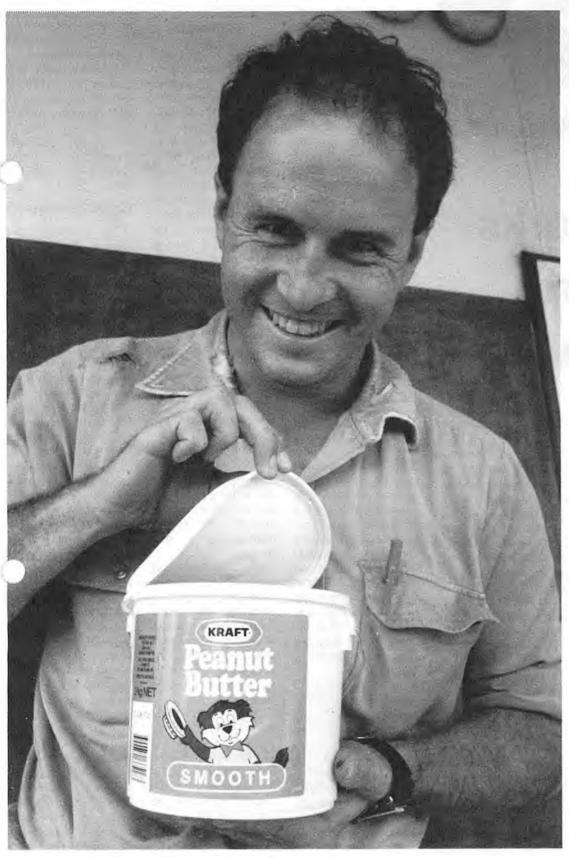
CALM NEWS

DEPARTMENT OF CONSERVATION AND LAND MANAGEMENT

March 1992



Collie forester Brad Barton lifts the lid on trapping secret - peanut butter. Photo by Tanyia Maxted

Collie's Krafty treat

PEANUT butter is the latest device in CALM's program to boost numbers of endangered species in Collie State forests.

Kraft Foods Ltd recently donated 20 kilos of the smooth sandwich paste to the department. The paste is mixed with oats and sardines and used in traps to attract animals such as the woylie (brush-tailed bettong), quenda (southern brown bandicoot), and the chuditch (western quoll, or native cat) which have declined in the wild due to the fox, and to the clearing of bushland for agriculture.

CALM staff trap the animals to determine

by Tanyia Maxted

their numbers in a given area, before, during, and after fox control. The animals are tagged and have their weight recorded before being released.

"We've seen a dramatic increase in the number of woylies since we began the program 15 months ago," said reserves officer Rob Brazell.

Rob and fellow Collie forester Brad Barton coordinate the program and have just secured \$26 000 from CALM's Operation Foxglove fox control program to

continue it over the next two years. Operation Foxglove was unveiled in CALM's Draft Forest Management Strategy, launched recently, and aims to see 20 per cent of the forest fox-free in 10 years' time.

Rob and Brad are presently baiting about 3000 ha in the Batalling forest block in Collie.

The pair have begun to survey three new areas in State forest to determine native animal populations, and assess the need for fox control. Other areas will be added as the need occurs.

"We started trapping to see if woylies that were reintroduced from the Perup State Forest

near Manjimup several years ago were still here," Rob said.

"They were, as were lots of chuditchs - which was encouraging.

"Then, as we began controlling foxes, the numbers of woylies increased, and they have continued to do so.

"It's hoped that the chuditch and bandicoot show a similar response."

Brad said it was hoped that if other endangered species such as numbats, tammars and western ringtail possums animals that no longer exist in the Collie State forests - increased in other areas to a point where their young were

Continued on page 2.

Inquiry over -**CALM** cleared by Williams

AN INDEPENDENT investigation has dismissed allegations of illegal logging activities in Western Australia's southern forest and has cleared CALM of any improper conduct.

Environment Minister Bob Pearce recently released the results of a 17-month inquiry by Daryl Williams QC, who was appointed by the Minister to investigate the claims made by the Conservation Council.

Mr Pearce said he had asked Mr Williams to work through the allegations and CALM's responses to them, although he had been satisfied with CALM's original report.

"There is always a perception of possible bias when any organisation is asked to report on its own activities, so I sought an independent legal opinion," Mr Pearce

"The community needs to know its forests are properly managed and logging operations are above board."

