

Brushtale is back !

DEBBI BROWN



IN THIS ISSUE:

News from the Sub Regions

Smoke Rings from Noel Dawson

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Ratbag!

The Wages Award Debate

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Births, deaths, marriages, transfers and resignations

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R& P Corner (Relaxation and Prayer) - Carolyn Sandercoe

Special thanks to:

Our typist Michelle who had to decipher the shocking handwriting of every article.

and Mike Prociv (Cairns) and the 'Far Northern Review ' for all the borrowed articles I've put into 'Inter regional News' and the incentive to get Brushtale on the press again.

Come on Southern Region, keep those articles coming in and keep Brushtale alive!

Just a final note. I'd appreciate more thought provoking articles than a lot of dirty cartoons! - (N.B. - That means you Rainbow Beach!).

éDitOrial

Well Ric, you said it, I am (presently) the editor of Brushtale so I may as well take the bull by the horns and have a go at writing an EDITORIAL.



A lot has been said about the last issue of Brushtale...

'Funny'.
'Disgusting'.
'Hard-hitting'.
'Offensive'.
'Contraversial'.
'Good reading'.
and 'Weird'.

Nobody said 'Nice', who wants another nice newsletter when you've already got newspaws. I've found myself having to justify certian articles in that last issue. I've also been asking myself why?

When I was a teenager I heard adults making jokes about other peoples' colour, religion, nationality, deformities, sexual preferences and God knows what else. Everyone loves a joke **except** when the jokes on them!

Have we all lost the ability to laugh at ourselves???

Who wouldn't want to sit in the front row of a Billy or Gerry Connolly show and be singled out for attention? Although he'd make you the laughing stock you'd love the attention (and have paid for it).

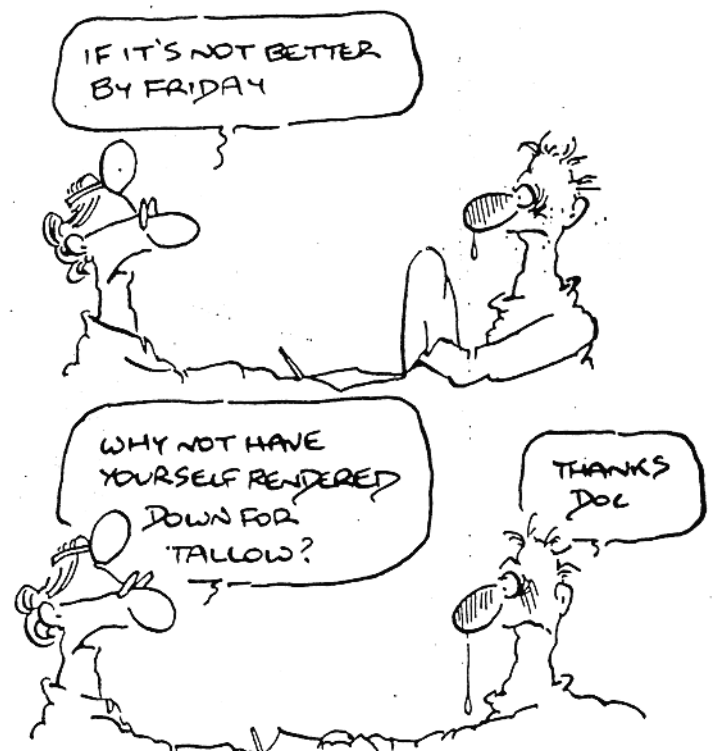
Seriously though, no apologies are being made. Brushtale is a newsletter compiled by me, comprising of articles from staff for other staff to read.

This newsletter is a vehicle for communication for this Service's most precious resource - its staff. All the contributors and readers of Brushtale are but a few hundred very dedicated people to Q.NPWS. Proud of the job they do, giving 100% and more of themselves to the cause of conserving their national parks, wildlife and providing the best possible service to the park users. It's the park staff who have provided THE SERVICE which the Queensland public rely on.

There is a time to work and a time to play - we all do too much of one and not the other.

SO, LOOSEN UP AND HAVE A LAUGH

Di Maclean
EDITOR



SMOKE RINGS

I have certainly observed as I move around that there is a lot of uncertainty about where the Service is going at this point in time. Tied to this we are going through a period of rapid change; with the introduction of fees, new recreation management legislation and new Department and elements of privatization. I also realise that communications on all these issues may not be as good as we would like. However we should all try to improve this.

Brushtale allows you to communicate your ideas both formally and informally and I welcome these comments. However I would suggest that if we are to get job satisfaction and see our goal of better conservation and management of nature develop, then we should be taking a positive approach. There is no point in looking back, except for experience. This publication should be used for keeping people informed, promoting your ideas and views in a positive way and with some comedy. We should not be involved in personal criticism.

If we all take a positive approach to the new challenges and problems facing us then we will survive in our personal and co-operative goals. If we don't then we will suffer as well as the organization. Let us aim to solve problems not create them.

When I look back over the 4 years I have been with the Service I see just so much that has been achieved. It is a real credit to you. We should not dilute this success by a few passing problems. However if you are looking for greatly improved monetary rewards then this is a more complex problem which I can't answer except to say that we are striving to improve them.

Noel Dawson
REGIONAL DIRECTOR

LONDON, Wed. — An American stuntman hoping to become the first person to swim the English Channel with his hands and feet bound, gave up after only 0.4 km today.

I WAS
INSPIRED



I decided to
be the first
human to climb
Mount Everest
bound and gagged...



I made it to the
front gate of my
Footscray home with
NO PROBLEMS



Then I Fell down
and rolled into
the gutter...



it started to rain
but I was undaunted...
I had Mount Everest
on the brain...



the gutter was awash
and litter piled up
around me..



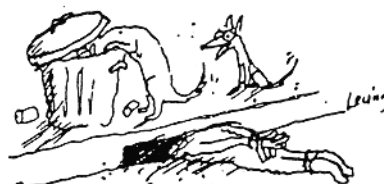
THEN IT HAPPENED...
The surging torrent
pushed me forward...
I WAS ON MY WAY...!



After several hours I
arrived at a drain about
ten yards down the street.
My head entered... I decided to
establish
a base
camp..



I fell asleep and dreamed
wild, joyous dreams about
Everest which now lay
within my grasp.



"GREAT DEEDS AND GREAT THOUGHTS
ALL HAVE A RIDICULOUS BEGINNING"
— CAMUS

Letters to the Ed.

The Editor
Brushtale
PO BOX 42
KENMORE, Qld 4069

Dear Sir/Madam

I refer to persistent rumours that the Executive Management Group (Queensland National Parks and Wildlife Service) 'were not amused' with the last editor of 'Brushtale', if this is so - stiff luck.

It is felt that whatever one's personal opinion/views are on this publication, at least it is a vehicle for candid opinion.

I would suggest that you advertise and encourage, submissions from staff on reasonable personal opinions on how the individual sees the Service, not a 'bitching' session but balanced personal honest fair-dinkum opinions.

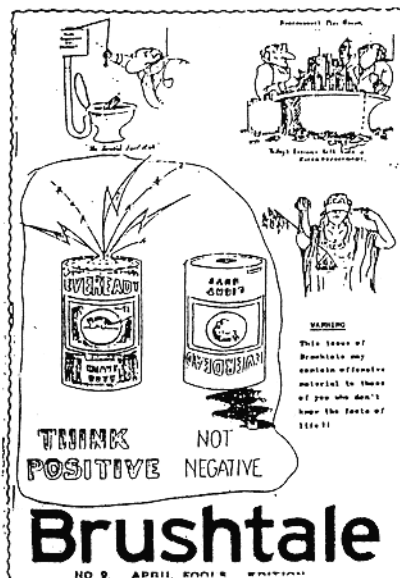
It is felt that this would be topical even in a couple of months time with the mushroom type reorganisation now under way.

Very often grass roots opinions/comments can be constructive, interesting and definitely productive.

Yours faithfully

Ron Alford

Ron Alford



Letter to the Editor

Dear Sir/Madam

I observe the above front page of the current edition of Brushtale and consider, after much positive, researched consideration that it is most condescending as well as being counter productive.

Yours sincerely

Ron Alford.

56 ABERFELD Y ST
KENMORE Q 4069
21-04-88

LETTERS TO THE EDITOR

From: An enthralled Brushtail reader.
To: Di MacLean
Subject: Contribution to next edition.

I thought that this little article may be of use/interest.

It reflects the real - world in terms of Queensland National Parks and Wildlife Service's true conservation management objectives.

Signed

A not so cynical employee

**WHAT PARTICULAR
SPECIES IN OUR
ENVIRONMENT IS
SURE TO GET
SPECIAL
PROTECTION
FROM ANY WINNING
CANDIDATE?**

A)

HERE WE GO WITH ANOTHER RIDICULOUS **MAD FOLD-IN**

There are many creatures in our environment that look to our elected officials for their survival. But one particular animal has no worries at all because it is always fully protected by the winning candidates. To find out which species this is, fold in page as shown.

FOLD THIS SECTION OVER LEFT



FOLD BACK SO "A" MEETS "B"



ARTIST & WRITER:
AL JAFFEE

**FIERCE FIGHTS FOR SURVIVAL AFFECT SPECIES AT
ALL LEVELS OF OUR ENVIRONMENT. BUT EVERY
CANDIDATE WHO WINS HAS ONE SPECIES HE PROTECTS**

A)

B)

Letters to the Editor

Q.NPWS staff to pay to use parks!

The subject of camping charges on Queensland national parks has raised an interesting question. How much respect does the Service's executive staff have for its field staff - the front line Service image-makers; the people without whom the system would collapse?

On the surface it may appear to be a small matter, but after peering through its subtle veneer, it implies a great deal.

Service personnel will have to pay to stay in national park campgrounds.

So much for encouraging park staff to visit other parks to broaden their experiences and learn new techniques or management that may be applied on their home territory.

So much for morale and the sense of belonging and the respect that goes with it.

Where is the recognition, the pat on the back for all those unclaimed hours of overtime?

Field staff base rate of pay is less than the average wage. The Service's new restructure provides higher pay scales for senior executive staff to keep them 'in line' with other departments, yet it is these same people wanting to squeeze more out of our already overburdened field staff.

Show us some respect, some common decency and grant all Service staff free access to all Service facilities. After all, the Railways grant their workers free rail travel, and the airline companies grant large concessions.

Surely field staff deserve better treatment.

R. Anger and G. Anger
NEW WORKMEN, SIMPSON DESERT

S T A F F P A Y I N G F O R

C A M P I N G ?

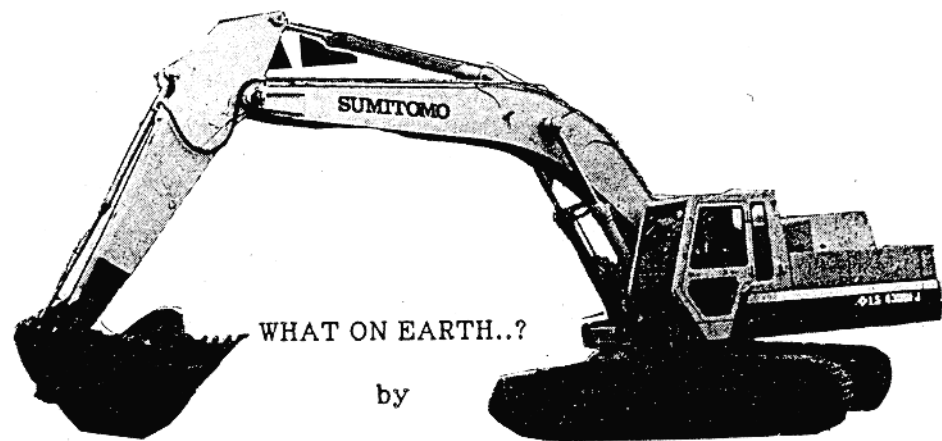
SURVEY/PETITION

HAVE YOU'RE SAY!!! SHOULD QUEENSLAND NATIONAL PARKS AND WILDLIFE EMPLOYEES BE CHARGED TO CAMP ON OUR NATIONAL PARKS. PLEASE FILL OUT THE SURVEY FORM BELOW AND SEND IT TO THE SOUTHERN REGIONAL DIRECTOR (OR DEPOSIT IT IN THE BOX WHICH HAS BEEN PROVIDED IN THE TEA ROOM AT MOGGILL) BY 1 NOVEMBER 1988.

DO YOU AGREE THAT QUEENSLAND NATIONAL PARKS AND WILDLIFE SERVICE EMPLOYEES SHOULD HAVE TO PAY TO CAMP ON OUR NATIONAL PARKS? _____

WHY? _____

NAME: _____ PARK: _____



WHAT ON EARTH..?

by

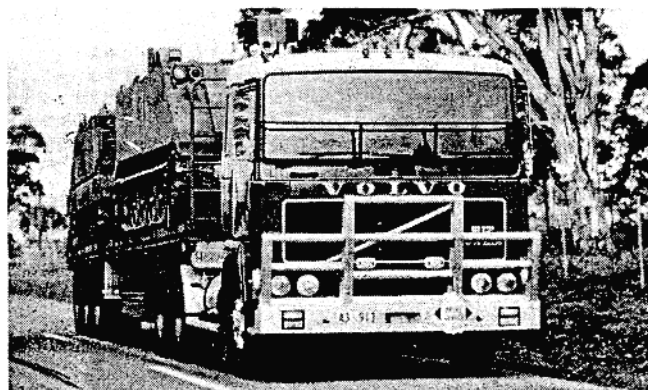
Watta Rottnbugger.

...and here, on the long winding strip of that strange fossil -derived material called a road, we find one of Moggill's most fascinating creatures; the Common Slow Truck. This dim-witted creature lurks in communal living areas called depots, and ventures out onto the roads only at specific times of day. Most commonly, it emerges between 7.30 and 9.30 in the morning, and 4.00 and 6.00 in the afternoon. It is easily recognized by its large size, ponderous gait and a continuous plume of noxious fumes belching from a special duct located either just behind the head, or more posteriorly. This secretion appears to be designed (if I may anthropomorphize for a moment) to prevent other creatures of the road from following too closely behind it. Perversely, the Common Slow Truck moves so slowly that long lines of smaller creatures called cars form behind it, trying to find a way round. Surprisingly, the Common Slow Truck is capable of bursts of speed; however, these are only used to foil attempts to overtake it.

There are several forms of this animal. The Council Truck is distinguished by its orange colouration, oil leaks and low I.Q. The Southern or Back-Fanged Backhoe is an interesting variation. It has a small, narrow head, large back legs that move very slowly and always in the middle of the road, and a long tail tipped with one or more fangs. The tail is usually folded against the rump, but can be quickly swung 'round and used to smash the shit out of any unsuspecting creature travelling too close. This form is unusual for its complete inability to hear the constant stream of vociferous abuse hurled at it, and is incapable of using its rear vision mirrors, although they are well developed.

The underlying strategy behind the habits of the Common Slow Truck and its relatives appears to be a type of psychological warfare. They only venture onto the roads when they can cause maximum disruption, belch noxious secretions to heighten this effect, but at all times maintain the appearance of being blissfully ignorant of the consequences of their actions. The selective advantage of this behaviour is not clear, but some scientists believe it is designed to drive other creatures, anxious to get to their place of work (why? There's another question...) into a frenzied state until they attempt to overtake in impossible situations, killing themselves and often several others, thus leaving more space on the roads for the Common Slow Truck. On the other hand, perhaps they're just a pack of bastards.

Over here, beneath the wide spreading roof of a rare Southern or Dawson's Regional Office, can be found...



P.K.'s moving on... (but not very far)

For Brushtail:

Rangers Not Corrupt Enough

I believe National Park Rangers (All parks staff that is) are too scrupulous, upright and downright honest. What we need is some good old fashioned perks, throwbacks and corruption. The sort of thing every good Queensland politician is made of. The sort of thing that put Commissioner Fitzgerald in the headlines.

Yes! We need free camping in the Parks we administer. Lets make our Field Officer Cards freebee tickets. Why I hear the beaurocrats say? Because most rangers eat, drink and sleep their jobs (often to the point of destruction). Their job is a religion and what beaurocrat would stand in the way of a pilgrimage! To visit another park is a reverent learning experience, carred out in the employees time, and at his own expense. In this age when transfer of information and in-service training are so important could the administration not forgo a little revinue for the sake of an investment in staff training? I hope so. Exceptions need not be a bad thing.

Seriously, here is my viewpoint. By airing it the administration should feel the need to heed it. I hope other staff, whether they agree or not will air their views.

Ross Davidson
(I don't mind you publishing my name!).

P.S. \$7.50 per night may not seem much to some but its a serious consideration as to a holiday destination to others.

Here's a handy hint!

Dulux, Super enamel spray pack, Mission Brown is a spray can which very closely matches the unfaded National Park Screenprint sign. Graffiti (commonly scratched on) can be sprayed over by masking around the effected area, provided this is not on the yellow writing. SAVE\$ time and money.

Ross Davidson

Just a short note to all Service Staff I have met over the past 7 1/2 years.

Thanks for all assistance both professional and personal. My apologies for my indiscreptions, deliberate, unintentional and during moments of insanity.

A special thanks to the field staff of the Moreton District who have shown initiative, teamwork, patience and hard work far beyond my own expectations.

Thanks also to the Moggilladites for your support and efforts.

