly known that when the first duck-billed platypus orthodox lizard with a second head cunningly when I got to see it, I would find that it was an me that the beast either did not exist at all or that, headed lizard was likely to be a contrivance of the zoologists refused to believe that such a thing could was sent from Australia to Europe several learned The scepticism had to do with the fact that we

might have anticipated a glimpse of this novel anticipation with which, say, our court reporter faced reptiles, and so did not throb with the mentary reporter I am quite used to looking at twosomething to do with the fact that as a parlia-The ennui, which was only temporary, had



The blue-tongue monster, committee decision on which way to go

at a meeting, on Thursday night, of the Canberra two heads are another (or perhaps two others).

The lizard, fed on milk, moves the two heads Herpetological Association, all ennui was dispelled I wo faces are one thing (or perhaps two things) but And yet, having sallied forth to see the monster

quite independently with two blue tongues darting

legs of the right-hand side and vice versa, so that "one [head] usually wants to go one way and one brain in the right-hand head seemed to move the at different times. Paul told me that from his observations the

> usually wants to go the other". (The lizard, incidentally, has a fifth leg, but it projects out of the shoulders between the heads and plays no part in locomotion.) On Thursday night the lizard would scuttle to

one leg on each side of a tree. Progress was a novice skier who has contrived to fall down with impossible. was then quite stuck with the right jaw of the leftthe right-hand head similarly pressed, rather like hand head pressed to the wall and the left jaw of the wall of its container, a large plastic bowl, but

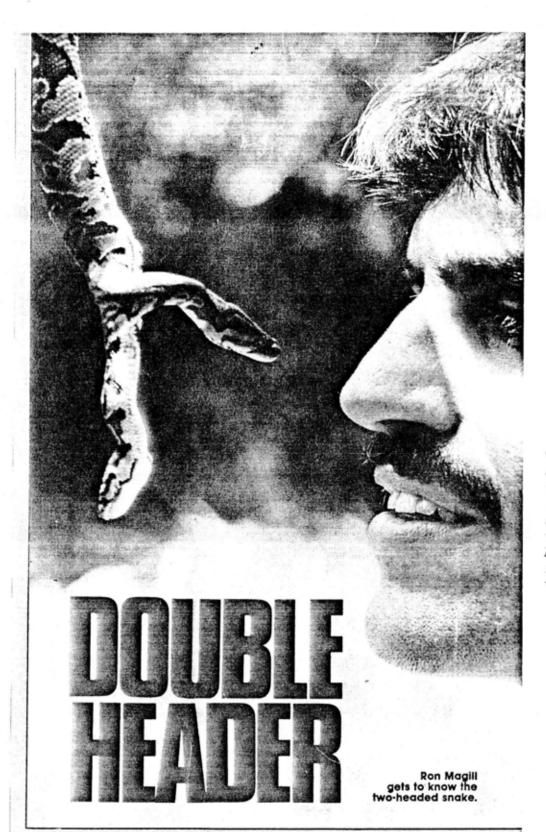
> Paul's father told me that he was not overjoyed by having the creature on his premises because "it's lizards living for up to 21 years in captivity. announcement that he had heard of bluetongue bit macabre," He blanched at Paul's cheerful

mother on the Saturday. The others are quite normal and are a good deal bigger and a lot less confused than their bicephalous brother, who, it occurs to me, would be an ideal mascot for the contemporary Liberal Party, divided as it is into "wets" and "dries" and inclined to try to move in two conflicting directions at once. The monster is one of eight babies born to the

extra excitement was added to Paul's weekend when another common bluetongue lizard gave birth to another clutch, this time of hybrids resulting from a meaningful interface with another species The day after the aforementioned births some

tion, let alone when those limbs require a kind of conference first and then a coalition-style degree of two or three in 30 years of ogling reptiles. More are born than are seen, of course, since some must cooperation. Even Paul's seems unlikely to live for be born in the wild but do not live for long. It is of in our philosophy. destined to have problems which are not dreamed indulges it, because it is small and frail and seems 21 years, even if the Liberal Party adopts it and when all of your limbs instantly agree on a destinahard enough to run for shelter from a kookaburra lizard were quite rare and that he had seen only Herpetologist Dr Richard Longmore told me yesterday that genetic freaks like the two-headed

at the Australian National University. It will in-terest herpetologists to see the interior design of the include some investigations, including some x-rays, The lizard's immediate future will probably



To follow up the article about Paul Scanlan's two headed lizard, here is another bizarre story, this time of a two headed Python in America, which appeared in "People" magazine two years ago.