Mr Pearce said

although the inquiry had taken some time, it had CALM's vindicated position. Thousands of delivery notes had been independently checked during the inquiry and not one single case was found where logs were unaccounted for.

No significant breach

The inquiry did not identify any significant breach of the CALM Act, the Forest Regulations or any other statutory provision.

The only breach that had occurred related to what was described as the 'obsolete and redundant' forest regulations which required all logs to be branded.

"CALM acknowledged this is in its initial report to me on its operations," Mr Pearce

"Despite claims that there was a lack of

accountability in taking logs from the forest, Mr Williams has described CALM's contract system as 'excellent'.

"However, Mr Williams is concerned that this 'excellent' contractual system lacks legal headpower under the present CALM Act, and has recommended the Act be amended to rectify this.

"While my advice from the Crown Solicitor is that this point is arguable, I think it is essential to remove any legal question because of the importance of the forest industry to the

"As a result, I will seek to amend the CALM Act accordingly during this session of Parliament," Mr Pearce said.

"Crown Law will prepare amendments to the Act to remove any doubt. As soon as these are passed by Parliament, comprehensive new regulations, which have already been prepared, will be gazetted."

CALM tackles bushland weeds

BUSHLAND weeds are the focus of a recently formed CALM task

"Recognition bushland weeds as a major environmental problem has lagged behind the better known invasive exotic pests and diseases such as the fox and dieback disease," said task force chairman Steve Hopper.

"Yet bushland weeds can be every bit as lethal, causing major structural change to native plant communities, altering flammability, choking out threatened species, and changing ecosystem processes.'

While there are considerable controls over the introduction of exotic animals and harmful microorganisms into WA, plant introductions are less stringently scrutinised.

Only in the case of declared noxious weeds are appropriate policies and controls in place. Exotic plants threaten native ecosystems warrant similar consideration.

Funds sought

CALM's corporate executive has instructed the Bushland Weeds Task Force to develop a CALM policy statement administrative instruction on bushland weeds, subsequently to convene a workshop, and to seek external funds for the study and control of major bushland weeds, and for the preparation and publication of an identification guide to the bushland weeds of WA.

The Task Force is to liaise widely within CALM and with experts

in other organisations such as the Department of Agriculture and the CSIRO.

The Task Force is chaired by Steve Hopper (senior principal research scientist, Woodvale), and includes Ken Atkins (senior biologist flora, Wildlife Branch), Frank Batini (manager, Environmental Protection Branch), David Coates (principal research scientist, WA Herbarium), Greg Keighery (senior research scientist, Woodvale), Neville Marchant (principal research scientist, WA Herbarium), Patrick Pigott (research scientist, Narrogin), Jim Sharp (manager, Policy and Extension Branch) and Peter White (rural advisor, Narrogin).

Continued on page 2.



I HAVE written before in this column about the value of positive feedback. I admit I can get very cross when things don't go right around the Department - especially when well tried and tested procedures are not followed and the resultant cock-up is entirely predictable. On the other hand, I do always try to let people know when they have done well. I have found in my own life that I operate better when I know that what I am doing is appreciated, and I can tell most other people are the same.

I would therefore like to share with readers three gratifying pieces of feedback I have had recently about CALM.

The first occurred on a trip to Sydney, when I was representing the department at a meeting on forestry issues. I simply could not get over the number of glowing comments that were made to me by people form other states. I felt a little like the wise man from the east in reverse, as my advice on all sorts of issues was sought by people who wanted to "do things like CALM does them".

The second positive feedback came from the visiting US and Canadian fire managers who spent a few days with CALM on their tour to Australia and New Zealand. I met with them at the end of their tour in WA and without exception, these overseas specialists came up to me and spoke the praises of the CALM staff they had met out in the field. It made me exceptionally proud to hear such words from international experts.

Finally, I have recently had a report from people associated with tourism in country towns throughout the state. Although they didn't need to say it, this report was glowing in it s praise of CALM's district and park staff. It is quite clear to me that our recreation areas, signs, trails and publications are now setting a standard which is so high that people not only notice it, but are trying to emulate it.

I know that many of you are having a really tough time out there at the moment, as budget and staff cuts bite deep, and I know how sensitive all CALM staff are to the sort of negative feedback we often get from some quarters. I hope the three positive messages related above will help you survive another day.