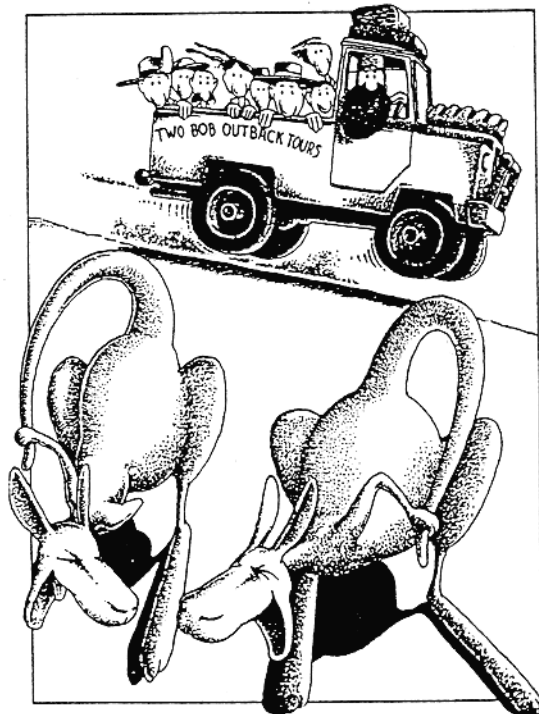
If you think this is goodbye, your sadly mistaken! I am moving around the corner to the Moggill shop in partnership with another expatriate, Jerry Van Delft.

We will be accepting Gov Orders, but remember to get your delivery advices into Ron early.

If you are in the area, call in for a chat.

Regards and wishing you a minimum of stress and a maximum of over expenditure.

P.K. Alias 'Kato'
 Alias 'Chainsaw'



ROOVOLTING

Memorandum

File reference



QUEENSLAND
NATIONAL PARKS
AND WILDLIFE
SERVICE

From: Wages Award Working Committee representatives, Southern Region

To: All wages staff, Southern Region

Subject:

Date 20 October 1988

Notes

A meeting was held at Moggill on 30 August 1988 for southern region wages staff. A working committee of three people was appointed by those staff present (Ken Whitlock, Dianne MacLean, and Ron Alford). The purpose of this committee is to represent the views and concerns of Southern Region wages staff, with regard to the proposed wages award. They were to negotiate wherever necessary with whoever it is considered necessary to attain this objective.

Our first and persistent approach was to forward our recommendations to EMG through Lester Harth of Management Services.

It is considered by all parties that the proposed Q.NPWS wages staff award is a very important document as it sets the bases for wages and conditions for now and into the 21st century.

We, after much discussion have arrived at the conclusion that the only effective way to look after your interests in through the union.

There are three unions involved.

1. The POA.
2. The AWU.
3. The Merchant Service Guild.

We as a committee have had a number of worthwhile discussions with the AWU.

We are presenting your views through the AWU as this appears the only effective method.

The AWU is looking for expressions of support in practical terms.

Your committee considers it unrealistic to expect the AWU to support us unless we support them by taking out membership (see the tear-off portion of this memo at the end).

../2

The time frame of events is as follows.

1. Meeting at Moggill by wages staff 30/8/88 expressed concern over the new wages award;
2. Meeting between Q.NPWS management and unions 15/9/88;
3. Second meeting by wages staff at Moggill 28/9/88 with representatives of the Australian Worker's Union (AWU);
4. Meeting between Q.NPWS management, Qld Dept of Industrial Affairs and the unions on 19/9/88:
 - at this meeting AWU representatives conveyed concerns of National Parks field staff on the draft award;
 - AWU put forward 15 points they would like changed, these included:
 - . basic pay rate in award unacceptable;
 - . payment of higher duties for 4 hours minimum;
 - . time in lieu conditions currently unacceptable;
 - . loss of all purpose and disability allowance.
5. Meeting between wages staff representatives, Lester Harth and Denis Cavanagh from Dept. of Industrial Affairs at Chief Office on 3/10/88.
 - lodgement of new award with the Industrial Commission is likely to occur 21/10/88;
 - the award has not been changed (to date) in respect of the recommendations put forward by wages staff;
 - Qld Dept of Industrial Affairs has been working on this new award with Lester Harth for nearly two years. Denis Cavanagh from Dept of Industrial Affairs will be representing our employers, Q.NPWS at the Industrial Commission. The AWU, POA and Merchant Service Guild will be representing us, the employees;
 - Dept of Industrial Affairs will request a quick hearing and determination of wages and conditions for the new award.
 - The Industrial commission will then carry out field inspections together with the Dept. of Industrial affairs and the unions.

In February when the Industrial Commission reconvenes the various groups will be asked to report on their field inspections, the Commission may then make a decision on the award.

It is **ESSENTIAL** that those park staff approached remember and put forward to the Industrial Commission field inspections **ALL ASPECTS OF YOUR JOB** including management and supervisory roles.

To help you put together a realistic list of your duties, we have attached a sample of the typical roles and responsibilities of field staff.

It would be to your advantage and the advantage of all wages staff to complete the checklist of your role and duties on the park and hold in case your park is chosen for inspection. It will also be a guide for you when/if a duty statement is drawn up for your position.

A decision about joining the union needs to be made by each person very soon.

- \$122.00 per year (August to July) for AWU.
- Tax deductible.
- NO deduction will be made from your pay by our accounts section. Qld Dept of Industrial Affairs advised Lester Harth it can't be done.

Bear in mind union membership is not compulsory. It is your decision which, if any, union you join.

Please consider carefully the most effective action you can take to ensure your interests are properly looked after.



AH, yeah, g'day. Smoke if you got 'em. Now I'd like to have a word or two with you about the Oscar that's alleged to have been seen sneaking in and out of various sub-regional centres making numerous bleating noises about equitable remuneration and other such abstract concepts. To those of you who believe in Santa Claus and industrial justice, I would simply say "SEQEB" and suggest that you grab your hat and take a little stroll around the annexe while the rest of us go through this for spelling mistakes.

As you are well aware, we are all professionals here and I would thank those of you who've already received their pink slips to make sure that your issue of biro's and paper clips are returned to the store before collecting the three day's pay, which by the way, does not include the 2% productivity increase as it appeared to those of us who know about such things to be, in fact, counter-productive.

Now if I could put it in a nutshell, and quite frankly most of the things which were likely to be mistaken for benefits already have been. But to put it in a nutshell, what we'd like to see happen is for all of you people who've been doing a lot of things for nothing in the past, be justly rewarded. It's no idle boast for us to say that this most definitely will be the case, you will definitely be doing a lot more things for a lot more nothing.

I know there are a lot of cynics among you who will say it will never work, and I must say that I resent being described by the impersonal pronoun. Let me also say, and this should in no way be construed, that the package we're not discussing here today has, in general terms, the full backing of the politbureau, that is to say, they were full when we didn't discuss it with them either and they were all for it too, as well.

Now I can see a few of the young folk at the back of the hall getting a bit restless, and I'm sure you all want to move the chairs aside and get on with the dancing, but before I get back on the big silver bird I'd like to thank you for your frank and honest discussions, and finally let me reassure you that your comments will have absolutely no effect whatsoever, on anything at all. Thank you and goodnight.



Queensland Police

FAUNA PROTECTION SQUAD

by Det. Sen/Const.
Gavin RICKETTS

The past few months have been very active for the squad to say the least. Most jobs attended to by the squad have been interesting and significant with regard to the fauna types and the people involved.

Our major busts, summarised were:-

- The seizure of 73 Lorikeets and Major Mitchell cockatoos from a suburban home at CAMP HILL in June. A 'Well known' identity in the black market bird trade was prosecuted for taking and keeping protected birds & fined a total of \$2,500.
- The raid of the home of a well known Vet resulting in a totally unexpected reaction from the 'lady' of the house in an attempt to effect our purpose. Found was the remains of a 'Mexican orange kneed tarantula' popular on the world black market and a member of the C.I.T.E.S. list of endangered animals. (Incidentally, the lady was charged with obstruction under the F.C. ACT.)
- A tour of duty in Cape York Peninsular in July with fellow fauna officers from CAIRNS. We investigated some croc. offences and gathered a great deal of info and intelligence concerning clandestine activities up there.
- The raid of a property near KILLARNEY netting 70 rosellas & lorikeets - all trapped locally. Another villain was charged & copped a few hundred \$\$\$\$ in Warwick Court.
- In August, a certain WARWICK person known nationally for his never ceasing bird trapping efforts was arrested near ST. GEORGE with 74 Major Mitchell Cockatoos. He was apprehended at 1.00am after an on & off surveillance operation which took a few weeks. The channel 7 boys were one step behind us all the way and they put together a top news story which went to air nationally on 3/8/88 & again on 12/10/88 when the villain was convicted and fined a total of \$24,800.

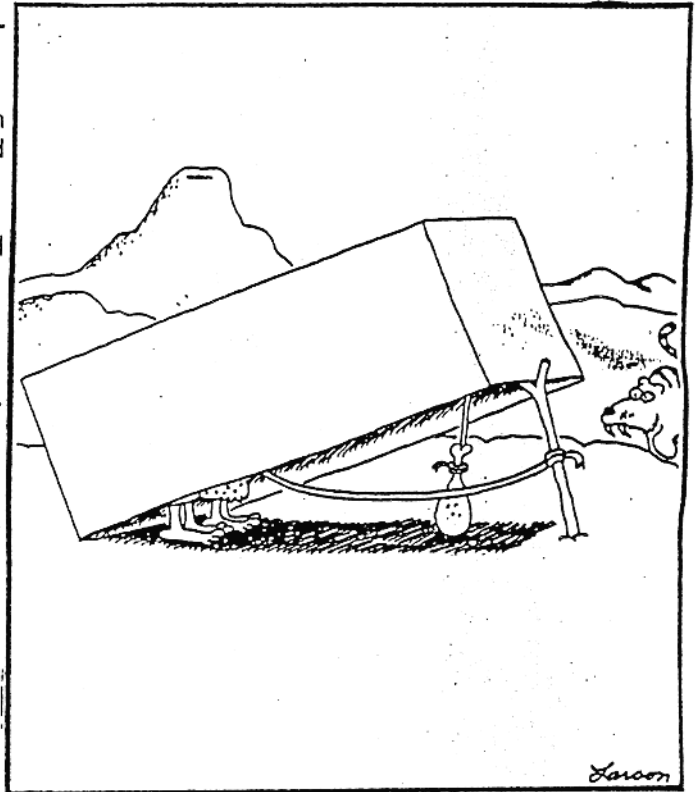


"Shhhhhhhh... I wanna surprise the kids."

- Late in September, a grub was busted at his breakfast table by 'Dash' MOLONEY after info was received from one of our sources in S.A. that a QLD. registered 4wd was seen near INNAMINCKA with a load of birds and reptiles. Seized were 12 cockies & galahs (nestlings) a baby eagle, and 2 shingle back lizards. I think we are fast becoming the 'grim reapers' of the Fauna Smugglers world.

- 5th October, and another surveillance operation in bushland at STRATHPINE. An offender was trapped by us checking his possum trap. A few minutes later we paid a visit to his home and did a bit of house work for them. 4 possums all up, 19 lorikeets, and 3 snakes seized. The snakes were located in the bottom of an empty wheely bin in the yard. The snakes were wheely sick, having bin in there for some time. The offender gave an explanation but, you guessed it, it was all rubbish!

Pleased to say that after a cold bath by Michelle and me, they are a lot better. Possums and birds likewise. A juvenile and his mother are to appear in the Mag/court PETRIE in the near future. (People that is - not possums)



"Shhhh, Zogl... Here come one now!"

- That's about it for now, but in this job, you never know what's around the corner.



Warwick man fined a record \$24,800 for smuggling birds

BRISBANE: A bird smuggler was fined a record \$24,800 yesterday after being caught by Queensland fauna squad police with 74 Major Mitchell cockatoos.

A Wildlife Department spokesman said the fine was believed to be the heaviest yet imposed in Australia for fauna smuggling.

Graeme Stephen Cutmore, 50, of Warwick, pleaded guilty in the St George Magistrates Court to charges of taking, moving and keeping protected fauna for sale.

Cutmore was stopped by police at 1 a.m. on August 3 on a property outside St George, 330km west of Toowoomba.

In evidence, Detective Senior Constable Gavin Ricketts said Cutmore was in a four-wheel-drive vehicle towing a trailer packed with cages.

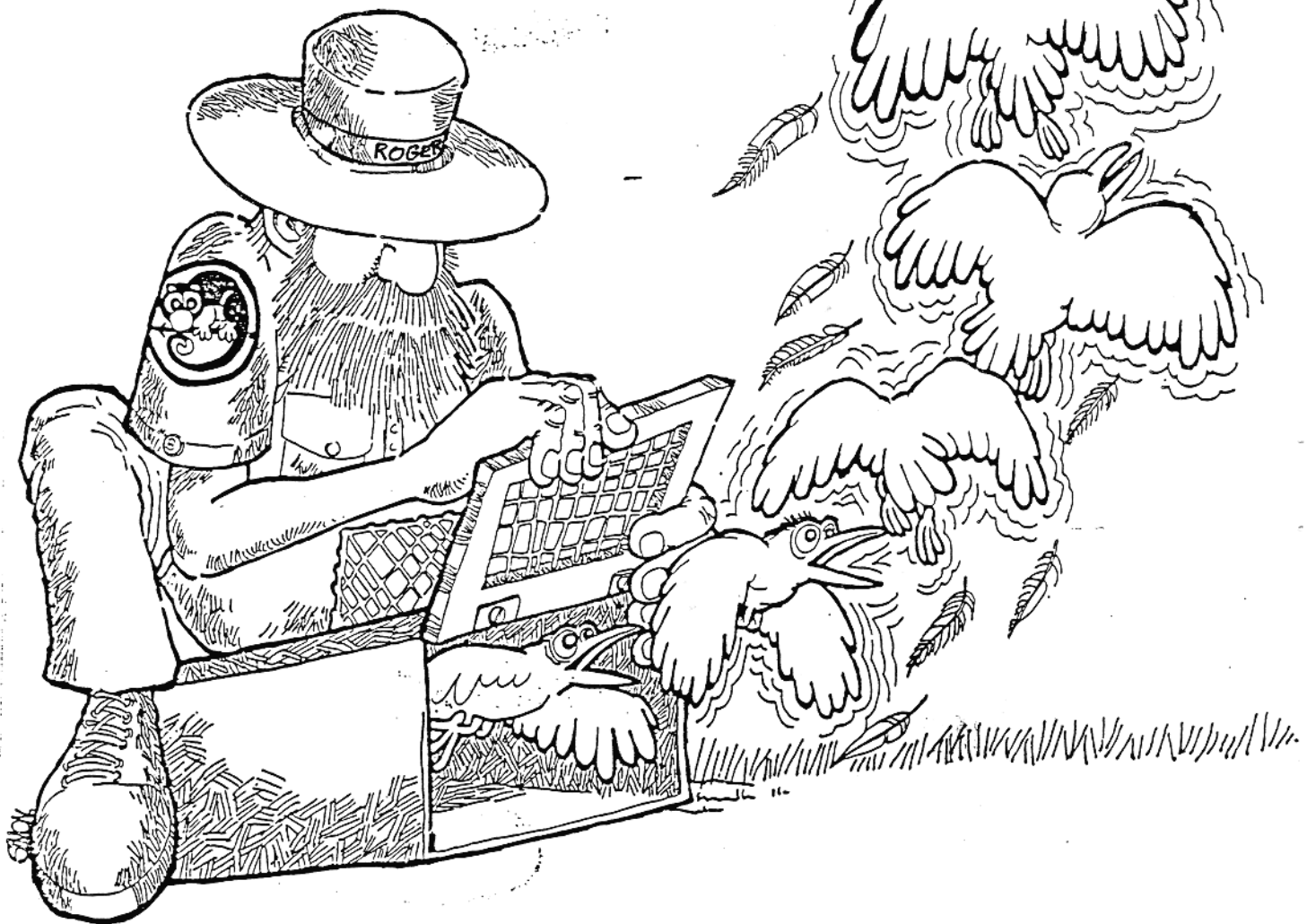
Cutmore told police he intended to sell the cockatoos on the black market.

Magistrate Mr Allan Yorkston fined Cutmore \$400 for taking, \$200 for moving and \$2000 for keeping the protected fauna.

He ordered Cutmore to pay \$300 royalty on each of the birds in his possession — a total of \$22,200.

Mr Yorkston also ordered Cutmore's vehicle, trailer, cages and trapping equipment to be forfeited to the Crown.

The Chronicle 12.10.88



Brushtale into the 21st Century

HERE IS SOME GOOD NEWS I'D LIKE TO PASS ON

The Far Northern Region has just put out their 2nd staff newsletter the 'Far Northern Review'. Mike Prociw is the editor and he has sent down a few copies for Southern Region you'll find one at Toowoomba, Maryborough and Moggill. We'll be having a section in both the newsletters called 'Interregional News' - anyone is welcome to contribute an article.

Mike has given me a few tips on getting articles - he delegates a person in each sub region or program to organise a page of their own ie. Marine parks, Wildlife, Planning, and the various sub regions.

Looks like it just might work, Tim Stevens our only Maritime estate person in Southern region has his section called 'Wet Ends', Carolyn Sandercoe is getting Research and Planning organized for articles but they can't agree on a name as yet, there's the 'FAUNA CORNER' BY THE SEARCH DESTROY SQUAD, Stacey Thomson will be organising updates on Moreton, Liz and Felicity have done 'Antics in the Downs' and Michelle Zellow has compiled a 'Surf report from Wide Bay'.

'INNOVATIONS' or 'How to fix it with a bit a bailing twine' or 'Heath Robinsons Corner' or 'Cobb and Co Twitch' are the suggested names for a page which contains information about new machinery, cheap ways to fix it and time saving methods of getting things done on the parks. If you've invented something or found a cheap alternative then let everyone know. Photo's, dimensions, prices and suppliers should accompany your articles if at all possible. Lookout for the first article 'Mono Wheel Rescue Stretcher' by Rob Davern.