HERE'S A snake Miami, Florida, that could well head off in two directions at once.

In fact, the ball python is really a "bi-thon" — it has two heads.

Named Medusa, the rare snake was a gift from Ghana for Mario Tabraue, the owner of a Miami rare-reptile import company. He says he has never seen anything like it.

A Miami zoo animal handler, Ron Magill, is also impressed.

"This is really bizarre. I've never in my life seen anything like this," he said, as he let Medusa (sex unknown) coil its two heads around his thumb like the caduceus, the symbol of the medial profession.

He thinks Medusa, about two months' old, is probably a Siamese snake. Both heads have been seen to eat mice, and there seem to be two sets of internal organs. He is planning to X-ray the snake to check.

Medusa measures less than 30cm, but could grow up to 1.2m.

PO BOX 88 BUNGENDORE NSW 2622

VETERINARY REPORT ON A CHILDRENS PYTHON WHICH SWALLOWED A STONE

BY HONEY PYNER B.V.Sc (Hons)

A young Childrens Python (Liasis Childreni) aged about 9 months was presented for examination with two problems.

Firstly she was undersized for her age, being about 12 inches long rather than an ideal 18 inches; she had shed only twice since acquisition 7 months previously, and then only in patches.

Her habit was to refuse all food except skinks, which may have contributed to a recurrent parasite problem despite regular worming. The familiar problem of captivity stress possibly played a part.

We also considered chronic low-grade dehydration, as a small snake has a very large surface area in relation to body mass, and is far more subject to dehydration than the larger animal. Increased humidification of cage and foliage was recommended.

Her second problem was an interesting large bulge about one third of her length from the head, apparently appearing suddenly, about a month previously. It was clearly a foreign object in her stomach, and x-ray revealed what was almost certainly a flattish stone about 0.75 cm across. It seemed relatively painless, though the snake had to slightly accommodate her movements to its mass.

It was obviously far too large to remove by medical means such as a dose of paraffin oil; and there was a risk in leaving her to grow, as it was likely to pass prematurely from the stomach and cause an acute intestinal obstruction. Surgical removal was indicated.

The snake was anaesthetised with its head in a closed box with oxygen, halothane and nitrous oxide, and a small inverted L-Block with local anaesthetic placed around the surgical site in case of premature waking. A paramedian body wall incision allowed complete exteriorisation of the stomach; the stone was removed, and the stomach and body wall repaired with 6.0 silk sutures. The snake was weighed (10 gms) and given 0.02 ml Chloramiphenicol IM into the tail, and 0.01 ml Penbritin intraperitoneally.

To our great disappointment Lacey did not recover consciousness, and soon after surgery stopped her slow breathing and died. This I ascribe to any one or combination of several factors:-

- (b) There was evidence of inflammation of the stomach wall and abdominal cavity lining, contributing to "surgical shock".
- (c) The minute scale of the operation demanded an extreme delicacy which was difficult to achieve with normal surgical instruments – however I would not hesitate to do it again.
- (d) The question of anaesthesia. It is very easy to manipulate depth of anaesthesia in a closed box, using variable concentration and flow rate. However, it is very difficult to monitor depth of anaesthesia. In mammals we can count on the fairly rapid rate of breathing to "blow off" excess halothane quickly from the lungs; an anaesthetised snake however breathes very slowly, and retains a breath in the lungs for a lengthy period of time. Thus even when anaesthesia is removed, if the snake has had a little too much, it cannot simply blow it off and surface quickly.

In retrospect, three useful considerations arose from the experience :-

- Beware of small smooth stones in cages. Soft detritus and bark may make a safer environment.
- If your snake has a funny look have it checked over quickly, before gastritis or peritonitis has set in.
- I think with such a small snake (ten grams!), in future I would use a minutely measured dose of Ketamine intramuscularly for anaesthesia, rather than Halothane. The advantage of Halothane is rapid recovery of consciousness, as compared to a lengthy period of anxiety with Ketamine. But slow recovery has to be better than the risk of no recovery.

Lastly, I would not hesitate to try such an operation again. The actual surgery, though rather microscopic, was tidy and not difficult to accomplish. Success may come more easily with a healthier patient, and minutely measured anaesthesia.