Roger Underwood, General Manager

STAFF NEWS

Appointments:

Six CALM cadet graduates have had their appointments as Forest Rangers confirmed: Keith Lillie - Manjimup; David Atkins (Inventory) - Bunbury; Stephen White - Harvey; Joy Borison - Kirup; Andrew Milne (Inventory) - Manjimup; Warwick Roe (Research) - Narrogin.

Promotion:

Glenda Pearson to End User Support Officer, Auditor General's Department.

Transfers:

Rob Coughran, Senior Reserves Officer, Harvey; Noel Nannup, Aboriginal Liaison Officer, Narrogin.

CALM NEWS - MARCH 1992

Managing Editor: Ron Kawalilak
Editor: Verna Costello
Contributing Editors: David Gough, Tanyia Maxted,
Carolyn Thomson
Design and Layout: Robyn Mundy
Published by CALM Corporate Relations Division,
Cygnet Hall, (Cnr) Mounts Bay Road & Hackett Drive
CRAWLEY, Western Australia 6009

Copy deadline is the 10th of the month preceding the month of issue.

Telephone: (09) 389 8644 Facsimile: (09) 389 8296



Don Munro Photo by Jim Lane

Top marks for Earth Caretakers

AN EVALUATION of Earth Caretakers, a CALM community education initiative, recently gave high marks to the program designed to encourage ecologically sound practices in the lifestyles of upper primary students.

Supervised and supported by CALM, recreation studies student Zoe Jack from Edith Cowan University evaluated the Earth Caretakers program involving grade five students from the Maida Vale Primary School.

Earth Caretakers is a program developed by the International Institute for Earth Education.

Aside from in-class preparatory work, Earth Caretakers' main motivator is its one-day excursion where children learn about energy flow through becoming 'chlorospies' (chlorophyll spies) in a giant leaf and visiting 'the sun's restaurant.' Post-excursion activities include the identification of students' own environmental bad habits which they then attempt to fix.

Understanding concepts

The evaluation assessed levels of understanding of ecological concepts taught, the extent of enjoyment experienced as well as the extent of sharing the concepts at home for the 29 students involved.

Included were preand post-written tests, observation sessions, interviews with teachers, program leaders and a parental survey.

Excellent response rates were secured for the survey sections. Results showed a 25% increase in knowledge about environmental energy

by Lotte Lent

flow. All students identified an environmental bad habit and 86% of them attempted to fix it.

A significant aspect of the evaluation is the opportunity for insight into the student's home environmental behaviour and a majority of parents said their child was aware of specific ecological concepts after the program.

One half of the parents said their child talked about the excursion at home.

Importantly, parents also stated that they would be willing to pay about \$5.00 to have their child attend such a program (actual cost is about \$6.00 per student.)

As expected, the evaluation raised more questions - many of which cannot be answered without comparative evaluation with other learning programs or situations. A future study which evaluates the longer term effects of Earth Caretakers on the observed students is anticipated.

HELP GROW AN EARTH CARETAKER

Donald Kichard Wunro AFTER more than a by involved small teams o

AFTER more than a year and a half battling cancer, senior technical officer Donald Richard Munro died peacefully on December 10, 1991 at Sir Charles Gairdner Hospital. He was 52 years of age.

Don's association with CALM began when he joined the Department of Fisheries and Fauna in 1967.

As technical assistant in wildlife research Don worked under the direction of Tom Riggert, the Department's first waterfowl biologist.

From 1969, when he was appointed technical officer, until his retirement due to ill health in May 1991, Don was involved in numerous projects.

He assisted Tom Riggert with his detailed studies of the biology of the Australian Shelduck at Rottnest Island. This involved many months of continuous field observations and the trapping and banding of several thousand birds.

Duckbanding

From 1968 to 1976, was heavily Don involved in the Department's duck banding program. Some 22 000 ducks were banded at Moora, Woodanilling and on Perth lakes. This involved many months of often tedious field work. With Don's help, Stuart Halse recently completed the analysis of this work, results of which are soon to be published in the internationally renowned Wildlife Journal of Management,

Tom Riggert's program of artificial nest box erection was largely undertaken by Don, with Grant Pearson's assistance. Some 2 400 duck nest boxes were erected on trees of more than forty wetlands of the southwest.