This is the last old style Brushtale - the next one will be subjected to 'space age' technology, (though it will still have 'stone age' editing). Your articles or 'text' will go onto the Word Processor of the IBM computer - they'll be edited on a screen not on paper. Cartoons, photos and drawings will be 'scanned' and with the page maker we can enlarge reduce, squash or stretch any illustration to fit anywhere!

The texts and illustrations will be compiled and edited on 'page maker' to make it fit on to A4 and save hours of cutting, pasting and photocopying. Then the final form is laser printed.



Inter=regional news

Gary Selwood: the final word

This month sees the last of Gary 'the Terrier' Selwood, who is moving onto the more lucrative Southern Regional market. His career in this region has had many highlights (as well as a few lowlights) and it is now an opportune time to review them.

Gary has long been recognized as the undisputed 'TALKING WITHOUT A PAUSE' champion. Who will forget the way he swept aside Jono 'the Mouth from the South' Walsh to take the title in 1984, or his display of power talking at the 1988 Granada Conference where he smashed his own record of 3 minutes 26 seconds without stopping for a breath. Gary was an innovative champion who often invented new words or modified conventional syntax to shake an opponent's confidence, but he was not above hammering them into submission with repetition if necessary. Most experts agree that his finest moment was his title defence against Paul 'have a chat' Biggs who pushed him to the limit in a long breathless battle for vocal supremacy.

What makes Gary such a champion? Undoubtedly, his early training is the major factor. After cutting his teeth in the jungles of New Guinea convincing the locals that they should work for him because they needed money to buy food from him, he moved into the ranks of fishermen and mastered the art of talking about nothing for hours. He fine tuned his style by going to the Philippines and learning not to take 'no' for an answer. But Gary also has a physical edge. Doctors have confirmed that his skin is at least twice as thick as that of a normal human being.

But talking isn't Gary's only strength. He has the uncanny ability to sniff out any money-making opportunity, rejecting the legal ones as a matter of principle. The user pays scheme has been operating in the Far North for years. The employment of 'the Terrier' was a master stroke of Marine Park management because as long as he's

working for us, we don't have to be out there chasing him.

Gary will be remembered for many things: his permed hair; his fishing skills; his ability to disappear down an engine hold when hard work appears; but mostly, he'll be remembered for the enthusiasm and skills he brought to the region. His plans to take over the national park's base at Fort Lytton and charge a toll for all vessels up the Brisbane River is Noel Dawson's problem.

Dennis Devine & Leigh Harris



Funds are so low, that these Rangers have to scrounge for loose change dropped on walking tracks.

'BE WISE - COMMERCIALIZE PARKS ARE FOR PROFIT'

Far Northern Review

Questions from the field about the far reaching User Pays Concept.

- . Will Service direction, and park management be too heavily oriented towards recreation and less emphasis placed on the real issue of environmental conservation?

- . Will the government declare within the parks:

- a primitive area
- a primitive and recreation area
- a recreation area
- a scientific area, or
- an historic area

or will the government simply view all national parks as recreation areas?

- . Will government funding decrease proportionally to the increase in income from the parks? In the long term, will the Service be any better off?

- . Will the higher visitation, higher profit campgrounds be handed over to private enterprise, thus robbing the parks' budget?

- . Will the more profitable parks be handed over to another management authority? For example, will Cooloola be amalgamated with the Fraser Island Management Authority? Or, will a separate profit-making agency run them as revenue and promotion for the government?

- . Will there be an injection of funds into the Service initially to bring sub-standard facilities up to the standard demanded of when charged?

- . Will limitations to the size of campgrounds and their designs and facilities be based on environmental factors, or be geared to the increasing visitation and profit margins?

- . Will a charge system place pressure on value for money for the provision of powered sites, hot showers, fire wood etc?



- . Will there be an increase in staff to handle the higher standards expected when paying for a service?

- . Will there be a charge on the booming commercial day tours advertising national park destinations? Will limits be imposed on their numbers?

- . Will the Service muster and sell off all illegal stock on national parks as a fund-raising exercise?

- . How will the no-refund system work for the park staff when:

- . campgrounds are booked with pre-visit purchased vouchers
- . rained out
- . firewood runs out
- . toilets blocked, etc.

How does consumer law relate to a no-refund policy?

- . Will there be provision for park staff to evict troublesome visitors, or those refusing to pay? The current regulations do not allow this!

- . Will there be an increase in recreation leave for staff due to the extra pressures placed upon them by the public? New South Wales NPWS allows for this!

USER PAYS

- A RESPONSE FROM THE REGIONAL DIRECTOR

I will take this opportunity to reply to 2 articles on the introduction of fees in this edition of brushtale. Some of my comments reinforce articles I had previously written.

Why do we need to charge?

The first point I would make is that all public agencies have been subject to funding constraints due to world and national economic conditions. It has been the responsibility of managers to either increase efficiency or look to new sources of funds to address the problems of increased growth, providing new parks and handling new responsibilities. Some other agencies had more inbuilt fat when these constraints were introduced but for this Service it has been very difficult.

We have been able to hold this situation with injections of CEP funds and improving our success rate in seeking funds from other bodies etc. but most of these are now drying up. In fact we are at a stage where managers like myself have to put more and more effort into cases to obtain less. At the same time all of us have been determined to maintain standards of management which equate to the best in this country and the world.

If we are to maintain these standards then we need an injection of funds and to my mind the 'user pays' approach is the fairest system. Why should the general taxpayer pay for facilities that only a select few use. It is fair enough to expect the taxpayer to pay for parks because we all benefit, but why specialist facilities. They already bear the cost of paying for us to manage these parks.

Another benefit is that with a user pays approach our income becomes geared to the number of visitors. So if we get 20% growth we get 20% more money. Another point of which you must be aware is that most people are happy to pay (studies indicate up to 70% without qualms) and in most cases can afford to pay. i.e. Visitors tend to be earning more the \$25,000 per annum.

Will charging push development?

It has been my impression over the last

few years that it is our own staff who promote development of facilities, usually with good reasons to protect sites or a reasonable demand. However in this region development of facilities has not been the driving force. The objectives of most loan and CEP expenditure has been to improve management, upgrade existing facilities, and develop new facilities where they are constant with a overall plan where they are in poor or unhealthy condition.

In the second article there is a theme that funds will be spent to increase income. I am afraid that this has not been borne out by our experience with Fraser Island where funds have been spent according to a plan which basically aimed to improve environmental management, provide a better service (that is our name) and manage people.

In our regional planning the same approach has been made to projected income from the user pays approach. We have tried to concentrate on:

- . the existing 5 year loan works program where applicable;
- . improving staffing and rewards for overtime;
- . improving facilities where health or environmental problems are developing;
- . providing a better resource.

Where management plans exist we use this for the basis of development and management.

Planning and recreation

There seems to be a misconception that the recreation area will promote recreation not sound planning. This is far from the truth. In fact funds have been committed to management plans and the sort of zoning mentioned in the articles. This is a fact. In addition the new legislation will require a management plan to be prepared and that it be reviewed regularly. The emphasis of these plans are to maintain the environment. The plan aims to provide a balance between use, education and preservation (true conservation).

In regard to the tour operators, the Fraser Island plan does limit tours and numbers to the key area to preserve these sites and ensure visitors have a high quality experience.

QG-622- The final stand

(better known as Carolyn's wagon)

There can be no criticism of recreation areas by our staff because I believe the achievements of the Fraser Island Recreation Area stands. These are, preparation of management plans, the commissioning of an interpretive plan, the development of a water quality monitoring program, integration of two departments to provide a better service, improved safety and health facilities, improved park management and management of people and a very happy public. In addition income has covered the costs of maintaining and managing the area. So please check facts.

Details of system

In regard to these questions see the information sheet.

Exemptions for our staff

One lesson to be learnt from all other charging systems is that you grant exemptions for one group of people than you will be subject to pressures to keep on extending these exemptions.

Senior management are sympathetic to staff who visit parks and have proposed that they will be able to make claims for refund of any fees where there are benefits to the Service. This will be left to the Regional Director to approve. I am sure you will receive sympathetic hearings.

Noel Dawson

In a desperate bid to save herself from the greasy clutches of Govt Garage, Carolyn Sandercoe's stood down workhorse, the famous 622 made a daring bid for freedom yesterday. She refused to come back to Brisbane with Stacey and Dianne because she knew she was to be returned to Govt Garage immediately. So it was on a hot and dusty track miles from civilization when 622 spat the dummy. Blocked fuel filter, auxillary tank with blocked lines, flat battery and no help in site! We hitched a lift to Tamborine Village and persuaded a mechanic to come out and give 622 the Kiss of Life. He did, and \$10 later we took off up the hill.....only to roll backwards with more blocked fuel lines (The mechanic was already gone) so we flagged down another car and did it all again!

Eventually we got home 3 1/2 hours later, hot and bothered but a nice cold beer soon cooled our heels. Today as I was telling a colleague about 622's final stand they bought up an interesting angle on this old faithful QG. - If the back seat could talk.....what a tale it could tell. Well, it looks as if 622 has finally got her gracious retirement as a stood down vehicle for Queensland National Parks and Wildlife Service - latest office at Longreach!!



WET ENDS



What is Herbie doing in the water? Or, to put it another way, what do these Marine Parks things have to do with the Service?

I guess the first thing to establish is that a Marine Park is not a "wet" National Park. Marine Parks are areas actively managed for multiple use, using a system of "zones" and permits. For instance, if there are sites of particular sensitivity or importance within a Marine Park, a "look but don't touch" zone can be declared, to prevent extractive use but allow appreciation - a sort of marine National Park. On the other hand, sustainable and properly managed extractive use, such as trawling, can be allowed in less restrictive zones.

One common question is why Marine Parks aren't run by the Fisheries Management people from DPI. In fact, they used to be, but recognition by politicians of the concept of

multiple use has changed that. The fact is, there is more to a Marine Park than fish and fishermen. Certainly, the management of fish stocks is a big factor, and the Service works closely with Fisheries to make sure this occurs. However, the biological resource also includes wading birds, shore birds, littoral fauna and vegetation, marine mammals and so on. As well as this, Marine Park areas are a rich recreational resource. Activities such as sailing, swimming, snorkelling, diving, water-skiing, nature education, sight-seeing and of course fishing (including spear-fishing) are all very popular along the Queensland coast. It is our job to make sure that opportunities for all these legitimate pursuits are retained, and that they don't conflict with one another, while conserving the environment.

Pressure from tourism and development has never been greater than at present in coastal areas of Queensland. Commercial tourist operations in a Marine Park require a permit, so that by careful assessment and putting conditions on the permits, we can make sure that their activities are compatible with conservation both of the biological resource and of the amenity of the users - how they "feel" about the Marine Park. This way, a traditional quiet family swimming hole or fishing spot can remain that way, safe from the spectacle of a huge hovercraft or wave-piercer bearing down on them, laden with a million God-Dams (Americans:- "God DAMN, Martha! Will yew lookit that!").

Of course, development and commercial use can occur in a Marine Park; but it is balanced and will cause minimum disturbance to the rest of the users.

So - a Marine Park is a planning and management tool, with which we can co-ordinate the varied uses within an area of biological and cultural significance. In State Marine Parks, those government departments whose permission is required for various activities e.g. Fisheries, Water Quality, Harbours and Marine, and the Service still issue the permits, but they do so in consultation with us, and according to a zoning or management plan. That way the permissions that are given are all compatible, rather than a confusing jumble.

I hope that this has helped to explain what we're on about. Or at least that you're not any more confused than you were before!

John S. ...

Newspaws article:

Making a "SPLASH!" in the Bay.

AS part of the investigations into a Marine Park in Moreton Bay, Maritime Estate staff in the Southern Region are organizing a co-operative data gathering effort dubbed "Operation SPLASH!".

"Operation SPLASH!" will be a volunteer effort involving local dive clubs, dive schools, research groups, conservation groups and charter operators, co-ordinated and organized by Q.NPWS (Maritime Estate). Data gathered would contribute a large part of a resource inventory of the "area of interest", essential A) for management planning of i) the proposed Marine Park, ii) the Moreton Island Management Plan and iii) Recreation Area; and B) as a base-line data set for future monitoring of the resource.

Diving clubs, etc., would be asked to volunteer their services over a (say) 3 day to one week period, with the Service providing co-ordination, communications and logistical support, some accommodation and "mother-shiping" facilities from the 11m and 12m vessels. The exercise itself will be carried out over (say) 3 days to one week depending on numbers. It may be necessary to split the exercise over two or three weekends. Service staff outside Maritime estate with appropriate skills and/or qualifications should be encouraged to participate, especially those from Moreton Sub-Region.

Depending on numbers, "teams" may be assigned to examine different components of the biota. Major parameters might be: % cover of substrate in gross taxonomic categories; density of selected macrobenthic taxa; numbers of fish species, and individuals of "indicator species", in a standardized dive pattern; photography of marked transects; density of intertidal taxa, bird counts at roosting, nesting and feeding grounds.

Representative multiple samples of all the habitat types in the area should be undertaken: Oceanic Reefs, Artificial Reefs, Estuarine Reefs, Seagrass Beds, Mangroves, Intertidal Heath Swamp, Sand/Mud Banks, Rocky Shores and Channels.

The exercise should carry a high public profile, with coverage in printed and electronic media, diving and conservation magazines actively encouraged.

The "Field" component of "Operation SPLASH!" will be run in late September to mid October. This should provide optimal weather and water conditions, allow time for the 12m barge to be commissioned and allow sufficient time for planning and organization.

Two to four weeks after the event the entire participant team will be assembled for an informal and light-hearted session including a slide/video show about the operation and discussions on the outcomes - any suggestions for future improvements. The evening would culminate in a barbeque provided by the Service as a gesture of thanks.

Any interested staff should drop a line to Tim Stévens at the Southern Regional Office.

STOP PRESS! "Splash!" has been postponed - it will happen, but probably not until early next year. Watch this space!

Ringtail article:

MARINE PARKS FOR MORETON BAY AND BUNDABERG?

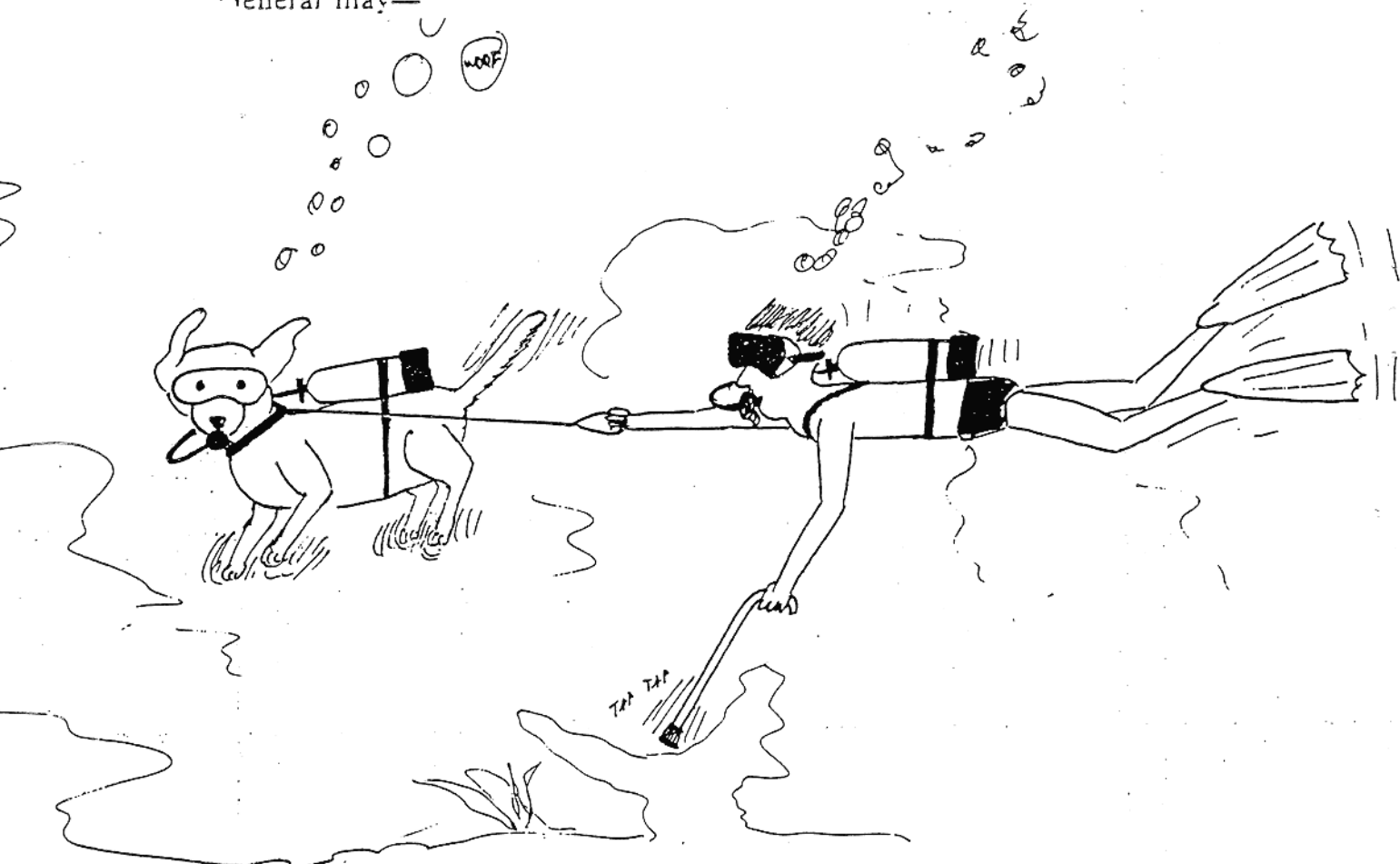
Investigations are currently underway by the Service to determine if areas in Moreton Bay and on the Woongarra Coast, near Bundaberg, should be declared as Marine Parks.

