

**Fax (20/12/1996) from JL to ACl with three numbered queries, including 'How did it go? (BaSt s)'. This query refers to ACl's 2<sup>ND</sup> extensive ground search.**

DEPARTMENT OF CONSERVATION AND LAND MANAGEMENT  
BUSSELTON DISTRICT  
FAX NO: (097) 521 432

54

TO: ALAN CLARKE URGENT: YES / NO

AT: WRC

Fax No. ....

FROM: JIM LANE

DATE: 20/12/96

Your Ref: .....

Local Ref: .....

① How did it go? (3sts)  
② Would you please check the filing cabinet to  
see if there is a yellow file. If so,  
does it contain air photos (by me) labelled 89:18 and 89:19.

No. of pages inc. this page: 1 If no, is there a date? ?

Please call us on (097) 521 677 if this message was incomplete or illegible

MAY 1980

535 DW27

**JL's faxed reply (09/12/1996) to ACI. 'Are you visiting all lakes / estuaries which our printouts [computer printouts of RAOU / DFW+CALM data, see further below] show have historically held 1000+ BaSt around this time of year. I will finalise Peel-Harvey waterbird surveys [see Lane *et al.* 2002] on Sat 14 Dec [1996]. Ring me to see if there are any flocks you need to check the following week'.**

DEPARTMENT OF CONSERVATION AND LAND MANAGEMENT  
BUSSELTON DISTRICT  
FAX NO: (097) 521 432

25.

**FAXED**

TO: ALAN CLARKE URGENT YES

AT: .....

Fax No. ....

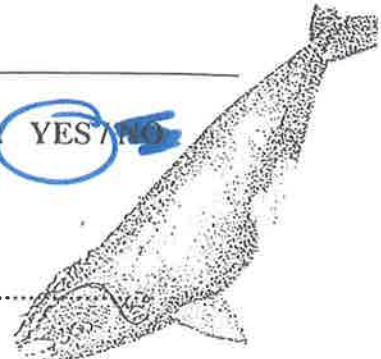
FROM: JIM LANE

DATE: 9/12/96

Your Ref: .....

Local Ref: .....

Western  
Fax Operator



AT:

Please give this message to Alan by radio or telephone and fax to Calm Express for him to collect tonight or tomorrow AM.

No. of pages inc. this page: (2)

Please call us on (097) 521 677 if this message was incomplete or illegible

(INCLUDING PAGE SHEET)

MESSAGE:

~~THIS~~ the following is a new survey I have prepared for the Banded Steel  
Flag recovery program. What do you  
think? Grant has suggested it is a  
bit full, but I have found from the  
last survey they group etc are held  
within a group of later and are wired  
out towards the end can be picked up  
on Wednesday and Thursday of the 2<sup>nd</sup>  
week.

\* What about Walgorming?

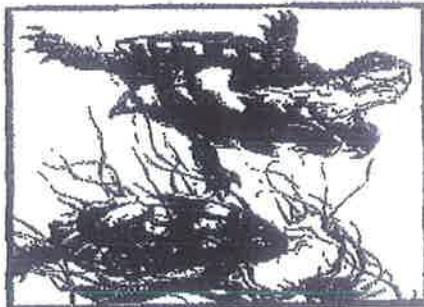
9-  
9/12/96 6.45am.

24

DEPARTMENT OF CONSERVATION AND LAND MANAGEMENT  
 SCIENCE AND INFORMATION DIVISION  
 WILDLIFE RESEARCH CENTRE, WOODVALE  
 FAX NO (09) 306 1641 TELEPHONE NO (09) 405 5100

Clarke

\* are you visiting all lakes /  
 estuaries which our prints to phone  
 have historically held 1000 + Bass  
 around this time of the year?  
 \* I will finish Paul Harvey waterbird survey  
 on Sat 14 Dec. Ring me to see if there are  
 any blocks you need to check the following  
 week.



DATE:

\* on Sat 14 Dec. 9/12/96

TO:

JIM GANE

FROM:

ALAN CLARKE

3

NO OF PAGES:  
 (INCLUDING FACE SHEET)

MESSAGE:

~~JIM~~, the following is a basic itinerary:  
 I have proposed for the Banded Delta  
 Fly recovery program. What do you  
 think? Grant has suggested it is a  
 bit full, but I have found from the  
 last survey they group ate one lake  
 within a group of lakes and are mixed  
 out. Towards the end can be picked up  
 on Wednesday and Thursday of the 2<sup>nd</sup>  
 week.

\* What about Walgormoring?

9-  
 9/12/96 6.45am.

## DEPARTMENT OF CONSERVATION AND LAND MANAGEMENT

23.

Form CLM 80A

To: Jim Lane

From: Alan Clark

5/12/96

Your Ref:

Our Ref:

Enquiries:

Phone:

Subject: Banded Little Tern recoveries.

Itinerary for the week 9-13/DEC

9/12 Monday Depart Demoring visit Lake Mead and continue on to Esperance.

10/12 Tuesday Visit Pink, Warden, Station, Mullewa and Wondabut lakes in the morning to early afternoon. (recent correspondence with locals says the Little have left the lakes around Esperance probably moved to Lake Gore.)

pm. visit Lake Gore, Kurbitch and Gidong. Camp at Stokes Inlet.

11/12 WEDNESDAY am Food at Stokes Inlet, Oldfield estuary, the Flaming group of lakes pm. Visit Culham Inlet. South to Albany or point the way depending on numbers of Little at Culham Inlet.

12/12 THURSDAY Visit east end of Wilson Inlet, Kurnianup lake, Beliup lake, and Langrup lake.

## DEPARTMENT OF CONSERVATION AND LAND MANAGEMENT

22-

Form CLM 80A

To: \_\_\_\_\_

From: \_\_\_\_\_

19

Your Ref:

Our Ref:

Enquiries:

Phone:

Subject:

Banded Stilt fleg recovery continued

FRIDAY: Visit Qualling, Parleyerring,  
13/12 Dumbleyung, Coonelup Lakes

MONDAY: Harvey River Estuary survey  
16/12

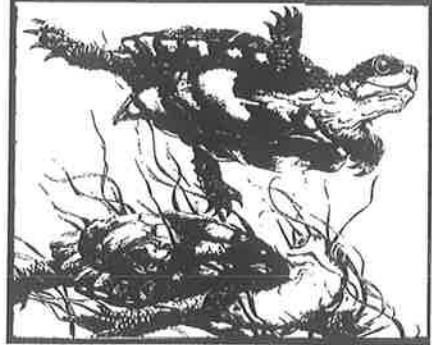
TUESDAY: Visit Yarra Yarra Lakes  
17/12

WED: Visit any lakes missed out due to  
16/12 time constraints in week 9-13/00

**Fax (05/12/1996) from ACl to JL detailing his plans for surveying SW wetlands for BaSt numbers and leg-flags during the week 9<sup>th</sup> – 13<sup>th</sup> Dec 1996, and on 17<sup>th</sup> Dec (Yarra Yarra Lakes) and possibly on 18<sup>th</sup> Dec (any lakes missed during the previous week). This relates to ACl's 2<sup>ND</sup> extensive ground search.**

DEPARTMENT OF CONSERVATION AND LAND MANAGEMENT  
SCIENCE AND INFORMATION DIVISION  
WILDLIFE RESEARCH CENTRE, WOODVALE  
FAX NO (09) 306 1641 TELEPHONE NO (09) 405 5100

(47)



DATE: 5/12/96  
TO: SIM LANE  
FROM: ALAN CLARKE  
NO OF PAGES: 3  
(INCLUDING FACE SHEET)

MESSAGE: *Sim, the following is a basic itinerary I have proposed for the Banded Shingle  
Flag recovery program. When due you  
think R. Grant has suggested it is a  
bit full, but I have found from the  
last survey they group at one lake  
within a group of lakes and only mind  
out. towards the end can be picked up  
on Wednesday and Thursday of the 2<sup>nd</sup>  
week.*

To: Tim LaneFrom: Alan Clarke

5/12/96

Your Ref:

Our Ref:

Enquiries:

Phone:

Subject: Banded State flag recoveries

---

Itinerary for the week 9-13/DEC

9/12 Monday Depart Denning visit Lake Meers and continue on to Esperance.

10/12 Tuesday Visit Pink, Warden, Station, Mullewa and Windabout Lakes in the morning to early afternoon (recent correspondence with locals says the State have left the lakes around Esperance probably moved to Lake Gore)

pm visit Lake Gore, Kubitch, and Gidong. Camp at Stokes Inlet.

11/12 WEDNESDAY am Book at Stokes Inlet, Oldfield estuary, the Parry group of lakes pm Visit Cullinan Inlet. Travel to Albany or part the way depending on numbers of State at Cullinan Inlet

12/12 THURSDAY Visit east end of Wilson Inlet, Kurnup Lake, Balingup Lake, and Layupup Lake

## DEPARTMENT OF CONSERVATION AND LAND MANAGEMENT

45

Form CLM 80A

To: .....

From: .....

19

Your Ref:

Our Ref:

Enquiries:

Phone:

Subject: .....

*Banded Stilt flag recovery continued*

FRIDAY: Visit Qualling, Porkegoring,  
13/12 Dumbleyung, Coomberup Lakes.

MONDAY: Harvey River Salinity survey  
16/12

TUESDAY: Visit Yarra Yarra Lakes.  
17/12

WED: Visit any lakes missed out due to  
18/12 time constraints in week 9-13/dec.

**Letter (03/12/1996) from GBP to Dr David McConnville, c/- RFDS, Port Hedland, WA, thanking him ‘... for agreeing to check the flocks of Banded Stilts at Cargill for yellow leg flags; advising him of the information being sought; referring to ‘... four records [of yellow leg-flagged BaSt] at Cargill [Port Hedland salt works], one at Rottnest and one at Dampier’, and lending him an old telescope.**

Jen FXI 21.

# Department of Conservation and Land Management



W.A. Wildlife Research Centre

Ocean Reef Road, Woodvale

PO Box 51 Wanneroo,

Western Australia, 6065

Telephone +61(09) 405 5163, fax (09) 306 1641

Your ref:

Our ref: gpbast1296

Dr David McConnville  
C/- RFDS  
PO Box 3, Port Hedland  
6721

Re: Observations of Banded Stilts Leg Flags

Dear David,

Many thanks for agreeing to check the flocks of banded Stilts at Cargill for yellow leg flags. Accompanying this is a telescope of somewhat ancient heritage but with the correct light conditions better than nothing.

The information we require from any sightings could include:

- \* **Location**
- \* **date and time**
- \* **observer**
- \* **total number of Banded Stilt**
- \* **% with chestnut chest band**
- \* **number with yellow leg flags or metal leg bands or both. The flags and bands are placed on the tibia.**
- \* **whether or not each of the banded/flagged birds has a chest band.**

The most important information is shown in bold. From this we will gain information on timing and movements. The other information will provide an indication of breeding success and plumage development.

Any information will be of value regardless of whether flagged birds are seen or not.

This is the first time that Banded Stilts have been flagged. The birds were caught as runners at their breeding sites at Lakes Ballard and Marmion in about May 1995. Since then we have had four records at Cargill one at Rottnest and one at Dampier.

If you could return the scope when yours arrives I would be most grateful or I could arrange for one of the local CALM people to collect it.  
Thanks again and I'll look forward to meeting you sometime at BBO or Hedland.

Yours sincerely,

Grant Pearson  
Research Centre Manager  
3 December 1996

Published in "WA Bird Notes" Dec 96

20.

## LEG-FLAGGED BANDED STILTS

Last year, following torrential rains and successful breeding on Lakes Ballard and Marmion near Menzies, 500 Banded Stilt chicks were leg-flagged and 800 banded (see WABN Nos. 74-76 for details).

Since then, the following sightings have been reported.

DATE	LOCATION	NUMBER SIGHTED	DISTANCE (KMS)	REPORTED BY
24.10.95	Lake Arrow	1	110 (S)	Andy Chapman
21.1.96	Rottnest Island	1	610 (SW)	Fran Head
28.2.96	Port Hedland Saltworks	4*	1075 (N)	Grant Pearson
07.3.96	Dampier Saltworks	1	1100 (NNW)	Steve van Leeuwen
29.9.96	Yarra Yarra Lakes	1	520 (W)	Brenda Newbey

\* 3 flags and 1 band only. All other sightings are of flags.

We are very keen to get as many sightings as we can during the next few years (the flags should last that long) and the next twelve months in particular. These are the only Banded Stilt to have ever been leg-flagged and it may be many years before another opportunity to study this fascinating species arises.

So, should you sight a leg-flagged stilt we would be most grateful if you could pass the details on to Grant Pearson at CALM's Woodvale office (ph 09 405 5163 or fax 09 306 1641) or to Jim Lane at CALM's Busselton office (097 52 1677 or fax 097 52 1432).

The leg-flags are small, made of stiff yellow plastic and positioned above the "knee".

The information we are seeking is location, date, number of flagged stilts seen, how well-developed the breast bands of the flagged stilts were, the total number of stilts at the site and any other information of possible interest. Please also include the name of the observer and a contact number or address.

If you would like advice on where (which lakes, estuaries, saltworks etc.) to look for Banded Stilt, please ring Grant or myself.

Also, if you are interested in joining, on a cost sharing basis, a special search for flagged stilts this summer, please contact Grant Pearson. We are trying to organise a trip.

Hope to see you out on the briny!

Jim Lane

**Article 'Leg-Flagged Banded Stilts' (including sightings received by JL to date) as appeared on pp.16-17 of WA Bird Notes No.80, Dec 1996. Draft is below (at 23/10/1996).**

**Note that a different article with the same heading, with authorship of JL not acknowledged, appeared (page 18) in the March 1996 issue of WA Bird Notes (No.77). That article did not list leg-flag sightings to date.**

other lakes in the area.

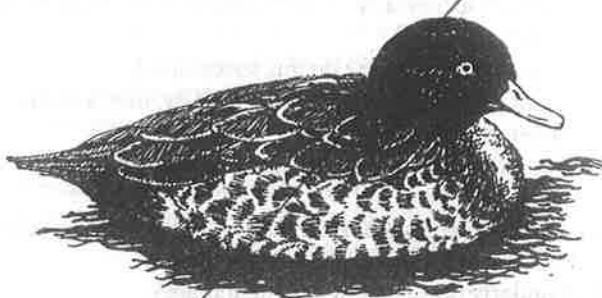
In August, John and Jeanette Hyndes lead us to Lillian Stoke Rock in the Frank Hann National Park. Eighteen of us braved the threat of a soaking and camped out for the weekend. Little rain actually fell and everyone enjoyed the very interesting area including gnamma holes. Thirty-one species were noted, including two species of cuckoo and a pair of Redthroats. Despite hearing a Crested Bellbird at least 30 times, the elusive bird was never sighted by the ever-vigilant mob.

The absence of the often dominating Yellow-throated Miner was appreciatively noted. This was probably due to the fact that the nearest agricultural clearing was many kilometres away.

Our September project was to repeat our October 1995 Hooded Plover Survey. Twelve people participated in seven groups but only 32 Hooded Plovers were seen at four sites during the weekend. There was much more water at most sites than in 1995.

Next month, Allan Rose is demonstrating mist netting for us at Hyndes' place which should be interesting. A canoe trip is planned for November.

Kate Dawson



Chestnut Teal, male  
Drawn: Val Talbot

## ALBANY BIRD GROUP

### September Outing

For our September outing, we had hoped to spend three full days at Madgedup. This is a farm within the Shooters Hill complex situated on the Pallinup River.

Nine people arrived mid afternoon and once we had set up camp in the shearers' quarters, we all went down to the river. We saw ten species of waterbirds in just a few minutes.

We had a very pleasant evening discussing birds and wildflowers and other subjects as well! At that stage the weather was fine.

The next day five other members joined us for the day. The weather wasn't kind to us. It started to rain during the night, and the wind came up about 11 am and it blew and blew.

We all returned to the river which has been fenced off for some time. Acacias and all casuarinas are regenerating. From there we visited a large natural bushland where we were joined by Mrs. S Stone, the owner of the property. Mrs. Stone then took us to yet another area where there were lots of orchids. At this stage the wind was increasing so birding came to a halt. The group returned to the shearers' quarters for lunch.

It was decided that the situation was impossible, so we all packed up and went home. I did feel sorry for Viv Dare and

Jan Rogers who had come from Perth for the camp.

However, we did see orchids as I have not seen them for years. It seems to be a very good year for them. We also managed to see 41 species of birds. The place has great potential and we have been invited to return. I haven't a doubt we will before too long.

### October Outing

The meeting place will be the parking area, Denmark River, Denmark, to visit swampland and farming area.

Vivian McCormick

## Notices

### RAOU CALENDARS

1997 calendars are now available for purchase at Perry House. As usual, these are of a very high standard, with excellent photographs of birds and their habitats. Your purchase helps the WA Group and the RAOU national body.

### BIRDING SITES AROUND PERTH

We are progressing with the work of revising this publication, thanks to support from members

- visiting sites to check information
- providing professional advice and assistance
- loan of bird slides
- preparing bird illustrations

The Department of Land Administration has generously allowed us to use maps from Streetsmart Street Directory.

Local government departments have provided information on request.

Our WA Group Database, *WA Bird Notes* and Suburban Bird Survey are a valuable source of information on current distribution of species.

Members are helping to finance the project by sponsoring a page for \$20.00.

If you would like to be part of this project and be acknowledged as a page sponsor, we would welcome your help.

Sponsorship money can be sent to:

Birding Sites Around Perth  
71 Oceanic Drive  
Floreat WA 6014

### LEG-FLAGGED BANDED STILTS

Last year, following torrential rains and successful breeding on Lakes Ballard and Marmion near Menzies, 500 Banded Stilt chicks were leg-flagged and 800 banded (see WABN Nos 74-76 for details).

Since then, the following sightings have been reported:

Date	Location	Number sighted	Distance (km)	Reported by
24.10.95	Lake Arrow	1	110 (S)	Andy Chapman
21.1.96	Rottnest Is	1	610 (SW)	Fran Head
28.2.96	Pt Hedland Saltworks	4*	1075 (N)	Grant Pearson
07.3.96	Dampier Saltworks	1	1100 (NNW)	Steve van Leeuwen
29.9.96	Yarra Yarra Lakes	1	520 (W)	Brenda Newbey

\* 3 flags and 1 band only; all other sightings are of flags.

We are very keen to get as many sightings as we can during the new few years (the flags should last that long) and the next 12 months in particular. These are the only Banded Stilts to have ever been leg-flagged and it may be many years before another opportunity to study this fascinating species arises.

So, should you sight a leg-flagged stilt we would be most grateful if you could pass the details on to Grant Pearson at CALM's Woodvale office (ph 09 405 5163 or fax 09 306 1641) or to Jim Lane at CALM's Busselton office (097 52 1677 or fax 097 52 1432).

The leg-flags are small, made of stiff yellow plastic and positioned above the 'knee'.

The information we are seeking is location, date, number of flagged stilts seen, how well-developed the breast bands of the flagged stilts were, the total number of stilts at the site and any other information of possible interest. Please also include the name of the observer and a contact number or address.

If you would like advice on where (which lakes, estuaries, saltworks, etc.) to look for Banded Stilts, please ring Grant or myself.

Also, if you are interested in joining, on a cost-sharing basis, a special search for flagged stilts this summer, please contact Grant Pearson. We are trying to organise a trip.

Hope to see you out on the briny!

Jim Lane

#### **TWITCHATHON '96 AND PRE-CHRISTMAS BREAKFAST**

We need as many teams as possible from the metro area to really try and get that telescope back from the Broome Bandits. Join the fun on 21/22 December and seek a winning score. It does not matter if you are a relatively inexperienced birder, because some of the 'older hands' will be only too pleased to include you in their team; so get your name down if you are seeking a team. Start time is 8 am on Saturday 21st and you must finish by 8 am Sunday 22nd.

There will be a breakfast fit for a King at Perry House starting at 8:30 am. All lists from the country can be faxed or phoned in after 8 am and before 8:30 am. Sadly, our country competitors will have to have their own breakfast celebrations but can combine this with a Xmas get-together. Albany have already promised at least one team so Esperance and Mandurah should at least equal this. Our new group at Narrogin may like to try their luck. We will give them a treble score for a Freckled Duck!

An open invitation to the pre-Christmas Breakfast is also extended to all those volunteers who have worked during the year to make our Group such a success. Even if you don't Twitch, come along for the fun. The Breakfast will also serve as a welcome to all new members who are especially invited to meet the old hands. Please join us for whatever reason.

There is a sheet at the Office to record your attendance so PLEASE ring the volunteer and have your name included. This will enable our catering to be adequate.

There is also a sheet on which you should put the name of your TWITCHATHON TEAM and the leader's name and contact number.

Anyone who would like to take part please ring Clive Napier on (09) 332 7265 and we will find a group for you.

#### **A CALENDAR OF EVENTS IN THE BIRD WORLD**

To increase the public's understanding of birds and their routines it is proposed to include a regular item in *Earth 2000*. It could possibly be prepared for monthly publication.

The idea is to highlight those bird events which occur regularly. Such events might include arrivals and departures (waders, cuckoos, bee-eaters, etc.), territorial behaviours (magpies), unusually large gatherings or the occupation by particular species of specific habitats. It would be valuable also to describe phenomena which are determined by such events as irregular weather conditions.

Contributions are therefore sought from WA Group members who know of some of these chronological events. Please forward your ideas to the RAOU (WA Group) office.

#### **OFFICE VOLUNTEERS**

The RAOU office at Perry House serves a very useful purpose in linking RAOU activities with the general public, as well as being open Monday-Friday 9:30 am - 12:30 pm for the sale of books, calendars and cards to anyone who ventures in.

All this would not be possible without the band of enthusiastic volunteers who throughout the year provide this service for the WA Group. We are served extremely well by our volunteers and are the envy of birding organisations in other states.

Raise your glass to them this Christmas and continue to be aware of the role played by the many volunteers in our very active organisation.

Max Bailey

#### **REQUEST FOR INFORMATION: POLLINATION OF WEST AUSTRALIAN NATIVE PLANTS**

I have just started compiling a database on existing records (published or unpublished) of pollination of native WA plants by vertebrates and invertebrates, as a contract for the WA Naturalists Club, and I would welcome any observations that would expand this database. Unpublished observations from your notebooks would be particularly welcome. Most of the observations will probably be of flower visitors rather than confirmed pollinators, and it would be useful to me to know whether the visitors to the flowers were after nectar, pollen or insects. Ideally, I would like identifications of plant and pollinator as accurate as possible, as well as location and date information. However, any observations would be useful.

I would be most appreciative of any observations to increase the database which I hope to complete by August 1997.

I can be contacted at the Research Laboratory at King's Park at:

lzb@kpbg.wa.gov.au (Email)

or

(09) 480 3640 (phone)

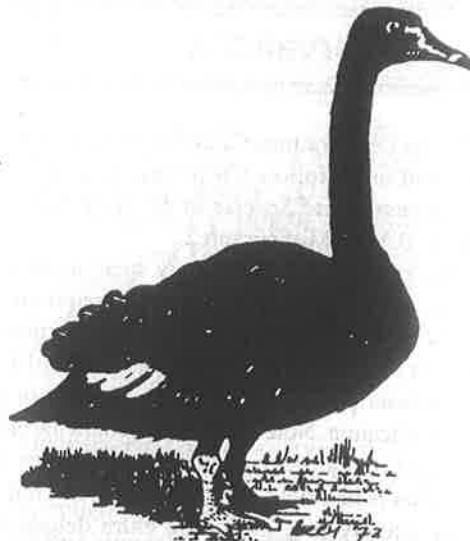
or

(09) 480 3641 (fax).

Liz Brown

#### **"BOP WATCH": A NATIONAL SURVEY OF OUR BIRDS OF PREY**

The diurnal birds of prey are top predators which, together with their relatively high visibility and their known sensitivity to environmental conditions, makes them ideal 'indicator



# Western Australian Bird Notes

Quarterly Newsletter of Birds Australia WA  
(Royal Australasian Ornithologists Union)

No 80 December 1996

## LITTLE PENGUINS ON PENGUIN ISLAND

One of the WA Group's newest members, Dr Belinda Cannell of Biological Sciences at Murdoch University, is conducting a detailed study of Little Penguins at Penguin Island, and is seeking interested (and trainable) volunteers to help radio-track some of the birds. Belinda has provided the following story for Bird Notes, and can be contacted by prospective volunteers on 09 360 2202 (bus hours) and 09 272 4079 (after hours). Please contact her and help with this fascinating work; Eds.