There were exciting moments, one involving Grant clinging desperately

by Jim Lane

to the trunk of a dead tree in the middle of Lake Eganu, with Don floundering (fully clothed for once!) in the water nearby and a punt at full throttle, circling crazily between them.

Wetlands network

In the late 1970s, a network of gauged wetlands was established to provide an objective basis for determining duck shooting season Don specifications. provided much sound advice to me during this time and personally installed all the depth gauges on more than 120 wetlands from Dongara to Esperance. Water depth, salinity, pH and nutrient data obtained from this program is constantly in demand for many purposes.

Goats and pot

In 1985, Keith Morris and I began eradicating feral goats from Bernier Island. This involved half a dozen people, plus helicopter and rifles, camping on the island for two weeks. Don took care of the logistics and the cooking in his inimitable style and the project was a total success.

It also provided one of our more unusual experiences together - spending the night lounging on two tonnes of packaged marijuana found on the Island, and debating its fate before we notified the authorities.

From 1986 to 1988,
Don provided all the
logistic support for the
very successful series of
remote wetlands expeditions to places like Lakes
Gregory and Argyle, the
lower Ord floodplain,
Lake McLeod, Shark Bay
and the Fitzroy River.
These expeditions also

involved small teams of volunteers with varied field experience. Don soon became famous for his comfortably provisioned field camps and skilled diplomacy. In 1991, several of these sites were listed as Wetlands of International Importance under the Ramsar Convention, primarily as a result of the information gathered by the expeditions.

Don had a major role in many other activities, from aerial surveys of duck populations to the care of sick and injured fauna and practical involvement in wetland creation and rehabil ation.

Good humoured

The success of the many projects in which he was involved was due not only to his many skills (which included metalwork, carpentry, plumbing, surveying, motor mechanics, animal husbandry, bushcraft, fishing, boat handling and even flying whenever he could wrestle the controls from the pilot) but also the admirable way in which he applied himself to any given task. He was always conscientious, thoughtful and ready to put in whatever effort the job at hand might have required, always with good humour. It is no wonder we are often reminded him as we go about our work.

Don had many friends and was a much loved husband and father. He leaves two close families, his wife Kaye and children Gemma and Gavin, and his former wife Janice and daughters Rochelle, Lisa, Karen and Nicky. Particularly during the final months of his illness, Don's concern was for the welfare of his family and not himself. His courage grew as his body weakened. Don set a very fine example to all and is sadly missed.

CALM tackles bushland weeds

(continued from page 1)

The Task Force is to complete the drafting of the policy statement and administrative instruction by mid May, 1992. Members will consult with as wide a group of CALM staff as possible within the tight time frame.

Interested staff are invited to call (09) 405 5100 or write to Steve Hopper if they have particular issues they wish to raise for consideration in the drafting of the CALM policy statement.

Fire management workshop

A workshop on fire management on conservation lands of northern Australia will be held at Kununurra from May 5 to 7, 1992.

For further details

and brochure, please contact Chris Done on (091) 680 200 (office), (091) 681 260 (home), or Gordon Graham on (091) 680 200 (office), (091) 682 059 (home).

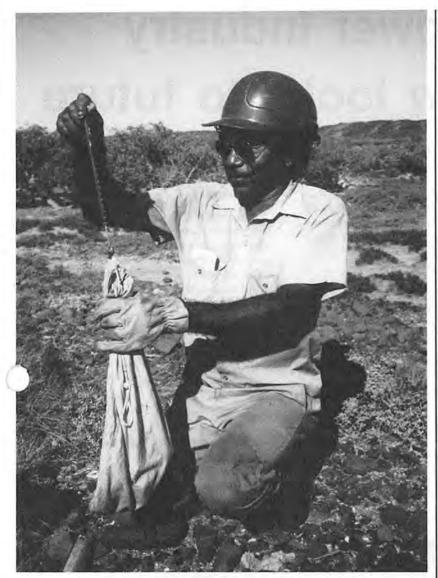
Collie's krafty treat

(Continued from page 1)

unable to survive because of a scarcity of food, individuals could be translocated to areas where foxes had been controlled.

Rob and Brad have

also begun surveying areas once known to support the quokka, to see whether or not any remain, and if there is enough suitable habitat to reintroduce them.