The Moreton Bay area stretches from Bird and Goat Islands to Flinders Reef, and includes a wide variety of habitat types, from coral reef to mangrove swamps. The area supports a great diversity of marine, estuarine and shore-line life, including the largest dugong ^{herd} on the east coast of Australia. At the same time, it contains some of the most popular fishing, diving and boating spots in southern Queensland, as well as supporting important commercial fisheries.

The Woongarra coastline is comprised of an ancient lava flow providing a hard substrate on which surprisingly rich fringing reef communities flourish. The loggerhead turtle rookery at Mon Repos is also in this area. Commercial fishermen harvest the waters off the reefs, while the reefs themselves are popular with fishermen, spearfishermen and divers.

Aspects being investigated by the Service, with input from user groups and agencies interested in the areas, include detailed surveys of the resource, patterns of use, and public perceptions of the values of each area. These will reveal whether a Marine Park is appropriate for the areas, and what kind of management is required to ensure the protection of the habitats and flora and fauna dependent on them. The end product will be a report to the Minister recommending strategies to best manage each area, so that all reasonable use can continue, while protecting the environment, and the users' perceptions of these areas.

- ...animal is not permitted to leave the spec.
...while such animal is in the marine park.
- (b) An unsighted person may bring a guide dog into a marine park.
- (2) (a) Subject to the provisions of paragraph (b), the Co-ordinator-General may—



DISTRICT ROUND - UP

Great Sandy

Both Fraser Island and Cooloola have been experiencing high visitation with Fraser Island permits increased by 50%. Waddy Point, Dundubara and Freshwater camp areas have been full during holiday periods. During these peak periods Fraser Island staff administered first aid daily. To renew these first aid certificates Great Sandy staff will be attending a first aid school.

For the fishermen - tailor season has been the biggest yet!

Control burns on Fraser Island and Rainbow Beach town blocks have been completed and successful. Q.A.C students visited Cooloola for two days to learn about fire control and management. Weed control has been underway at Cooloola with staff working on Bitou bush control and the army assisting with groundsel control.

Staff have also been busy improving the Freshwater road with woodchip and revitalizing Double Island Point with revegetation, bollards and large rubbish clean up; while on Fraser Island research teams and film crews working on the Humpback whales in Hervey Bay have required logistical support from staff.

Staffing

Workman Justin O'Connell transferred from Fraser Island to Eastern Scenic Rim.
Fiona Stevens appointed as Fraser Island worker.
Stan Powell transferred from South Cooloola to North Cooloola.
Malcom Middis appointed to North Cooloola.
Damien Miley appointed to North Cooloola.
S/O/S Cifuentes Fraser Island, has been doing survey work at Mt Barney.

Gympie District

A new information office has been constructed at Noosa National Park. In operation since April it has become very popular with park visitors and has proven to be a good outlet for the sale of Service items. Numerous display panels adorn the office interior providing information on the park which can be interchanged with seasonal activities ie. Ground parrots, wildflowers, etc.

The Office also serves as a permit issuing centre for Fraser Island and Cooloola. Future additions of the interior display include a stuffed koala and Sugar glider, examples of fauna found in the park.

The official opening of the Office will be held on 23 October 1988 by the Honourable Geoff Muntz with local scouts providing Hay Box Stew (I hope it tastes better than it sounds) for lunch.

Beverly Short has been appointed on casual basis at Noosa Office.

Bundaberg District

Whales have been the major attraction in Hervey Bay for the past six weeks. During September to mid - October Humpback whales visit the waters of Hervey Bay on their return journey to Antarctica. Scientists have been conducting research this year to determine their reason for stopping in Hervey Bay. Indications are that it may be for breeding purposes.

The Service has been involved in assisting film crews based on Fraser Island and researchers with logistical support. A Ministerial whale watch tour was conducted on 20 September 1988 with the Honourable Geoff Muntz, various Service staff and local government members present. Assessment for further protection of the whales was the purpose of the trip and as a result Hervey Bay will now be considered for gazettal as a Marine Park.

Following the whales is turtle season, beginning at Mon Repos in November. Preparations are underway with erection of a temporary information centre, boardwalks to the beach have been completed and a large re-vegetation scheme will soon start. Prickly pear has been a pest problem which has recently been depleted by 95% with manual removal of 350 - 400 tonne.

Staffing

Bob Schultz has replaced Bill French as Senior District Overseer.

PHUNNY PHONE CALLS

Among the numerous phone calls placed through Maryborough Office we often receive complaints or requests that leave you wondering about the human species. - the most frightening aspect is that they are serious. Some examples -

Prior to magpie season a female caller had been observing a group of six or so magpies sitting on her fence. She said that they looked as if they would soon be breeding and wanted them taken away before they started swooping.

While still on eradication of wildlife - another caller had recently moved into the outer Maryborough area and was petrified of snakes. She requested National Parks to catch all the snakes on her property (quite a few acres of bush!)

With the oncoming of summer also comes the Channel-Bill Cuckoo or Storm bird. A caller was being waken during the night by one of these birds and wanted something done about it. Staff advice - turn up the radio so you can not hear it or wear ear muffs.

But they don't just ring they also come into the Office

A concerned citizen reported a bait laid opposite our Office. On closer inspection all was revealed - badly decomposed bananas in a plastic bag!

SHOW SUCCESS!

This year the Wide Bay-Burnett Sub-Region purchased a new display to be exhibited at public shows. Thanks to the designer, Rick Nattrass, gone are the days of standing in front of a display panel waiting desperately for someone to notice while the crowds mill around a flashing shark's head or some other attention grabber.

The idea of the display is to encourage the public to preserve and plant trees for wildlife habitats. A 'house' frame with hollow logs attached and a large forked log sitting in the centre is the basic structure. The logs have been cut horizontally and constructed so the public can lift the top section to view native animals inside. Animals we have used include possums, gliders and a koala which sits in the forked log. All the framework is collapsible and colour coded for easy erection. Plants placed inside the structure add colour and give examples of trees that can be planted for wildlife.

Accompanying the habitat structure we also used display panels showing various literature and posters. Next year we hope to have a set of Bainbridge boards explaining the importance of habitats and to add an extra dimension, a recording of native animals played in the background.

Between April to August five shows were attended with this display including the Travelling Bicentennial Exhibition held in Maryborough. It was popular at all events, as could be expected with live animals present. We even scooped first prize for best pavilion exhibit at the Sunshine Coast Show. Being R.N.C. orientated the majority of enquiries referred to wildlife, with the most popular question being 'is the koala real?'

Now that we finally have the 'flashing shark's head' drawing the public within our grasp we can utilize this display to the best of our advantage as an interpretive tool.



Michelle Zelow

STAFF NOTES

Lucy Rickert, an office trainee in Toowoomba completes her training with us on 18.10.88. All the best with future job hunting Lucy! The experience gained during the magpie breeding season and the first stormy weeks of the user-pays scheme will be outlined in her forthcoming book - "What every trainee should know about employment with the Q.NPWS."

Greg (X-Q.NPWS) and Narelle Oliver have done the Bicentennial baby bit with the arrival of a daughter - Jessie Grace.

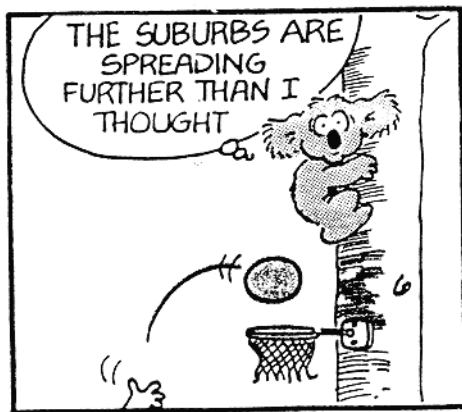
Perer Cantarella is back at work after a 6 month break.

Office trainee, Jo Wilson completes her training in the Charleville office at the end of October, and already has a job lined up.

Charleville Social Calendar

The annual Mulga-Thumpers B & C was held on October 8 & 9. A contingent from the Charleville office were tipped to be in attendance. LATE NEWS: as usual this event was an outstanding success.

Q.NPWS Charleville Christmas party is planned for December 2nd. Good Value at \$6.00 (All inclusive) per head.



PAPER!

The Toowoomba office has started to recycle paper. It is as simple as phoning your local paper recycler and having a bale delivered. While the \$\$\$\$ raised are unlikely to make us millionaires, the satisfaction of knowing that we can recycle some of our resources is worthwhile.

HONARY PROTECTORS

Yet another attempt is underway to contact all living HP's in the Downs & South-West Sub Region, and to establish how active they are. All dead HP's are also requested to advise us so accurate records can be maintained. Interview to discuss the areas where HP's and volunteers can assist are being held on October 15 & 16.

R.N.C

Farmfest

September 6 -8 saw a mad flurry of activity as D&SW staff coped with Farmfest. As in previous years Q.NPWS shared a marquee with DPI & Forestry. This year Greening Aust and Conservation Farming Info Center Dalby joined in. While this made the marquee very full, the displays provoked lots of interest. Our display promoted the field day at Cameron's property "Rockwood". Record crowds (in excess of 80,000) attended farmfest over the three days

R.N.C (Cont.)

Field day

A successful field day was held at Chris & Mary Camerons property near Chinchilla in late September. Over 100 people rolled up for the day and persevered in spite of hot conditions. The theme of the day - Agrigulture and wildlife in balance was demonstrated by a property tour where Chris explained how they are developing their property "Rockwood". Their innovative approach to property management was acknowledged when they were presented with a Greening Australia Tree-Care Award.

AROUND THE PARKS

A new shower block is almost completed at Burton's Well. It's a bush shower, with the option to heat your own water.

At Dandabah, the re-re-development is underway including landscaping and sealing carparks.

As a Bicentennial project, the Bunya Mtns NHA provided name plates for 25 trees on the 4km scenic circuit. The 25 common trees are named twice. The track was officially opened by Gordon Stone and Harry Hunter (Nanango Shire Council) in September.

The Bunya Mountains Management Advisory Committee, which was established to tap a broader community reaction to the park management has been operating successfully. The next meeting is planned for November 8th.

At Lake Broadwater, the NHA has completed a Bicentennial Tree planting project in the recreation area. An Arboretum has also been planted near the cottage. Further landscaping is planned for both the residence and the cottage. In early December, a launch is planned for a book compiled and co-ordinated by the NHA. The book, a natural history of Lake Broadwater and Environs is the culmination of this bicentennial project.

Stirred by a spirit of patriotism in the bicentennial year, Fassifern and Warwick District historical Societies, with assistance from local councils and the Q.NPWS, restored the towering stone monument at Cunningham's Gap. A plaque noting their efforts and a sign providing information about Cunningham's Gap are planned. It is hoped that all work will be compiled and actually opened in late November.

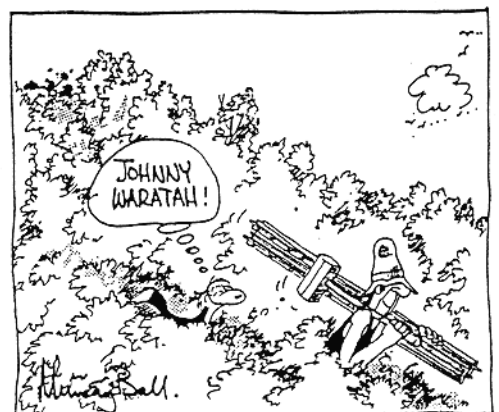
Southern Downs staff have recently taken displays to the Texas Round-up, Texas Show, Glenie Hts fete and assisted at Gatton Show.

Meanwhile, out at Southwood, persistent efforts have got the fences under control. The electric fence is operational and many km of netting are repaired.



Expose yourself to ...

Rural nature conservation



There are those people who blow their own trumpet and call their own fan fare - there are others that do the same job, do it well and don't expect thanks, they are the quiet acheivers.

We have plenty of them in Queensland National Parks and Wildlife Service but we never hear from them. The following article I dragged out of Keith Sullivan, he works alone in an area bigger than the rest of Moreton sub-region put together, a real one man band.

(Just a) One Man Band

Overseer responsible for Boonah/Rathdowney M/A encompassing the Lake Moogerah Peaks (French, Moon, Greville, Edwards); Mt Barney Complex (Barney, Maroon, May, Ernest, Lindsay, Clunie, Ballow); Mt. Chinghee; Lower Lamington (Christmas Creek, Running Creek, Kerry Valley).

8 Environmental Parks from Beau Brummell (Laidley) to Telemon, Rathdowney near Qld/N.S.W. border.

Excess of 20,000 ha. of National Park

" " 120 neighbours.

Mt French is highly rated in Australia and internationally known as a rock climbing area. Because of rockclimbing and absailing it is also believed to have the highest death and serious injuries rating. Since September 1985 the Boonah hospital has recorded 3 deaths and 27 injuries.

The summit plateau of Mt Maroon provides possibly the best wildflower display of any south Queensland mountain.

Mt Barney is regarded by most walkers as THE mountain among our local mountains, being not just one mountain but dozens of them all rolled into one, by virtue of the numerous ridges and peaks of which it is composed. It is the second highest mountain in S.E. Qld.

Prison program - 3 days per week - Prisoners come from Palen Creek and have carried out redevelopment of the Lower Portals track, Mount Barney, and are currently redeveloping Mt Edwards walking track. The program has been operating since June 1987.

Rural Nature Conservation program which includes visiting the local Agricultural Shows with the caravan and static display. Last year 11 shows were visited including Gatton which is in the Toowoomba region. Gatton was co-ordinated by O/S Karen Hunter from Main Range. Karen also helped man the display at Kalbar and Boonah shows. Where possible, Park staff from within the area of the show help man the displays.

It's great to be busy!!

Keith Sullivan O.I.C. BOONAH



• Prisoners Robert Gibson and Gary Lawrence (left and right) work on the Mount Edwards walking track with supervisor Keith Sullivan.

Working for the Park gang

TWO Palen Creek Prison Farm inmates work three days a week to improve National Parks within the Boonah Shire.

National Parks Overseer for the Boonah-Rathdowney Management Keith Sullivan of Boonah has supervised the prisoners from the minimum security farm at Palen Creek for about a year.

Palen Creek Prison is situated between Rathdowney and the State border.

"We have recently completed a walking track on Mount Barney and a fire-break at Mount Edwards," he said.

"Most of the prisoners are in the last stages of their prison terms, and give no trouble. I find that they work very well, and prefer to do outdoor tasks," he said.

The current project is to repair the walking track which runs from the dam face at Lake Moogerah to the summit of Mount Edwards.

The three kilometres of steep track was badly eroded in floods earlier this year.

The team from the Prison farm consists of

Gary Lawrence, formerly of Ipswich, who will shortly reach the end of a nine-year sentence, and Robert Gibson from the Gold Coast who expects to be released in August 1989 after a two-and-half year prison term.

Mr Sullivan said that he was very pleased with their work, and expected to keep the same pair indefinitely.

Each of the Palen Creek inmates said they liked the outdoor work in National Parks much better than other jobs.

Further tasks for Keith Sullivan to tackle, either with Gary and Robert or with others selected from the Prison Farm's 80 inmates, will be a carpark for visitors to Mount Greville's walking track and scenic gorge, and a tar-surfaced path to allow wheel-chairs to be used on a short excursion from the carpark to Mount French's North Cliff lookout.

"This work will be speeded considerably by help from prisoners such as the two I have working with me at Mount Edwards," he said.

— MAL McLAUCHLAN

SPICERS SPIKY PEAK

Did you ever have that feeling when your mouth opens and droops, your eyes pop and your belly falls through your feet. Sudden bouts of nausea, enough giddiness in the brain to make your last great hangover fairly mild.

Well, thats what the powers that be wanted me to go through, all in the name of the Service.

So I put on my enthusiastic face and launched myself at the terror. Gee, this is fun!— One of the best things I've ever done and get paid too. It was so thrilling, clint and struggle for ten metres, rest, crawl and scramble for ten metres, rest, laugh and cry, rest, slip and slide, cringe and shake, rest, just keep on going, don't look down.

The sweat in your eyes, the pain in your legs, the fear in your smell, oops. If the big boss was here I'd tell him to do it himself. Think of the things you wish you has always done and wishing you were doing them.

Trying to make up an excuse so you can leave. You get a brainchild then realize it won't work cause here you are twenty million metres above ground and only twenty million left to go. who forgot the flare gun, your brain screaming 'Somebody save me'.

Now is the crux, to go on or to go down. You can't decide what to do, here sneaks the little voice of reason, you've come this far, surley you can go a little further and you say 'Why not', this is an adventure of a lifetime. I'm having a good go at playing the conquering hero, besides if I pull out now everybody will know I'm chicken!'. So on I go.

After all this I'm feeling pretty smug, bugged and burnt out for sure, but still fairly pleases with my meagre effort. I wondered how

many other pioneers of the mountains have been here before me. Can't have been that many. I mean to say how many fools are there in the world.