### STUDY ON LITTLE PENGUINS

The Little Penguin *Eudyptula minor* colony on Penguin Island is the only one of significant size on the west coast of Australia, and is estimated to have a current population of about 1000-1200. It is a long-established colony but is very isolated; the nearest colonies of any size are more than 1500 km away. Little Penguins do not breed on the Western Australian mainland and their absence from many islands around Perth (e.g. Rottnest Island) implies that, as well as breeding sites free from predators and disturbance, they require additional resources available only on or near Penguin, Garden and Carnac Islands. The most probable requirement is access to a reliable, year-round supply of small, schooling fish within 5-10 km of their breeding colony.

Evidence from penguin populations throughout Australia indicates that their numbers are declining, particularly those populations close to expanding urban areas. The colony on Penguin Island is only 600 m offshore from the suburbs of Rockingham and thus is the closest WA penguin colony to areas of high density urban development. Growing demand for recreational and commercial access to coastal venues will obviously continue to place pressure upon the small, isolated and unusual penguin colony on Penguin Island. In addition:

- the human population of Rockingham has doubled over the last five years and is projected to treble in size over

the next 20 years;

- the number of recreational boats registered in Western Australia rose from 20 000 in 1970, to 40 000 in 1980 and 70 000 in 1990;
- trawl and beach seine fisheries operate in and around the Marine Park.

The penguins on Penguin Island have been studied by Murdoch University researchers since 1984. In 1986, 55 nesting boxes were placed in areas with different levels of human disturbance. These boxes have been visited weekly since their placement, allowing the collection of information on the condition of the penguins throughout the year, how often they return to nest-boxes, when they breed, how successfully they breed, and in a limited fashion, their diet. However, it is not known where the penguins feed, when they feed, nor whether these habits change throughout the year. Visual tracking of penguins at sea is very difficult and satellite tracking is prohibitively expensive; at present radio-tracking is the best way to determine their foraging patterns.

We have joined forces with a local community group — the Friends of Shoalwater Islands Marine Park (FSIMP), and together obtained a grant from the Gordon Reid Foundation for Conservation. Murdoch University has obtained extra funding from Port Kennedy Resorts Pty Ltd. These funds are also to be used to gather information on the diet of the penguins throughout the year, as well as the location, abundance and size distribution of the prey species (or bait fish) taken by Little Penguins in the project area.

Anyone who has done any radio-tracking will agree that it is a very costly exercise, both in monetary terms and the number of hours over which the animals must be tracked, and hence the large number of personnel required. We will be attaching temporary lightweight and streamlined transmitters on ten birds and tracking them concurrently from three sites over a 10-day period. The tracking sessions will occur at four

**‘Observations’ on p.3 of WA Bird Notes, No.80, December 1996, of approx 10,000+ BaSt at Yarra Yarra Lakes Nature Reserve near Three Springs on 29/09/1996 by Brenda Newbey and 7000 BaSt at ‘south of Austin Bay’ (Peel Inlet) on 20/10/1996 by John and Judy Blyth. See 02/10/1996 and 20/10/1996 in this RMCR for details of these sightings.**

(Hutton's), 18/8/96, ca. 45 km W of Perth - PPT \* 60, 15/9/96, Bunker Bay, Cape Naturaliste (Busselton) - FO (some birds can be confidently identified to species in the field, but many are difficult even in the hand)

**Little Shearwater** - 2, 15/9/96, Bunker Bay, Cape Naturaliste (Busselton) - FO \* 2, 18/9/96, Cape Leeuwen (Augusta-Margaret River) - FO

**Shy Albatross** - 1, 18/8/96, ca. 45 km W of Perth - PPT \* 3, 14/9/96, Point Dalling, Dunsborough (Busselton) - RP, FO \* 1, 27/9/96, ca. 20 km W of Dongara - MC (long way N for this species)

**Wilson's Storm-Petrel** - 1, 6/96, ca. 50 m offshore, near James Street jetty, Esperance (Esperance) - Joan McIlroy per KD

**Australasian Gannet** - varying numbers between 1/5 and mid-July, with highest (150+) on 17 and 18/6/96, Point Dalling, Dunsborough (Busselton) - RP

**Little Curlew** - 1, 20/10/96, Woodman Point (Cockburn) - SN, RD and 14 UK birdwatchers (rare visitor to the southwest)

**Terek Sandpiper** - 1, 16/9/96, Gnarabup Beach, Margaret River (Augusta-Margaret River) - FO (not often recorded in the far south-west)

**Red-necked Phalarope** - 1 female, 17/10/96, Government House Lake, Rottnest Island - AB \* 1, 21-25/10/96, Pearse Lake, Rottnest Island - KM, BM \* female in breeding plumage, Government House Lake, Rottnest - RL

**Banded Stilt** - ca. 10000+, 29/9/96, Yarra Yarra Lakes NR (Three Springs) - BN \* 7000, 20/10/96, south of Austin Bay, Peel Inlet (Murray) - JB, JuB

**Lesser Sand Plover** - 2, 29/9/96, with ca. 60 Red-capped Plovers and ca. 30 Red-necked Stints, Yarra Yarra Lakes NR (Three Springs) - BN

**Hooded Plover** - 2, 12/5/96 and 27/5/96, Gull Rock, Cape Naturaliste (Busselton) - RP \* 1 adult, 16/9/96, Flinders Bay, Augusta (Augusta-Margaret River) - FO \* 2 adults, 18/8/96, Hamelin Bay (N of Augusta) (Augusta-Margaret River) - FO

**Arctic Tern** - 2, 5/8/96, South Mole, Fremantle (Fremantle) - IS, BW (description and photos taken; article being prepared for next issue of WABN)

**Bridled Tern** - 1 young, 8/95, exhausted, on grass near beach, Esperance townsite (Esperance) - Joan McIlroy per KD (a long way south and east for this species and at an unusual time of year)

**White-winged Black Tern** - 16-18, 1/9/96, Alfred Cove (Melville) - BBa, MCI

**Short-billed Black-Cockatoo** - a "flock", 4/9/96, 30 km N of Wubin (Dalwallinu) - MB

**Sacred Kingfisher** - 1, 25/5/96 and 17/8/96, Beaconsfield (Fremantle) - IS \* 1, 18/8/96 and 25/8/96, South Mole, Fremantle (Fremantle) - IS (overwintering birds, possibly from further south)

**Probable escapees:** **Eastern Rosella** - 1, 15/4/96 and 22/4/96, Belmont (Belmont) - IS \* **Canary** - 1, 21/1/96, Doubleview (Stirling) - IS \* **European Goldfinch** - 1, 14/10/96, Fremantle (Fremantle) - IS

**ARID ZONE** (including the Pilbara, Gascoyne, interior and Nullarbor)

**Lesser Frigatebird** - 1, 14/7/96, Monkey Mia (Shark Bay)

- RS

**Australian White Ibis** - 25, 4/9/96, Mt Magnet, flying northwards (Mt Magnet) - MB

**Square-tailed Kite** - 1, 7/96, 20 km N of Kumarina (S of Newman) (Meekatharra) - SN (see article elsewhere in this issue)

**Little Eagle** - 17-20, 22/9/96, 0.5 km N of Mt Padbury Station HS (Meekatharra) - MG

**Peregrine Falcon** - at nest with 2 young, 24/10/96, ca. 30 km S of Coolgardie (Coolgardie) (nest on ledge in hollow salmon gum) - JW

**Roseate Tern** - ca 3500, 23/4/96, Point Quobba (Carnarvon) - AT

**Fairy Tern** - 8-10 000, 15/8/96, Varanus Island - TK

**Princess Parrot** - 4, 14/7/96, N of Joanna Springs (Bikarung) at 19o45', 124o10.5' (East Pilbara) - JG per MBA

**Grey Honeyeater** - 2 plus nest with 1 young and 1 (probably infertile) egg, 17/9/96, N of Wiluna (Wiluna) - MG (see article elsewhere in this issue)

**Chestnut-breasted Quail-thrush** - 1 roadkill, 12/7/96, 123 km N of Mullewa (Murchison) - RS

## KIMBERLEY

**Magpie Goose** - 15 000, 21/10/96, 15 km NNE of Kununurra (Wyndham - East Kimberley) - MC

**Great-billed Heron** - 1, 2/7/96, Jinunga River - Cone Bay (Derby-West Kimberley) - KC \* 1, 7/7/96, King River - Secure Bay (Derby-West Kimberley) - KC

**Cattle Egret** - ca. 80 (some in breeding plumage), 11/10/96, 10 km NNW of Kununurra (Wyndham - East Kimberley) - MC (apparently increasing in numbers in this area)

**Osprey** - nest with three newly hatched young, 7/7/96, near Traverse Island (Derby-West Kimberley) - KC

**Letter-winged Kite** - 1, 9/7/96, 5 km N of Camballin Station HS (Derby-West Kimberley) - SN et al. \* 6, 5/8/96, Roebuck Plains (Broome) - PB

**Square-tailed Kite** - 1, 3 and 4/10/96, pindan near Broome (Broome) - BBO (unusual at this time of year)

**White-bellied Sea-Eagle** - breeding, with one newly hatched chick, 30/6/96, Lacedepede Islands (Broome) - KC

**Wedge-tailed Eagle** - nest with two eggs, 4/7/96, Cone Bay (Derby-West Kimberley) - KC

**Black Falcon** - 1, 1/7/96, Kingston Rest Station (Wyndham - East Kimberley) - SN et al. \* 1, 10/96, Kingston Rest Station (Wyndham - East Kimberley) - REJ (NB: Observers should note that Brown Falcons in many parts of WA can be very dark and easily confused with Black Falcons)

**Buff-banded Rail** - 1, 6/7/96, Freshwater Cove, N of Doubtful Bay (Derby-West Kimberley) - KC

**Australian Spotted Crake** - 6+, 19/10/96, Derby sewage ponds (Derby-West Kimberley) - FO, GS (very few Kimberley records)

**Bar-tailed Godwit** - 600, 18/8/96, Roebuck Bay (Broome) - BBO

**Asian Dowitcher** - 1, 30/6/96, Lacedepede Islands (Broome) - KC

**Great Knot** - 4000, 15/9/96, Roebuck Bay (Broome) - BBO (including one with an orange leg flag from Victoria; first Great Knot from Victoria)

**Red-necked Stint** - 500, including 10 in full breeding

**Fax (27/11/1996) from JL to ACl with JL's comments on ACl's Sept 10<sup>th</sup>, 1996, 'Itinerary and costs for the proposed December 1996 search for leg-flagged Banded Stilt'. ACl will search wetlands north to Cataby – Wongan Hills and east to Esperance. This would be ACl's 2<sup>ND</sup> extensive ground search. JL notes '[GBP] will try to organise surveys/counts of northern sites (Dampier, Port Hedland) for December [1996] also'.**

19.  
DEPARTMENT OF CONSERVATION AND LAND MANAGEMENT  
BUSSELTON DISTRICT  
FAX NO: (097) 521 432

**FAXED**

TO: Alan Clarke URGENT: YES / NO

AT: LRC

Fax No. ....

FROM: G - Xe

DATE: 27/11/96 Your Ref: .....

Local Ref: .....

No. of pages inc. this page: 3

Please call us on (097) 521 677 if this message was incomplete or illegible

DIG ROTTAREUP LAGOON NATURE RESERVE, mentioned by MIKE BAMFORD  
Note access to this lake is difficult.) and Balicup Lake. Return to  
Perth.

A Toyota Landcruiser that has travelled >20 000km costs 29c/km.

Area	kms	Rate	Cost
South Coast	2000	29c	\$580

Travel costs Technical Officer	Days	Rate	
Travel allowance	4.5	\$50.15	\$226
Overtime	5	\$38.80	\$194

Week 2 (December 16th-20th)

Monday Survey lakes north of Perth with appropriate water levels including Wannamal, Guraga, Hinds, Ninan and Walyormouring. After consultation with Phil Fuller lakes to the east will most probably be dry, for example Cowcowing and Campion.

Tuesday Survey lakes in the Wheatbelt that historically have been most suitable for Banded Stilt, as well as additional lakes ~~were~~ Stilt have recently been reported by Mike Bamford and other RAOU observers.

Wednesday <sup>Continue</sup> Survey Wheatbelt lakes.

<sup>1</sup>  
<sup>of</sup>

To: Jim Lane, Principle Research Scientist

Subject: Itinerary and costs for the proposed December 1996 search for leg-flagged Banded Stilt.

Week 1 (December 9th -13th)

Monday Travel to Esperance via Lake King or other possible lakes in the surrounding area depending on positive reports of Stilt sightings, accommodation at Esperance District's chalet.

Tuesday am: Survey Pink, Warden, Station and Mullet Lakes. pm: observe Stilt on east side of Lake Gore as they gather on the shore in the late afternoon, camp on coast.

Wednesday Survey Lakes Gidon and Kubitch, Stokes Inlet, Oldfield Estuary, Parriup lakes, Jerdacuttup lakes and if time a preliminary survey of Culham Inlet.

Thursday Comprehensive survey of Stilt on Culham Inlet using plastic ski. Travel 4 hrs to Wilson Inlet. Survey the small bay in the south east of the inlet and Morley Beach. Accommodation at Denmark.

Friday Survey Lake Kwornicup ( and possibly an un-named lake southeast of Big Poorrarecup Lagoon Nature Reserve, identified by Mike Bamford : Note access to this lake is difficult.) and Balicup Lake. Return to Perth.

A Toyota Landcruiser that has travelled >20 000km costs 29c/km.

Area	kms	Rate	Cost
South Coast	2000	29c	\$580

Travel costs Technical Officer	Days	Rate	
Travel allowance	4.5	\$50.15	\$226
Overtime	5	\$38.80	\$194

Week 2 (December 16th-20th)

Monday Survey lakes north of Perth with appropriate water levels including Wannamal, Guraga, Hinds, Ninan and Walyormouring. After consultation with Phil Fuller lakes to the east will most probably be dry, for example Cowcowing and Campion.

Tuesday Survey lakes in the Wheatbelt that historically have been most suitable for Banded Stilt, as well as additional lakes were Stilt have recently been reported by Mike Bamford and other RAOU observers.

Wednesday <sup>Continue</sup> Survey Wheatbelt lakes.

Alan Clarke  
18.  
J. need with trip but not tent.  
J. ski purchase  
Spend max. of \$2900.00

(J. 27/11/96)

P.S. Keep <sup>great informed</sup>  
He will try to  
organise  
surveys of  
northern lakes  
(Denmark, Port Hedland)  
also.  
for Dec.

Thursday *Continue*  
A Survey of Wheatbelt lakes

Friday Survey Robert and Austin Bays on the Peel Inlet.

Lakes that I expect to visit in the Wheatbelt survey include Coomelberup, Dumbleyung, Quarbing, White, Ibis, White Water, Mears, Yenning and any others as identified above. It is difficult to determine the exact route because of varying lake levels so I have quoted a ballpark figure to cover the above lakes. Additional funding should be built in for other sites that may arise from information provided by RAOU members.

Area	kms	Rate	Cost
Northern wetlands run	700	29c	\$203
Wheatbelt run (including the Lake Grace area)	1200	29c	\$348
Peel Inlet	220	29c	\$ 60
Travel costs Technical Officer	Days	Rate	
Travel allowance	4.5	\$50.15	\$226
Overtime	5	\$38.80	\$194

**Total vehicle and travel costs** \$2034 ✓

Plastic Spirit 4m surf ski with paddle  
water tight compartment for camera  
etc and baggage straps at back.

3 man tent

\$250 discuss tent needs /  
allowances with Grant -  
Don't buy for this trip -

Please do;  
get copies

Mike Bamford suggested I drop him a note explaining the proposed survey and he will bring it to the attention of RAOU members at the next meeting. He also suggested querying the RAOU's data base for information on Banded Stilt records. This additional information could help determine the most probable lakes to visit.

I would suggest that the northern wetlands should be visited in early December or even November because of current water levels. The two depth gauge runs will provide a guide to lake levels.

Mike Bamford and Grant Pearson have suggested that due to the good winter rainfall this season that the Wheatbelt and South Coast surveys should be conducted in January or even February of 1997. The September south-west Wetland Monitoring results will help determine the survey date.

No, do  
in December  
so we are not  
wetter by Jan or  
Feb cyclones.

I have not included information for lakes further east of the Wheatbelt or in the Goldfields.

I have included a request from Grant and myself for a plastic surf ski. I propose to use the ski to quietly approach the Banded Stilt in very shallow water where the mud is very deep or where the birds have congregated on the other side of lakes where there is restricted access. I successfully used my Avon descent ski in the May 1996 survey for this purpose. This robust ski would also be useful for other wetlands monitoring.

Alan Clarke  
Technical Officer  
10 September 1996.

cc Grant Pearson.

**Fax 27/11/[1996]) from JI to Mike Bamford saying 'Thanks for the BaSt info. The only flag sighting we have to date is a Ballard / Marmion to Kalgoorlie movement ([recorded] by Andy Chapman)'.**

91.  
DEPARTMENT OF CONSERVATION AND LAND MANAGEMENT  
BUSSELTON DISTRICT  
FAX NO: (097) 521 432

**FAXED**

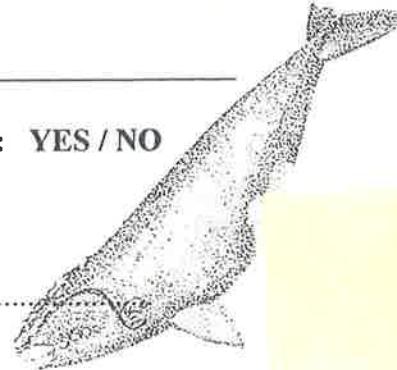
TO: Miki Benford ..... URGENT: YES / NO

AT: .....

..... Fax No. ....

FROM: Jim Roman .....

DATE: 27/11 ..... Your Ref: .....  
Local Ref: .....



Thanks for the last info. The only  
fly fishing we have ~~had~~ to date is a Bellard/  
→ Kegonie movement (by Andy Chapman).  
Clear.

No. of pages inc. this page: 1

Please call us on (097) 521 677 if this message was incomplete or illegible

**Fax (04/11/1996) from JL to GBP with map showing GBP where John Blyth recently (20/10/1996, see below) saw Banded Stilts (presumably a large flock). The BaSt were in Austin Bay, Peel Inlet.**

**DEPARTMENT OF CONSERVATION AND LAND MANAGEMENT  
BUSSELTON DISTRICT  
FAX NO: (097) 521 432**

16.

**FAXED**

TO: GRANT, P. URGENT: YES / NO

AT: WRC

..... **Fax No.**

FROM: ..... J. C.

DATE: 4/4/96

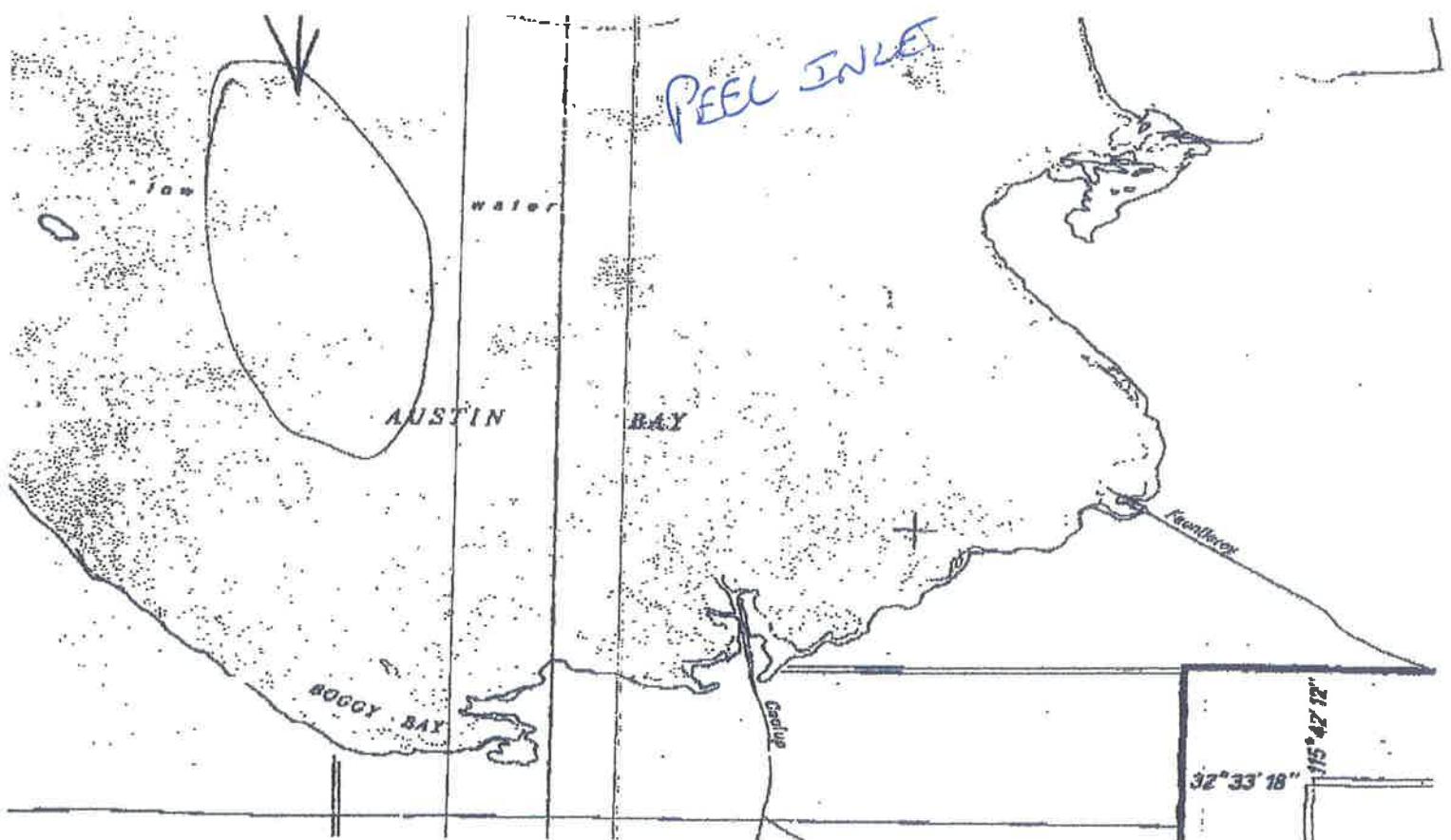
Your Ref: .....