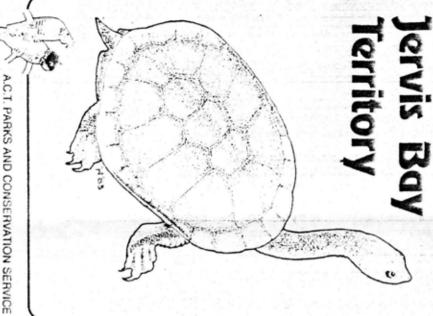
(Signed) Honey Pyner

23 March, 1987



Department of Territories and Local Government

## protection



## Nature Conservation Ordinance 1980

vation of animals and plants in the ACT and Jervis Bay ACT wildlife protection legislation and provides for the conser-The Nature Conservation Ordinance 1980 replaces previous The Ordinance is administered by the ACT Parks and Conser lishing nature reserves. Territory, including the protection of habitat and for estab-

Government, under the direction of the Conservator of Wildlife vation Service within the Department of Territories and Local

the special provisions relating to the protection and keeping of animals. Additional information on matters not included in Bookshop, Alinga Street, Canberra City. obtained from the Australian Government Publishing Service this leaflet can be found in the Ordinance. Copies may be animals, taking and killing native flora and fauna and issue of The legislation covers import, export, keeping and dealing in permits and licences for these activities. This leaflet outlines

## Taking Protected Animal Wildlife

subject to a number of conditions. There is a special provision It is an offence to take, capture, trap or kill Australian native constitutes a danger to a person relating to situations where a native animal may be killed it it permit will be issued only for scientific purposes and is animals in the ACT or Jervis Bay Territory without a permit (This includes native animals listed in TABLE 1). Usually a

## Injured and Orphaned Native Animals

Parks and Conservation Service (telephone 46 2308) orphaned joeys normally will not be issued. Injured kangaroos wallables and orphaned joeys should be referred to the ACT Permits to keep kangaroos or wallabies as pets or to raise

Foundation by telephoning 80 4537 (24-hour service). relating to animals in need of care can be directed to the injured native animals for eventual return to the wild. Inquiries ised by the Department to care for and raise other sick and The Wildlife Foundation (ACT) Incorporated has been author

actions. help and that its plight will not be adversely affected by your need of attention, that you are in a position to give realistic assistance to a wild animal make quite certain that it is in taken. A permit is required to keep animals taken under these conditions for longer periods. However, before offering provided that they are released within two days in familiar surroundings within 500m of the place where they were In an emergency, animals may be treated by the finder



## **Keeping Animals**

reptiles and amphibians. A permit is required to keep most animals including birds

not listed in Table 1. in Table 1. Permits may be obtained free of charge from the native animals are exempt from this requirement as detailed Most commonly kept introduced animals and a few species of Conservator of Wildlife and must be obtained for all animals

animal as shown in Table 1. specimens or any part of an animal unless it is an exempt aviculturalists and authorised fauna dealers. A permit or However, they may be purchased from licensed pet shops amphibians from the wild in the ACT and Jervis Bay Territory It is an offence to take native mammals, birds, reptiles and licence is required to keep or sell eggs, skins, mounted

## Table 1. Exempt Animals for which a 'Permit to Keep' is not Required

## Domestic Animals

Dogs (To be registered under the Dog Control Ordinance 1975)

Guinea pigs

White mice and rats (laboratory varieties)

Stock (Defined in Stock Ordinance 1934) including sheep cattle, horses, goats, asses, mules, swine

## Introduced Birds

	Po	C	Q		P		P	m		P	P	PC
Columba livia)	Poultry (includes Domestic pigeon	California quail	Common quail	pheasants)	Pheasant (includes Green and Ringneck	Lady Amherst's)	Pheasant (includes Golden pheasant and	European gold finch Carduelis carduelis	partridge)	Partridge (includes European	Partridge (includes Chukas)	Peach-faced love-bird
		Lophortyx californicus		Phasianus — all species	n and Ringneck	Lady Amherst's) Chrysolophus — all species	en pheasant and	Card			as) Alectoris	Agapo
Domestic varieties	South Prince	yx californicus	Coturnix coturnix	- all species		<ul> <li>all species</li> </ul>		uelis carduelis	Perdix - all species		Alectoris - all species	. Agapornis roseicollis

## Australian Native Birds

Leola IIICh	•	:			:				- 1			Zeora inich				Sold linen
ymphicus hollandicu	-			:				- :								ockatiel
Budgerygah Melopsittacus undulatus	3		 			100										udgerygah
Coturnix chinens		:					٠	-		:			:		:	ng quail .
Galah Cacatua roseicapilla				4					-							alah