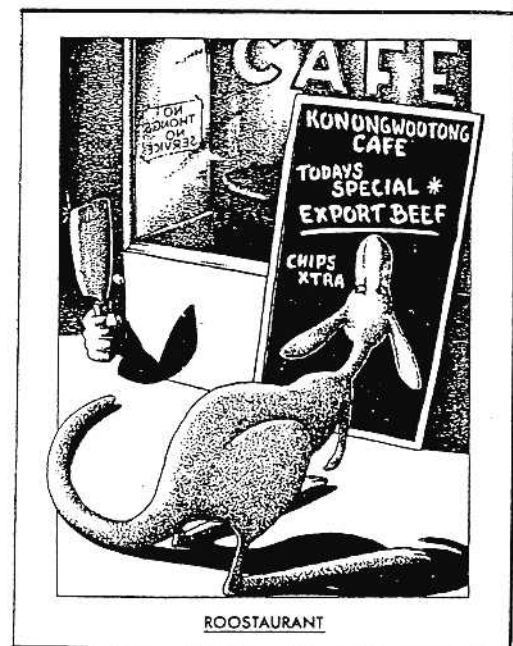
This great feeling makes me feel 'King Of The Mountain', so lets go and see what I command. I scramble along this ledge, swing round this tree, I must get there soon, cling over this rock and there it is, spread out before and below me.... Did you ever have that feeling when?

That was an enjoyable day, ascending Spicers Peak from the north and descending south which was different but equally enjoyable. After camping on Double Top it was a quick cling down then a pleasent walk to our vehicle with me sprouting how good it was, let's do it again sometime. And guess what, next week we climbed Huntley and Asplenium with me singing 'One Tin Soldier'.

So come on up to Main Range and go for a walk, I'll tell you where to go.

Glen Elms
Main Range

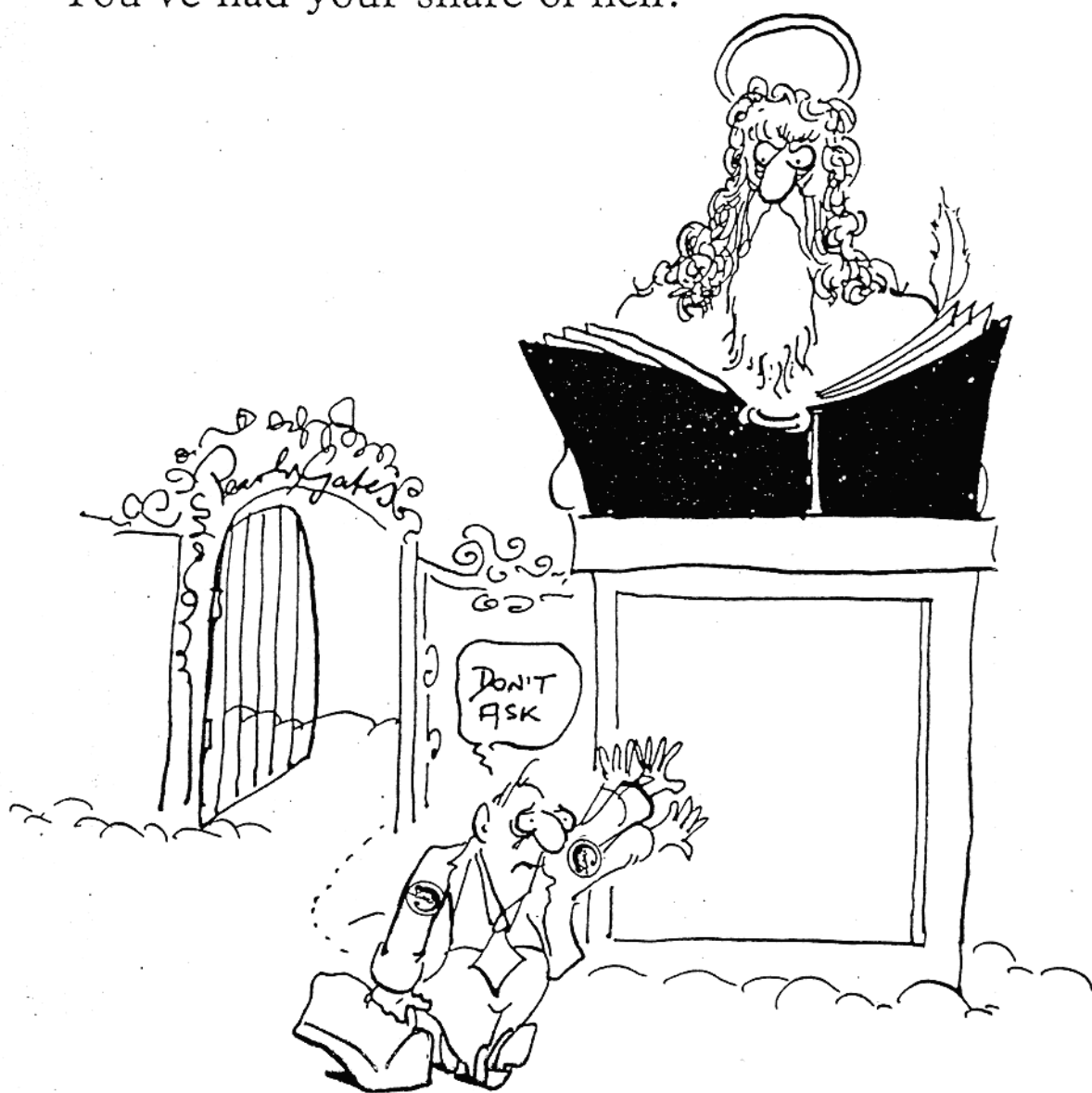
---oo0oo---



The Chief Ranger stood at the Golden Gate,
His head was bent and low,
He meekly asked the man in white,
'Sir, which way do I go?'

'What have you done' St. Peter asked,
'That you should come up here?'
'I kept a National Park below,
For many and many a year'.

St. Peter opened wide the gate,
And gently pressed the bell,
Come right inside and choose your harp,
'You've had your share of hell!'



Prrrrr.

PR Corner (Planning and Research Contributions)

In searching for an appropriate title for a R & P page in Brushtale, some other brilliant suggestions were made, but were rejected for a variety of spurious reasons.

Superheroes Hall of Fame

- lacks the typical modesty of R & P staff.

PARSON'S NOSE (Planning and Research Section Occasional Notes with No Off-colour Seedy Entertainment.

- The title was a little too obscene and was also rather unfortunately to be accompanied by a drawing of someone being crucified on a cross - but too close to truth for comfort. Anyway this anonymous author is about to take up duties at Green Mountains, so his contribution won't count.

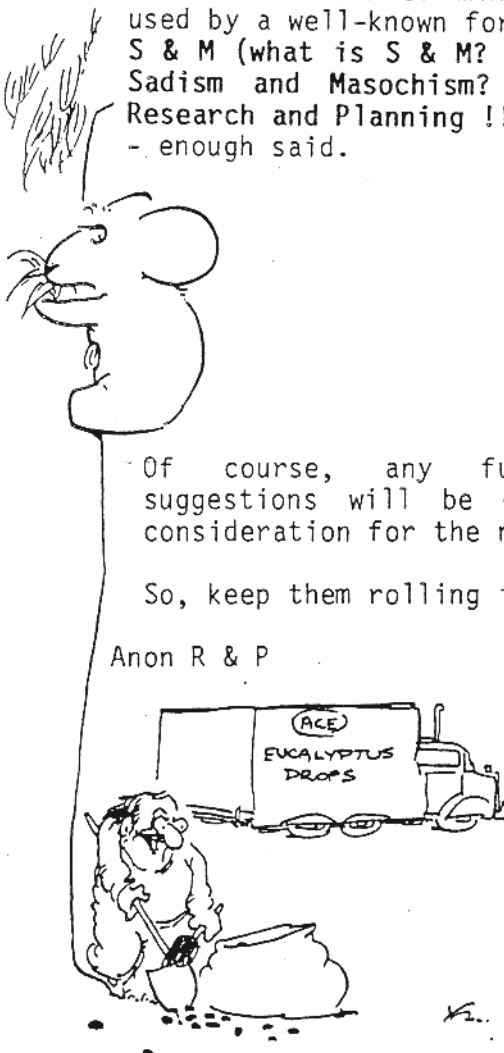
Out of the Fire and into the Frying Pan

- too reminiscent of mixed metaphors used by a well-known former premier. S & M (what is S & M? Could it be Sadism and Masochism? NO!! It's Research and Planning !!!!)
- enough said.

Of course, any further witty suggestions will be given serious consideration for the next issue.

So, keep them rolling in.

Anon R & P



Research and Planning Section

Woody Weed Control

C. Sandercoe, Moggill. Newly trialled chemical control methods for some woody weeds have been recently reported in the Biological Branch of the Queensland Department of Lands Annual Report 1986-87. The weeds selected for this article are those that management staff in the Southern region may find a problem on parks. The information may also be useful for RNC activities with park neighbours. Further advice can be sought from Alan Fletcher Research Station (AFRS) at Sherwood, Brisbane, or Tropical Weeds Research Centre (TWRC), Charters Towers.

SISAL HEMP (*Agave americana*)

AFRS - T.R. Armstrong and K.L. Kay

The following results have been obtained from herbicide screening:-

- overall spraying - no water-based herbicide works, with or without wetter
- 2,4,5-T ester at 10 g/L distillate (= T-800 at 12.5 ml/L) gave 80% control
- Picloram ester/2,4,5-T ester at 2/8 g/L distillate (= Tordon 1040 at 20 ml/L) gave 95% control
- Stem injection with glyphosate (as Roundup CT)
- Hexaflurate (as Nopalmate) at 5 kg/ha in 100 L water after bulldozing - both treated and untreated areas are still clear 1 year after dosing.

TWRC - M.P. Bolton, M. Foley and W.J. Dorney

An infestation of sisal hemp on Shaw Island was inspected, in September 1986, on behalf of the Queensland National Parks and Wildlife Service. A small trial was set out with various amounts of Amitrole-T on cut stumps, and on hollowed-out growing points. A report recommending further trial work was prepared and sent to QNPWS, Townsville and Conway National Park.

A request for assistance with these trials was received from the newly appointed Northern Regional Natural Resource Overseer, Matt Foley. In May 1987 many

chemicals were applied as overall sprays, cut growing point, (where appropriate) ground injection, and injection directly into the plant. The first two application methods would seem most appropriate. From the earlier trial, 20ml of neat Amitrole-T applied to the hollowed-out growing point is the most efficient treatment, so far.

Several enquiries on the control of the species were received, particularly from Magnetic Island.

•PRIVET (*Ligustrum* spp.)

TWRC - P.E. van Haaren

Privet seems to be an ever increasing problem to the Tablelands shires and National Parks of north Queensland. This former cultivated hedge plant has literally gone wild, infestations varying from impenetrable thickets and dense clumps to more sparsely spread plants, all seeding prolifically. Research in progress consists of screening dichlorprop acid (as AF302) and 2,4-D acid (As AF201) for basal bark and cut stump application. Further screening trials on both herbicides and methods of application may be pursued if warranted.

•AFRICAN BOXTHORN (*Lycium ferocissimum*)

AFRS - K.L. Kay

Demonstration trial plots were set out on african boxthorn in the Gladfield and Goondiwindi districts using the sprinkler sprayer and glyphosate at 36 ml/L (= Roundup at 100 ml/L). Excellent results were obtained at both locations.

•TIGER PEAR (*Opuntia aurantiaca*)

AFRS - T.R. Armstrong and K.L. Kay

Sprinkler spray application of hexaflurate at 39 to 58 g/L (= Nopalmate at 40 to 60 g/L) in a spray volume of 100 L/ha is resulting in several years of selective residual control. It is better than sprinkler spray application (at 100 L/ha) of 2,4,5-T at 10 g/L of kerosene (= T-400 at 25 ml/L), amitrole/ ammonium thiocyanate at 50/44 g/L (= Amitrole-T at 200 ml/L), MSMA at 100 g/L (= Daconate 8 at 125 ml/L), imazapyr at 10 g/L (= Arsenal at 40 ml/L). Sprinkler spray application of hexaflurate was also better than spot gun application of hexaflurate at 61 g/L (= Nopalmate at 62 g/L) applied at 20 ml/spot.

•BROAD LEAF PEPPER TREE (*Schinus terebinthifolius*)

AFRS - K.L. Kay

Herbicide trials set out on broad leaf pepper tree indicated they are susceptible to basal bark spraying with 2,4,5-T and stem injections with picloram/triclopyr (= Tordon TCH).

•YELLOW BELLS (*Tecoma stans*)

AFRS - T.R. Armstrong and K.L. Kay

Successful treatments from screening herbicides were -

- High volume spraying of glyphosate at 3.6 g/L (= Roundup at 10 ml/L)
- Sprinkler sprayer application of glyphosate at 36 g/L (= Roundup at 100 ml/L).

•CHINESE CELTIS (*Celtis sinensis*)

Recommended treatments from herbicide screening are:

Stem injection and cut stump -

- picloram/triclopyr at 40/20 g/L of water (= Tordon TCH at 499 ml/L of water)
- glyphosate at 225 g/L (= Roundup CT at 333 ml/L water)
- 2,4,5-T ester at 200 g/L (= T-800 at 250 ml/L water)

Overall spraying -

- glyphosate at 3.6 g/L (= Roundup at 10 ml/L water)
- picloram amine/triclopyr ester at 0.5/1.5 g/L (= Grazon at 10 ml/L water)
- triclopyr ester at 2 g/L (= Garlon 480 at 4.2 ml/L water)

Rope wick application -

- glyphosate at 120 g/L (= Roundup at 333 mL/L)

•CAMPHOR LAUREL (*Cinnamomum camphora*)

AFRS - T.R. Armstrong

Camphor laurel trees can be killed with the following treatments -

Overall spraying (trees up to 3 m high):

- 2,4,5-T at 2 g/L (= T-400 at 5 ml/L water)
- picloram amine/triclopyr ester at 0.5/1.5 g/L (= Grazon at 10 ml/L)
- triclopyr ester at 1 g/L (= Garlon 480 at 2.1 ml/L water)

Basal bark spraying (trees up to 6 m high):

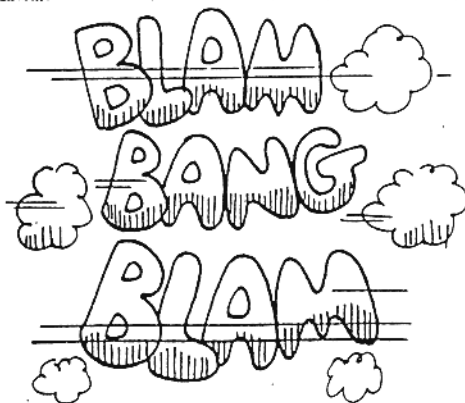
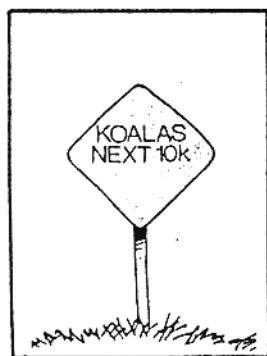
- 2,4,5-T at 20 g/L (= T-400 at 50 ml/L diesel)
- triclopyr ester 9.6 g/L (= Garlon 480 at 20 ml/L diesel)
- picloram ester/2,4,5-T ester 2/8 g/L (= Tordon 1040 at 20 ml/L diesel)

Stem injection (medium trees 2 to 6 m high):

- glyphosate at 0.36 g/25 mm of cut width (= Roundup undiluted at 1 ml/25 mm of cut); the spacing between cuts must be no more than 25 mm.
- picloram/triclopyr at 67/33 g/L (= Tordon TCH at 667 ml/L); for larger trees, use Tordon TCH undiluted.

Cut stump (for suckers, seedlings and trees):

- Use any of the herbicide mixtures mentioned under basal bark spraying or stem injection.



St Helena

SHORT OF TIME AND MANPOWER.

With the impending official Open Day set at 6 October, and Fergie and Andy tipped as our ribbon snippers the completion of certain projects on St. Helena Island National Park was looking ominous. With the two longer term staff being either hospitalized or away on leave and the painstaking work of reconstructing the Chief Warders Residence doubled with the construction of the new Clivas Multrum toilets taking up all the carpenters time things were looking grim for associated and smaller projects.

One such project and smaller projects.

One such project was the transformation of the dairy constructed by Don Seymour (lessee sharefarmer of the 50's) from prison-era timber into a shelter shed. It was considered necessary to retain the old framework as the materials were taken from the Warders Church/Schoolhouse but as the structure itself was post-prison to render it unmistakably post-prison as well as functional. Volunteer labour was the contemporary answer to this dilemma. The first suggestions were the old standards. Wynnum-Manly Rotary Club, who have done so much for St. Helena Island in the past, the Royal Yacht Club, the Manly Trailer Boat Club. Somehow it didn't seem appropriate to continually conjure up the old faithfuls.

That decided I then engaged in the process of picking every immediate brain for attention or suggestions until Mick Brindell from SHIEU mentioned that TAFE colleges had willing students and teachers screaming for projects to practice their skills on as long as materials were supplied.

After initial on-site negotiations over plans and photographs of five Mt Gravatt TAFE Construction lecturers offered not only to create the shelter shed but to rebuild the two broken chimney places in the Chief Warders Residence, construct our new low profile railway sleeper outdoor furniture (see Paul Kummerow for copies of his revolutionary non-obstructive design) as a college-based assignment and engage in some plumbing and drainage activity associated with the Chief Warders Residence.

The college bricklayers and carpenters work out at the Island on a daily basis

from Monday to Thursday and are transported by the Queensland National Parks and Wildlife Service vessel PRION. To their great credit they require no park staff supervision and minimal professional direction from John Hughes (the Queensland National Parks and Wildlife Service roving trade supervisor) and his boys. The staff are competent and experienced and despite the added travel and supervisory time enjoy the break from the college and the practical experience available to their students. So when time and lack of staff slow down construction projects on your park call the Pre-vocational section of your nearest TAFE college. They'll love to hear from you.