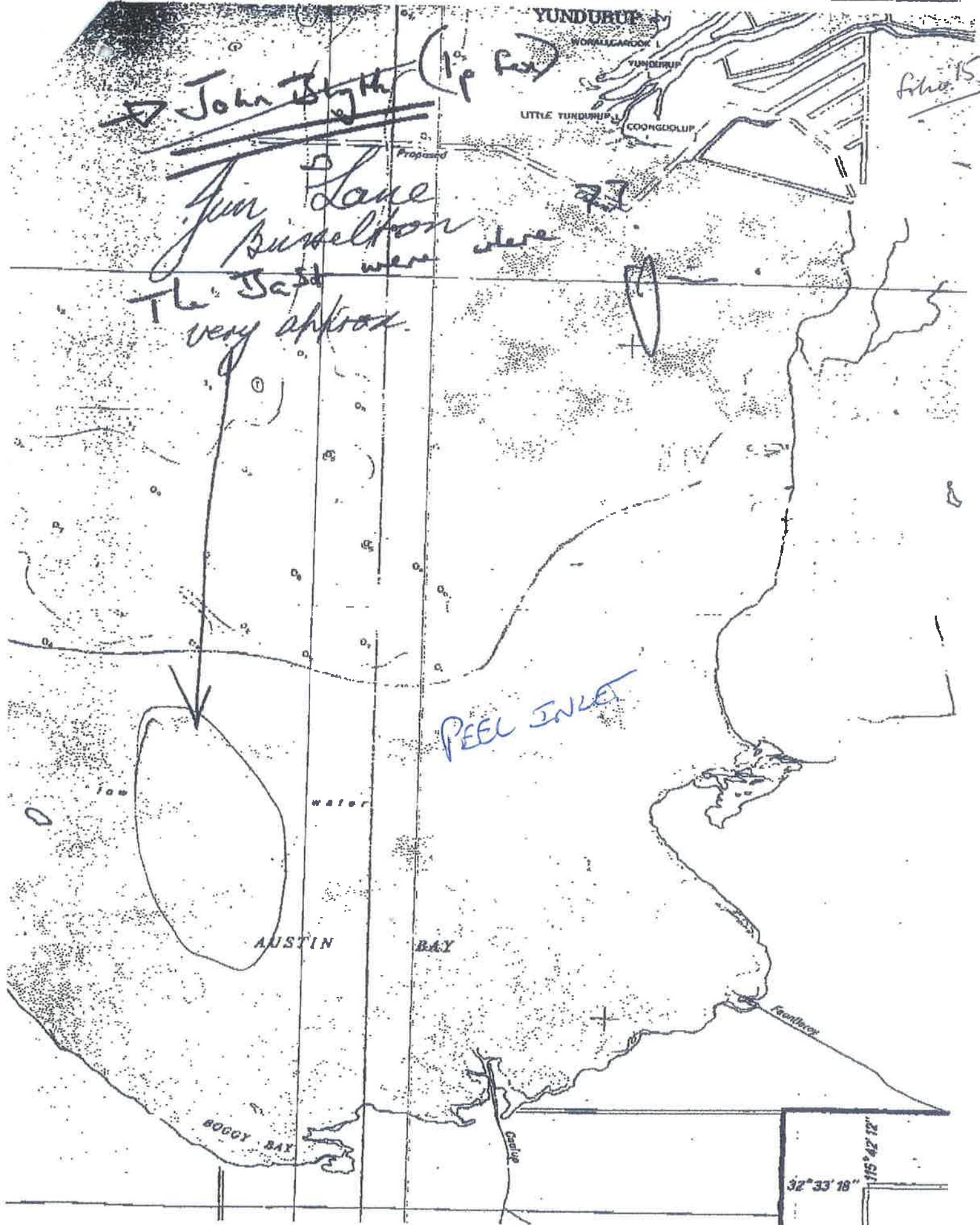
**Local Ref:** .....

Location of Bast John Blythe new

No. of pages inc. this page: (2)

Please call us on (097) 521 677 if this message was incomplete or illegible





**Fax (undated, probably early Nov 1996) from JL to CDTM advising of recent high counts of BaSt in WA (7000+ at Peel Inlet and 11,000 at Walyormouring Lake); advising that 'We are encouraging birders in WA to look out for flagged Banded Stilt and organising a Dec/Jan survey' and asking 'Are people in the east on the lookout'.**

**The above fax includes an email chain (started on 31/10/1996) by Richard Alcorn advising of 50,000+ BaSt on the Natimuk-Douglas saline wetlands in the Wimmera region of Victoria on 27th October 1996.**

To: Jim Lane info.

Dong.

( 3/11/96 )

To: dwatkins @ ancaror {MHS:dwatkins@anca.gov.au}  
 From: waders-l @ ANCAROR {MHS:waders-l@uct.ac.za}  
 Subject: [WADERS-L:185] Banded Stilts an  
 Date: 31/10/96 Time: 5:46a

For the interest of people on waders-l, I forward the following message from Richard Alcorn to the birding-aus listserver. The species concerned are the Australian endemics Banded Stilts (*Cladorhynchus leucocephalus*) and Red-necked Avocets (*Recurvirostra novaehollandiae*). Victoria is in south-eastern Australia.

Regards, Hugo.

>From: "Richard Alcorn" <RA@ADMIN.WIT.VIC.EDU.AU>  
 >Organization: Wimmera Institute of TAFE  
 >To: birding-aus@deakin.edu.au  
 >Date: Thu, 31 Oct 1996 13:00:17 +10  
 >Subject: Banded Stilts and Avocets on the Natimuk-Douglas saline wetlands  
 >Priority: normal  
 >  
 >On 27 October 1996 there were 57,000 stilts and avocets on these  
 >wetlands in the Wimmera region of Victoria. About 90% were Banded  
 >Stilts. This represents about one-quarter of the Banded Stilt  
 >population.  
 >  
 >There are about 30 seasonal lakes in this system. Refer to Wingspan  
 >September 1995 for a map and information on public access points to  
 >these lakes. On the above date the birds were spread across a number  
 >of lakes, principally Olivers Lake (16,000), Mitre Lake (15,000),  
 >small lake south-west of Connans Swamp (4,000), Heard Lake (5000),  
 >Bow Lake (6,000) and Centre Lake (11,000). All roads are passable  
 >now.  
 >  
 >Margaret and myself have been counting these wetlands monthly since  
 >1989 and this is the largest number we have seen yet. They will  
 >probably stay for another two months or so as there is currently a lot  
 >of water in the lakes (most lakes will dry over summer).  
 >  
 >Richard Alcorn  
 >ra@admin.wit.vic.edu.au

Hugo Phillipps,  
 RAOU Conservation & Liaison,  
 Australian Bird Research Centre,  
 415 Riversdale Road,  
 Hawthorn East, VIC 3123, Australia.  
 Tel: +61 3 9882 2622. Fax: +61 3 9882 2677.  
 Email: <conservation@raou.com.au>  
 The Virtual Emu: <http://www.vicnet.net.au/~raou/raou.html>

FAXED

Clive Merton

For info.

We are encouraging birders in W.A.  
 to look out for flagged Banded Stilt and ongoing a  
 Dec/Jan survey. Live people in  
 the east on the  
 lookout? Clive

**Letter (Nov 1996) from Colin Davis (RAOU Wader Study Group) to ACL inter alia inferring that ACL perhaps surveyed the waterbirds of Lake Logue on 06/02/1996 [If so, he would have been looking for leg-flagged BaSt, even if that wasn't the primary purpose of the survey].**



# Royal Australasian Ornithologists Union

Incorporating Australian Bird Trust

Established 1901 A.C.N. 004 076 475

(62)

## WADER STUDY GROUP.

Dear

*Alan*

As you are aware Bryan Barrett has been the co-ordinator of the WA Wader Study Group.

However due to less than the best of health Bryan is unable to give his full attention to the various duties required, including reports to interested members.

I have now agreed to be the contact person for members of the group and all reports should be sent to me : -

Colin Davis  
199 Kitchener Rd  
Booragoon 6154

Tel 330 1482

The response of members to this project has been good, however we still need continuing reports, and particularly from inland areas, Albany, and the area between Perth and Geraldton.

NOV 96.

Colin Davis.

Thanks for your contribution to the Wader Study group. Your report was the only one between Dongara & Lancelin. The Count of 120 Green shanks on 6/2/96 is great. I would like to visit Lake Sogne myself - maybe next year.

Keep up the good work.

Regards *Colin Davis*

Head Office: 115 Riversdale Road, Hawthorn East, Vic. 3123. Tel: (03) 9882 2622 Fax: (03) 9882 2677

Other Offices: GPO Box 3943, Sydney NSW 2001. Tel: (02) 252 1409 Fax: (02) 252 1400 71 Oceanic Drive, Floreat, WA 6014. Tel: (09) 383 7749 Fax: (09) 387 3412

Observatories: Barren Grounds, PO Box 3, Latherton, NSW 2533 Tel: (02) 36 0195 Fax: (02) 36 0537 Rottnest, PO Box 75, Pinnesville, Vic. 3830 Tel: (051) 56 6398

Eyre, Cocklebiddy via Norseman, WA 6443 Tel: (090) 39 4450 Broome, PO Box 1514, Broome, WA 6725 Tel: (091) 93 5600 Fax: (091) 92 2294

**Fax (23/10/1996) from JL to John Blyth with copy of article 'Leg-Flagged Banded Stilts' (including sightings received by JL to date)  
for December 1996 issue of WA Bird Notes.**

DEPARTMENT OF CONSERVATION AND LAND MANAGEMENT  
BUSSELTON DISTRICT  
FAX NO: (097) 521 432

13.

**FAXED**

TO: JOHN DLYTH .....

URGENT: YES / NO

AT: WRC .....

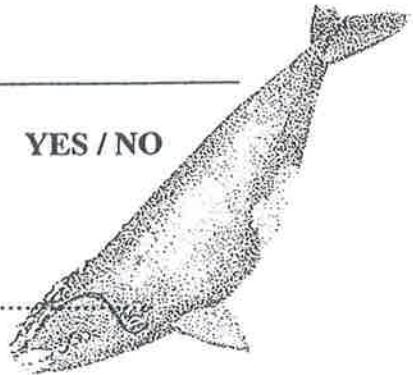
Fax No. ....

FROM: JIM LANE .....

DATE: 23/10/96

Your Ref: .....

Local Ref: .....



Have Enclosed attached article for doc  
none of WASN to you today. Clear

No. of pages inc. this page: (2)

Please call us on (097) 521 677 if this message was incomplete or illegible

So, should you sight a leg-flagged stilt we would be most grateful if you could pass the details on to Grant Pearson at CALM's Woodvale office (ph 09 405 5163 or fax 09 306 1641) or to Jim Lane at CALM's Busselton office (097 52 1677 or fax 097 52 1432).

The leg-flags are small, made of stiff yellow plastic and positioned above the "knee".

The information we are seeking is location, date, number of flagged stilts seen, how well-developed the breast bands of the flagged stilts were, the total number of stilts at the site and any other information of possible interest. Please also include the name of the observer and a contact number or address.

If you would like advice on where (which lakes, estuaries, saltworks etc.) to look for Banded Stilt, please ring Grant or myself.

Also, if you are interested in joining, on a cost sharing basis, a special search for flagged stilts this summer, please contact Grant Pearson. We are trying to organise a trip.

Hope to see you out on the briny!

Jim Lane

23/10/96

## LEG-FLAGGED BANDED STILTS

Last year, following torrential rains and successful breeding on Lakes Ballard and Marmion near Menzies, 500 Banded Stilt chicks were leg-flagged and 800 banded (see WABN Nos. 74-76 for details).

Since then, the following sightings have been reported.

DATE	LOCATION	NUMBER SIGHTED	DISTANCE (KMS)	REPORTED BY
24.10.95	Lake Arrow	1	110 (S)	Andy Chapman
21.1.96	Rottnest Island	1	610 (SW)	Fran Head
28.2.96	Port Hedland Saltworks	4*	1075 (N)	Grant Pearson
07.3.96	Dampier Saltworks	1	1100 (NNW)	Steve van Leeuwen
29.9.96	Yarra Yarra Lakes	1	520 (W)	Brenda Newbey

\* 3 flags and 1 band only. All other sightings are of flags.

We are very keen to get as many sightings as we can during the next few years (the flags should last that long) and the next twelve months in particular. These are the only Banded Stilt to have ever been leg-flagged and it may be many years before another opportunity to study this fascinating species arises.

So, should you sight a leg-flagged stilt we would be most grateful if you could pass the details on to Grant Pearson at CALM's Woodvale office (ph 09 405 5163 or fax 09 306 1641) or to Jim Lane at CALM's Busselton office (097 52 1677 or fax 097 52 1432).

The leg-flags are small, made of stiff yellow plastic and positioned above the "knee".

The information we are seeking is location, date, number of flagged stilts seen, how well-developed the breast bands of the flagged stilts were, the total number of stilts at the site and any other information of possible interest. Please also include the name of the observer and a contact number or address.

If you would like advice on where (which lakes, estuaries, saltworks etc.) to look for Banded Stilt, please ring Grant or myself.

Also, if you are interested in joining, on a cost sharing basis, a special search for flagged stilts this summer, please contact Grant Pearson. We are trying to organise a trip.

Hope to see you out on the briny!

Jim Lane

23/10/96

**Fax (23/10/1996) from JL to Verna Costello (CALM Corporate Relations) with information ‘... that could be used as basis for article in Bush Telegraph’. Aim is to encourage people to look for and report leg-flagged Banded Stilts. Obtain copy of article, assuming it eventuated.**

An attached page, not sent to Verna, indicates that the final numbers banded and flagged at Lakes Ballard and Marmion in 1995 were 500 leg-flagged and 800 leg-banded. Presumably these are rounded (i.e. approximate) numbers.

DEPARTMENT OF CONSERVATION AND LAND MANAGEMENT  
BESSELTON DISTRICT

FAX NO: (097) 521 432

16

TO: VERNA COSTELLO URGENT: YES / NO

AT: CORP REL.

..... Fax No. ....

FROM: ITEM LANE

DATE: 23/10/96

Your Ref: .....

Local Ref: .....

Received your phone message. I am in the office for a few days and  
will be away for most of 3 weeks. Attached is some info  
that could be used as basis for article in "Shore Digs". The  
most important thing now is for anyone who sights flag-stilt

No. of pages inc. this page: 5 to report them to us. The attached  
Please call us on (097) 521 677 if this message was incomplete or illegible

For each observation:

- **Location (i.e which lake on Rottnest)**
- **Date and time of observation**
- **Observer's name(s) and contact details**
- **Total number of Banded Stilt seen at location**
- Estimate of % of these birds with chestnut chest bands
- **Number of Banded Stilt with yellow leg flags seen at location**
- Whether or not the flagged stilt have chestnut chest bands

The most important information to be obtained is shown in bold. From this we will gain information on timing and direction of dispersal from breeding areas, and subsequent movements. The other information requested will give us an indication of breeding success, plumage development and (possibly) age at first breeding.

Note especially that all data gathered are valuable, regardless of whether flagged birds are seen or not.

Records can be sent to Mr Grant Pearson, Senior Technical Officer, Department of Conservation and Land Management, Woodvale, 6065; (ph) 405 5163, (fax) 306 1641.

Queries may be directed to Grant in the first instance. If he is not available I can be contacted by phone on (097) 521 677 or by fax (097) 521 432.

copy of a letter to Tom Head (Rottnest) indicate

# DEPARTMENT OF CONSERVATION AND LAND MANAGEMENT

Please address all enquiries to:

14 Queen Street  
BUSSELTON WA 6280



lo,

Your Ref:  
Our Ref:  
Enquiries:

Ms Fran Head  
Environmental Department  
ROTTNEST ISLAND WA 6161

Dear Fran,

Following on from our telephone conversation last week, I thought I would send you copies of recent articles concerning the Banded Stilt research we are doing. You will see that the second article makes mention of the leg flagging.

Now that inland waters are drying out (the forecast for Kalgoorlie is 37 degrees today!), we are keen to find a small number of volunteers who could assist us in monitoring the birds' return to the coast.

Rottnest Island is a favourite coastal haunt of the Banded Stilt and provides a very suitable monitoring site.

The information we are seeking, preferably on a weekly basis but fortnightly would be OK, is as follows:

For each observation:

- **Location (i.e which lake on Rottnest)**
- **Date and time of observation**
- **Observer's name(s) and contact details**
- **Total number of Banded Stilt seen at location**
- Estimate of % of these birds with chestnut chest bands
- **Number of Banded Stilt with yellow leg flags seen at location**
- Whether or not the flagged stilt have chestnut chest bands

The most important information to be obtained is shown in bold. From this we will gain information on timing and direction of dispersal from breeding areas, and subsequent movements. The other information requested will give us an indication of breeding success, plumage development and (possibly) age at first breeding.

Note especially that all data gathered are valuable, regardless of whether flagged birds are seen or not.

Records can be sent to Mr Grant Pearson, Senior Technical Officer, Department of Conservation and Land Management, Woodvale, 6065; (ph) 405 5163, (fax) 306 1641.

Queries may be directed to Grant in the first instance. If he is not available I can be contacted by phone on (097) 521 677 or by fax (097) 521 432.

Finally I would like to emphasise how significant any observations of flagged birds will be. This is the first time that Banded Stilt (a species found only in Australia) have ever been flagged, so all sightings will add significantly to our understanding of this beautiful bird's fascinating life.

Thanks very much for your interest in this. As mentioned the other day, Grant will come over to Rottnest some time soon to meet you and any other volunteers.

Yours sincerely,

Jim Lane  
Principal Research Scientist  
30 October 1995

Copies: **Grant Pearson**  
**Mike Bamford (WA Wader Study Group)**

Yvonne Costello

Copy of last year's call for info

Request still option - particularly coming  
dry season.

As done

23/10/96

**STOP PRESS Leg-flagged Banded Stilts**

Tens of thousands of Banded Stilts have nested at Lake Ballard near Menzies during the past two months, following cyclonic rain in January. During the first week of May, Alan Clarke, Andy Chapman and I leg-flagged 170 chicks at various stages of growth. The leg-flags are small, made of stiff yellow plastic and located above the left "knee" (on the tibia).

The lake's water level is high and food supply (brine-shrimps) abundant so the majority of these chicks should survive to fledge and disperse to other wetlands.

Should you sight any of these leg-flagged stilts we would be most grateful if you could pass the details on to me at CALM's Busselton office (ph: 097-521677 or fax: 097-521432 or mail c/o Dept. of CALM, Queen Street, Busselton, 6280). Information we would like is location, date, number of "flagged" stilts seen, total number of stilts and any other information of possible interest. Include the name of the observer and a contact number or address.

Jim Lane

WABN #74 p 19

final numbers

were 500 leg flagged and 800 banded.

**Fax (23/10/1996) from JL to GBP with copy of 'Leg-flagged Banded Stilts' article to appear in December issue of WA Bird Notes. Article reports yellow leg-flag sightings to date (24/10/1995 to 29 Sep 1996), requests further sightings to be reported to GBP or JL, and offers participation in proposed trip by Alan Clarke in summer 1996/97 to search for leg-flagged BaSt.**

TO: G. PEARSON

## LEG-FLAGGED BANDED STILTS

MB - RAOA  
has \$ - expectation  
for Bas & in collaboration  
with WBN

(138)

Last year, following torrential rains and successful breeding on Lakes Ballard and Marmion near Menzies, 500 Banded Stilt chicks were leg-flagged and 800 banded (see WABN Nos. 74-76 for details).

Since then, the following sightings have been reported.

DATE	LOCATION	NUMBER SIGHTED	DISTANCE (KMS)	REPORTED BY
24.10.95	Lake Arrow	1	110 (S)	Andy Chapman
21.1.96	Rottnest Island	1	610 (SW)	Fran Head
28.2.96	Port Hedland Saltworks	4*	1075 (N)	Grant Pearson
07.3.96	Dampier Saltworks	1	1100 (NNW)	Steve van Leeuwen
29.9.96	Yarra Yarra Lakes	1	520 (W)	Brenda Newbey

\* 3 flags and 1 band only. All other sightings are of flags.

We are very keen to get as many sightings as we can during the next few years (the flags should last that long) and the next twelve months in particular. These are the only Banded Stilt to have ever been leg-flagged and it may be many years before another opportunity to study this fascinating species arises.

So, should you sight a leg-flagged stilt we would be most grateful if you could pass the details on to Grant Pearson at CALM's Woodvale office (ph 09 405 5163 or fax 09 306 1641) or to Jim Lane at CALM's Busselton office (097 52 1677 or fax 097 52 1432).

The leg-flags are small, made of stiff yellow plastic and positioned above the "knee".

The information we are seeking is location, date, number of flagged stilts seen, how well-developed the breast bands of the flagged stilts were, the total number of stilts at the site and any other information of possible interest. Please also include the name of the observer and a contact number or address.

If you would like advice on where (which lakes, estuaries, saltworks etc.) to look for Banded Stilt, please ring Grant or myself.

Also, if you are interested in joining, on a cost sharing basis, a special search for flagged stilts this summer, please contact Grant Pearson. We are trying to organise a trip.

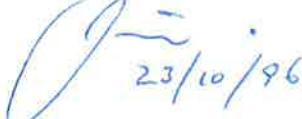
Hope to see you out on the briny!

 Alan's

Jim Lane

 Grant: Here sent this to John Dym & Lorley for inclusion in dec issue of WABN.

Please discuss marked gear with Alan & me.

 Jim  
23/10/96

**Draft (23/10/1996) of article 'Leg-Flagged Banded Stilts'  
(including sightings received by JL to date) that was published  
(pp.16-17) in WA Bird Notes No.80 December 1996 (copy above).**

## LEG-FLAGGED BANDED STILTS

Last year, following torrential rains and successful breeding on Lakes Ballard and Marmion near Menzies, 500 Banded Stilt chicks were leg-flagged and 800 banded (see WABN Nos. 74-76 for details).

Since then, the following sightings have been reported.

DATE	LOCATION	NUMBER SIGHTED	DISTANCE (KMS)	REPORTED BY
24.10.95	Lake Arrow	1	110 (S)	Andy Chapman
21.1.96	Rottnest Island	1	610 (SW)	Fran Head
28.2.96	Port Hedland Saltworks	4*	1075 (N)	Grant Pearson
07.3.96	Dampier Saltworks	1	1100 (NNW)	Steve van Leeuwen
29.9.96	Yarra Yarra Lakes	1	520 (W)	Brenda Newbey

\* 3 flags and 1 band only. All other sightings are of flags.

We are very keen to get as many sightings as we can during the next few years (the flags should last that long) and the next twelve months in particular. These are the only Banded Stilt to have ever been leg-flagged and it may be many years before another opportunity to study this fascinating species arises.

So, should you sight a leg-flagged stilt we would be most grateful if you could pass the details on to Grant Pearson at CALM's Woodvale office (ph 09 405 5163 or fax 09 306 1641) or to Jim Lane at CALM's Busselton office (097 52 1677 or fax 097 52 1432).

The leg-flags are small, made of stiff yellow plastic and positioned above the "knee".

The information we are seeking is location, date, number of flagged stilts seen, how well-developed the breast bands of the flagged stilts were, the total number of stilts at the site and any other information of possible interest. Please also include the name of the observer and a contact number or address.

If you would like advice on where (which lakes, estuaries, saltworks etc.) to look for Banded Stilt, please ring Grant or myself.

Also, if you are interested in joining, on a cost sharing basis, a special search for flagged stilts this summer, please contact Grant Pearson. We are trying to organise a trip.

Hope to see you out on the briny!

Jim Lane

23/10/96

**A page of notes by JL recording John Blyth's count of 7000 ( $\pm$  25%) Banded Stilt in Austin Bay (Peel Inlet) on Sun 20<sup>th</sup> October, 1996. See JL's fax to GBP of 04/11/96 above for map of location.**

John Beyle

- 1 km from them
- using scope ( $\rightarrow 40 \times$ )
- No doubt about ID
- Count  $\pm 25\%$
- 7,000 ( $\pm 25\%$ )
- If anything, an underestimate
- Austin Bay (Peel Inlet).

Sunday 20 October 86

around 1100 am.