Marbled gecko
---------------

rog g

...... Pseudophryne corroboree

### Sale of Animals

It is an offence to sell animals (except those exempt in Table 1 above) without first obtaining a permit or licence. These are issued in several categories and the appropriate authorisation required is outlined as follows:

PERMIT TO SELL -

no charge authorises sale of 5 or fewer animals. ICENCE A -

Foe \$5.00 authorises sale of 10 or fewer animals

authorises sale of between LICENCE B -

Fee \$10 Fee \$50.00 100 animals ..... authorises sale of more than 11 and 100 animals ..... LICENCE C -

All permits and licences to sell animals are valid for a twelve month period from 1 July to 30 June

Permits and licences authorise the sale of lawfully held animals purchasers holding permits to keep animals. It is the responsibility of the purchasers of any animal except those exempted under Table, 1 to obtain a permit to keep. 9

## Import and Export of Animals

from, the ACT, any animal (except those exempt under Table A permit (free of charge) is required to import into, or export and this must be obtained in advance. However, when the importation or exportation is for the purpose of sale or trade a icence is required and a fee is prescribed.

by the Conservator of Wildlife, It is necessary to apply for a the constanment and the place at which the animals may be When exporting animals from the ACT the wildlife authority in the receiving State or Territory must first issue the appropriate permit well in advance of the date of departure. In addition a Permits and licences are issued subject to the approval of the import authorisation before an export authority will be issued ficerice holder who imports animals is required to notify the Conservator of Wildlife within 24 hours of import or receipt of under licence, a certificate of compliance stating that the relevant authority in the State or Territory of import or export. inspected. After importation, where animals are to be sold animals are fit for sale must be obtained from the Conservator before the animals can be sold. A licence holder who exports animals is required to notify the Conservator at least 48 hours prior to the proposed day of

## **Export of Animals Overseas**

Export of animals to destinations overseas is regulated by the Wildlife Protection (Regulation of Exports and Imports) Act.

nquiries concerning overseas export of all animals, skins; eathers, horns, shells and other parts of animals should be made to:

Australian National Parks and Wildlife Service Canberra ACT 2601 GPO Box 636 Director

Attention: Wildlife Protection Section

Telephone (062) 46 6414

Prior to obtaining an overseas export permit, a permit art an animal from the Australian Capital Territory must ained from the Conservator of Wildlife.

## Renewal of Permits and Licences

Permits and licences to keep and sell animals expire on 30 June each year. It is the responsibility of the permit or licence holder to reapply in writing prior to this date. Applications for renewal of permits and licences must be accompanied by such information as specified on the permit

### Record Books

Records are required to be maintained in the official Record Book by the following persons -

- holders of all licences relating to animals
- holders of permits who keep more than 5 animals (except animals, refer Table 1 above)
- holders of permits who keep one or more restricted animal wildlife (refer Table 2, below).

This book is supplied with the original licence or permit and must record any addition to or deletion from the animal stock including all sales, purchases, exchanges, births, deaths, mports and exports. The Record Book should be kept in a safe place and kept up to date at all times. Loss of the Record Book should be

Restricted animal wildlife are listed in Table 2 and are those species which are rare, endangered or otherwise considered to require special conservation measures. It is therefore a requirement of permits and licences relating to these species reported to the Conservator of Wildlife immediately. that records be maintained for every individual.

## Table 2. Restricted Animal Wildlife

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9	Ξ		
٤	3		
2	2		¢

Major Mitchell's cockatoo ...... Cacatua leadbeateri Cacatua tenuirostris Callocephalon fimbriatum Calyptorhynchus - all species .... Eclectus roratus Orange-bellied parrot ...... Neophema chrysogaster ...... Opopsitta – all species Ground pairot ..... Pezoporus wallicus ..... Platycercus venustus Canis familiaris dingo Barnardius barnardi macqillivravi ..... Platycercus caledonicus Long-billed corella ..... Black cockatoo ..... Gang-gang cockatoo ..... Cloncurry parrot ..... ig parrol ..... Eclectus parrot ..... Golden-shouldered Northern rosella Green rosella Oingo ..

Hooded parrot ...... Psephotus chrysopterygius dissimilis parrot ... Psephotus chrysopterygius chrysopterygius Naretha blue bonnet.... Psephotus haematogaster narethae ..... Psephotus pulcherrimus Paradise parrot .....

Reptiles Boas ...