Further details from: Jana Kahabka,
St. Helena Island National Park
PO Box 66
MANLY, Qld 4179
(07) 396 5113



ST HELENA

And a royal island visit



THE Duke and Duchess of York will let their daughter, Princess Beatrice, make her own decision about who she wants to marry.

In a radio link-up between historic St Helena Island and a police car at Pinkenba, where the royals' hovercraft trip across Moreton Bay had ended, Tourism Minister Geoff Muntz suggested Queensland as the ideal honeymoon destination for the eight-week-old Princess.

Mr Muntz went one better than New South Wales Premier Nick Greiner, who suggested Princess Beatrice should come to Australia as part of her royal education.

"Perhaps she might marry an Australian and honeymoon in Queensland, because it's a beautiful place," he said.

The unflappable Fergie, who had just eaten an icecream with Prince Andrew and the royal entourage, sounded amused as she replied: "Thankyou very much."

She quickly added: "As to whether our daughter will marry an Australian or not, I think we'll leave that up to her. She's a bit young, I think."

The Duke's naval training was evident as he carried out the opening of the St Helena Island jetty by radio, and had Mr Muntz unveil a plaque by proxy.

"Repeat please — over —," came his voice on the police radio.

Prince Andrew regarded the beaching of the hovercraft as a minor mishap, even a bit of an adventure.

"This is the Duke again, I'm very sorry

we're unable to see you today, it's something that happens to us every now and then," he told the disappointed crowd waiting on the island.

"If you can imagine, we're sitting beside the Brisbane River, sitting in fact in a police car talking to you."

"It's quite sunny here, and we've just had a icecream as well."

Perhaps there was no one on St Helena Island as disappointed as Beaudesert couple Dawn and William O'Connell, who were to have had the Duke and Duchess travel in the horse-drawn carriage.

"I could cry, this is dreadful," said Mr O'Connell, in period costume.

"Kate told the whole class Poppy and Nana, were going to drive Andrew and Fergie around."



□ Above: The polished First Moretons practice the drill the Duke and Duchess of York never saw.

□ Left: Preparing for their re-enactment of the dark days on St Helena Island are Brian Gentle (left) and Chris Lahey.

□ Right: "I can see everybody there and see the flags waving," Fergie told these school children on St Helena island by police radio from Pinkenba.



... by proxy

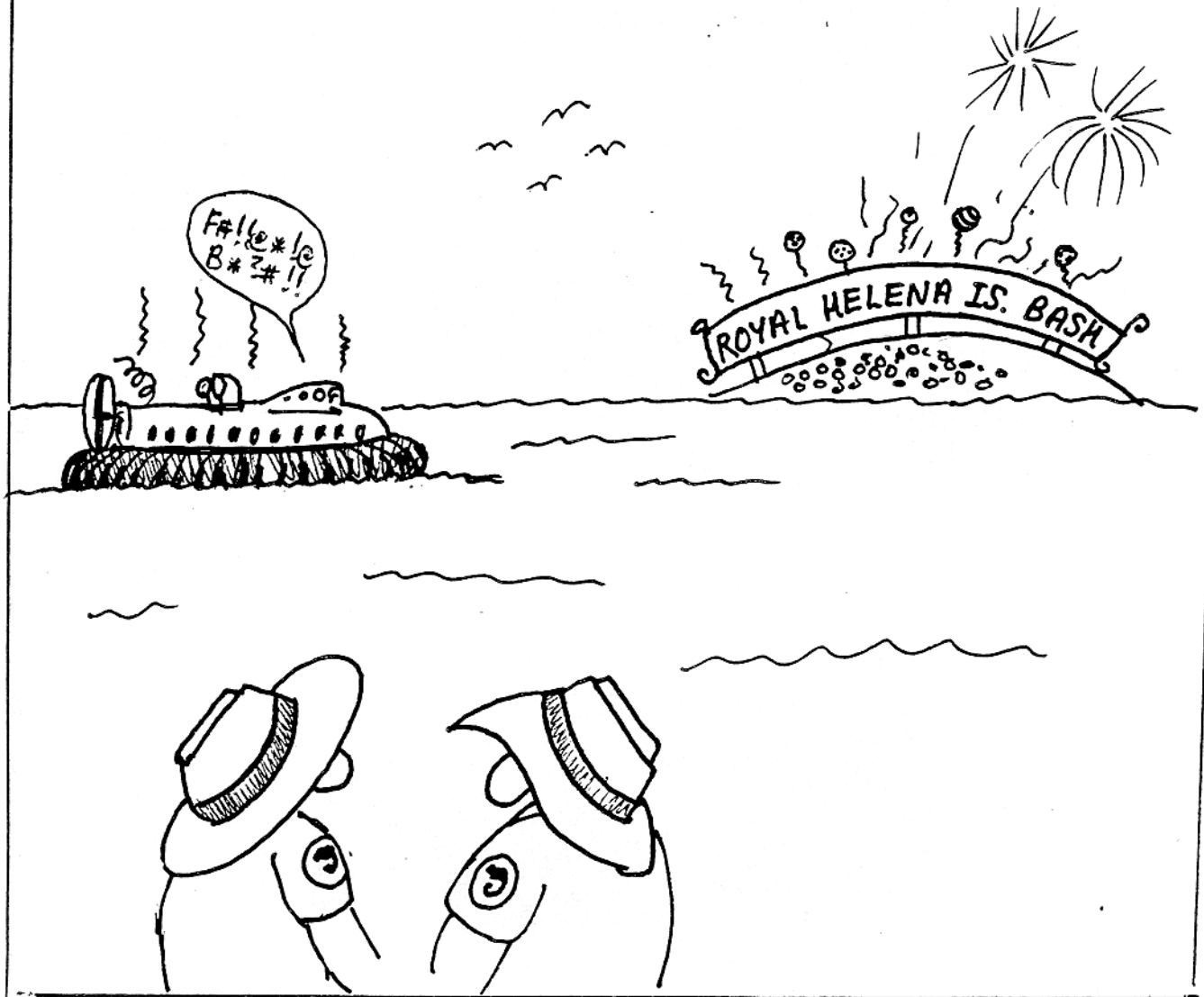


□ Above: David Gibson (left), Peter Forzin and Eileen Mitchell sweltered in their period costumes waiting for Prince Andrew and Fergie.

□ Right: Gold Coasters of the Albert Battery, Lance Bombardiers Terry Grotski (left) and Val MacSweeney were among the disappointed crowd.



Technical hiccup leaves locals gloomy



Possible captions:

- 'They should have used the Service 'Dugong', er, I mean 'Prion'.
- 'Too good to be true'
- 'Well, there goes Cris' knighthood'
- 'Last big cock-up - we got to see her knickers!'
- Hover Mirage, Too Good To Be True
- 'I knew, getting the Hovercraft in to carry her weight wouldn't work'.
- 'Bloody women pilots!'
- First it was a dream then a mirage which turned into a nightmare.

Tamborine Bush Volunteers

The volunteers have completed two weekends of work for the Service at Tamborine on the 7, 8 and 14, 15 May.

Attendances were approximately 12 people on both Saturdays and 8 people both Sundays.

Tasks were undertaken in Cedar Creek National Park on three of the days and these included:

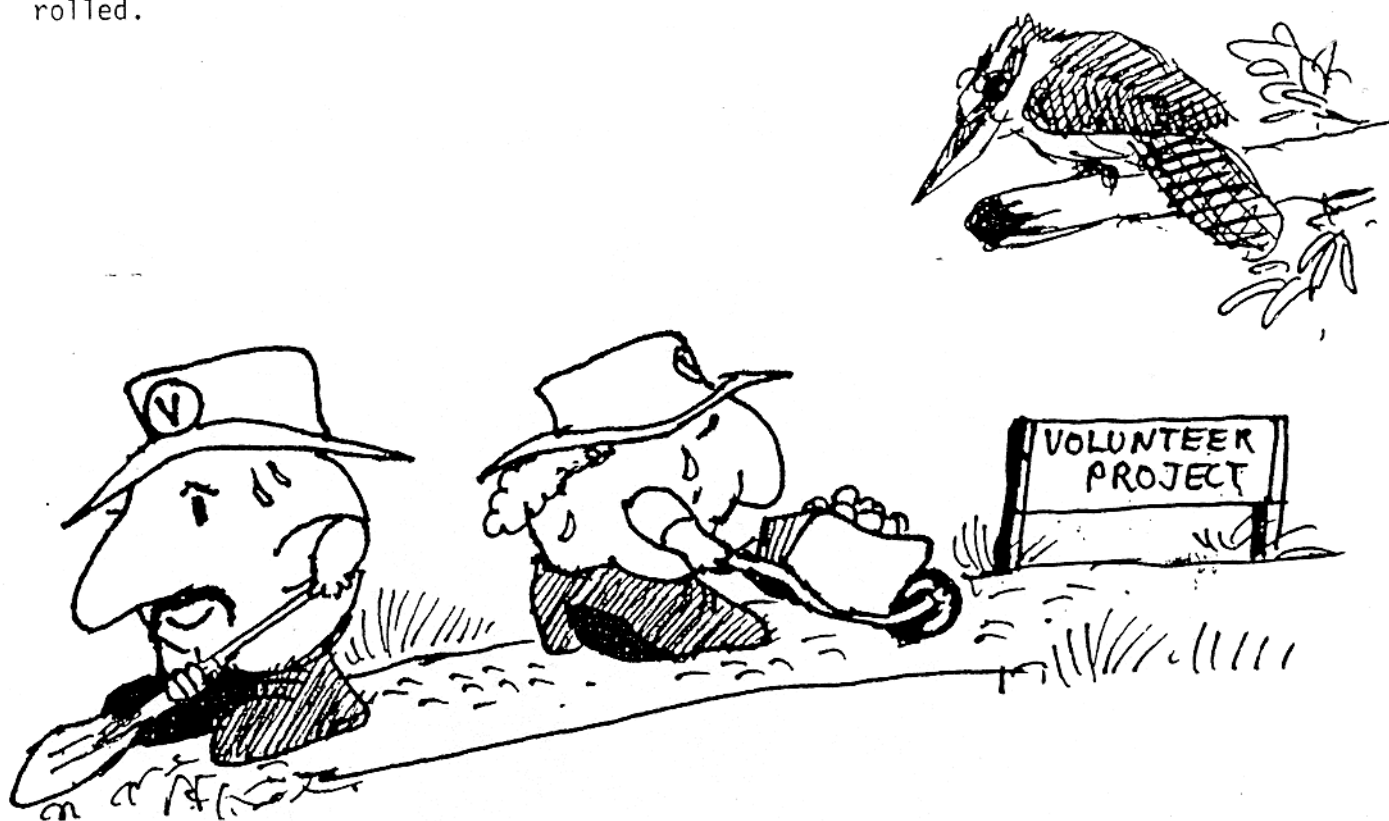
- revegetated areas weeded and fences tightened.
- picnic grounds mowed.
- carpark barriers and bollards cleared of weeds, grass and painted.
- Track in picnic ground - 110m
 - . rocks removed and placed in gutted out part of track.
 - . top dressed with road material from thicknesses of 2" up to 8" in gutted parts.
 - . track compacted with wacker packer and sprayed with colas.
 - . 6mm screenings spread then rolled.

The 4th day was spent in the Knoll National Park working on the circuit track.

- water drains were cleared and rebuilt.
- track was levelled with hoes and shovels.
- vegetation growing over the track cleared.

Comments from the volunteers on the weekend's work expressed the enjoyment they experienced socially and the knowledge some had gained from the track reconstruction. The next project will take place on 4, 5 June in Franklin National Park eradicating lantana. Projects will then be limited to one weekend a month.

Jenny Schultz



Rob Davern,
Overseer-in-Charge,
Lamington National Park,
Green Mountains
Via CANUNGRA....4275.

Recently at Green Mountains a SEARCH & RESCUE WORKSHOP was held to familiarize and standardize procedure, communication and equipment.

Among the 65 present, were Police, State Emergency Service, Air-Sea Rescue [with the Westpac Helicopter], Q.A.T.B., National Parks & Wildlife Service, O'Reilly's and Binna Burra Resorts, and Volunteers.

I would like to thank those who gave their time to attend, in particular the guest speakers, and O'Reillys who provided the venue and lunch. There was a lot of constructive input, and from this a committee has been formed to establish a standard operating procedure for the two areas in Lamington National Park, this will also lead to a disaster plan being formulated for the Scenic Rim.

For others who wish to formulate a similar disaster plan, please don't hesitate to contact me on 075-451734 at Green Mountains. The three main points that were highlighted, were:-

1. No single radio frequency that all groups could communicate on during a search and rescue.
2. The professional jealousy and fractional infighting, between and within the different groups is endangering the lives of patients and places the lives of rescue parties at risk, [which should be of the highest priority].
3. All in attendance expressed concern as to why this type of workshop hadn't taken place before and how soon could they conduct one in their area so that they could form a committee to establish a STANDARD search & rescue operating procedure that would be included in the formulation of a Disaster Plan for ALL AREAS.



Helicopters aid rescues

SURF rescue helicopters are now equipped to a standard which rivals a hospital emergency room, claim sponsors Westpac Banking Corporation.

The free service is on duty 24-hours a day, every day of the year, around Australia for not only surf rescue but also search and medical evacuations.

Westpac sponsors surf rescue helicopters on the Gold and Sunshine Coasts, another two in Sydney and others at Newcastle, Adelaide and Perth.

The surf rescue helicopter service is in its 15th year of operation and hundreds of people throughout the nation now owe their lives to its dedicated volunteers.

Westpac joined the Surf Life Saving movement in 1973 to pioneer helicopter rescue services and it is now in the final year of a three-year, \$3.4 million sponsorship.

The bank says the helicopter rescue service —

operated by the Surf Life Saving Association of Australia — is the largest of its kind in the world.

In Queensland, one helicopter is based near the Gold Coast at Carrara while the other is on the Sunshine Coast at Maroochydore.

The rescue service works in close co-operation with the ambulance, police, fire brigade, State Emergency Service, Department of Transport and Communication and the National Parks and Wildlife Service.

Missions

Between all organisations, the rescue service helps provide a complete rescue and medical role in the community.

The helicopters are used for search and rescue operations on land and sea, transfer of body organs for transplant, carrying fire-fighters and transporting vehicle accident victims to hospital.

Other rescue missions include assistance with lost bushwalkers or injured rock climbers, emergency transfer of pregnant women to hospitals and the movement of neo-natal cases between hospitals.

The rescue service has about 39 doctors, 53 crewmen and 25 pilots.

All pilots are employed by the Surf Life Saving Association while many of the other professionals work as volunteers on roster.

Pilots selected have thousands of hours of helicopter flying experience and rigorous training in rescue operations.

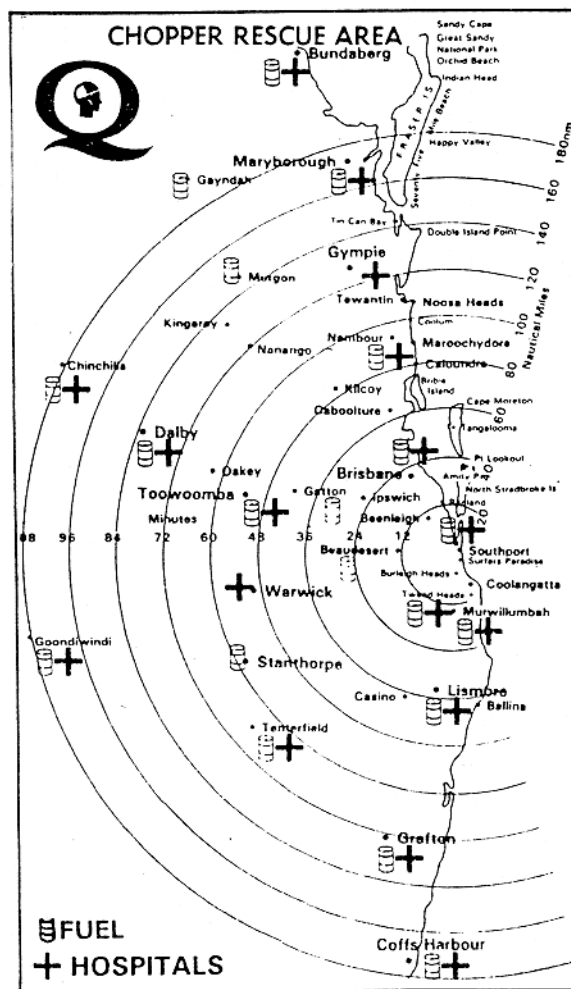
Specialists

At all times, the helicopters carry the minimum crew of a pilot, medical specialist (doctor or paramedic) and rescue crewman.

Medical staff undergo extensive initial and continuous training in all aspects of emergency and helicopter based medicine.

Specialist doctors are used when required to meet specific needs.

Rescue crewmen have many duties, including safety officer, radio operator, winch man and medical assistant.



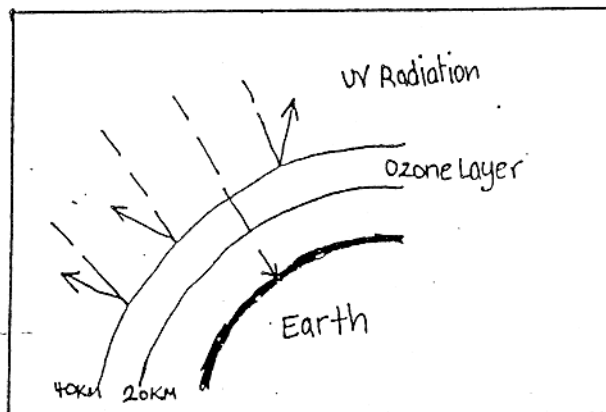
Oh! OZONE...