Banded Stilt

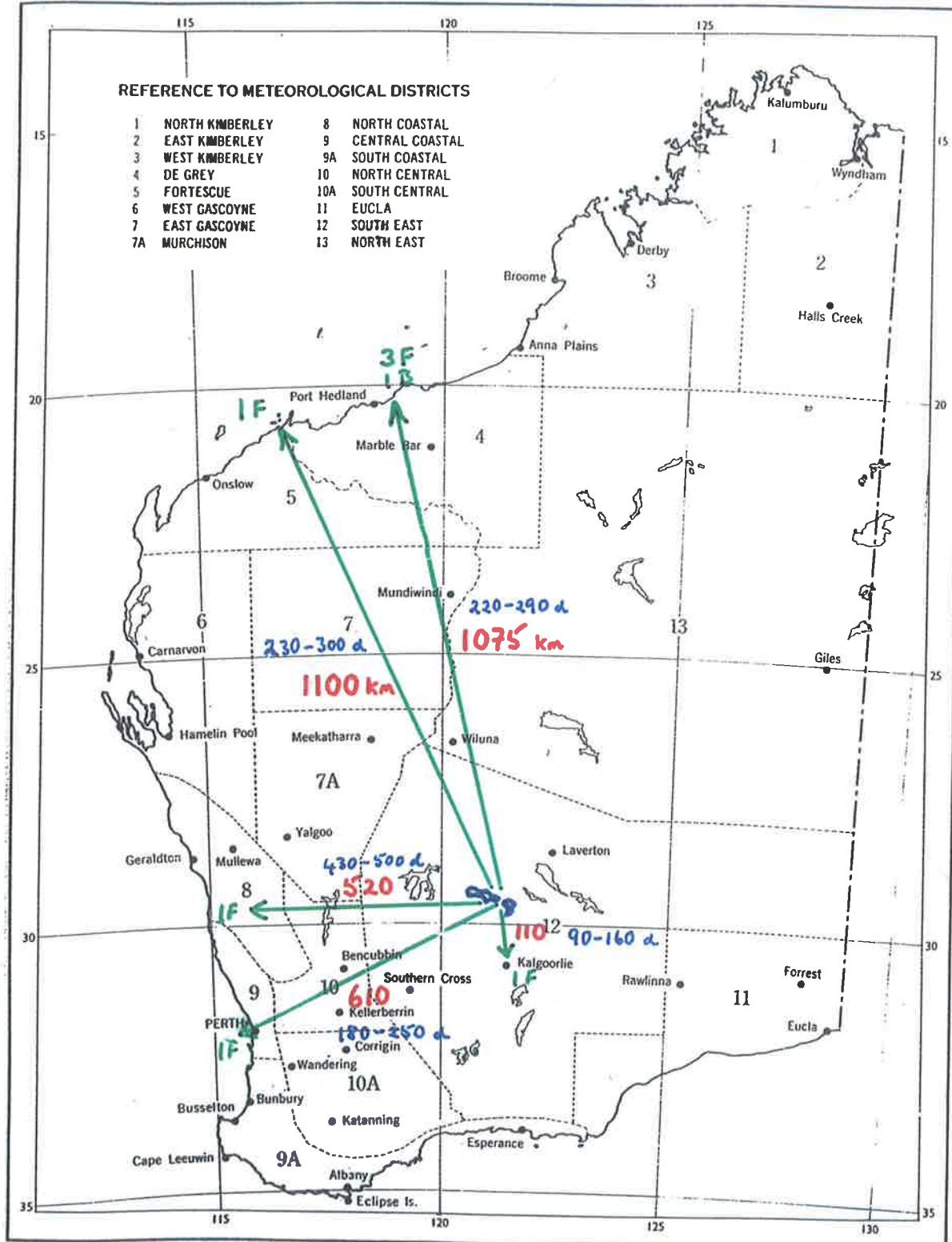
Counted c 1000 Pied Shlr

**Map headed 'Leg Flag & Band Sightings' that was JL projected during his presentation (on behalf of JL, CDTM *et al.*) at the 'Southern Hemisphere Ornithological Conference' in Albany, WA, on 07/10/1996. Shows distance travelled and days elapsed of BaSt flagged at Lakes Ballard & Marmion in 1995 and subsequently sighted at various locations (5) in WA.**

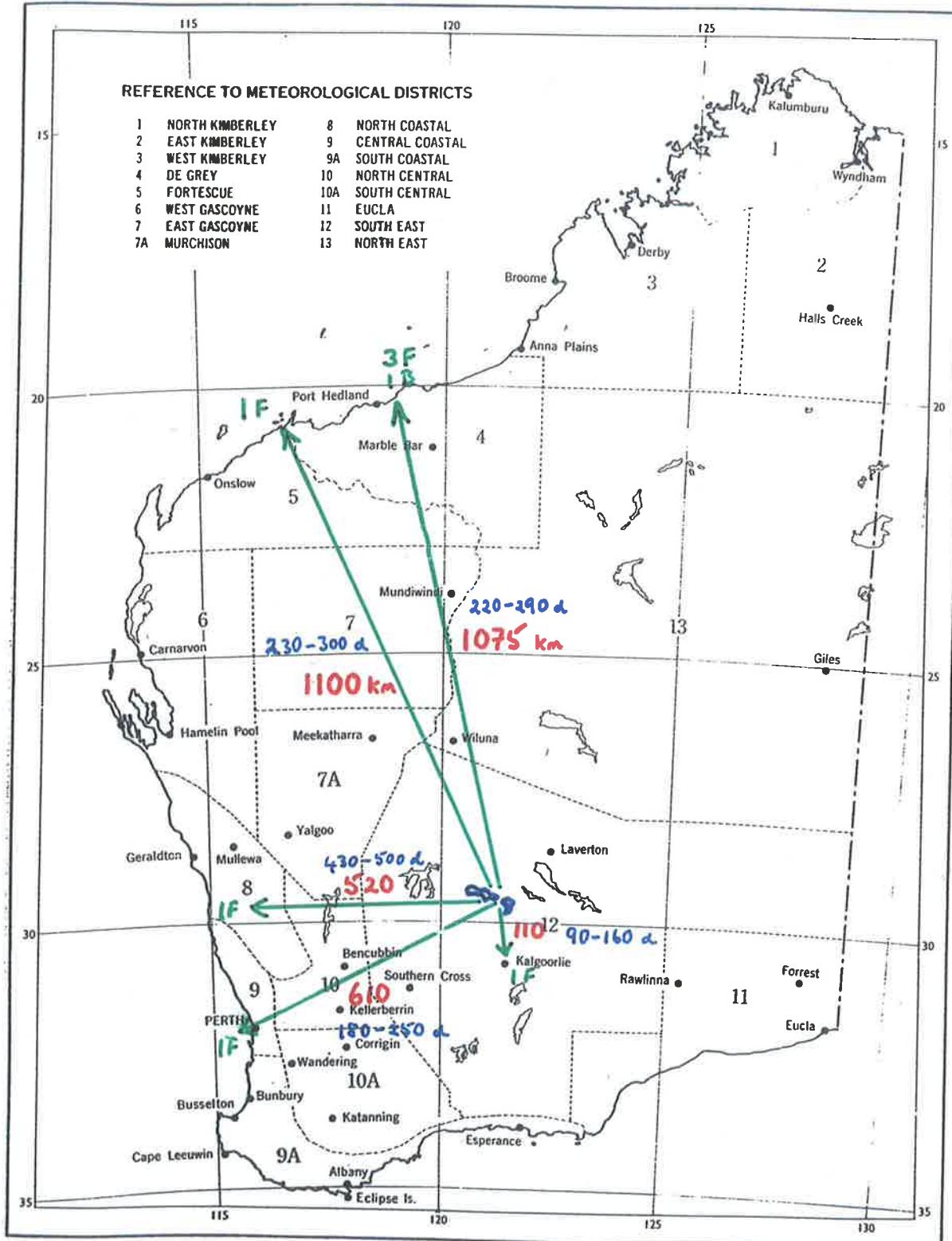
From the "folio 58"  
collection.

2/17/2014

## LEG FLAG & BAND SIGHTINGS WESTERN AUSTRALIA



# LEG FLAG & BAND SIGHTINGS WESTERN AUSTRALIA



**A table providing details of the five BaSt leg-flag sightings shown in the map (see above) presented by JL at SHOC, Albany, on 07/10/1996 (see above). This table was not included in the presentation.**

## LEG FLAG & BAND SIGHTINGS

500 CHICKS FLAGGED & 800 CHICKS BANDED

CHICKS FLEDGED MAY-JULY 1995

<u>DATE</u>	<u>LOCATION</u>	<u>No.</u>	<u>KM</u>	<u>DIR'N</u>	<u> DAYS</u>
24.10.95	L. ARROW	1	110	S	90 - 160
21.1.96	ROTTNEST	1	610	SW	180 -250
28.2.96	PORT HEDLAND	4*	1075	N	220 - 290
07.3.96	DAMPIER	1	1100	NNW	230 - 300
29.9.96	YARRA YARRA	1	520	W	430 - 500

\* 3 flags and 1 band. All other sightings are of flags.

"folios" collection

2/7/01/2014

- Material used to prepare  
for BEST talk at Shn.

Item. Com. Congress on 7/10/96

- This material not actually used on  
the day

- includes inter alia cyclone tracks  
for 1967-77 and 1985 (83?)  $\rightarrow$  84  
from met Bureau. Should make more  
use of this later.

**JL's notes of Brenda Newbey's sighting (reported by Brenda to  
JL by phone on 02/10/1996) of a yellow leg-flagged Banded Stilt on  
Yarra Yarra Lakes (Near Three Springs, WA) on Sun 29<sup>th</sup>  
September 1996.**

# Yellow leg-flagged St. Illegating

range no 2 10/96

Brenda Newbig

Sunday 29 September 96

- 2 clumps

'near base of lot lake - first part of lake  
on west bank'

(Yan Yean Lake)  
near Three Springs

- a lot of birds far out swimming

- 2 clumps closer to shore

she drove  
then down past channel

in main bay of lake "lots & lots" out  
swimming

Many birds out - as far as can see  
scattered white spots

- she drove back to

near base of lot lake - water is light pull  
up to bellis - then moved over mound  
under water - one had a leg tag (yellow)

- saw legs of about 80 birds

- many thousands of Best in Yan Yean

Count of one "clump" was 2-2,500 Best  
probably in excess of 10,000 Best.

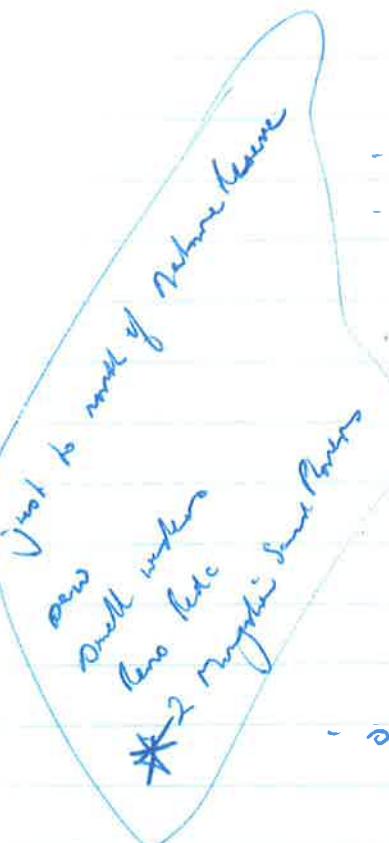
seen with

- brownless (not telescope) - ca 100 m away

- couldn't notice whether had breast band - had  
moved off mound by time she looked for this

lots with bands but hard to tell what proportion  
as most of the time they had their tails up - were  
feeding!

c 3-3.30 pm  
in afternoon



**‘Rough jottings [by JL] made in preparation for talk at ‘Sthn. Hem. Orn. Congress’, Albany 07/10/1996’. Includes calcns of numbers of BaSt chicks banded and flagged at Lakes Ballard and Marmion in 1995 and by whom, plus some details of leg-flag sightings from 24/10/1995 to Sept 1996. Note: scanned over two pages due to length.**

POV: 7.9, 7.8, 8.7

0 cm on 16/9.

Sweep samples =  
just samples -

4/1  
wrong ✓

Clutch size

15 quadrats  
2.5 x 5 m

brood size - 2.9, 2.7, 2.6 then 2.4 on water (+- 2 days after  
nesting)

hatching success - 2000 chicks hatched = 2 hrs.

fluffy success

Individual colour notes

Initially (150 rings & bands) Banded -  $10 \text{ (chick)} + 200 \text{ (Total)} = 210$   $\rightarrow$  bands  
Total 690 (700?) Banded

Leg Flagged -  $10 \text{ (chick)} + 170 = 180$   
 $195 + 260 + 20 = 475$   $\rightarrow$  flags  
500 by flagged? Marion

Sightings - 1. Lake Murray (24 km N of Bal) 24/10/95 -

1 Rottnest 21/1/96 -

1 Dampier Spt 7/3/96 -

3 Pine Islet sectors 28/2/96 -

1 Yarralum 19/96 -

Eggs collected - DNA

Predation - Little core (mostly dead, 2 live)  
Wt Eagle (1 live)  
Cat (potential)  
Not guilty.

Waterfall on Cossack Lake breeding.

ABC film



RELEVANT JOTTINGS MADE IN PREPARATION FOR TALK  
AT "STHM-ITEM. ORN. CONGRESS", Albany 7/10/96

overn rate? 400  
 Water  $\downarrow$  data logger  
 Water depths:  $\downarrow$   
 Selvintres:  
 pH: 7.9, 7.8, 8.7  
 $\downarrow$   
 estimate  $\approx 50$  cm - on 15/3  
 "back to more level" on 10/4 (after 70 mm rain)  
 51 cm on 14/4 (at N side Camp I)  
 54 cm on 28/4 .. ..  
 44 cm on 4/5 .. ..  
 0 cm on 46/9.

Sweep samples:  
 just samples -  $\downarrow$

$\downarrow$  1  
 1

Chick size

15 quadrats  
2.5 x 5 m

brown size - 2.9, 2.7, 2.6 then 2.4 on water (1-2 degs after  
rain)

hairy chicks - 2000 chicks have  $\approx 2$  hrs.

fluffy chicks

Individual colour marks

Intelligent (490 sightings with 200 birds)  
 Banded -  $\begin{bmatrix} 10 \text{ (chick)} \\ 200 \text{ (Total)} \end{bmatrix} \begin{matrix} \text{?} \\ \end{matrix} \begin{matrix} \text{?} \\ \end{matrix} \begin{bmatrix} \text{Total } \approx 690 \text{ (200?)} \text{ birds} \\ \text{Ballard} \\ \text{Heronian} \end{bmatrix}$

Leg Flagged -  $\begin{bmatrix} 10 \text{ (chick)} + 170 \\ 195 + 260 + 20 = 475 \\ \text{+ 11/6} \end{bmatrix} \begin{bmatrix} \text{500 by flagged?} \\ \text{Ballard} \\ \text{Heronian} \end{bmatrix}$

Sightings - 1 Little Tern (24 km N of Isal) 24/10/95 -  
 1 Rottnest 21/1/96 -  
 1 Dampier Spt 7/3/96 -  
 3 Pure Herdland sightings 28/2/96 -  
 1 Moreton 19/96 -  
 1 Moreton 19/96 -

Egg collected - DNA

Predations  $\rightarrow$  Little Tern (mostly dead, 2 live)  
 Wt Eagle (1 live)  
 Cat (potential)  
 Not guitars.

Waterfowl on Copper Lake breeding.

ADC film

**Fax (10/09/1996) from JL to ACI with editing of ACI's proposal  
(of 06/09/1996, below) 'Itinerary and costs for the proposed  
December 1996 search for leg-flagged Banded Stilt'.**

DEPARTMENT OF CONSERVATION AND LAND MANAGEMENT  
SCIENCE AND INFORMATION DIVISION  
WILDLIFE RESEARCH CENTRE, WOODVALE  
FAX NO (09) 306 1641 TELEPHONE NO (09) 405 5100

33



DATE:

6/9/96

TO:

SIM LANE

FROM:

ALAN CLARKE

NO OF PAGES:

# 5

(INCLUDING FACE SHEET)

MESSAGE:

Tim I have included the report for the proposed Banded Shrike survey. Could you fax back any queries you have. I will be in the office in the late afternoon Monday and Tuesday next week. Could you sign and send back my leave form too. THANKS ALAN

**FAXED**

Alan Clarke  
A bit of tidying up and  
clarification is needed but  
basically it looks good. Please make changes  
+ return to me. J = 10/9/96

4 page fax

32v

To: Jim Lane, P... R... S...

Subject: Itinerary and costs for the proposed December 1996 search for leg-flagged Banded Stilt.

Week 1 (9th -13th) ~~December~~

Monday Travel to Esperance via Lake King or other possible lakes in the surrounding area depending on positive reports of Stilt sightings, accommodation at Esperance District's chalet.

Tuesday am: Survey Pink, Warden, Station and Mullet Lakes.  
pm: observe Stilt on east side of Lake Gore as they gather on the shore in the late afternoon, camp on coast.Wednesday Survey Lakes Gidon and Kubitch, Stokes Inlet, Oldfield Estuary, Parriup lakes, Jerricuttup lakes and if time a preliminary survey of Culham Inlet. ~~Ma~~

Thursday Comprehensive survey of Stilt on Culham Inlet using plastic ski. Travel 4 hrs to Wilson Inlet. Survey southeast alcove and Morley Beach. Accommodation at Denmark.

Friday Survey Lake Kwoonicup (and possibly an un-named lake southeast of Big Poortarecup Lagoon Nature Reserve, identified by Mike Bamford : Note access to this lake is difficult.) and Balicup Lake. *Return to Perth.*

A Toyota Landcruiser that has travelled &gt;20 000km costs 29c/km.

Area	kms	Rate	Cost
South Coast	2000	29c	\$580.00
<b>Travel costs Technical Officer</b>			
Travel allowance	4.5	\$50.15	\$225.70 <del>\$226</del>
Overtime	5	\$38.80	\$194.00

*use whole dollars only.*

Week 2 (early December)

Monday Survey lakes north of Perth with appropriate water levels including Wannamal, Guraga, Hinds, Ninan and Wolyommouring. After consultation with Phil Fuller lakes to the east will most probably be dry, for example Cowcowing and Campion.

Tuesday Survey Wheatbelt lakes identified by Mike Bamford and RAOU observers.

Wednesday Survey Wheatbelt lakes identified by Mike Bamford and RAOU observers.

*not sure what you mean. "have been identified" or "will be identified"?*  
*identified on what basis? as ~~good~~ good Stilt sites?*

31.

Thursday Survey Wheatbelt lakes identified by Mike Bamford and RAOU observers.

Friday Robert and Austin Bays on the Peel Inlet.

Lakes that I expect to visit in the Wheatbelt survey include Coomelberup, Dumbleyung, Quarbing, White, Ibis, White Water, Mears, Yenning and any others as identified above. It is difficult to determine the exact route because of varying lake levels so I have quoted a ballpark figure to cover the above lakes. Additional funding should be ~~available~~ in for other sites that may arise from interested RAOU members.

Area	kms	Rate	Cost
Northern wetlands run	700	29c	\$203
Wheatbelt run (including the Lake Grace area)	1200	29c	\$348
Peel Inlet	220	29c	\$ 63.80 → \$ 64

Travel costs Technical Officer	Days	Rate	
Travel allowance	4.5	\$50.15	\$225.70 → \$ 226
Overtime	5	\$38.80	\$194.00h

**Total vehicle and travel costs**

Plastic Spirit 4m surf ski with paddle water tight compartment for camera etc and baggage straps at back

3 man tent

no, I will be at the next meeting and will do this

\$2034

\$2653.80

\$3860

\$250

Mike Bamford suggested I drop him a note explaining the proposed survey and he will bring it to the attention of RAOU members at the next meeting. He also suggested querying the RAOU's data base for information on Banded Stilt records. This additional information could help determine the most probable lakes to visit.

I would suggest that the northern wetlands should be visited in early December or even November because of current water levels. The two depth gauge runs will provide a guide to lake levels.

Mike Bamford and Grant Pearson have suggested that due to the good winter rainfall this season that the Wheatbelt and South Coast surveys should be conducted in January or even February of 1997.

OK

I have not included information for lakes further east of the Wheatbelt or in the Goldfields.

I have included a request from Grant and myself for a plastic surf ski. I propose to use the ski to quietly approach the Banded Stilt in very shallow water where the mud is very deep or where the birds have congregated on the other side of lakes where there is

We should decide after Sep wetland surveys.

good idea, please do (get copies)

306

restricted access. I successfully used my Avon descent ski in the <sup>May</sup> 1996 survey for this purpose. This robust ski would also be useful for other wetlands monitoring.

Alan Clarke  
6 September 1996.

Technical Officer

cc Grant Pearson.

**Memorandum (06/09/1996) from Alan Clarke (ACI) to JL headed 'Itinerary and costs for the proposed December 1996 search for leg-flagged Banded Stilt'. This was a proposed ground survey of likely wetlands in SW Australia (north to Wongan Hills – Cataby and east to Esperance, including Wheatbelt). This would be ACI's 2<sup>ND</sup> extensive ground search. See above (10/09/1996) for JL's edits.**

**Includes a comment that 'Mike Bamford suggested I drop him a note explaining the proposed survey and he will bring it to the attention of RAOU [now Birdlife Australia] members at the next meeting [presumably of the RAOU WA Group]'.**

To: Jim Lane

dated 06/09/1966

16/01/2014

Subject: Itinerary and costs for the proposed December 1996 search for leg-flagged Banded Stilt.

**Week 1 (9th -13th)**

Monday Travel to Esperance via Lake King or other possible lakes in the surrounding area depending on positive reports of Stilt sightings, accommodation at Esperance District's chalet.

Tuesday am: Survey Pink, Warden, Station and Mullet Lakes.  
pm: observe Stilt on east side of Lake Gore as they gather on the shore in the late afternoon, camp on coast.

Wednesday Survey Lakes Gidon and Kubitch, Stokes Inlet, Oldfield Estuary, Parriup lakes, Jerrdicutup lakes and if time a preliminary survey of Culham Inlet.

Thursday Comprehensive survey of Stilt on Culham Inlet using plastic ski. Travel 4 hrs to Wilson Inlet. Survey southeast alcove and Morley Beach.  
Accommodation. at Denmark.

Friday Survey Lake Kwornicup ( and possibly an un-named lake southeast of Big Poorrarecup Lagoon Nature Reserve, identified by Mike Bamford : Note access to this lake is difficult.) and Balicup Lake.

A Toyota Landcruiser that has travelled >20 000km costs 29c/km.

Area	kms	Rate	Cost
South Coast	2000	29c	\$580.00
Travel costs Technical Officer	Days	Rate	
Travel allowance	4.5	\$50.15	\$225.70
Overtime	5	\$38.80	\$194.00

**Week 2 (early December)**

Monday Survey lakes north of Perth with appropriate water levels including Wannamal, Guraga, Hinds, Ninan and Wolyormouring. After consultation with Phil Fuller lakes to the east will most probably be dry, for example Cowcowing and Campion.

Tuesday Survey Wheatbelt lakes identified by Mike Bamford and RAOU observers.

Wednesday Survey Wheatbelt lakes identified by Mike Bamford and RAOU observers.

Thursday Survey Wheatbelt lakes identified by Mike Bamford and RAOU observers.

Friday Robert and Austin Bays on the Peel Inlet.

Trav Lakes that I expect to visit in the Wheatbelt survey include Coomelberup, Dumbleyung, Quarbing, White, Ibis, White Water, Mears Yenning and any others as identified above. It is difficult to determine the exact route because of varying lake levels so I have quoted a ballpark figure to cover the above lakes. Additional funding should be built in for other sites that may arise from interested RAOU members.

Area	kms	Rate	Cost
Northern wetlands run	700	29c	\$203
Wheatbelt run (including the Lake Grace area)	1200	29c	\$348
Peel Inlet	220	29c	\$ 63.80

Travel costs Technical Officer	Days	Rate	
Travel allowance	4.5	\$50.15	\$225.70
Overtime	5	\$38.80	\$194.00

<b>Total vehicle and travel costs</b>	<b>\$2033.80</b>
Plastic Spirit 4m surf ski with paddle	
water tight compartment for camera	
etc and baggage straps at back	\$860
3 man tent	\$250

Mike Bamford suggested I drop him a note explaining the proposed survey and he will bring it to the attention of RAOU members at the next meeting. He also suggested querying the RAOU's data base for information on Banded Stilt records. This additional information could help determine the most probable lakes to visit.

I would suggest that the northern wetlands should be visited in early December or even November because of current water levels. The two depth gauge runs will provide a guide to lake levels.

Mike Bamford and Grant Pearson have suggested that due to the good winter rainfall this season that the Wheatbelt and South Coast surveys should be conducted in January or even February of 1997. ?

I have not included information for lakes further east of the Wheatbelt or in the Goldfields.

I have included a request from Grant and myself for a plastic surf ski. I propose to use the ski to quietly approach the Banded Stilt in very shallow water where the mud is very deep or where the birds have congregated on the other side of lakes where there is

restricted access. I successfully used my Avon descent ski in the ~~May~~ 1996 survey for this purpose. This robust ski would also be useful for other wetlands monitoring.

Alan Clarke  
6 September 1996.

cc Grant Pearson.