Boidae -- all species

## Where to Obtain Permits and Licences

Application forms for permits and licences are available from:

Department of Territories and Local Government The ACT Parks and Conservation Service GPO Box 158

and at the ACT Parks and Conservation Service inquiry counter Canberra City 2601

2nd Floor

Room 212

South Building

Civic Square ACT

Telephone No. (062) 46 2308

Please apply well in advance to enable the application to be processed and the authorisation issued by the date required.

### Penalties

Failure to possess an appropriate permit or licence or to comply with other provisions of the Nature Conservation Ordinance may incur a severe penalty and confiscation of the animals involved. Officers of the ACT Parks and Conservation Service are available to assist with applications for permits and licences and to answer inquiries relating to the Ordinance.

For further information write to:

ACT Parks and Conservation Service Conservator of Wildlife

Department of Territories and Local Government GPO Box 158

CANBERRA ACT 2601



Printed by Watson Forguson and Co., Brisbane

THE CROSS-BREEDING OF A MALE DIAMOND PYTHON WITH A FEMALE CARPET PYTHON (BRISBANE YARIETY).

Anonomous from Newcastle

REPRINTED FROM:-THE R.K.A. NEWSLETTER ISSUE 18, JUNE 1986

After unsuccessfully attempting to legally obtain either a male carpet python or a female diamond python. I decided to attempt cross-breeding my 2 metre long male diamond python and 2.3 metre long female carpet python. The result was the deposition of 25 eggs, of which 20 were eventually to hatch.

The two snakes were housed together in an indoor/outdoor cage facility, on a year round basis. No other snakes were kept in the facility.

I first observed the snekes mating on the 11th of August (1985), then on the 8th of September, and finally on the 28th of September. Matings occurred in a hide box approximately 60cm x 60cm, and 50cm high. This hide box was positioned in the 'Indoors' half of the cage. The female sloughed her skin about a month after the final observed mating episode.

Hoping for the best, I provided a metre high compost mound in one corner of the outdoor section of the cage. I first noticed the female carpet python enter the mound on the 20th of October — and she remained there on and off — only leaving to sunbake between 9 and 11 each morning. One morning — on the 23rd of November, I noticed that she appeared to have alimmed considerably, so I had a look in the compost heep to find the clutch of newly laid eggs — all but four were stuck together in a single mass. The discluded four were not properly formed, and were eventually determined to be deed. There were 21 eggs in the main mass. The temperature within the compost mound was 29 C.

On the 1st of December I decided to retrieve the eggs from the female and artificially incubate them - mainly because I was planning to move house very shortly. With the removal of the eggs, the female became restless and searched for hours through the compost mound for the lost eggs.

The clutch was placed into an empty 4 litre ice-creem container to which was also added a mixture of vermiculite and water (1:1 mixture by weight). This left the container a bit more than half filled. I then sealed the ice-creem container and wrapped the container in an electric blanket (I hadn't seen the diagrams and article by John Montgomery on constructing an icubator in RKA Newsletter = 1.2 at that stage). Insulation was wrapped around the electric blanket and the lot was in turn placed into a cardboard box.

As an afterthought, I decided to rig up a thermostatic device to control the incubating temperature. This mean't mounting the thermostatic sensor inside the ice-creem container within the vermiculite. In this manner, I was able to keep the incubating temperature fairly constant at 30-31 C (I checked it daily with a thermometre). However, on one occassion the temperature reading was a bit high - at 34 C. Which occurred at about a week before hatching.

All but one of the "good" eggs hatched on the 15th of January 1986. Upon closer inspection, the egg that didn't hatch was notten - same as the four previously discorded ones. The average length of the hatchlings was 43.5 cm (range 42-45). Between the 26th and 31st of January, all of the young entered the opeque phase of the skin sloughing process, and they all sloughed during the following three days. Interestingly, all sloughing seemed to have occured only between the hours of 8:00 PM and 10:00 PM regardless of which day they sloughed. Two of the newly sloughed juventles accepted one pink mouse each despite all 20 being kept together in 1 metre long tank.





REPRINTED FROM: -

THE N.Z.H.S. NEWLETTER "MOKO" No.86/1 AUTUMN

NEWS:
....A three legged freshwater turtle (RED-EARED) is settling into her new surroundings at Rainbow and Fairy Springs after being found by an AA Officer in Tauranga last month. Only 20cm long, but with a strong kick and vicious bite, the turtle is thought to have been illegally imported. Investigations are now underway by the Rotorua office of the Wildlife Service, Internal Affairs.