CALM officer Michael Hughes weighs a captured northern quall.

Story and photo by Tanyia Maxted

Quolls safe from 1080

A RECENT survey on Dolphin Island in the Dampier Archipelago has shown that the population of northern quolls alive and well despite years of fox-baiting.

As the quoll is a carnivore, it was feared initially that baiting for foxes - using dried meat baits containing 1080 poison - may have affected it. However, work carried out by the Agricultural Protection Board and CALM in the 1980s which indicated that there would be no detrimental effect on the northern quoll has proven correct.

The northern quoll, (Dasyurus hallucatus), is common and widespread on rocky habitats throughout the Pilbara, Kimberley and Northern Territory. However, Dolphin is the only Pilbara island to support a population of the species.

Pilbara reserves officer Greg Oliver said was important that a secure quoll population be maintained free of disturbing influences found on the mainland, such as development, foxes and feral cats.

In the February survey, Greg and fellow CALM officer Michael Hughes trapped 19 individuals on two grids over four days. Their weights ranged from 70 grams for a juvenile to 345 grams for an adult.

On the first twohectare grid in low open Acacia coriacea scrubland, seven individuals were caught - a density of 3.5 animals per hectare.

On the second grid from fringing mangroves to spinifex grassland, 12 individuals were caught a density of six animals per hectare.

Greg and Michael also searched several beaches, a favourite foraging area, on the island for fox tracks, but found none.

The island was first baited for foxes in 1980, and baiting has since been carried out in 1981, 1984, 1987, 1989, 1990, and 1991. Foxes are now believed to be extinct on nearby Angel, Gidley, and Keast islands, and on Collier Rocks.

Greg said that Dolphin needed to be regularly baited to prevent incursions across Sea Ripple passage from the Burrup Peninsula. Fox track counts were conducted at three month intervals, he said, with trap monitoring annually.

Dolphin Island is a "B" class nature reserve, declared in 1977. As well as the northern quoll it also supports the euro Macropus robustus, the common rock rat Zyzomys argurus, Tunney's rat Rattus tunneyi, and Rothschild's rock-wallaby Petrogale rothschildi.

Spotlight traverses conducted in 1990 have indicated a 30-fold increase in the sighting frequency of rock-wallabies on Dolphin Island since the inception of baiting in 1980.

The island is also rich in heritage values. Its name derives from the exploration ship used by F.T. Gregory during his exploration of the Roebourne district (then known as the Nickol Bay District) in 1861.

April Open Day at Lake Nunijup

by John Hunter

THE KENT River Land Conservation Committee is having an open day and if you can find the time in your busy schedule - be thereyou'll be most welcome, and you might pick up a few ideas.

Despite the rural recession and land degradation from salinity, the Kent River farming community remains optimistic; it believes it can solve its problems and to prove its point it has settled on Friday April 3 to hold its Open Day at the Nunijup Community Hall, 33 km north of Mount Barker.

The Kent River catchment of some 1 000 square kilometres, takes in the towns of Rocky Gully and Frankland and lies within Cranbrook, one of the most picturesque shires in WA.

The Open Day will be a good chance for city and country folk alike to see for themselves how the Kent River community deals with its problems before they become irreparable.

Visitors will be able



Birds of prey such as this little eagle will be on display at open day.

to see various displays, demonstrations of techniques of land and water conservation and to enjoy the country fair atmosphere.

There will be an aquaculture display provided by Curtin University and local farmers, concerning catfish, marron and silver perch, and discussions on stocking fresh water and saline dams with appropriate species.

Phil Pain from the Margaret River Eagles' Heritage Wildlife Centre will be flying birds of prey and will explain techniques regarding their conservation and the rehabilitation of those that are sick or injured.

Exhibitions and discussions on treeplanting and farming will be highlighted by the Committee's demonstration of its new tree planting machine.

CALM's water quality specialist Jim Goodsell and senior district forest officer, silviculture Peter Beatty who are members of the Committee say that everyone is highly motivated and enthusiastic about the need for protection and management of habitat and water quality.

"Everyone realises there's a choice and with mutual concern translating into 'doing something about it', things are starting to happen in the district," said Jim.

So remember! April 3 at Lake Nunijup - see map 68, 9G of the Country Road Directory.

Collie giant all decked out

COLLIE'S King Jarrah site has been upgraded.