June?

23/01/2014

**An undated page of jottings that appear to be distances (km) and vehicle costs for a proposed leg-flagged BaSt survey of SW WA by ACl. Refers to proposed purchase of a survey ski. Also reference to Colin Davis and Lake Logue.**

## DEPARTMENT OF CONSERVATION AND LAND MANAGEMENT

(17)

Form CLM 80A

To: .....

From: .....

Your Ref:

Our Ref:

Enquiries:

Phone:

Subject: .....

40	19
40	
40	
37	27
18	18
48	60
48	35
18	30
23	25
<hr/>	
315	
<hr/>	
360	

landowner 1705  
750

2460 x 43c

commodor 360 134.7  
630 1057.80

990 x 17 168.30

53.10

313.69 TA

849.00 SKI  
50.00

8.20 TA

120.00 OT

B25 EXPANDIR 2600.09

wholly morning write up

B25, 2 SW write up

ring Colin Davis about

- areas of interest

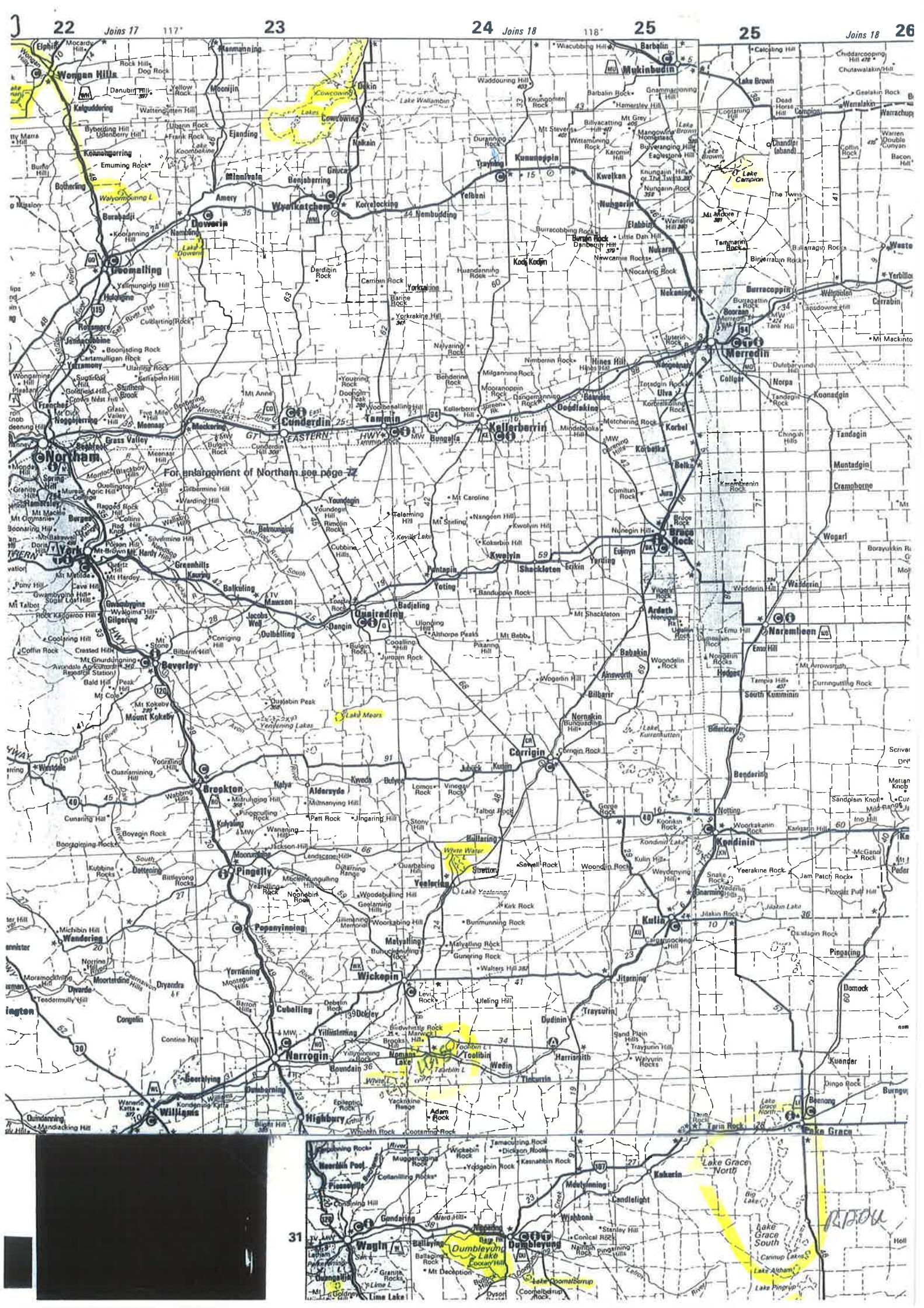
- take logue

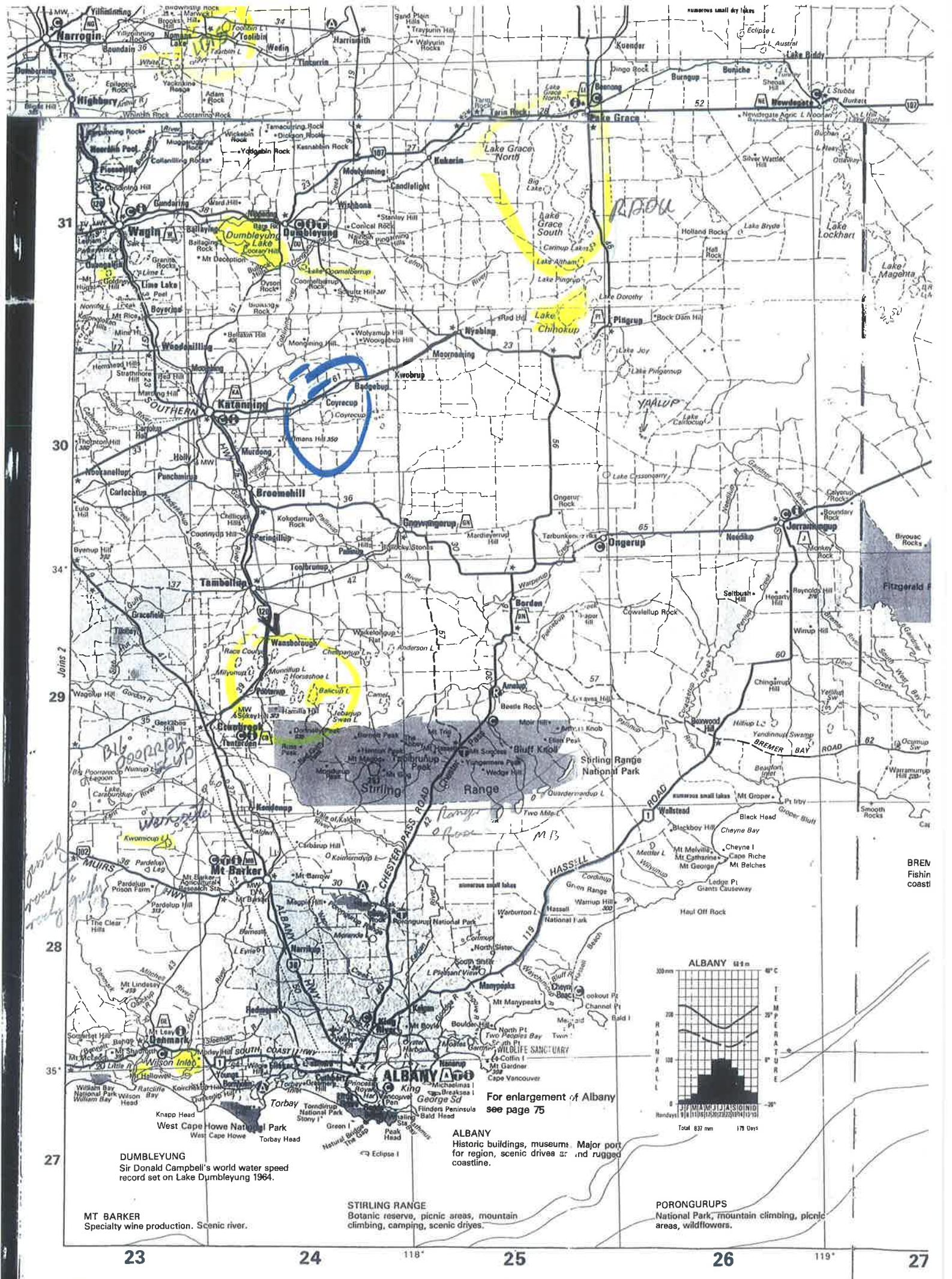
6 6 6  
6 6 6  
6 6 6  
6 6 6

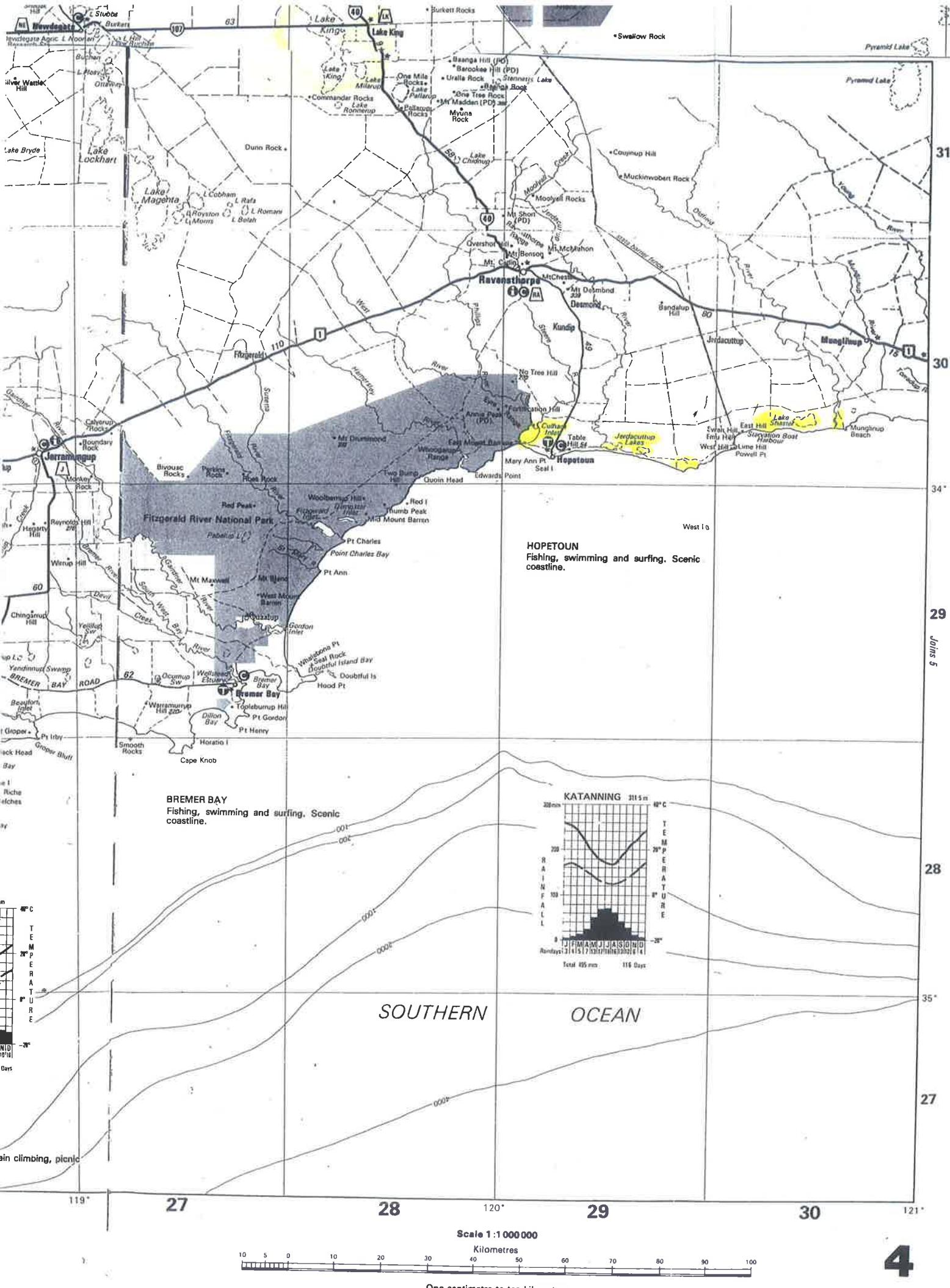
85.85  
20.00  
10.00  
55.85

**Undated composite map of south-western Australia with the following wetlands highlighted: Culham Inlet to Oldfield River estuary; Lake King area, Wilson Inlet, Kwornicup Lake, Balicup Lake area, Coyrecup Lake, Lake Chinokup (Chinocup), Lake Altham, Lake Grace, Lake Coomelberrup, Lake Dumbleyung, Wagin lakes area, Toolibin Lake area, Whitewater Lake, Brown Lake, Lake Mears, Lake Campion, Cowcowing Lakes, Lake Dowerin, Walyormouring Lake, Lake Ninan, Lake Hinds?, Guraga Lake. Kilometres are tallied. Presumably this was prepared (by ACI?) when planning a ground survey for leg-flagged Banded Stilts.**



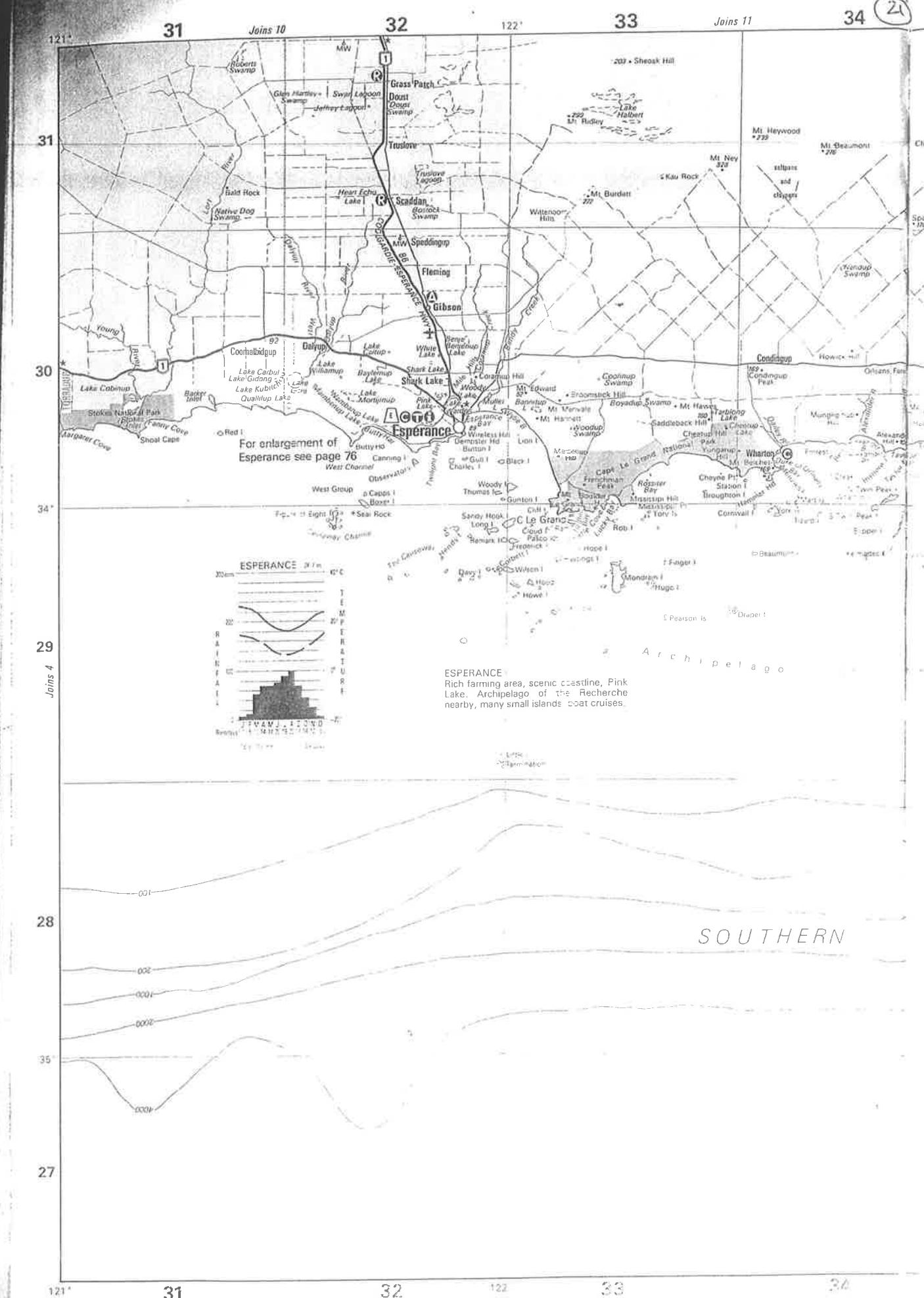


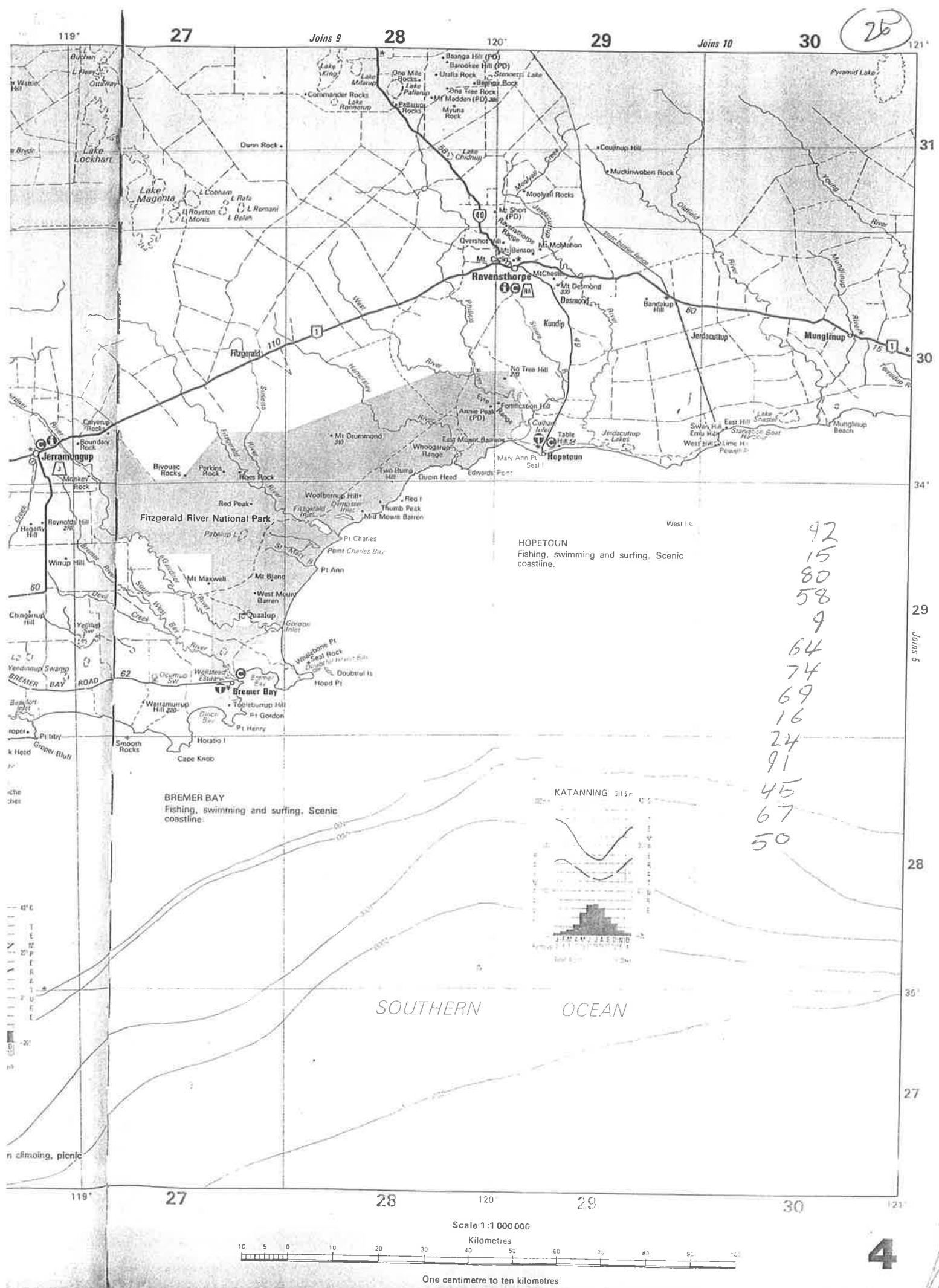




4

**Undated collection of maps of SW WA with some wetlands marked and a list of numbers that are perhaps distances (km).**







19

20

Joins 7

116°

21

22

Joins 8

117°

23

22

forests. Scenic flowers.

Reefs

Swimming, crabbing,

see page 71

Geographic

Bays

Meelup

Dunsborough

Busselton

Woorolup

Gardiner

Tumup

Yoganup

Hatherleigh

Margaret River

Mowen

Margaret River

Rosa Glen

Mt Yates

Covaramup

Whitcher

Treeton

Margaret

Margaret

River

Witchcliffe

Forest

Grove

Caves

Flat

River

Ricky Falls

Falls

Highway

10

Highway

36

31

35

34

33

32

for explanation of terms, see *Index*.

9

LAKIE, HINDS

21

22

Joins 17

17°

23

24 *Joins 18*

25

25

36

35

34

33

30

8

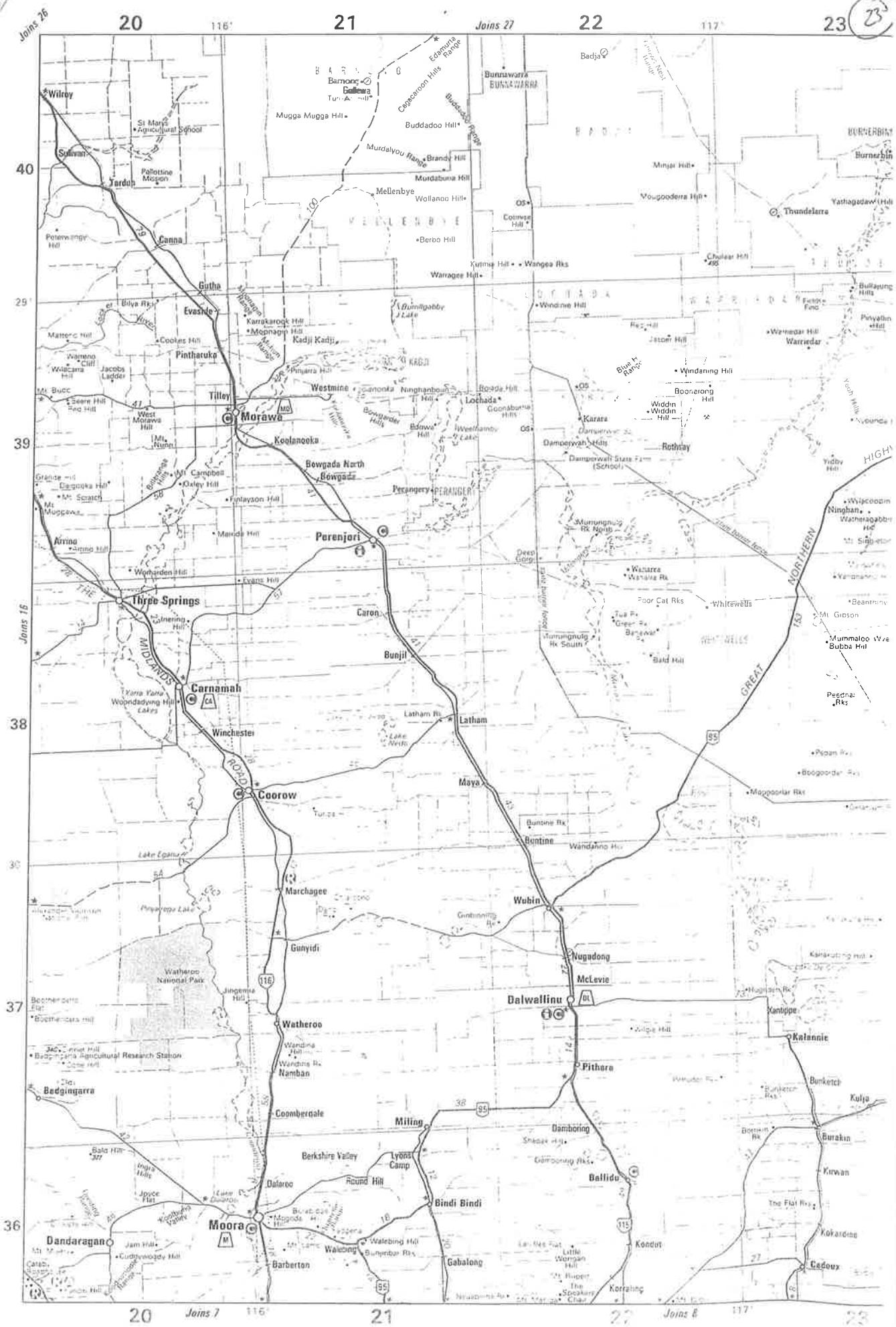
Scale 1:1 000 000

### Kilometres

—50 50

One centimetre to ten kilometre





**Collection of undated pages of notes (ACI's handwriting) referring to many wetland locations, people (including Mark True) and their contact details. Clearly this was in preparation for a trip around SW WA to search for leg-flagged Banded Stilt. Note reference to 'canoe shop \$35, spirit 4m ... [indecipherable] and 'arrange car for 9<sup>th</sup> to 20<sup>th</sup>'. This info can be used to link these pages to the corresponding survey(s) of ACI. See Memo (06/09/1996) from ACI to JL.**

095 417133

(38)

wongan hills BASIL WOOD  
PBT  
096 342015

(060) 582340.