A few words from your friendly
Greenhouse Effect representative
..... Carolyn Sandercoe.

Since presenting a couple of Seminars on the Greenhouse Effect and Global Ozone Depletion problems there has been a lively response by southern regional staff to these issues. To recap on some of the facts presented and to keep you informed on new developments/information. I will try to prepare an article in each edition of Brushtale.

THE OZONE DEPLETION PROBLEM - Some facts.

Ozone is a molecular form of oxygen containing three oxygen atoms. Very low concentrations of ozone in the upper atmosphere form a barrier that substantially protects most life on earth from the sun's harmful ultra-violet radiation. About 90% of the earth's ozone shield lies from 10-50 km above the planet's surface, with the highest concentration at 25 km.



In June, 1974 two American scientists published a report which warned of a possible threat to the ozone layer from the release of chlorofluorocarbons or CFC's.

These compounds had been synthesised in 1928 by American chemists searching for a non-toxic, non-inflammable refrigerant gas. Under the trade name "Freon" they became the principal gases used in refrigerators and air conditioners.

From the 1950's, CFCs found increasing use as the propellant in aerosol cans. For example, Australian sales of aerosol cans rose from 63 million units in 1969 to 124 million in 1974, and 50-70% of these contained CFC propellants. In 1974, about half the CFCs produced annually were used for spray cans, while about one third were used in refrigerators and air conditioners.

In 1951 another use was found for CFCs as the expansion gas used to manufacture polyurethane and polystyrene foam plastics, while in recent years the electronics industry has made extensive use of Freon 113 as a solvent for cleaning microchips. Relatively minor use is made of CFCs for food freezants and medical sterilants.

The Problem

In 1974, scientists warned that, as chlorofluorocarbons were very stable compounds with a life of 40-150 years and were not water soluble, they would rise to the stratosphere where the intense UV light would photo-degrade them and release free chlorine. This chlorine would have the potential to catalyze the conversion of ozone to oxygen, with each atom of chlorine able to destroy thousands of molecules of ozone.

They predicted that if nothing was done to restrict the use of CFCs within a decade, because of their long-lived nature, ozone destruction would continue throughout much of the 21st century.

The Response

Fortunately, the concept of a "doomsday spray", with its B-grade science fiction qualities, appealed to the world's news media and the problem received a good deal of attention.

Oh! OZONE...

Aerosol manufacturers were not slow to react to the adverse publicity. By September 1975 the Johnson company was taking out very large ads in Australia's newspapers, notifying the public of the removal of CFCs from all of their major aerosol products. The Aerosol Association of Australia reacted differently, opposing a ban on CFC use in aerosols on the grounds that the case was not yet proved, and that it would "cause unnecessary hardships to millions of Australians" (Australian Financial Review May 31, 1976). As the CFC industry hardly employs millions of Australians, we can only assume that the "hardships" must have involved having to switch to roll-on deodorants or manual spray applicators.

In the U.S. the industry was said to have "fiercely resisted" the March 1, 1977 ban on CFC spray cans by the American state of Oregon. During this year world-wide sales totalled about 3000 million CFC-filled spray cans, which ejected more than 500,000 tonnes of CFCs into the atmosphere. Spray cans accounted for about 3/4 of total world CFC productions, while the remaining 1/4 was divided evenly between air conditioning and refrigeration on the one hand and foam plastics production on the other.

In 1978 the U.S. Environmental Protection Agency imposed a ban on what they called the "non-essential" use of CFCs in American aerosol sprays. Soon after, Canada, Sweden and Norway followed suit. In Australia, the Australian Environment Council decided to examine the problem in August, 1977 but it wasn't until 1983 that the National Health and Medical Research Council and the Australian Environment Council reached a conclusion on the issue. They jointly decided to call on industry to voluntarily convert from the use of CFCs to other propellants "whenever possible".

Despite the North American and Nordic bans, world-wide production of CFCs continued to grow. Production of CFC 11 and 12 reached 700,000 tonnes in 1984, an increase of 7% over the previous year.

The Antarctic Hole

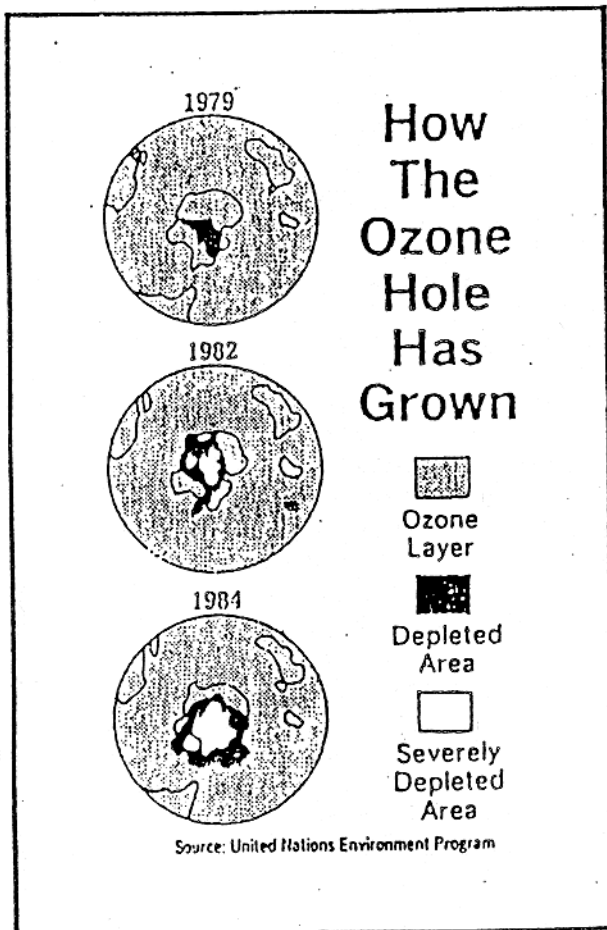
Global concern about human induced ozone depletion was rekindled in March, 1985 when scientists from the British Antarctic expedition discovered a substantial "hole" in the ozone layer over Antarctica. Their ground-based observations detected the hole, which had been missed by American satellites because the NASA data-processing system had been programmed to reject values below certain levels as a fault in the detection equipment. When the original data tapes were re-examined, the Americans verified the British team's findings.

The ground based observations in the Antarctic show that the ozone layer was more or less steady from 1957 to 1978. Both data sets show that since 1979, the "ozone hole" has been an annually recurring event during the Antarctic spring. Ozone concentrations start to decline during September as the sun returns after the long winter night. They reach their lowest point during October, and then begin to recover again in November.

The "hole" grew in width and depth each year until, by 1985, ozone levels were down nearly 50% over the entire Antarctic continent. In 1986 there was a mild recovery with ozone concentrations returning to 1984 levels. Results of last year's studies have not yet been released, but have been described in press reports by American researchers as "15% lower than in the lowest previous year of 1985".

A recent analysis of chlorine levels over Antarctica appears to show a clear relationship between the amount of chlorine in the air above Antarctica (20-50 times higher than previously measured anywhere) and the depletion of ozone. The Jet Propulsion Laboratory research team note that "while this is not proof of a cause and effect relationship between halogenated source gases and the springtime ozone depletion, it is entirely consistent with such hypotheses".

Oh! OZONE...



Another important development during 1986 was the discovery of a smaller and less pronounced ozone "hole" over the Arctic. The area of greatest decline is centred over Spitzbergen, halfway between Scandinavia and the North Pole, but a cavity of diminished ozone extends over northern Europe to Leningrad. Six years of satellite data indicate that the lowest levels occur during October and February.

Satellite and some ground observations have indicated an annual decrease in global atmospheric concentrations of ozone of up to about 0.5% per year between 1979 and the end of 1985. More recent research has indicated that 0.5% per year may in fact be an underestimate, and the real depletion rate is more likely to be close to 3% per year. The rate of disappearance of ozone in the upper atmosphere follows the pattern predicted by several computer models developed to predict the impact of CFCs on the ozone layer.

While it is not yet proven that pollution from CFCs and other human produced chemicals have caused the dramatic decreases in the protective ozone shield, concern about the implications of the decreases has finally galvanized international co-operation to curtail CFC use.

Why Worry?

Australian studies indicate that for each 1% reduction in atmospheric ozone, there will be a 1.7% increase in the amount of harmful ultraviolet radiation penetrating the ground, when ozone reductions are relatively small. Bigger ozone reductions produce a proportionately larger increase in UV radiation.

The ecological consequences of increased UV penetration are hard to assess, in that not a great deal is known yet about the topic, and also because ultraviolet input varies substantially from place to place, decreasing with distance from the equator.

There is concern that aquatic organisms which spend all or part of their life cycle near the water's surface could be adversely affected. For example, it is known that excess UV inhibits photosynthesis in some phytoplankton species more than others, which could have an impact on the community structure of organisms of fundamental importance in many food chains. The larval stages of some fish also are UV sensitive. It has been suggested that estuarine organisms will be subjected to increased thermal stress as well as UV stress.

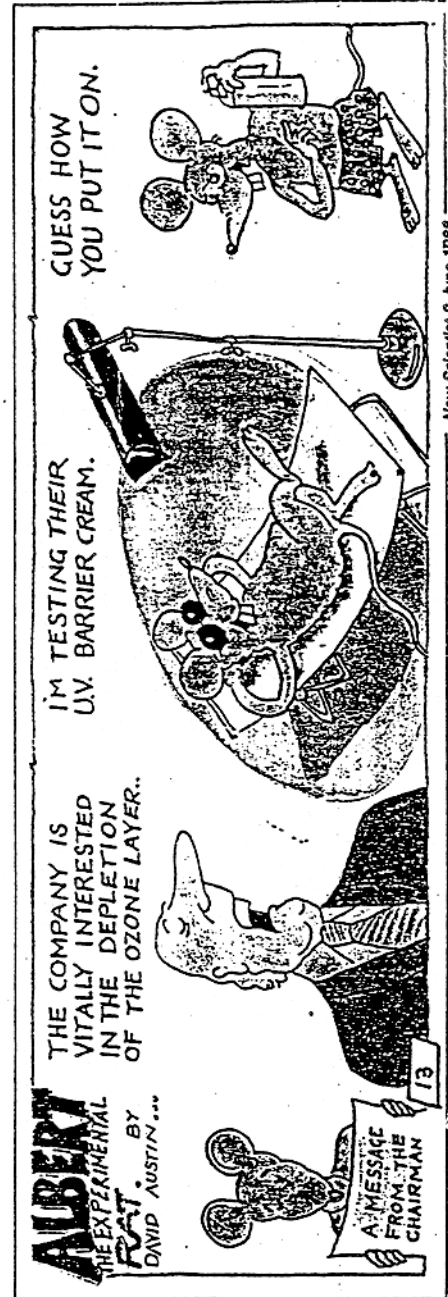
On land, some crops may experience reduced growth as a result of increased UV, but the "greenhouse effect" should result in a warmer climate with higher levels of carbon dioxide that might exert countering influences. Accompanying changes in global rainfall patterns may prove of much greater significance. CFC's are, in fact, thought to be contributing from 10-30% to the climate warming produced by carbon dioxide and the other 'greenhouse gases'.

Oh! OZONE...

Increased UV is likely to cause genetic damage to many organisms. Both epidemiological studies of humans and animal experiments link squamous cell skin cancer and eye cataracts to ultraviolet radiation. Basal cell and the frequently fatal, melanoma skin cancers are thought to be linked to UV exposure, but this has not been proven.

Increased exposure to UV may also have a harmful effect on the immune system of animals. Animal experiments have shown that the ability to deal with herpes infection, other skin infections, and some cancers is affected by UV exposure.

Next issue I plan to write about some of the latest legislative attempts to reduce CFC production and to discuss what we can do personally and collectively to overcome the ozone depletion problem. I freely acknowledge large scale plagiarism of an article written by Dr Eddie Hegerl in the Bulletin of the Australian Littoral Society Volume 11 No.1 February, 1988.



Wedding Bells for Dot.

Dot (Dothothy Finch) and Chick (Ian Robb) were married at Atherton on 9 July 1988. From the southern region, Carolyn and Jana made their way up to Atherton from Cairns, riding in style in Mick Godwin's (Far Northern Region) rather impressive Suzuki soft-top 4-WD - bonnet rid, side doors red and white stripes, canopy that's green, home-made back seat green and blue, topped by a large blue tin trunk fastened by octopus straps (What a way to go!).

The wedding ceremony was held in a beautiful garden sitting outside Dot's grandmother's home followed by a reception at the Lake Eacham Hotel at Yungaburra. This beautiful old pub was built early this century utilizing many rainforest timbers and studded with attractive stained glass windows. Dinner was delicious homestyle cooking served as a smorgas-board. Afterwards speeches flowed freely, all expressing a very sincere message of what very special people both Dot and Chick are. I think all of us in the region who have had the pleasure to get to know Dot and Chick would heartily agree, and wish them both the very best in their future life together.

Carolyn Sandercoe.

ENGAGEMENTS

Vic Bushing & Vera

Rob Hughes & Manon

Carolyn Sandercoe & Dave McFarland

STOP PRESS Rod Hancock (Toowoomba)

has announced his engagement to Madonna.

AND BELIEVE IT OR NOT.....

DAVE BATT AND MAGEN ARE
ARE GETTING MARRIED!!



NEWSFLASH !

WORLD FAMOUS GROUND PARROT
RESEARCHER LANDS
LIFELONG CONTRACT...

New research program
begins early December

MATING BEHAVIOUR &
NOCTURNAL RELATIONSHIPS
TO PRIME FOCUS OF STUDY

WORLD RENOWNED
COOLOOLA BOTANIST
AGREES TO PARTICIPATE
IN RESEARCH PROGRAM

REPORT EXPECTED
LATE 89-90

Steve Johns...had a 7lb 3oz Baby
.....and the doctors were suprised.

Gossip from Rainbow Beach.

A camper was speaking to a ranger on the phone. The camper said she had been to the office recently and had spoken to a tall good looking ranger with glasses - Mark Johnson said he didn't have any tall good looking rangers with glasses working at Rainbow Beach. Ranger Shamus Conway was in fact the tall good looking ranger with glasses.....the woman obviously went to the Rainbow Beach office to report the loss of her glasses.

A letter Overseer Mike Hall of our Springbrook office received.

Dear Ranger

is there guest house still in Springbrook. If they are still there will you please write a letter the name the guest house what name street they are in what the name national park is the bus running from Burleigh Heads to Springbrook for Local bus.If there is no Local bus from Burleigh Heads to Springbrook how much is the taxi fare from Burleigh Heads to Springbrook.

A. Camper

Please reply with small words -
Jim McDonnell

★ ★ ★

A CORRESPONDENT has sent a copy of a court report which appeared recently in a newspaper in County Louth, Ireland:

"Malone said that soon after the party came into his bar, Milligan spat at O'Flaherty and called him a stinking Ulsterman.

"O'Flaherty punched Milligan, and Rourke hit him with a bottle. Milligan kicked O'Flaherty in the groin and threw a pint of porter in Rourke's face. This led to ill-feeling and they began to fight."

With so much acting going on in the new department it is ironical that it no longer includes the arts portfolio.



WANTED!!

A NAME FOR A BABY BOY WITH
THE SURNAME STONE.

GORDON STONE (Toowomba) and wife have just had a nameless baby boy on Monday night.

Your Suggestions.....

Rolling Stone

Birth Stone

Kidney/Gall Stone

No Stone

Petra Stone

Litho Stone

Grind Stone

20 Stone

Gem Stone

Green Ginger Stone

Lime Stone

**** Michael Stone was promptly given

his name after Dad was faxed this memo.

CONTINUING EDUCATION FOR PARK STAFF

There have been a number of enquires recently from field staff regarding courses in Park management through correspondence. The following articles may give you some indication of the type of courses being offered and the institutions you contact for further information.

Di.

DISCIPLINE: PARK MANAGEMENT

AWARD Proficiency Award - Parks Management

INSTITUTION & ADDRESS Australian Horticulture Correspondence
School
264 Swansea Road, Lilydale. VIC 3140

NUMBER OF STUDENTS (1984) approx 20

DURATION OF COURSE average 500-600 hours (Limit 12 months per
subject)

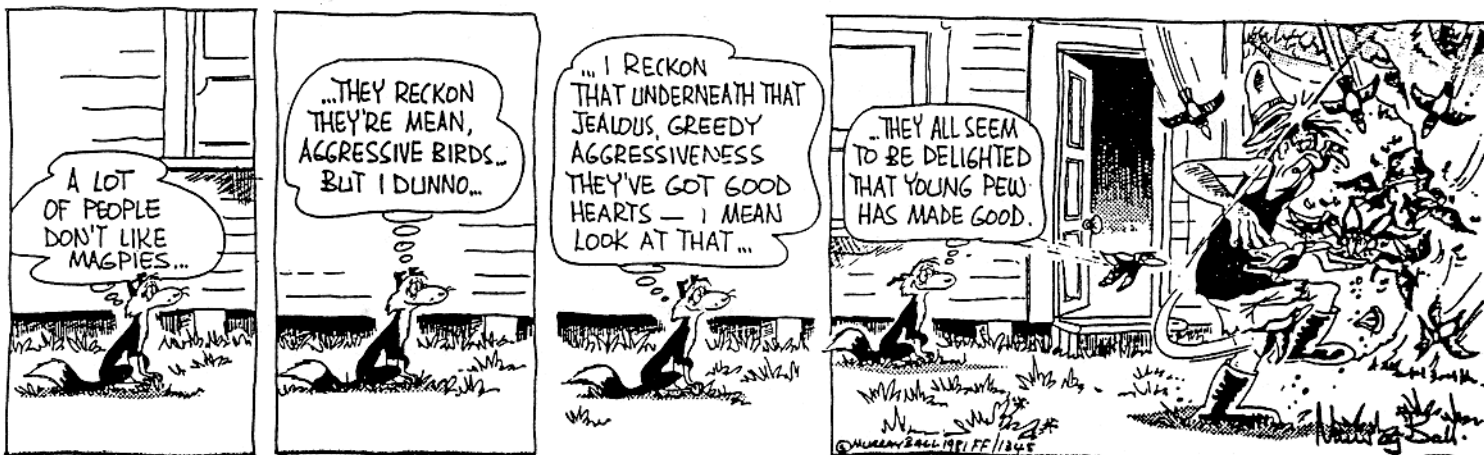
TYPICAL CONTACT HOURS 8.30am-5.00pm Mon-Fri

PART/FULL TIME, CORRESPONDENCE Correspondence

PRE-REQUISITES Either a) Qualification in General
Horticulture (Diploma, Certificate
Apprenticeship etc.)
b) Significant experience in Parks
Management.