The tree, which is about 500 years old, is a giant that towered over its neighbours even before the area was logged early this century. Forester Glyn Yates said that decking to protect the base of the tree had been constructed by using timber cut from fallen trees in the forest and sawn by forest workmen using a mobile sawmill. Workmen have also brushed the site to regenerate understorey growth, and installed new signs. The site is close to Collie's demonstration forest, which is expected to be open to the public later this year.



CALM Classifieds can help you

IF YOUR office or cost centre has any CALM equipment, furniture, etc., that you no longer need, or that you can lend temporarily, you will be able to advertise it in CALM News, starting with the April issue.

CALM Classifieds will be available for you to alert others in the department whose budget doesn't stretch to buying or hiring something they need.

Similarly, you may

advertise for hire, to exchange, or for something you need.

The brain child of Forest Ranger Morten Nilsson, CALM Classifieds can mean considerable cost savings for individual regions, districts or branches.

Morten has pointed out that there may be a range of products that, at different times of the year, are surplus to an individual district's requirements and they could be lent for a specified period of time.

"The range of products I have come across include a three-point linkage slasher, water pump, and fertiliser spreader, a Massey-Ferguson tractor, a fridge, an inkjet printer, a photocopier, and so on," Morten said.

"CALM Classifieds needn't be restricted to goods - work methods that have proven effective could save another area having to 're-invent the wheel' and thus save both time and money"

So look around your office, store, grounds, etc., and contact the CALM News editor if you have or want something.

Please confine your adverts to naming the item, whether it is for hire, loan, swap, or wanted, a contact name and phone number, and remember to include your area code.

Forester Glyn Yates inspects newly upgraded site. Story and photo by Tanyia Maxted

Geoffrey Mangolamara Photo by Kevin Kenneally

Death of a statesman

STAFF of CALM Research Division and the Kimberley Regional office were saddened to hear of the all too early death, at 55 years, of Geoffrey Mangolamara of the Kalumburu Aboriginal Community.

Geoffrey was a much admired elder statesman and member of the Wunambal tribe whose traditional country took in much of the north-west Kimberley.

His intricate knowledge of the country was utilised by CALM's regional staff in locating crocodile nesting areas and assisting in other operational and wildlife projects.

During the Kimberley rainforest expeditions from 1987 to 1989, by Kevin Kenneally

Geoffrey was responsible for liaison between CALM and the local Aboriginal communities. During this period Geoffrey endeared himself to all who worked with him.

His fine sense of

humour and willingness to bridge the cultural gap provided a rare opportunity for exchange of information about rainforests and their fauna and flora between a person with a wealth of local, traditional knowledge and scientists conducting research into rainforest composition and dynamics.

This cooperative

effort, with Geoffrey as the senior author, resulted in the chapter "Wunambal words for rainforest and other Kimberley plants and animals" published in the Kimberley Rainforests book last year.

Geoffrey was immensely proud of his culture and welcomed the opportunity to contribute to CALM's wildlife projects and the rainforest survey.

It is fitting that his rainforest chapter will serve as a memorial to a fine field companion who will be sadly missed.

CALM thanks the family of the late Geoffrey Mangolamara and the Kalumburu Aboriginal Community for granting permission to print this tribute and photo of Geoffrey.

identified in previous

Wildflower Industry

Review looks to future

The outcome of her work should be that CALM will be able to improve its control of the industry and to better conserve the wildflower resource.

Some of the projects she is involved in include:

- an overall CALM policy statement for the wildflower industry,
- an operations manual for CALM district staff for the management of wildlfower picking; a draft is now circulating among Regions and Districts and it is intended that Sarah will visit CALM Regions and Districts

in the south-west to discuss the draft with officers involved in the wildflower industry,

- a management program for the brown boronia, Boronia megastigma one of the most heavily exploited species; a draft of this document is circulating to forest districts in which the species occurs,
- an information booklet to help educate the industry in aspects of bush hygiene and vegetation management and which would form the basis for the proposed testing of wildflower pickers, is being prepared with input from the industry itself; Sarah and flora

administrative officer Mike O'Donoghue are meeting flora and seed industry representatives to get their ideas on what they would like to see covered in the booklet,

 a wildflower industry database management system is being developed to upgrade existing computerisation of flora licensing and industryproduction.