Alan

National Park.

Scott Godley (CALM - Moora)  
called. Thur 13<sup>th</sup>

098 279278  
098 279230

Take to the west

-Achiam

part

Culham Inlet "now .."

3 383060 Lake King  
group north

Zitzgerald River national Park

Lindsay Brown 098 371022

beaufort inlet

wellstead estuary ✓

Zitzgerald and dempster inlets

gordon inlet ✓

Allan Martin

B KWORNICUP

098 511427

ABDN  
willy  
Peter  
laurie  
collins

## wongan hills

Wilson Inlet or william Bay National Park.

Sterling Range National Park mark 098 279278  
098 299230ABONY OFFICE KWORNICUP LAKE  
wildlife office Sorby Inlet  
Peter 098 417133 Oyster Harbour  
lawrie

collins

camping along coast

Culham Inlet mark true 098 383060 lake King  
group north

Balgadool River national Park

Lindsay Brown 098 371022

Beaufort inlet

Wellstead estuary ✓

Balgadool and Dempster inlets

Gordon inlet ✓

Allanay Martin

B KWORNICUP

098 511427

Norogon  
white water lake,  
near and yengemming lakes areas

Dawson Lakes Bush wood 096 342015

late chittering

Merridin 090 412488 ~~Attawang~~ Daniel Hunter  
late brown \*late campion

? Wongan Hills area shire 096 711327  
late brown, Malgownburing late.  
cow calling lakes  
late Hinds

Moora Scott 096 511424  
~~young young lakes~~

Meridian lake万圣节  
renaming?

Basil Wood Darwin lake  
Walgamoring

Moon lake Hinds

Phil Sutton wagg wagg  
Yagoo.

cone shop \$35  
spirit 4m over the

## 1156 FLAG SIGHTING

Lake Louise survey to be included

Albany Wildlife Officer  
 Wilson Inlet  
 Kwinana lake?  
 Balingup Stirling NP ranger

Hopetoun Cullinan Inlet NP ranger FIRNP  
 Tredicuttup lakes  
 Stokes Inlet Dale Shuster

Espresso Dale Grie  
 Pink Warden Mullet Re  
 Bonne Haberge

? Lake King

Narragen white lake (SE)  
 little white lake (NW)  
 Lake morn

Katanning Dumbleyung  
 Loomilleup  
 Lake Grass  
 Chinchup

## DEPARTMENT OF CONSERVATION AND LAND MANAGEMENT

34

Form CLM 80A

To: .....

From: .....

19.....

Your Ref:  
Our Ref:  
Enquiries:  
Phone:

Subject: .....

access to Yarra Yarra.

Fitzgerald Culham inlet shore  
depth roostingRing south west Pangro about Best  
Kuornicup bush GP.

Ring districts Margin Moora

Ring Basil Wood.

orange car for 9<sup>th</sup> to 20<sup>th</sup>Ring Andrew sorting tray  
vialssee grant re. veg. survey San  
pay least worseHuman resources. Training and development  
Budget  
to groups?  
clients?  
access.St John Ranger Baling lakes  
Chris Wilson Order

**Fax (03/09/1996) from JL to ACl and GBP requesting ACl to '... prepare a plan and detailed costing for a survey of most-favoured Banded Stilt habitats from Geraldton to Esperance to be conducted by the latter half of December this year'. This would be ACl's 2<sup>ND</sup> extensive ground search. 'The objective will be to locate leg-flagged Stilts, record numbers, plumage stages etc. as per the survey you conducted in June this year'. JL requests final draft.**

DEPARTMENT OF CONSERVATION AND LAND MANAGEMENT  
BUSSELTON DISTRICT  
FAX NO: (097) 521 432

Copy each page.

**FAXED**

29(b)

TO: Alan Clarke & Grant Pearson URGENT: YES / NO

AT: ..... LREC

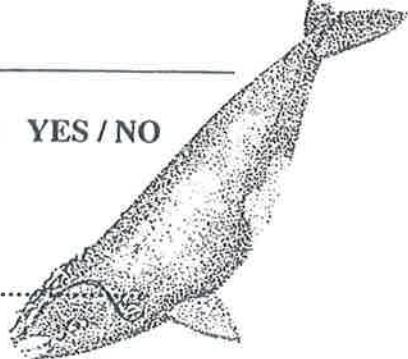
..... Fax No. ....

FROM: ..... JIM LANE

DATE: ..... 3/9/96

Your Ref: .....

Local Ref: .....



No. of pages inc. this page: 2

Please call us on (097) 521 677 if this message was incomplete or illegible

*JL*  
Jim Lane  
3 September 1996.

Copy: Grant Pearson.

28  
29 (a)

TO: **ALAN CLARKE**

**SUBJECT: DECEMBER 1996 SEARCH FOR LEG-FLAGGED BANDED STILT.**

Following on from our discussion with Neil Burrows, Keith Morris and Ian Abbot yesterday, would you please prepare a plan and detailed costing for a survey of most-favoured Banded Stilt habitats from Geraldton to Esperance to be conducted by you in the latter half of December this year.

The objective will be to locate leg-flagged Stilts, record numbers, plumage stages etc., as per the survey you conducted in June this year.

As before, you should discuss with Grant and bounce a draft off him first, then fax final draft to me to consider. Also give Mike Bamford a ring and let him know we propose a December survey. He may have some useful thoughts/information or new contacts. In the meantime, I will give some thought to north-western sites.

When we have settled on a plan I will endeavour to obtain funding.

Please have final draft to me within 2 weeks.



Jim Lane  
3 September 1996.

Copy: Grant Pearson.

**'Observation' on p.3 of WA Bird Notes, No.79, Sept 1996, of 3000  
Banded Stilt seen at Lake Gore on 12/06/1996 by Alan Clarke.**

on 26/2/96 (uncommon at this time of year) and 8 over six hours on 1/4/96, Point Dalling, Dunsborough (Busselton) - RP \* 350+ in one hour, Hopetoun Pier (Ravensthorpe) - RP

**Black Bittern** - 1, 11/4/96, Warren River in Warren National Park (Manjimup) - CB, AH (description supplied; essentially, it was a very dark-coloured bittern with a prominent yellow streak down each side of the neck; the neck and breast were white-streaked; wings back and belly were a uniform dark brown, almost black; size similar to nearby Nankeen Night Herons, alarm call a short grunting noise) (this species is now extremely rare in the south-west)

**Glossy Ibis** - 2, 1/4/96, Big Carine Swamp (Stirling) - CNe \* 13, 6/6/96, Maurice Hamer Park, Herdsman Lake (Stirling) - CB

**Royal Spoonbill** - 1, 8/6/96, near Serpentine River estuary (Murray) - MS \* 1, 14/6/96, Creery wetlands (Murray) - MS

**Banded Stilt** - 3000, 12/6/96, Lake Gore (Esperance) -

AC

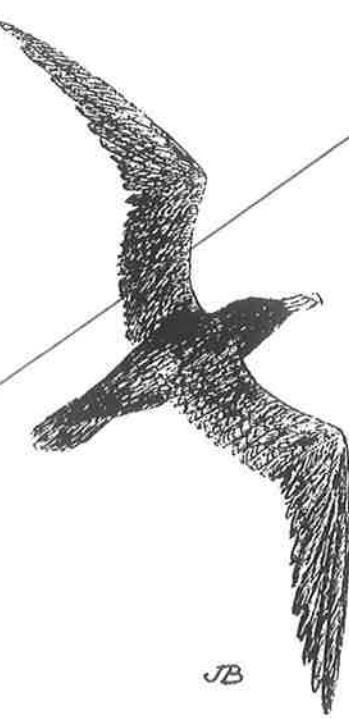
**Hooded Plover** - 9, 17/4/96, Wellstead Estuary, Bremer Bay (Jerramungup) - RP

**Great Skua** - up to 10, 30/6-13/7/96, North Mole (Fremantle) - JD

**Pomarine Jaeger** - single birds on 21/2/96, 26/2/96, 19/3/96 and 27/3/96, Point Dalling, Dunsborough (Busselton) - RP

**Arctic Jaeger** - 3, 27/3/96, Point Dalling, Dunsborough (Busselton) - RP \* 15 juvenile/immatures, including 5 dark phase, 22/6/96, North Mole (Fremantle) - JD

**Pacific Gull** - 1 immature, 16/7 and 31/7/96, North Mole (Fremantle) - JD (rarely recorded on this part of the coast)

A detailed line drawing of a Southern Giant Petrel in flight, showing its long wings and dark plumage. The drawing is signed 'JB' at the bottom.

Southern Giant Petrel  
Drawn: Judy Blyth

**Fork-tailed Swift** - 30+, 10/4/96, Frenchman Bay (Albany) - CD, LD

**White-breasted Robin** - 1, 7/5/96, Helena River below CSIRO labs, present one day only (Mundaring) - MBR

**White-winged Triller** - breeding, summer of 1993/94 and 1994/95, 20 km S of Margaret River (Augusta-Margaret River) - GM (southern limit on west coast)

**European Goldfinch** - 1, 6/7/96, Lake Coogee (Cockburn) - JC, DC et al. (presumed to be an escapee)

**White-backed Swallow** - 3, 3/6/96, Thomsons Lake (Cockburn) (not often sighted this far south on the Swan Coastal Plain) - MS, GA

**ARID ZONE** (including the Pilbara, Gascoyne, interior and Nullarbor)

**Chestnut Teal** - 1 male with three presumed females, 28/6/96, lake on Great Northern Highway at Wallal Downs (Broome) - CN, WN (rarely recorded this far north)

**Black-breasted Buzzard** - 1, 8/5/96, Nallan Station (Cue) - MC

**Grey Falcon** - 2, 18/5/96, 10 km S of Carranya (Halls Creek) - SN et al. \* 3, 24/5/96, 25 km S of Billiluna (Halls Creek) - SN et al. \* 22/6/96, 28 km S of Breaden Hills (Halls Creek) - SN et al. \* 1, 7/5/96, Jimblebar Cl, 50 km E of Newman (East Pilbara) - GM

**Australian Spotted Crake** - 1, 11/7/96, Dragon Tree Soak (Kiriji Ba Yadula) (Broome) - MBA

**Inland Dotterel** - 1, 3/2/96, 15 km N of Carnarvon (Carnarvon) - KC \* 5, 25/6/96, Lake Tobin (East Pilbara) (this is a very northerly record for this species) - SN et al.

**Major Mitchell's Cockatoo** - 25, Calvert Range (Wiluna) - MC, S8

**Princess Parrot** - 14, 20/5/96, 35 km S of Well 45, plus 5, 22/5/96, 37 km S of Well 45, plus 19, 23/6/96, 36 km S of Well 45, plus 7, 26/6/96, 35-48 km S of Well 45, Canning Stock Route (Halls Creek) - all SN et al. \* 12, ca. 30 km S of Joanna Spring (Bikarung) at 20°05', 124°05' (East Pilbara) - MBA

probable **Night Parrot** - 2, 8/6/96, Canning Stock Route (East Pilbara) - MG

**Pheasant Coucal** - 1, 11/7/96, Dragon Tree Soak (Kiriji Ba Yadula) (Broome) - MBA

**White-winged Fairy-wren** - 1, 3/11/95, apparently black, with several "brown" birds, at Peron HS, Shark Bay (Shark Bay) - SM (note: the bases of the blue feathers are black, so birds can appear black under certain lighting conditions, particularly when moulting)

**Striated Grasswren** - 2, 11/7/96, Onslow road near junction with North West Coastal Highway (Ashburton) - CN, WN

**Chestnut-rumped Thornbill** - 3, 21/5/96, Onegunyah Rockhole (Wiluna) - MC (at or near N limit of distribution)

**Slaty-backed Thornbill** - 2, 21/5/96, Onegunyah Rockhole (Wiluna) - MC

**Banded Whiteface** - 5, 14/5/96, Well 9, Canning Stock Route (Wiluna) - MC \* 7, 23/6/96, Well 42, Canning Stock Route (East Pilbara) - SN et al.

**Brown Honeyeater** - 6+, 19/5/96, Killagurra Gorge, N of Durba Hills (Wiluna) - MC \* 6+, 20/5/96, Durba Hills (Wiluna) - MC

**Clamorous Reed-Warbler** - 1, 11/7/96, Dragon Tree Soak (Kiriji Ba Yadula) (Broome) - MBA

**Golden-headed Cisticola** - 2, 11/7/96, Dragon Tree Soak (Kiriji Ba Yadula) (Broome) - MBA

**Notice on p.26 of WA Bird Notes, No.79, Sept 1996, advising of a proposed excursion to Austin Bay Nature Reserve, Peel Inlet, on 20<sup>th</sup> Oct 1996, to be led by John & Judy Blyth.**

and granite outcrops. The area also offers magnificent views.

Don't forget to bring your lunch and some water.

Leader: Andre Schmitz (Sanctuary Manager)

### **Saturday, October 12 — Sunday, October 13 — Campout at Tutanning Nature Reserve, Pingelly**

Please phone the RAOU office for directions, as you will need a photocopied map/set of instructions sent out to you. Leave your name, telephone number, contact address, and number of people in your party. There will be a limit of 20 participants, as the camping area is small.

Leaders: Bryan Barrett and Leon Silvester

### **Monday 14 October Special Meeting—Joan Watters Community Centre, Wembley, 8:30 pm**

Professor Gordon Maclean, the current editor of *Roberts' Birds of Southern Africa* (the leading textbook of the birds of the subcontinent for over 50 years) and the President of the Southern African Ornithological Society, will speak to us about the endemic birds of South Africa.

### **Monday 14 October to Friday October 18 — Malleefowl field study at Peniup Reserve**

This week long project is a continuation of the excellent work being done by the Ongerup Malleefowl Preservation Society to identify and monitor Malleefowl in large areas of remnant vegetation in their area. The RAOU WA Group has been closely involved in a coordinated national recovery effort for the Malleefowl for some time and has conducted a previous campout to survey part of the Peniup Reserve. If you can help the MPG make this week a success, contact Suzanne Dennings at 098 282 007.

### **Thursday, October 17 — Mid-Week Walk at Wellard Wetlands, Baldivis**

Meet at 8:30 am at the entrance to Wellard Wetlands on the northern side of Zigzag Road, 1 km from St. Alban's Road, Baldivis.

There should be plenty of waterbirds and bushbirds breeding.

Leader: Bryan Barrett.

### **Sunday, October 20 — Full-day Excursion to Austin Bay Nature Reserve, Eastern Peel Inlet**

Meet at 8:30 am at the end of Beacham Road (some older maps show this as Grey's Road). Beacham Road (signposted) is the second turnoff to the right after crossing the Murray River, travelling towards Pinjarra on the main Mandurah—Pinjarra Road. It's 12.7 km from Mandurah via the Perth—Bunbury Road, and 3.1 km east of the Murray River. The distance along Beacham Road (winding, but follow your nose) from the Pinjarra Road to the meeting point is about 7 km. Round trip from Perth is about 200 km.

The area provides a combination of estuarine waters and flats, coastal scrub, woodland, and freshwater wetlands; we should find a good range of birds.

This is Ross River virus country, so bring ample mosquito

repellent and long clothes. Gumboots will probably be needed as well.

Leaders: John and Judy Blyth

### **Saturday, October 26 — Full-day Excursion to Serpentine National Park**

Meet at 8:30 am at the junction of the South Western Highway and Falls Road (the turnoff to Serpentine Falls). A return visit by RAOU members to areas not frequented by the public; our last visit was two years ago. A species list of over 80 birds has been complied. Bring lunch and drinks.

Leader: Peter Anson

### **Sunday 27 October — Bold Park Walks**

The WA Group usually holds an open day at Perry House, and conducts public walks in Bold Park, on this weekend to celebrate National Bird Week. We need helpers, either to show people around and provide cups of tea and coffee at Perry House or to lead or help on bird walks. These days are a significant way that we increase our membership, so please contact Judy Blyth on 381 6293 if you can help.

### **Saturday, Sunday 2 & 3 November — Malleefowl and mounds at Nugadong Reserve, Dalwallinu**

An extension of the work done in August this year will be carried out on the first weekend of November. About 30 mounds, including 13 active ones, were counted on the two-day trip in August! This is an attractive area of bushland which promises some interesting bird species, including Malleefowl of course. You will need a compass (or be with friend who carries one) and a whistle.

Farm accommodation is available about half an hour's drive from the reserve.

Contact Rod Smith (397 5319 or 293 2777) if you wish to come.

### **Sunday, November 3 — Half-day Excursion to Bickley Brook Reservoir**

Meet at 8:30 am at the car park just below the Bickley Brook Reservoir wall. Travelling from Perth on the Tonkin Highway, turn left into Gosnells Road East (Reservoir is signposted), then left into Reservoir Road and right into Maddington/Hardinge Road to the car park.

We have a good chance of seeing Emu-wrens, plus all our favourites!

Leader: Bill McRoberts

### **Sunday, November 10 — Full-day Excursion — Peel Inlet Boat Trip**

Early booking is required, so phone the RAOU office and leave your name, phone number, and number of people who will be attending. Cost and meeting directions will be given to you.

We should see breeding waterbirds around the inlet.

Tea, coffee, and cool drinks are available on board at cost. Barbecue facilities are also available, so bring a BBQ pack or a packed lunch.

Leader: Clive Napier

**Undated (but must be post 25/06/1996) handwritten report by ACl  
headed 'Banded Stilt Survey of SW June 1996' in which ACl  
reports observations made by him during ground survey for leg-  
flagged Banded Stilt from Mon 10/06/1996 to Tues 25/06/1996.  
Many Banded Stilt were encountered, but none were seen to have  
leg-flags (or leg-bands). Many notes made about BaSt plumages  
observed. This report is from ACl's 1<sup>ST</sup> extensive ground search of  
SW WA for leg-flagged Banded Stilt, in June 1996.**

To: .....

From: .....

19.....

Your Ref:

Our Ref:

Enquiries:

Phone:

Subject:.....

*Banded Stilt Survey of SW SWNS 1996*

*By Alan Clark*

*Mon 10/6*

*Travel to Esperance via Lake Brown.*

*Stayed at CALM's Red Hole unit.*

*Tue 11/6*

*Surveyed Pink lake, 11 BOSST all were feeding in deep water on west side of lake, 2 had 0% BP, 2 had 25% BP and 7 had 75% BP.*

*Lake Warden no BOSST*

*6 red capped albatross, 13 hooded plover.*

*Station lake, 7 BOSST no flags, all BP to 100% minus tail feathers.*

*Muller lake no BOSST*

*Wester lake no BOSST*

*Windalup lakes no BOSST*

*Red lake Gore 3000 banded stilt 3000 avocet  
hooded plover 348 tail shielded shielded <sup>dark</sup> ~~dark~~  
BWS gulls no flags good conditions for  
observing took 1st onto lake was able to  
quench them up to 100%. lake depth 50m clear  
water 10% macrophytes*

To: .....

From: .....

19.....

Your Ref:

Our Ref:

Enquiries:

Phone:

Subject:.....

ovinators looking to lake ballard

3b majority of birds were feeding in deep water spread across the lake. Observed birds gathering on east shore at dusk. Swan Park lake unit exposure

mid 12/6

~~surveilled~~ on lake Gore 500 feet on east shore <sup>I was</sup> able to walk around the back of the lumps and get up <sup>my</sup> scope very close to the birds without disturbance. no flags majority of birds feeding in deep water

for lakes Gidion and Kubinda no birds on lake had a few ducks the other no waterbirds

Stokes Mkt. Ranger informed me the 30 banded birds that had been at the top of the inlet had gone. He also suggested the small lake just down from his residence carried hundreds of birds at times, but there were none at the moment.

pm I went back to lake Gore particularly to spend some time towards dusk looking for flags and bands. The visibility was good I was able to get a good look at the majority of the birds on the lake. 90% of birds had 15 to 100% 13P

To: .....

From: .....

19.

Your Ref:

Our Ref:

### Enquiries:

Phone:

**Subject:**.....

with 10% with none or very little 20% of the birds with 100% BP had white plumes standing off the back of the bird as seen during the breeding event at Lake Bellard. Black birds tended to wave around together in groups of 2 and 3's. They also appeared to be larger, more thick set than the other white.

Camped at Ranger house. Gates Mtn.

Thur 13/6

Surveyed Sorridup Mts, no 13051

Oldfield Cemetery, no Boot

John Shuster, dry

Polling lake (large lake in SW direction).

263 banded stilt 95% had 100% BP & those 10% were displaying white plumes 80%  $\pm$  10% BP, 75% BC

the this looks 5% and 75% BP

there were 60 ~~at~~ silver gulls, <sup>a few</sup> terns, teal, shelduck and 4 BWS. The water was opaque with a 50% covering of macrophyte probably Ruppia spp.

## DEPARTMENT OF CONSERVATION AND LAND MANAGEMENT

(4)

Form CLM 80A

To: .....

From: .....

19

Your Ref:

Our Ref:

Enquiries:

Phone:

Subject: .....

## Ferdiniphy lake (east)

Handed state 30 no flags, about 4 Brn 15  
teal 100, gawurinb 8, Redcups 20, Redbreasted  
shrike 20, water very shallow, good views  
8 feeding state.

## Ferdiniphy lake (west) no water birds, virtually dry.

## Willam Wet

Handed state 1274 no flags, 500 water  
I was only able to get a good view of  
300 state from the shore 3h remaining state was  
in the middle of the inlet in deeper water.  
I was unable to venture further out because of  
the loose deep mud. As I stood stationary  
in the mud I continued to sink.

For the next survey I would suggest continuing  
the land owners to the North east to gain  
access to that shore line to improve viewing.  
Accommodation at Dog Head Hotel in Albany.

To: .....

From: .....

19.....

Your Ref:

Our Ref:

Enquiries:

Phone:

Subject: .....

Friday 14/6

Jawood Oyster Harbour no Bait, the teal  
was high among all suitable habitat.Sorby no Bait, 38 ~~no~~ no suitable habitat  
Wilson Inlet (Eden Rd, Nenamys Inlet)10 Bait no flags, avocet, spoonbill, grebe,  
mud duck, teal, black duck, spoonbill, good  
shallow areas.

Wilson Inlet (Morley Rd) 286 Bait no flags.

Site feeding in small groups pairs and singly.