TYPICAL EMPLOYMENT PROSPECTS Parks Management, Parks and
Gardens Administration/design/
interpretation.

COMMENTS The course includes two subjects - Parks and
Playground Design and Administration - plus a
research project. The course also requires the
completion of 200 hours approved work experience
under the direction of a qualified Parks
Administrator.
Correspondence courses available in all states.



DISCIPLINE: PARK ADMINISTRATION

AWARD Associate Diploma of Horticulture

INSTITUTION & ADDRESS Ryde School of Horticulture
59 Parkes Street, West Ryde N.S.W. 2114

NUMBER OF STUDENTS (1984) 150

DURATION OF COURSE 4 years, part-time plus field work

TYPICAL CONTACT HOURS 11 hours/week

PART/FULL TIME, CORRESPONDENCE Part-time

PRE-REQUISITES Higher School Certificate with selected subjects

TYPICAL EMPLOYMENT PROSPECTS Supervisory and management
positions - parks and nursery
situations.

COMMENTS This amenity/ornamental Horticulture Diploma offers
elective subjects in Parks and Nursery options in
Stages 3 and 4.

DISCIPLINE: ENVIRONMENTAL CONTROL

AWARD Associate Diploma in Environmental Control

INSTITUTION & ADDRESS Orange Agricultural College, PO Box 883,
Orange, Cojointly with Mitchell C.A.E.
Bathurst

NUMBER OF STUDENTS (1984) 44 full time, 70 external

DURATION OF COURSE 2 Years

TYPICAL CONTACT HOURS 24 hours/week

PART/FULL TIME, CORRESPONDENCE Full-time, Part-time, External

PRE-REQUISITES H.S.C.

TYPICAL EMPLOYMENT PROSPECTS National Parks and Wildlife/Soil
Conservation/Land Reclamation
and Rehabilitation/Air and
Water Pollution Control

COMMENTS The course has two main strands, being (a) a science
based strand catering for analysis of air and water
quality and (b) a land use management strand
covering soil, flora and fauna management.

DISCIPLINE: NATURAL RESOURCES

AWARD: Graduate Diploma in Natural Resources

INSTITUTION & ADDRESS: Roseworthy Agricultural College
ROSEWORTHY SA 5371

NUMBER OF STUDENTS: 16 (1985)

DURATION OF COURSE: 1 year full-time, 4 years part-time, or external

TYPICAL CONTACT HOURS: 18 hours/week

PART/FULL TIME, CORRESPONDENCE: Part/Full time and correspondence to be offered shortly

PRE-REQUISITES: Completion of Undergraduate Degree

TYPICAL EMPLOYMENT PROSPECTS: Resource Management, Research, Government Departments.

COMMENTS: In addition to course work, each student can undertake an appropriate individual study project.

DISCIPLINE: PARK MANAGEMENT

AWARD Park Ranger's Certificate

INSTITUTE AND ADDRESS: Department of General Studies
Hobart Technical College, P.O. Box 228
NORTH HOBART TAS 7002

NUMBER OF STUDENTS: 60 (1987)

DURATION OF COURSE: 3 years part-time (approximately 460 hours correspondence, plus 25 full days at practical sessions)

PRE-REQUISITES: At least Year 10 passes at Level 2 in Maths, English and Science

TYPICAL EMPLOYMENT PROSPECTS: Grade 1 Ranger





Northern Rivers College

of Advanced Education

P.O. Box 157 LISMORE. N.S.W. 2480 AUSTRALIA

Phone: (066) 23 0600

Diploma in Applied Science

Nursing
Community
Blue Nursing
Psychiatric Nursing
Hospital Nursing
Developmentally
Disabled Nursing

Associate Diploma in Sport Science

Recreational Leadership
Fitness Leadership
Sports Coaching
and Administration

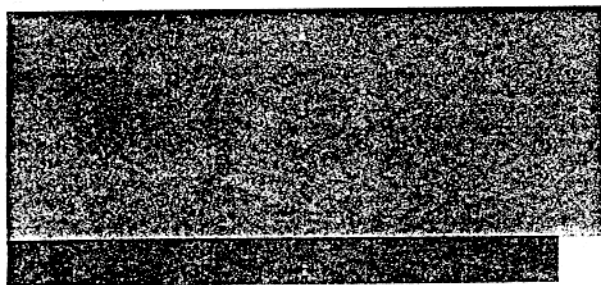


Bachelor of Applied Science

Research Officer
in Fisheries
Research Officer
Department of Agriculture
Research Officer State
Pollution Control Commission
Environmental Officer
Local Government
Consultancy
Interpretative Officers
National Parks Officers
Marine Parks Officers

Assoc. Diploma in Applied Science

Field Officers
Rangers Assistants





WILDLIFE & PARK MANAGEMENT

This two year applied science course has been packaged in a 4-6 year part time External Studies version to meet the increasing demands and responsibilities of professionals working in **Wildlife and Park Management**.

The profession is very diverse, covering a broad range of nature conservation and outdoor recreation resource management roles. These are found across the country in a variety of settings from urban parks to remote reserves.

The South Australian College of Advanced Education's **Wildlife and Park Management** courses are designed to cater for this diversity.

Course content is a careful mix of theory and practice, so that students learn to apply skills essential to the professional management of parks, wildlife and people in outdoor leisure settings.

The SA College of Advanced Education liaises closely with employers and workers in the field, and is aware of the increasing need for professional development in various management skills.

Fulltime parks and wildlife managers will appreciate the convenience of the "External Mode", by which students can now study part-time and by correspondence from around Australia and overseas.

ADVANTAGES OF EXTERNAL STUDY

Many people find it very difficult or even impossible to attend regular classes on the College campus because they live too far away or because of the nature of their employment.

Studying by correspondence means that they can gain tertiary qualifications with less disruption to themselves and their families.

External students will then have access to College facilities, including library, computers, and both video and audio equipment, as well as receiving packages of learning materials.

They will also become part of the growing number of conservation resource managers associated with the College.

In-Service Students

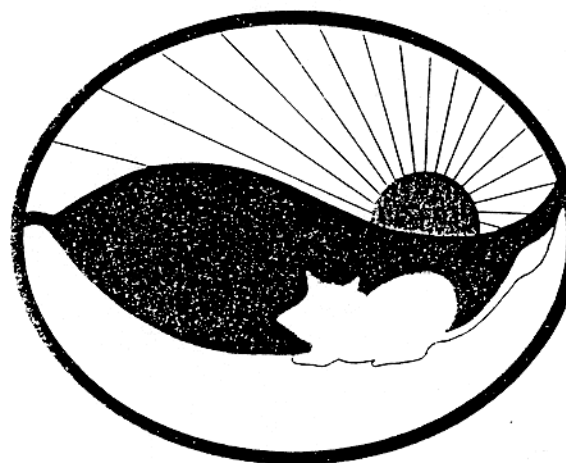
During the past ten years many Rangers and other conservation resource managers from around Australia have studied the course at the SA College's Salisbury campus.

The External (Correspondence) Mode means the College can provide better access to study for in-service professionals.

In-service tertiary study gives these people the opportunity to practise while they learn.

Pre-Service Students

In the past, the SA College's **Wildlife and Park Management** internal courses have been offered to pre-service students. These will continue, and the College is now pleased to offer places to those who cannot attend regular classes on campus.



ADMISSION REQUIREMENTS

People may be admitted to the course if they satisfy one of the following criteria:

- they have already successfully completed part of the Associate Diploma in Wildlife and Park Management
- they are over 21 years of age and are eligible through the College's Mature Entry Scheme
- they have satisfactorily completed South Australian Year 12 studies or the interstate/overseas equivalent.

STATUS AND EXEMPTIONS

Students who have already completed some units of the Associate Diploma can apply for status in those units.

Exemptions for certain subjects may also be given to students who have taken similar studies at other tertiary institutions.

Consideration will also be given to applications for exemption from professionals in the field who have completed appropriate in-service training.

ATTENDANCE REQUIREMENTS

Students are required to attend two intensive schools during the four year course.

In the second year, a seven day intensive school is normally held during the mid-semester break of the second semester (i.e. between late August and early October).

An 18 day intensive school is usually held mid-way through the fourth year of the course (i.e. late June-early July).

The venue of these will depend on the numbers and location of students. Where appropriate they can be held close to regional centres such as Adelaide, Darwin, Alice Springs, Perth, etc.

There will also be short (1-2 day) regional visits by College staff during each year of the course. Attendance at these sessions is voluntary but highly recommended, as face-to-face meetings allow rapid resolution of course problems experienced by students.

Staff and students also keep in contact:

- by using telephone and teleconferencing
- through course materials
- via audio and video tapes

COURSE STRUCTURE

An associate diploma usually takes two years full-time study to complete — or four to six years for part-time (external) students.

There are 12 units of study to complete (out of a total of 14 with two elective options); each unit has a value of six points and 72 points must be gained to graduate.

A typical four year program for external students is outlined overleaf.

FURTHER INFORMATION

The Course Co-Ordinator

Associate Diploma

(Wildlife and Park Management) — External

South Australian College
of Advanced Education,

Smith Road,

SALISBURY EAST SA 5109

Telephone: (08) 354 6379

AIMS: To provide a management education which prepares graduates for employment in organisations involved in the management of protected areas (natural areas, modified landscapes and wildlife habitats) to maintain and enhance natural, heritage and recreational values.

To provide a program of study which sets environmental management within a social, economic and scientific framework.

ENTRY: Queensland applicants will be considered for normal entry on gaining a Tertiary Entrance Score of at least 810.

(Persons intending to seek admission to this course are advised to select a unit from each of the following groups of subjects in each of four semesters in their studies to year 12 level:

Biological Sciences - Agriculture, Biology, Zoology
Mathematics
Physical Sciences - Chemistry, Geology, Physics

A knowledge of Chemistry and Mathematics I will be assumed in the course.)

Applicants from other States will be required to demonstrate that they possess equivalent qualifications.

Candidates who do not meet the formal entrance requirements may also be considered.

DURATION: A four year (eight semester) tertiary level sandwich course which leads to the award of a degree.

AWARD: Bachelor of Applied Science (Parks and Wildlife Management) [B.App.Sc. (Parks & Wildlife Man.)].

CAREERS: Graduates of the Parks and Wildlife Management course may find professional employment in organisations involved in the management of protected areas (natural areas, modified landscapes and wildlife habitats) and in environmental planning and assessment.

Bachelor of Applied Science Parks and Wildlife Management

(subject to final approval)



Queensland
Agricultural
College

NEW TERTIARY COURSE IN LAND MANAGEMENT

THE ASSOCIATE DIPLOMA IN LAND MANAGEMENT

PRACTICAL management training in land resource management is available by external study from Orange Agricultural College. The course was offered for the first time in 1988 and has over 60 students enrolled from N.S.W. and Interstate, representing a wide range of public and private organisations directly or indirectly involved in land management.

Offered in the external or home-study mode, the course enables persons from government and private organisations to upgrade, extend and develop their expertise in the conservation management of land resources. Graduates of this course will be competent in the practical requirements of environmental impact assessment, soil conservation and land reclamation and the management of multiple natural, public lands.

Graduates will first and foremost be able to implement field programs designed to achieve sustainable resource development, the conservation of environments and the rehabilitation of damaged lands. As land managers graduates will be equipped with a combination of both technical and people-oriented skills which will enable them to work efficiently within the integrated framework of land resource management.

To complete the course externally in the normal time (i.e. 4 Years) students will complete 2-3 units of study per semester.

Units are grouped into CORE and OPTIONAL studies.

The first six semesters (3 years) of the course focus on CORE studies. These studies are grouped into the four major systems within which land managers must operate:—

- Human Resource Systems (socio-cultural, political and administrative frameworks, policy development and planning techniques.)
- Natural Resource Systems (earth sciences, soil management, ecology, flora and fauna management.)
- Technology Systems (remote sensing, engineering and design aspects.)
- Economic Systems.

In the final two semesters students may choose units from three land management strands, specialising according to their own situation and needs:—

- *Strand One:* Planning and managing the conservation and use of natural lands, with particular emphasis upon multiple use strategies.
- *Strand Two:* The prediction, assessment and monitoring of environmental impacts of human activities.
- *Strand Three:* The reclamation of degraded lands and catchment management.

The course has been designed with input from environmental consultants and professional staff of key land management agencies.

For more information contact—

DENNIS HODGKINS,
Head, Land Management Group,
Orange Agricultural College,
P.O. Box 883,
ORANGE, N.S.W. 2800.
Telephone No.: (063) 63 5521.

Residential Schools

Most of the subjects require attendance at short (2-4 day) residential schools. These may be held on the Institute Campuses. As well, certain schools will be held at Sydney Harbour N.P., North Head in association with the NSW National Parks and Wildlife Service. For students in the Northern Territory residential schools are held in Alice Springs in association with the Northern Territory Conservation Commission, as well as in Hobart in cooperation with the Tasmanian National Parks and Wildlife Service.

Admission Requirements

Ordinary admission is based on acceptable performance in the NSW Higher School Certificate or interstate equivalent.

Special admission may be granted to applicants who are able to produce evidence that they have reasonable prospects of success if admitted to the course. This evidence may include maturity, employment experience (rangers, park workers, site officers etc.), or performance in post-secondary studies.

Exemptions

Applicants who have undertaken study at another tertiary institution may apply for exemptions from appropriate subjects in the course. Special subject exemptions may also be considered for field managers of the NSW National Parks and Wildlife Service, the NT Conservation Commission and the Tasmanian National Parks and Wildlife Service who have completed approved in-service courses.

Further Information

More information about this course can be obtained from:

The Course-Co-ordinator,
Associate Diploma in Park Management,
Riverina-Murray Institute of Higher Education,
Murray Campus,
PO Box 789,
Albury NSW 2640.
Telephone: (060) 23 0800.

How to Apply

Apply directly to the Institute on forms available from:

The Registrar,
Riverina-Murray Institute of Higher Education,
PO Box 588,
Wagga Wagga NSW 2650.
Telephone: (069) 23 2240.

Associate Diploma in

Park Management

Riverina-Murray Institute of Higher Education
School of Management & Technology



Why a Course in Park Management

The New South Wales National Parks & Wildlife Service, the Northern Territory Conservation Commission and the Tasmanian National Park Service have initiated the provision of a suitable course for the education and training of their field staff. This has been achieved by offering, by correspondence through the Riverina-Murray Institute of Higher Education (Murray Campus), an Associate Diploma in Park Management. Students may elect one of the three strands:

- National Parks & Wildlife Management
- Outdoor Recreation Management
- Cultural Resource Management

Aims of the Course

The course's main aim is to provide vocationally oriented management studies suitable for those working or wishing to work in national parks, recreation parks, Aboriginal and historic sites, wildlife management, Urban parks and so on.

The strand in National Park and Wildlife Management is specifically designed for those following career paths as field managers in National Parks Services.

The strand in Outdoor Recreation Management is specifically designed for those wishing to manage recreation resources.

The Cultural Resources Management strand caters for those involved in identifying, conserving and managing Australia's Aboriginal and historical resources.

Course Outline

The course is based on four years (eight semesters) of part-time correspondence study. Two subjects are taken each semester. To gain the award, students must complete 8 common subjects, six strand subjects and 2 elective subjects.

The Associate Diploma has also been designed as a subset of the Bachelor of Applied Science (Parks & Recreation) Degree. If a student wishes to upgrade to a Degree at a later date, the subjects completed in the Associate Diploma will be accredited towards the Degree.

Recognition

The course is nationally accredited. Graduates of the program will obtain the award of Ass.Dip. Park Management. The award meets the educational requirement for employment as a Ranger and promotion to Senior Ranger and Superintendent with the New South Wales Parks and Wildlife Service.

MOGGILL CHRISTMAS BREAK-UP

WHAT, YOU MAY ASK, DO -

FISH, HARNESS-HORSES, PRAWNS, DRIVERS,
AND Q.NPWS STAFF AND INVITED VISITORS

HAVE IN COMMON? (THE MIND BOGGLES!!!!)



They are all invited to attend
the one and the only
Christmas break-up at



SILK'S SUMPTUOUS SEAFOOD SMORGASBOARD

on Wednesday evening

21 December 1988

For a mere \$36-00 per head you will
enjoy Brisbanes most talked about
smorgasboard and Wednesday night
trots at Albion Park - two great
outings rolled into one! See you there!!



Gavin Ricketts of the Fauna
Collection Squad will be
receiving bookings accompanied
by the graft money.
For bookings without graft: Di 2020200

WHAT THE HELL
AM I DOING HERE?!