Sarah would like to hear from any CALM officers who have been involved in the industry or have any ideas to contribute. She can be contacted at the Wildlife Branch, Como, on (09) 367 0431.

Wattle found in new location

THE RECENT discovery of a new location for the declared rare flora Barren's kindred wattle (Acacia simulans) in the Fitzgerald River National Park was a surprise bonus for Kings Park seed collector Luke Sweedman and curator Roger Fryer.

AS THE wildflower

industry gets ready to

enter the 21st century,

recently appointed

CALM botanist Sarah

McEvoy, will review the

management of this

multi-million dollar

The size of the

wildflower industry is

significant, expanding,

and has a large export

private and Crown land is

estimated to be worth

between \$4.5 million at

the export level and the

management on both

these land tenures is

on a number of initiatives

to address management

issues that have been

Sarah is now working

CALM's responsibility.

Bush picking on both

enterprise.

component.

Luke and Roger were on a field trip as part of Kings Park's collecting program to bring Western Australia's rare and endangered flora into cultivation in its botanic garden.

They were looking for the rare velvet woollybush (Adenanthos velutinus), which they also found, making their scramble through fire-blackened scrub doubly rewarding.

Roger said Barren's

kindred wattle had been found in its known location a couple of days before and its identity checked with the specimen held by senior park ranger Nathan McQuoid.

"Although he was on leave, Nathan provided coffee and information on locations of the more unusual Eucalypts in his area," Roger said.

"With the picture of the wattle well in mind, there was little doubt when it showed up further east of West Mount Barren."

Shoots from the rare plants were collected, cooled and immediately sent back to the propagation unit in Kings Park.

There, cuttings were set, plants grafted and material given to the research unit for tissue culture to give the best possible chance for successful propagation.

Once a species becomes established in the Kings Park nursery, plants are placed in its Botanic Garden or in the Rare and Endangered Garden which is open to the public six days a week.

Plants may also be sent to CALM and to shire offices so that local rare flora may be planted out and displayed.

At the time of writing, both Barren's kindred wattle and the velvet woollybush had initiated roots.

Soon, they will be potted up and planted out when sufficient numbers have established themselves in containers.

Yanchep and Yalgorup Parks enlarged

by Alex Errington

SIGNIFICANT additions have been made recently to Yanchep and Yalgorup National Parks.

The Yalgorup addition of 1 077 hectares is a large parcel of land west of Lake Clifton and is most of the area acquired by CALM from SECWA.

Its addition means that at the northern end of Lake Clifton, the Park now extends from the eastern shore of the lake right to the ocean.

In the case of Yanchep, the management plan for the Park proposed that the area surrounding Pipidinny Swamp be added to the Park.

The swamp is valuable wetland that had been just outside the south-western boundary of the Park.

The 48 hectares involved were generously made available by Landcorp which owns the property containing the wetland.

The purpose of the Park has also been changed from 'Protection and preservation of caves and flora and for health and pleasure resort' to 'National Park.' This change was a recommendation of the 1989 management plan.

Theses changes were included in a Reserves Bill passed by Parliament last session and gazetted on January 31, 1992.

Rotary points the way

THE MOUNT Barker Rotary Club has funded a series of plaques to help walkers in the Porongurup National Park.

More than simple directional signs, the plaques give information on each landmark and how far it is to the next one.

One of the most popular walks in the Albany District is a loop walk which starts and ends at the Tree-in-the-Rock picnic area and crosses several wellknown landmarks in by Terry Passmore

Porongurup National Park such as Hayward's Peak, Morgan's View and Nancy Peak.

National Park ranger Neil Scott and the Mount Barker Rotary Club developed the concept of a series of plaques for the area.

They were designed and manufactured by CALM, Albany, with a great deal of assistance from the Recreation and Landscape Branch.
A simple handing-

over ceremony was held at the Tree-in-the-Rock picnic site, where Peter Thorn, representing Mount Barker Rotary Club, presented the plaques to Porongurup ranger Neil Scott, representing CALM.

A small crowd which included Rotary Club members Campbell McGready, Ted Far and John Pitts, and CALM regional manager John Watson, lent support to the happy occasion



Peter Thorn (left) of Mount Barker Rotary Club presents plaques to Porongurup ranger Neil Scott. Photo - Ann Burchell