10 sites were displaying white plumes on their heads.

Sea birds were feeding in pairs or alone. 95% of  
sites had full breeding plumage.The white and other birds were spread along  
the shallow water from Morley Rd to the mouth of  
the Hay River. There were large numbers of  
avocet, spoonbill, teal, sultanas, grebe (Honey)  
avocet and BWS, and moderate numbers of  
red cormorant and shovellers.

Wilson Inlet (mouth)

4 Bait no flags, considerably less birds  
They included small numbers of avocet, avocet, BWS,  
spoonbill, mud duck, spoonbill, spoonbill, Pied Oyster catcher  
WTFH and teal.

To: .....

From: .....

19

Your Ref:

Our Ref:

Enquiries:

Phone:

Subject: .....

Kiowringup lake, dry  
travelled to ~~downing~~  
lone.

Monday 17/6

Swung off Peel Inlet from the Murray River  
along the shore to Robert Bay, no Bait.

There was a large storm approaching with strong  
NW winds and a high tide. As a result there  
were no suitable fishing or roosting areas.

I spoonbill ~~one~~ I observed 1 spoonbill  
fishing in paddocks 300m from the shore.

Leaving Island ~~one~~ also had no Bait.

WED 19/6

Swung Tongering lakes, the sea on Bait  
very few water birds at all. 1 auks and 10  
gulls.

TUE 25/6

Swung lake Chittering no Bait, only recently  
filled to a depth of 30cm.

Gawga lake no Bait, depth 11m water  
color milky & white, large numbers of waterfowl  
including 800 pink eared ducks, 60 teal 121 grebe

DEPARTMENT OF CONSERVATION AND LAND MANAGEMENT

Form CLM 80A

(1)

To: ..... From: .....

19.....

Your Ref:

Our Ref:

Enquiries:

Phone:

Subject: .....

12 darter and small numbers of BWS brown shoveller,  
spoonbill, grey teal and PBD shelduck  
red capped parrot, avocet, red-necked stint  
silver gull and straw ibis.

See sightings to the north and east of  
Perth were reported to me as being dry  
or without BWS by CLM staff and in  
particular Phil Julian and Bush Wood from  
the Darwin area.

**Radio message (12/06/1996) from ACI to JL reporting 'He [ACI] is at Lake Gore with 3000 Banded Stilts'. This is during ACI's survey reported below, i.e. during ACI's 1<sup>ST</sup> extensive ground search**

14

## OFFICE / TELEPHONE MESSAGE

TO: Jim Lane

TIME

9:10

FROM: ALAN CLARKE

Callers telephone Number:-

Telephoned

Will call you back

Returned your call

Please call

Called to see you

Urgent

Message:- RADIC MESSAGE

HE IS AT LAKE GORE WITH  
3000 Barber Shirts

Message received by:-

ND



Date: 12/6/96

For all your supply requirements call

CUSTOMER SERVICES HOTLINE

Telephone: Metro (09) 478 7444 Country 008 199 566

FAX ORDERS : (09) 478 7499

Your Total Satisfaction is our Total Concern

To re-order this item, use M/N 7983

**Fax (05/06/1996) from ACl to JL with a ‘... rough guide to the lakes and estuaries that have water’ with the aim of searching these (during the next couple of weeks) for Banded Stilt. The listed waterbodies extend from Esperance to north of Perth. This would be ACl’s 1<sup>ST</sup> extensive ground search.**

DEPARTMENT OF  
CONSERVATION AND LAND MANAGEMENT  
SCIENCE & INFORMATION DIVISION  
WILDLIFE RESEARCH CENTRE, WOODVALE  
FAX NO (09) 306 1641 TELEPHONE NO (09) 405 5100



Date: 5/6/96

To: TIM LANE

At: BUSSELTON

From: ALAN CLARKE

No of Pages: 2

Message: Tim, After talking with district people I have produced a rough guide to the lakes and estuaries that have water. The number of still sightings will determine the speed through this list.  
Please ring Thursday to discuss.

12.

Monday: Drive to Esperance via Kondinin, Hyden, and Ravensthorpe. If there is no water in lakes along this route I will begin to investigate inlets close to Esperance (eg Stokes) until dark.

TUESDAY: Search lakes surrounding Esperance with Bernie Haderley. Camp west of Esperance?

Wednesday: Search inlets west along coast towards Albany.  
Late (one)?  
Gidley  
Barker, Stokes, Oldfield (Munglinup), Lake Shacter, Tardacathup Lakes, Wilson Inlet, Wellstead Estuary, Beaumont Inlet.

Thursday: Remaining inlets, Oyster Harbour, Wilson inlet, Kervansup and lakes surrounding Wanbook (including Belup).

Friday: Yarrawanna Lakes

The week beginning the 17<sup>th</sup> of June will depend on rainfall. I am looking at visiting the lakes around Dowerin on advise from Phil Butler and late chittering. At this stage most lakes to the North are dry.

E + SE Rel

Northwest

**Undated map of coastal wetlands in Lake Shaster Nature Reserve and immediately west, with the following numbers annotated over the wetlands: '275-350, 4-10, 30-50, 1-4, 1-4, 4-10, 350-500, 1-4, 10-20, 1-4, 1-4, 500+' On the back of this map are annotations '1500, 2000-3000, eastern shore, unicup, Roger Hearn'. Maybe the numbers on the map are areas, i.e. size classes? Maybe the numbers on the back are BaSt numbers? at Lake Unicup? Seen by Roger Hearn of CALM Manjimup?**

50

1500

2000-3000

eastern shore

unicup

Roger Hern

218  
E  
abbi

Ray 3  
E-HIT



# RAVENSTHORPE

51

CG

958

852.1845 ha

CG

960

890.4804 ha

Ray 32

74 m

△

CG

961

860.8903 ha

SPRINGDALE

BARRIO

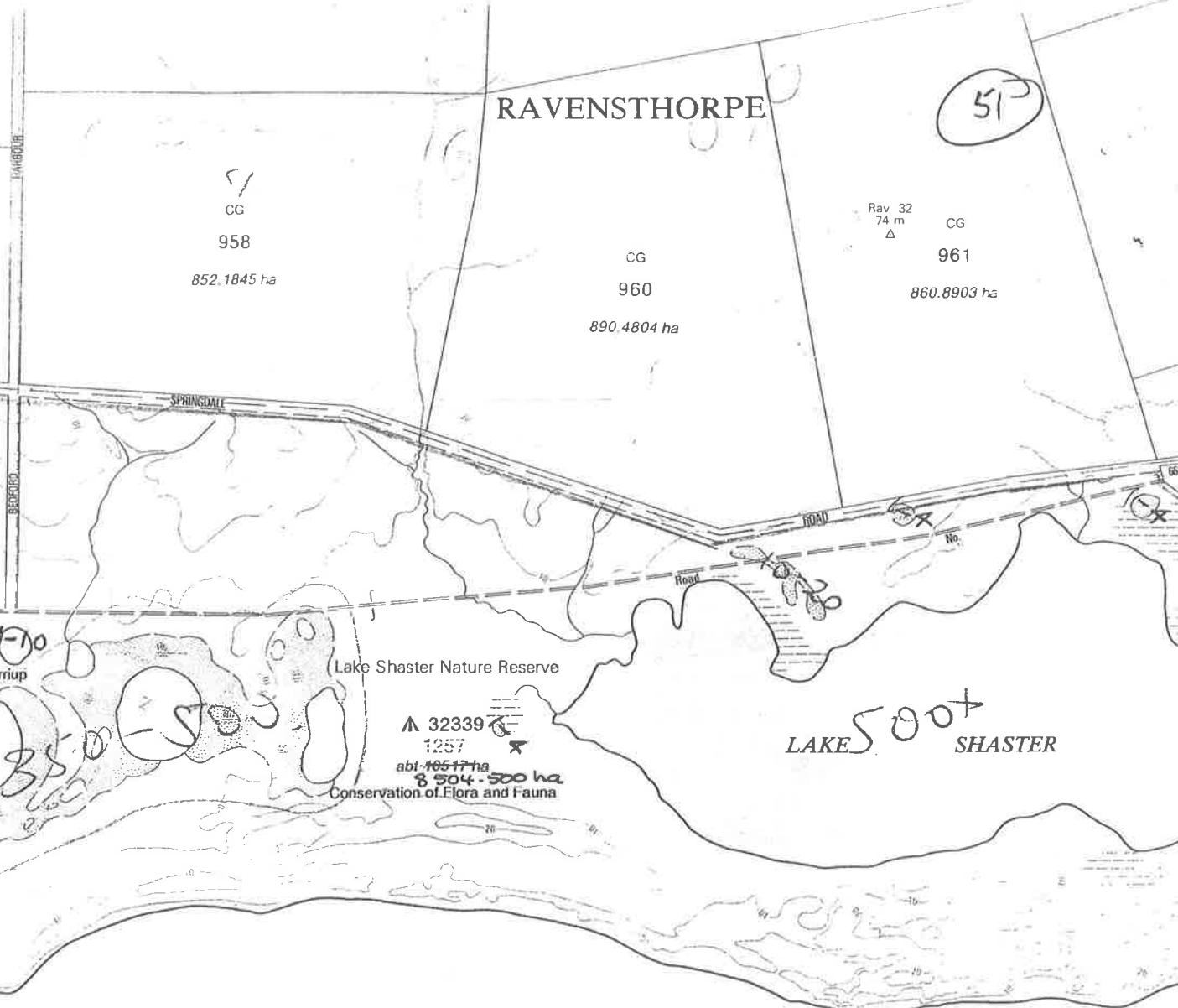
4-10  
Parriup

Lake Shaster Nature Reserve

▲ 32339  
1257  
abt. 10517 ha  
8504 - 500 ha

Conservation of Flora and Fauna

LAKE 500+  
SHASTER



✓  
**Undated message from Mark True (spelling?) to ACl that appears to refer to BaSt numbers? ('Hammersley 200-300') and to rainfalls? ('23mm', '60mm').**

# Message...

For: Alan Clarke. 78  
From: Mark True  
Banded stilt is popin  
0898 383 060

WGST 1902 10mm

Homosley 200-300 23mm

Post-it® Printed Notes

**Undated jotting of contact details of 'Mike & Ann Buckmann'  
(Esperance) and 'Alan Rose. Ranger. Esp. (Cape Arid)'.**

mullet

Mike & Ann Buckmann

69 Pink Lake Rd.

090 713517

Alan Rose Kongos Esp (Calif Acid)

090 7-



**Message (probably 3<sup>rd</sup> April, but of which year?) from [Ranger]  
Steve Dutton of Yalgorup National Park. Annotation refers to  
'Bill Russell' and his contact details.**

Message...

For: Brian Clarke (b)

From: Steve Dutton

From Yalgorup  
National Park  
097-391-067 FAX

Bill Russell

W. Lakeview ST  
11.20 AM. 3/4

098806100 Post-it® Printed Notes

**Undated A3 map with message attached, from Leon Silvester (spelling?) (CALM Wildlife Officer) to ACl, that reads ‘FYI. You should be able to get a good coverage of water using these tracks.**

**Gets a bit wet in winter though!’ map has roads and tracks in Yenyenning (Beverley) Lakes – Channel Lakes area highlighted in yellow and pink.**

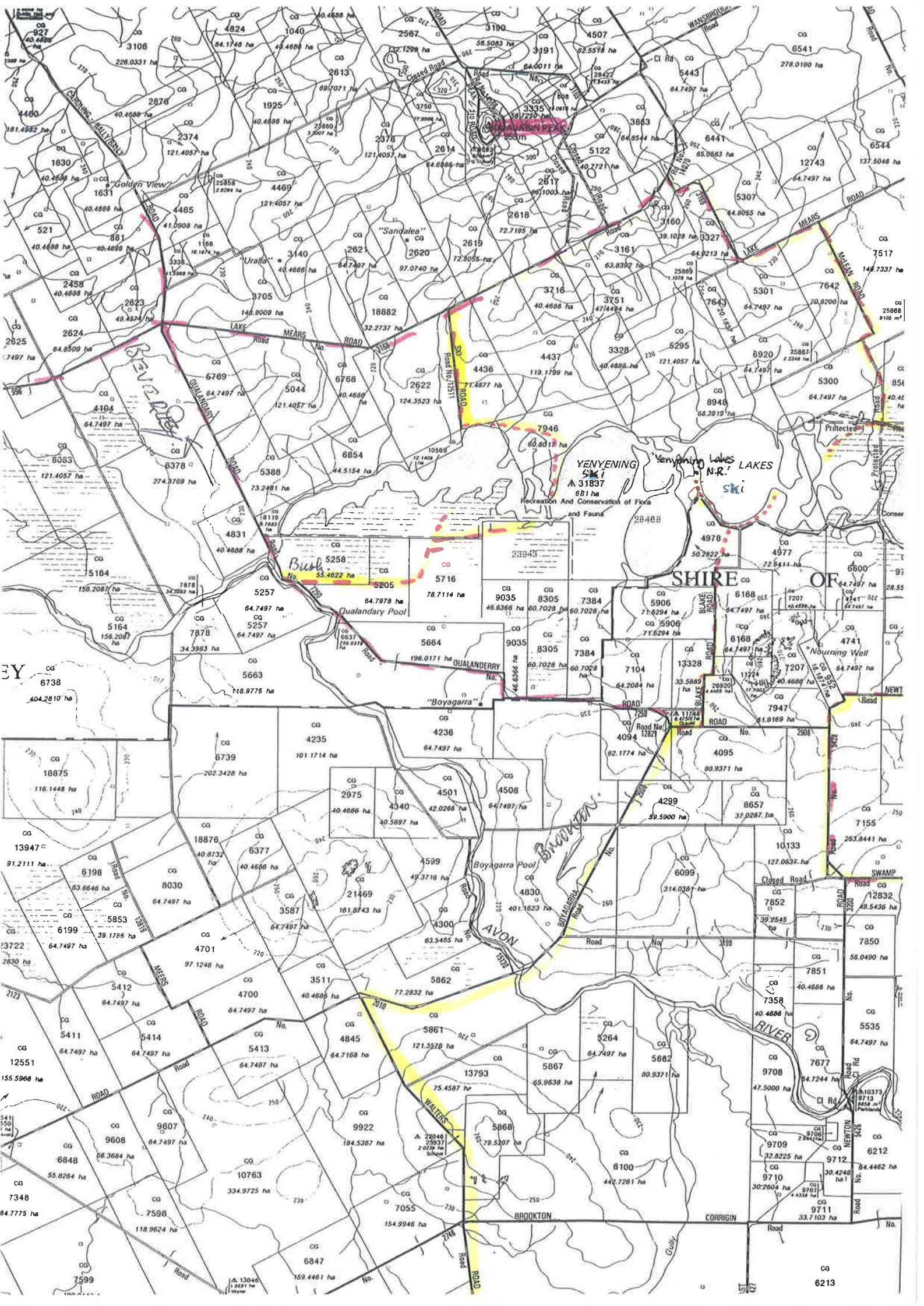
Allen. FYI: you should be able  
& get a good coverage of water  
using these torches.  
lets a bit wet in winter though!

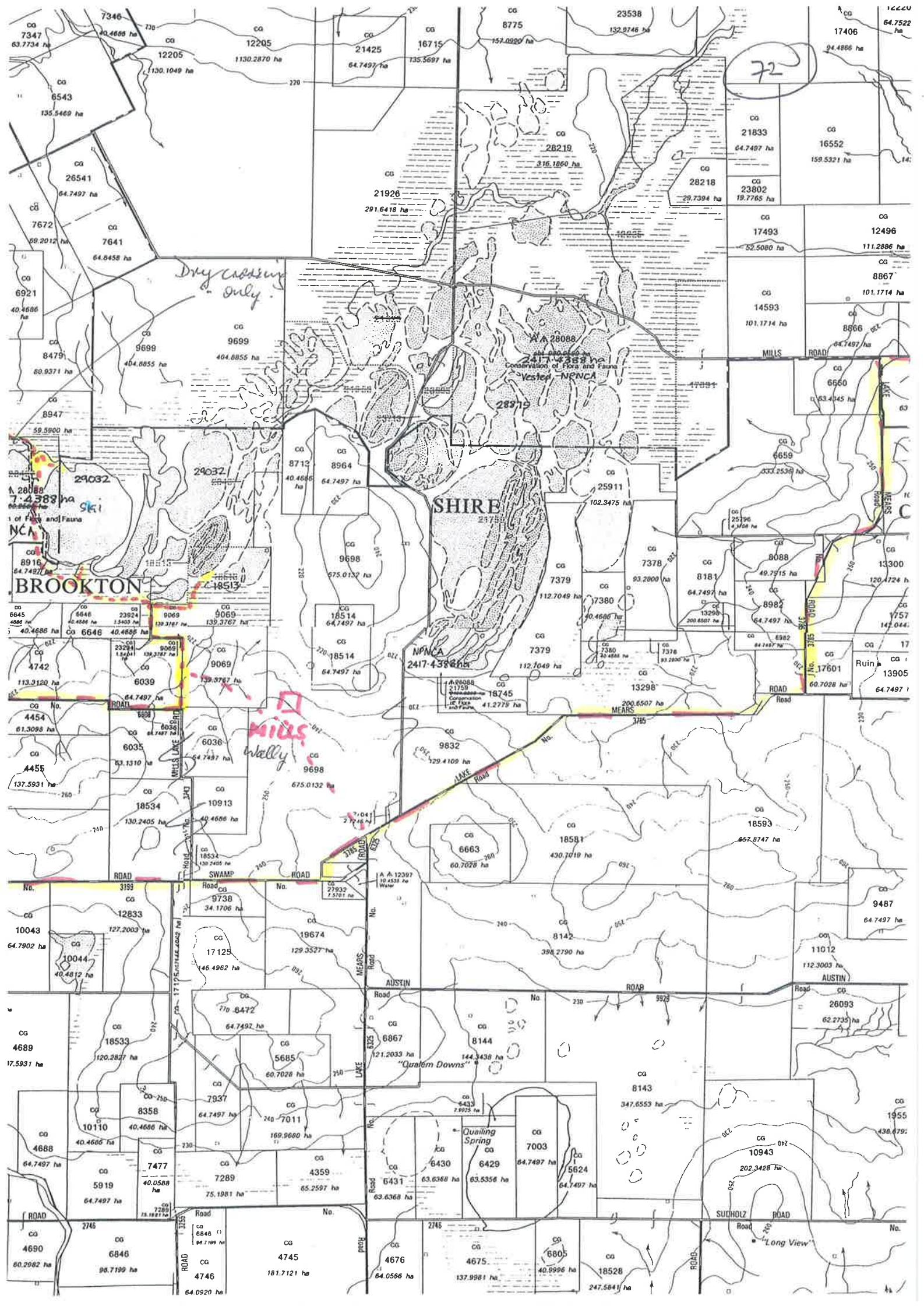
regards  
hans

**DEXON®II**

The Knot Obeys Your Instructions

DAVIS+GECO



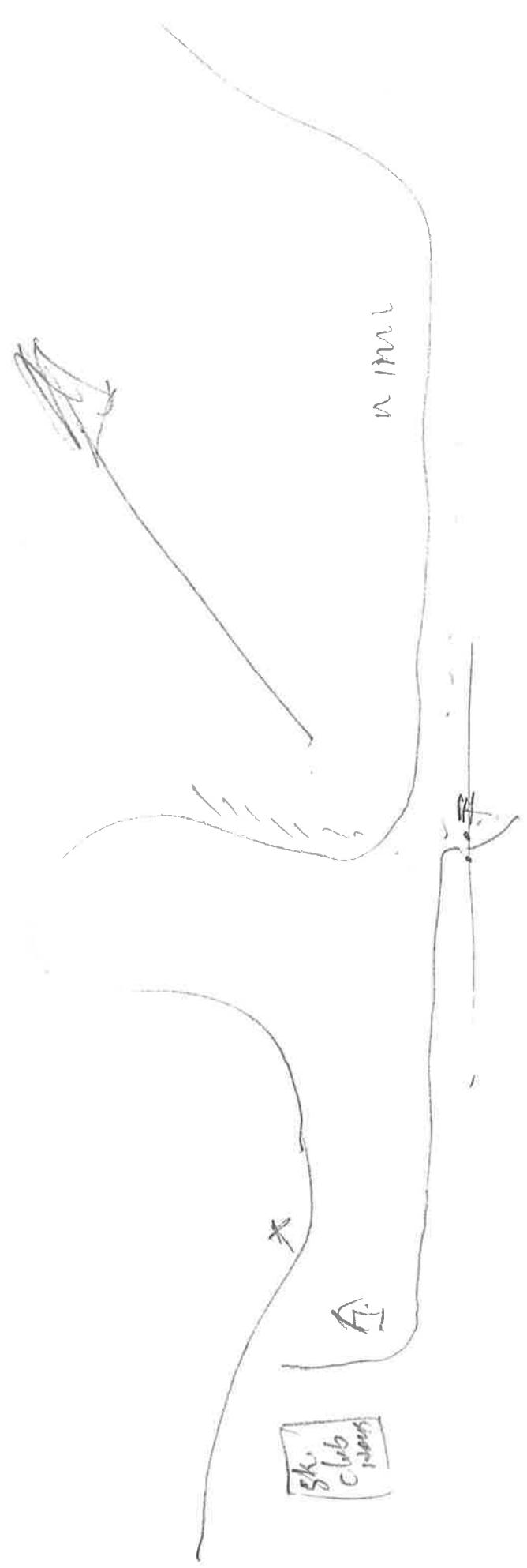


**Undated map of Lake Dumbleyung with annotations including  
‘Terri Lloyd ... [phone / fax number] and ‘Stilts seen here ...  
[indecipherable] 95 [presumably referring to 1995]’. On reverse  
side of this map is a sketch map of access to south side of lake  
Dumbleyung and annotations including ‘Owen Dare [spelling?] is  
the owner of property’. Is this GBP’s advice to ACl post 1995?**



74

Owner Del. is the  
owner of property.



**Undated photocopy of old computer printout of Banded Stilt data from RAOU (Roger Jaensch and volunteers) Survey (DFW / CALM funded and supervised by JL) of Wetland Nature Reserves in SW WA from 1981 to late 1980s). Annotations (mainly by JL?) suggest the data in this printout was used to plan the survey for leg-flagged BaSt of 'undated composite map' described above.**

## 147 BANDED STILT

PAGE 1

WETLAND CODE	WETLAND NAME	NO. OF SURVEYS		HIGHEST NO. REPORTING		NO. OF YEARS IN WHICH FOUND	NO. OF SURVEYS
		YEARS	RECORDED	ANY SURVEY	RECORDED		
2 / 1	JOONDALUP LAKE	1	2	2.1	6	0	0
4 / 1	JANDABUP LAKE	3	7	13.5	150	0	0
7 /	CHATTERING LAKE	1	1	1.6	12	0	0
11 / 1	HALYARD RIVER MOUTH	5	14	31.1	10700	0	0
12 / 1	WANNAMAL LAKE	3	5	8.3	1800	0	0
13 / 1	PEEL INLET EAST (YUND. BIRCH)	5	90	57.7	6394	0	0
13 / 4	ROBERT BAY	1	2	50.0	5000	0	0
13 / 5	MURRAY RIVER MOUTH	1	1	50.0	1	0	0
13 / 6	SERPENTINE RIVER MOUTH	1	1	20.0	1	0	0
13 / 7	COODANUP FORESHORE COODANURIA	1	2	50.0	54	0	0
13 / 8	CREERY MARSHES	5	23	65.7	9000	0	0
13 / 10	STYX MARSHES	1	1	100.0	30	0	0
15 / 1	THOMSONS LAKE	6	27	13.7	360	0	0
17 / 1	FORRESTDALE LAKE	7	36	24.8	885	0	0
27 / 1	GRASMERE (POWELL) LAKE	4	5	9.1	212	0	0
27 / 2	TOOLBIN LAKE	1	1	24.0	3	0	0
36 / 2	BOOKAN LAKE	3	3	13.6	134	0	0
39 / 1	ISIS LAKE	1	2	7.6	1015	0	0
40 / 2	WHITE WATER LAKE	3	4	26.7	2800	0	0
43 / 1	MEARS LAKE	5	10	55.6	5200	0	0
46 / 1	CAMPION HAIN LAKE	1	1	7.7	4	0	0
46 / 2	BROWN LAKE (CAMPION WETLANDS)	1	1	9.1	134	0	0
46 / 3	CAMPION MIDDLE LAKE	1	3	37.5	2500	0	0
50 / 1	BROSEY ROCK 2366 - NATURE RES.	2	1	50.0	2	0	0
58 / 1	BEVERLEY WESTERN LAKE	1	1	4.3	62	0	0
58 / 6	BEVERLEY LAKES AREA 6	3	5	20.0	2500	0	0
58 / 13	CHANNEL LAKE (BEVERLEY)	2	2	25.0	12	0	0
61 / 1	COODMELBERRUP LAKE	1	1	10.7	1000	0	0
62 / 1	DUMBLE YUNG LAKE	5	5	27.8	6000	0	0
63 / 1	FLAGSTAFF LAKE	3	3	10.6	200	0	0
71 / 3	QUARRYING LAKE	2	2	28.6	4500	0	0
72 / 1	GUNBARRYING LAKE	2	2	22.2	25	0	0
79 / 1	COYREND LAKE	2	2	7.7	50	0	0
81 / 3	CHINDUP LAKE	1	1	100.0	2000	0	0
81 / 6	LAKE GRACE NORTH	1	1	100.0	12000	0	0
86 / 1	WHITE LAKE (MARROGINI)	2	3	42.9	1700	0	0
87 / 1	- LITTLE WHITE LAKE	2	2	28.6	125	0	0
91 / 1	CAMEL LAKE	1	2	33.3	190	0	0
92 / 1	BALICUP LAKE	1	1	100.0	2824	0	0
95 / 1	ANDERSON LAKE	1	2	18.2	10	0	0
101 / 1	KWORNICUP LAKE	2	4	23.5	7000	0	0
103 / 1	JEBAKUP SWAN LAKE	1	1	33.3	3000	0	0
103 / 2	JEBAKUP EAST LAKE	1	1	100.0	25	0	0
104 / 1	CHILLINUP WEST LAKE	1	1	25.0	32	0	0
105 / 1	CRANBROOK 25012 LAKE 1	1	1	20.0	39	0	0
117 / 1	PALLARUP LAKE	2	4	20.0	106	0	0
127 / 1	PEMBRANNING LAKE	2	1	14	0	0	0
139 / 1	NINAN LAKE	6	3	3	0	0	0
140 / 1	MBONT MURJALL 26687 LAKE	1	1	100	100	0	0
145 / 1	RAVENSTHORPE 31424 EAST LAKE	1	1	12	0	0	0
153 / 1	CRACKERS SWAMP	1	1	12	0	0	0
153 / 6	NAMING LAKE	1	1	12	0	0	0

## RAOU SURVEY OF WATERBIRDS

CONDENSED REPORT BY SPECIES

20 JUN 99

147 BANDED STILT

PAGE 2

WETLAND CODE	WETLAND NAME	NO. OF SURVEYS	NO. OF SURVEYS IN WHICH	HIGHEST NO.	NO. OF YEARS	NO. OF SURVEYS IN WHICH FOUND	IN WHICH FOUND	NO. OF SURVEYS	NO. OF SURVEYS IN WHICH FOUND	IN WHICH FOUND
RECORDED	REPORTED	RECORDED	REPORTED	RECORDED	REPORTED	RECORDED	REPORTED	RECORDED	REPORTED	RECORDED
1727 1	UNICUP LAKE	2	2	2	7.1	6	0	0	0	0
1767 2	BYENUP LAGOON	1	1	1	4.6	160	0	0	0	0
1837 1	NORTH YARRA YARRA LAKE	2	2	100.0	10	0	0	0	0	0
1837 2	YARRA-YARRA RUBBISH LAKE	1	1	20.0	50	0	0	0	0	0
1837 3	YARRA-YARRA POND	1	1	50.0	1	0	0	0	0	0
1867 1	CAPAHURA LAKE	1	1	28.6	150	0	0	0	0	0
1897 1	SHASTER LAKE	1	1	14.3	100	0	0	0	0	0
1897 3	PARRIUP CENTRAL LAKE	1	1	100.0	1500	0	0	0	0	0
2047 2	WHEATFIELD LAKE	1	1	3.0	19	0	0	0	0	0
2047 3	WOODY LAKE	1	1	3.4	6	0	0	0	0	0
2047 5	WINDABOUT LAKE	3	5	19.2	1000	0	0	0	0	0
2047 9	RACEDHORSE LAKE (THARDEN W/L)	2	2	15.4	1	0	0	0	0	0
204710	VARDEN LAKE	6	15	42.9	10000	0	0	0	0	0
2067 1	STATION LAKE	5	12	27.5	2000	0	0	0	0	0
2067 3	HULLET LAKE	4	7	23.3	2000	0	0	0	0	0
2067 4	EVANS LAKE	2	2	6.9	200	0	0	0	0	0
2067 5	GURE LANE	7	33	68.8	20000	0	0	0	0	0
2087 1	PEARLBEAN LAKE	2	3	11.5	48	0	0	0	0	0
2227 1	VASSE-NONNERUP ESTUARY	6	19	22.1	226	0	0	0	0	0
2307 1	BENGER STAMP	2	4	6.1	76	0	0	0	0	0
2317 1	ALFRED COVE MARSHES (SWAN EST)	5	14	4.8	72	1	1	1	1	1
24487 1	THINDS LAKE	7	20	27.8	8000	0	0	0	0	0
3517 1	BREMBIN TIRE	2	2	2.6	8	0	0	0	0	0
3517 2	NAMBALA LAKE	1	1	2.6	20	0	0	0	0	0
3517 3	HUNGALA LAKE	3	3	6.6	33	0	0	0	0	0
3537 1	PEARLBEAN LAKE	7	4	19.3	250	0	0	0	0	0
3547 1	GIDON LAKE	4	9	47.4	3000	0	0	0	0	0
3547 2	KUBITCH LAKE	2	2	11.6	2500	0	0	0	0	0
3567 1	MUDBARRUP NORTH-WEST SWAMP	1	2	8.3	17	0	0	0	0	0
3987 1	GERAGA LAKE	5	1	34.4	800	0	0	0	0	0
4057 1	BEERMULLAH LAKE	1	1	20.0	38	0	0	0	0	0
4117 1	CARDININDUP LAKE	2	2	22.6	1000	0	0	0	0	0
4137 1	CLAREMONT LAKE	2	2	6.0	20	0	0	0	0	0
4157 1	CLIFTON LAKE	3	5	30.0	70	0	0	0	0	0
4177 1	COOGE LAKE (COOKBURN)	2	5	71.4	325	0	0	0	0	0
4197 1	CULHAM INLET	1	1	50.0	3000	0	0	0	0	0
4207 1	BREW-EARL	1	1	16.7	3	0	0	0	0	0
4227 1	GOEGRUP LAKE	2	3	30.0	514	0	0	0	0	0
4297 1	GORDON INLET	1	1	33.3	7	0	0	0	0	0
4337 1	HANNING LAKE	1	1	6.7	3	0	0	0	0	0
4417 1	BIG BUDDIE LAKE	1	1	14.3	1	0	0	0	0	0
4467 1	MURRAY'S SHAMP (BEVERLEY)	1	1	25.0	3	0	0	0	0	0
4557 1	SALDE LAKE	1	1	8.3	180	0	0	0	0	0
4567 1	AMARILLOO POOLS	2	1	66.7	221	0	0	0	0	0
4577 1	INDOON LAKE	1	1	25.0	300	0	0	0	0	0
4627 1	WILSON INLET	2	2	25.0	532	0	0	0	0	0
4657 1	VANGEUP LAKE	1	1	6.1	48	0	0	0	0	0
4667 1	FEALERING LAKE	2	2	50.0	68	0	0	0	0	0
4677 1	YELLILUP LAKE	1	1	16.7	1	0	0	0	0	0
4847 1	MARIGINTUP LAKE (THANNEROOD)	1	1	50.0	15	0	0	0	0	0
4907 1	HERDSMAN LAKE	1	1	4.3	5	0	0	0	0	0
4937 1	BIBRA LAKE	1	1	6.7	1	0	0	0	0	0

## 147 BANDED STILT

WETLAND CODE	WETLAND NAME	NO. OF YEARS RECORDED	NO. OF SURVEYS IN WHICH REPORTING RECORDED	HIGHEST COUNTED IN ANY SURVEY	NO. OF YEARS IN WHICH FOUND BREEDING	NO. OF SURVEYS IN WHICH FOUND BREEDING
501/ 1	KING RIVER MOUTH (SHELL BAY)	1	1	100.0	141	0
526/ 1	PRESTON LAKE	1	1	100.0	160	0
527/ 1	MORTIJINUP LAKES	1	1	16.7	20	0
532/ 1	GREENOUGH ESTUARY	1	1	50.0	22	0
545/ 1	CLARKES LAKES A + B	1	1	50.0	10	0
557/ 1	BULLINGARRA LAKE (WANNAMAL)	1	1	50.0	61	0
558/ 1	HURSTVIEW LAKE (GURAGA E)	1	1	16.7	15	0
567/ 1	FOOTBALL LAKE (WANNAMAL)	1	1	50.0	7	0
568/ 1	KAMARAH SWAMP (WANNAMAL)	1	1	100.0	286	0
584/ 1	BOOMBERDALE WEST LAKES	1	1	50.0	82	0
601/ 1	OLDFIELD ESTUARY	1	1	100.0	3000	0
606/ 1	TOOCOONGUP LAKE	1	2	66.7	120	0
607/ 1	GWELET LAKE	1	1	100.0	1	0
609/ 1	GLEN AVON DAM	1	1	120.0	1	0
610/ 1	WADDAWA LAKES	1	1	100.0	1	0
611/ 1	WADDAWA LAKES	1	1	100.0	1	0
612/ 1	WADDAWA LAKES	1	1	100.0	1	0
613/ 1	WADDAWA LAKES	1	1	100.0	1	0
614/ 1	WADDAWA LAKES	1	1	100.0	1	0
615/ 1	WADDAWA LAKES	1	1	100.0	1	0
616/ 1	WADDAWA LAKES	1	1	100.0	1	0
617/ 1	WADDAWA LAKES	1	1	100.0	1	0
618/ 1	WADDAWA LAKES	1	1	100.0	1	0
619/ 1	WADDAWA LAKES	1	1	100.0	1	0
620/ 1	WADDAWA LAKES	1	1	100.0	1	0
621/ 1	WADDAWA LAKES	1	1	100.0	1	0
622/ 1	WADDAWA LAKES	1	1	100.0	1	0
623/ 1	WADDAWA LAKES	1	1	100.0	1	0
624/ 1	WADDAWA LAKES	1	1	100.0	1	0
625/ 1	WADDAWA LAKES	1	1	100.0	1	0
626/ 1	WADDAWA LAKES	1	1	100.0	1	0
627/ 1	WADDAWA LAKES	1	1	100.0	1	0
628/ 1	WADDAWA LAKES	1	1	100.0	1	0
629/ 1	WADDAWA LAKES	1	1	100.0	1	0
630/ 1	WADDAWA LAKES	1	1	100.0	1	0
631/ 1	WADDAWA LAKES	1	1	100.0	1	0
632/ 1	WADDAWA LAKES	1	1	100.0	1	0
633/ 1	WADDAWA LAKES	1	1	100.0	1	0
634/ 1	WADDAWA LAKES	1	1	100.0	1	0
635/ 1	WADDAWA LAKES	1	1	100.0	1	0
636/ 1	WADDAWA LAKES	1	1	100.0	1	0
637/ 1	WADDAWA LAKES	1	1	100.0	1	0
638/ 1	WADDAWA LAKES	1	1	100.0	1	0
639/ 1	WADDAWA LAKES	1	1	100.0	1	0
640/ 1	WADDAWA LAKES	1	1	100.0	1	0
641/ 1	WADDAWA LAKES	1	1	100.0	1	0
642/ 1	WADDAWA LAKES	1	1	100.0	1	0
643/ 1	WADDAWA LAKES	1	1	100.0	1	0
644/ 1	WADDAWA LAKES	1	1	100.0	1	0
645/ 1	WADDAWA LAKES	1	1	100.0	1	0
646/ 1	WADDAWA LAKES	1	1	100.0	1	0
647/ 1	WADDAWA LAKES	1	1	100.0	1	0
648/ 1	WADDAWA LAKES	1	1	100.0	1	0
649/ 1	WADDAWA LAKES	1	1	100.0	1	0
650/ 1	WADDAWA LAKES	1	1	100.0	1	0
651/ 1	WADDAWA LAKES	1	1	100.0	1	0
652/ 1	WADDAWA LAKES	1	1	100.0	1	0
653/ 1	WADDAWA LAKES	1	1	100.0	1	0
654/ 1	WADDAWA LAKES	1	1	100.0	1	0
655/ 1	WADDAWA LAKES	1	1	100.0	1	0
656/ 1	WADDAWA LAKES	1	1	100.0	1	0
657/ 1	WADDAWA LAKES	1	1	100.0	1	0
658/ 1	WADDAWA LAKES	1	1	100.0	1	0
659/ 1	WADDAWA LAKES	1	1	100.0	1	0
660/ 1	WADDAWA LAKES	1	1	100.0	1	0
661/ 1	WADDAWA LAKES	1	1	100.0	1	0
662/ 1	WADDAWA LAKES	1	1	100.0	1	0
663/ 1	WADDAWA LAKES	1	1	100.0	1	0
664/ 1	WADDAWA LAKES	1	1	100.0	1	0
665/ 1	WADDAWA LAKES	1	1	100.0	1	0
666/ 1	WADDAWA LAKES	1	1	100.0	1	0
667/ 1	WADDAWA LAKES	1	1	100.0	1	0
668/ 1	WADDAWA LAKES	1	1	100.0	1	0
669/ 1	WADDAWA LAKES	1	1	100.0	1	0
670/ 1	WADDAWA LAKES	1	1	100.0	1	0
671/ 1	WADDAWA LAKES	1	1	100.0	1	0
672/ 1	WADDAWA LAKES	1	1	100.0	1	0
673/ 1	WADDAWA LAKES	1	1	100.0	1	0
674/ 1	WADDAWA LAKES	1	1	100.0	1	0
675/ 1	WADDAWA LAKES	1	1	100.0	1	0
676/ 1	WADDAWA LAKES	1	1	100.0	1	0
677/ 1	WADDAWA LAKES	1	1	100.0	1	0
678/ 1	WADDAWA LAKES	1	1	100.0	1	0
679/ 1	WADDAWA LAKES	1	1	100.0	1	0
680/ 1	WADDAWA LAKES	1	1	100.0	1	0
681/ 1	WADDAWA LAKES	1	1	100.0	1	0
682/ 1	WADDAWA LAKES	1	1	100.0	1	0
683/ 1	WADDAWA LAKES	1	1	100.0	1	0
684/ 1	WADDAWA LAKES	1	1	100.0	1	0
685/ 1	WADDAWA LAKES	1	1	100.0	1	0
686/ 1	WADDAWA LAKES	1	1	100.0	1	0
687/ 1	WADDAWA LAKES	1	1	100.0	1	0
688/ 1	WADDAWA LAKES	1	1	100.0	1	0
689/ 1	WADDAWA LAKES	1	1	100.0	1	0
690/ 1	WADDAWA LAKES	1	1	100.0	1	0
691/ 1	WADDAWA LAKES	1	1	100.0	1	0
692/ 1	WADDAWA LAKES	1	1	100.0	1	0
693/ 1	WADDAWA LAKES	1	1	100.0	1	0
694/ 1	WADDAWA LAKES	1	1	100.0	1	0
695/ 1	WADDAWA LAKES	1	1	100.0	1	0
696/ 1	WADDAWA LAKES	1	1	100.0	1	0
697/ 1	WADDAWA LAKES	1	1	100.0	1	0
698/ 1	WADDAWA LAKES	1	1	100.0	1	0
699/ 1	WADDAWA LAKES	1	1	100.0	1	0
700/ 1	WADDAWA LAKES	1	1	100.0	1	0
701/ 1	WADDAWA LAKES	1	1	100.0	1	0
702/ 1	WADDAWA LAKES	1	1	100.0	1	0
703/ 1	WADDAWA LAKES	1	1	100.0	1	0
704/ 1	WADDAWA LAKES	1	1	100.0	1	0
705/ 1	WADDAWA LAKES	1	1	100.0	1	0
706/ 1	WADDAWA LAKES	1	1	100.0	1	0
707/ 1	WADDAWA LAKES	1	1	100.0	1	0
708/ 1	WADDAWA LAKES	1	1	100.0	1	0
709/ 1	WADDAWA LAKES	1	1	100.0	1	0
710/ 1	WADDAWA LAKES	1	1	100.0	1	0
711/ 1	WADDAWA LAKES	1	1	100.0	1	0
712/ 1	WADDAWA LAKES	1	1	100.0	1	0
713/ 1	WADDAWA LAKES	1	1	100.0	1	0
714/ 1	WADDAWA LAKES	1	1	100.0	1	0
715/ 1	WADDAWA LAKES	1	1	100.0	1	0
716/ 1	WADDAWA LAKES	1	1	100.0	1	0
717/ 1	WADDAWA LAKES	1	1	100.0	1	0
718/ 1	WADDAWA LAKES	1	1	100.0	1	0
719/ 1	WADDAWA LAKES	1	1	100.0	1	0
720/ 1	WADDAWA LAKES	1	1	100.0	1	0
721/ 1	WADDAWA LAKES	1	1	100.0	1	0
722/ 1	WADDAWA LAKES	1	1	100.0	1	0
723/ 1	WADDAWA LAKES	1	1	100.0	1	0
724/ 1	WADDAWA LAKES	1	1	100.0	1	0
725/ 1	WADDAWA LAKES	1	1	100.0	1	0
726/ 1	WADDAWA LAKES	1	1	100.0	1	0
727/ 1	WADDAWA LAKES	1	1	100.0	1	0
728/ 1	WADDAWA LAKES	1	1	100.0	1	0
729/ 1	WADDAWA LAKES	1	1	100.0	1	0
730/ 1	WADDAWA LAKES	1	1	100.0	1	0
731/ 1	WADDAWA LAKES	1	1	100.0	1	0
732/ 1	WADDAWA LAKES	1	1	100.0	1	0
733/ 1	WADDAWA LAKES	1	1	100.0	1	0
734/ 1	WADDAWA LAKES	1	1	100.0	1	0
735/ 1	WADDAWA LAKES	1	1	100.0	1	0
736/ 1	WADDAWA LAKES	1	1	100.0	1	0
737/ 1	WADDAWA LAKES	1	1	100.0	1	0
738/ 1	WADDAWA LAKES	1	1	100.0	1	0
739/ 1	WADDAWA LAKES	1	1	100.0	1	0
740/ 1	WADDAWA LAKES	1	1	100.0	1	0
741/ 1	WADDAWA LAKES	1	1	100.0	1	0
742/ 1	WADDAWA LAKES	1	1	100.0	1	0
743/ 1	WADDAWA LAKES	1	1	100.0	1	0
744/ 1	WADDAWA LAKES	1	1	100.0	1	0
745/ 1	WADDAWA LAKES	1	1	100.0	1	0
746/ 1	WADDAWA LAKES	1	1	100.0	1	0
747/ 1	WADDAWA LAKES	1	1	100.0	1	0
748/ 1	WADDAWA LAKES	1	1	100.0	1	0
749/ 1	WADDAWA LAKES	1	1	100.0	1	0
750/ 1	WADDAWA LAKES	1	1	100.0	1	0
751/ 1	WADDAWA LAKES	1	1	100.0	1	0
752/ 1	WADDAWA LAKES	1	1	100.0	1	0
753/ 1	WADDAWA LAKES	1	1	100.0	1	0
754/ 1	WADDAWA LAKES	1	1	100.0	1	0
755/ 1	WADDAWA LAKES	1	1	100.0	1	0
756/ 1	WADDAWA LAKES	1	1	100.0	1	0
757/ 1	WADDAWA LAKES	1	1	100.0	1	0
758/ 1	WADDAWA LAKES	1	1	100.0	1	0
759/ 1	WADDAWA LAKES	1	1	100.0	1	0
760/ 1	WADDAWA LAKES	1	1	100.0	1	0
761/ 1	WADDAWA LAKES	1	1	100.0	1	0
762/ 1	WADDAWA LAKES	1	1	100.0	1	0
763/ 1	WADDAWA LAKES	1	1	100.0	1	0
764/ 1	WADDAWA LAKES	1	1	100.0	1	0
765/ 1	WADDAWA LAKES	1	1	100.0	1	0
766/ 1	WADDAWA LAKES	1	1	100.0	1	0
767/ 1	WADDAWA LAKES	1	1	100.0	1	0
768/ 1	WADDAWA LAKES	1	1	100.0	1	0</td

**Copy of JL's fax of 27/05/1996 (below) with some annotations by  
ACl.**

Copy

23/8/95

49

TO: GRANT PEARSON

## BANDED STILT MONITORING

Monday's air survey by Andy Chapman showed that Lake Marmion will be dry in a week or so and Ballad in the next month or two. The stilt are therefore starting to move and will very soon be headed for more watered parts near and on the coast.

What we need are a few observers (one each) at a few key localities where Banded Stilt are known to congregate as inland waters dry out, to record the following on a regular basis. Weekly or fortnightly would be great, monthly would also be very worthwhile.

The information required from each visit is: giving the basic

- \* Location
- \* date and time
- \* observer
- \* total number of Banded Stilt
- \* % with chestnut chest band
- \* number with yellow leg flags or metal leg bands or both
- \* whether or not each of the banded/flagged birds has a chest band.

The few localities could be chosen from the following list (from Watkins 1993 *A National Plan for Shorebird Conservation in Australia*). The number in brackets is the highest known count, as given in Watkins 1993. Mike Bamford will be able to give you advice on who might be approached about which sites. I have asterisked the sites I think you are most likely to find people for.

Lake McLeod (53 000)

too remote?

Lake King (30 000)

rarely has water/stilts?

\* Lake Gore (20 000)

ask HooP researcher?

Shark Bay (14 000)

too remote?

Lake Grace North (12 000)

too remote?

Walyormouring lake (10 700)

Esperance resident?  
we are doing (Creery)

\* Lake Warden (10 000)

\* Peel Inlet (9 000)

Lake Hinds (8 000) *dry*

ask Andy Chapman?

Lake Kwornicup (7 000)

Dry Lake Dumbleyung (6 000)

Lake Mears (5 200) *dry*

Culham Inlet (5 000)

Gidon wetlands (Esperance)

Lake Quarbing (Wagin) (4 500)

" Dry Nambling (nearby lake) (3 000)

Lake Ninan (3 000)

Lake Dowerin?

Alan Clarke 23/5/96

48  
WATERFOWL CONSERVATION AND LAND MANAGEMENT

Fax to CALM

Oldfield Estuary (3 000)

White Water L (Yealering) (2 900)

Balicup Lake (2 800) KOTTPNING/ALBERRY

Wilsons Inlet (2 500)

munglinup

ask Denmark resident?

Den Club

27/2/96

Other sites with useful numbers of Banded Stilt but not listed by Watkins are:

- \* P. Hedland or Dampier saltworks ask Mike Bamford which & who might do
- \* Rottnest Island ask Denis Saunders or Perry de Rebeira who might do
- \* Vasse Wonnerup I could take care of

You might find CALM staff, e.g. Malcolm Graham and Leon Silvester in the Wheatbelt region (where there are numerous prospective sites), who could participate or give you names.

It also occurs to me that we can count/check the BaSt at each of the lakes we monitor in Sep and Nov this year.

Would you please set this up as a matter of urgency. The first step should be to contact Mike Bamford for ideas on who might cover which localities and to make sure that as far as possible whatever we set up is not in conflict with the regular wader counts he is setting up. I will let Mike know you will be contacting him and will also send him a copy of this fax for info.

All observations should be sent to you rather than me.

Any queries please ring me.

Jim Lane  
23/8/96

P.S. Please ~~not~~ ring me when  
you have read this.