

Fax (20/12/1996) from JL to ACI with three numbered queries, including 'How did it go? (BaSt s)'. This query refers to ACI's 2ND 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? (Bast s)
- (2) Would you please check the filing cabinet to see if there is a Yellings Lake file. If so, does it contain air photos (by me) labelled 89:18 and 89:19.

No. of pages inc. this page: (1)

If so, is there a date??

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

May 1980

535 DW2J

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

WOODVILLE
FAX OPERATOR

TO: ALAN CLARKE URGENT: YES/NO

AT:

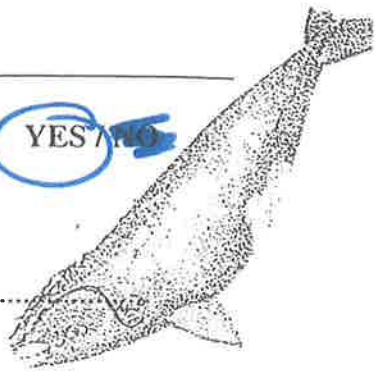
Fax No.

FROM: JIM LANE

DATE: 9/12/96

Your Ref:

Local Ref:



AT:

Please give this message to Alan by radio or telephone and fax to CALM Exmouth 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 ONE)

MESSAGE:

Jim, the following is a marine survey I have prepared for the Banded State flag recovery program. What do you think? Gort has suggested it is a bit full, but I have found from the last survey the group are one fish within a group of fish and are missed out. Towards the end can be picked up on Wednesday and Thursday of the 2nd week.

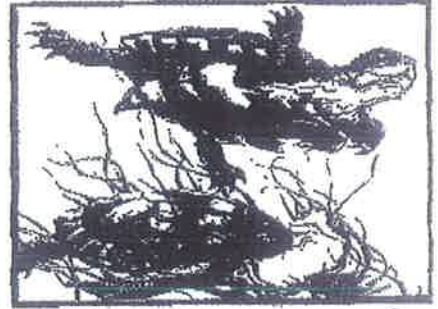
* What about Walgoomaning?

(Handwritten signature/initials)

9/12/96 6.45am.

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

24



Alan
* are you visiting all lakes / estuaries which our printouts show have historically held 1000+ Bats around this time of the year?
* I will finish Park-Honey wetland survey on Sat 14 Dec. Ring me to see if there are any blocks you need to check the following weeks.

DATE:

TO:

FROM:

NO OF PAGES:

(INCLUDING FACE SHEET)

MESSAGE:

JIM LANE

ALAN CLARKE

3

Jim, the following is a basic itinerary I have prepared for the Banded Stilt flag recovery program. What do you think? Grant has suggested it is a bit full, but I have saved from the last survey the group at one lake within a group of lakes and any missed out. Towards the end can be picked up on Wednesday and Thursday of the 2nd week.

* What about Walygornming?

9/12/96 6.45am.

DEPARTMENT OF CONSERVATION AND LAND MANAGEMENT

23.

Form CLM 80A

To: Sim LaneFrom: Alan Clarke5/12/1996

Your Ref:
Our Ref:
Enquiries:
Phone:

Subject: Banded Stilt flag recoveries.Itinerary for the week 9-13/DEC.

9/12 Monday. Depart Demerug visit lake Meers and continue on to Experiences.

10/12 Tuesday. Visit Pink, Warden, Station, Muller and Windabout lakes in the morning to early afternoon. (recent correspondence with locals says the Stilt have left the lakes around Experiences, probably moved to lake Gore.)
pm: visit lake Gore, Kubitch, and Gidong camp at Stokes Inlet.

11/12 WEDNESDAY on road at Stokes Inlet, Oldfield estuary, the Parriup group of lakes
pm. Visit Culham Inlet. Travel to Alluvial or past the way depending on numbers of Stilt at Culham Inlet.

12/12 THURSDAY Visit east end of Wilton Inlet, Koorinup lake, Baticup lake, and Lagreup lake.

DEPARTMENT OF CONSERVATION AND LAND MANAGEMENT

22.

Form CLM 80A

To:

From:

19.

Your Ref:

Our Ref:

Enquiries:

Phone:

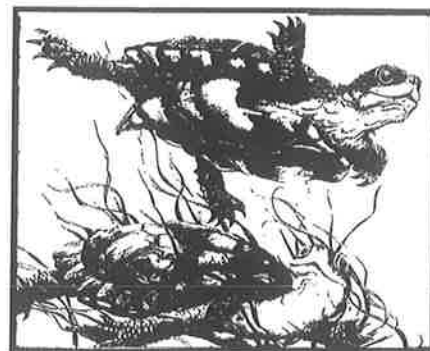
Subject:

*Banded Stilt flag recovery continued**FRIDAY: Visit Quairling, Portueyaring,
13/12 Dumblyung, Cassellarys 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 9-13/12*

Fax (05/12/1996) from ACI to JL detailing his plans for surveying SW wetlands for BaSt numbers and leg-flags during the week 9th – 13th Dec 1996, and on 17th Dec (Yarra Yarra Lakes) and possibly on 18th Dec (any lakes missed during the previous week). This relates to ACI's 2ND 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 prepared for the Banded State
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 at one lake
within a group of lakes and are mixed
and towards the end can be picked up
on wednesday and thursday of the 2nd
week.

DEPARTMENT OF CONSERVATION AND LAND MANAGEMENT

46

Form CLM 80A

To: Sim Lane

From: Alan Clarke

5/12/1996

Your Ref:

Our Ref:

Enquiries:

Phone:

Subject: Banded Stilt flag recoveries

Itinerary for the week 9-13/DEC.

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

10/12 Tuesday. Visit Pink, Warden, Station, Muller and Windabout lakes in the morning to early afternoon. (recent correspondence with locals says the Stilts have left the lakes around Esperance, probably moved to Lake Gore)
pm: visit Lake Gore, Kubitich, and Gidong. Camp at Stokes Mtn.

11/12 WEDNESDAY am look at Stokes Mtn, Oldfield estuary, the Parriup group of lakes
pm. Visit Culham Mtn. Travel to Albany or point the way depending on numbers of Stilts at Culham Mtn

12/12 THURSDAY. Visit east end of Wilson Mtn, Kuornicup lake, Baticup lake, and Lagrecup 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 Quarling Porkeysarring,
13/12 Dumblyung, Cosmellerrup 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.**

24

Fin FYI

Department of Conservation and Land Management



W.A. Wildlife Research Centre
Ocean Reef Road, Woodvale
PO Box 51 Wanneroo,
Western Australia, 6065

Your ref:
Our ref:gpbast1296

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

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	Rottneest 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.

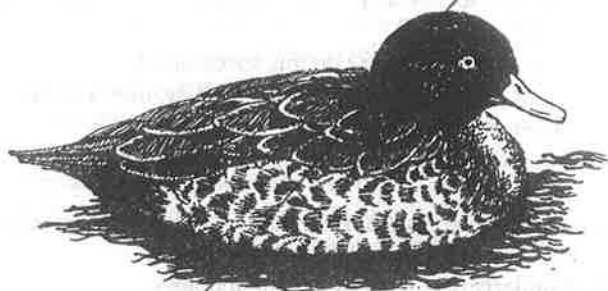
In August, John and Jeanette Hyndes lead us to Lillian Stoke Rock in the Frank Hann National Park. Eighteen of us braved the threat of a soaking and camped out for the weekend. Little rain actually fell and everyone enjoyed the very interesting area including gnamma holes. Thirty-one species were noted, 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	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:

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

or

(09) 480 3640 (phone)

or

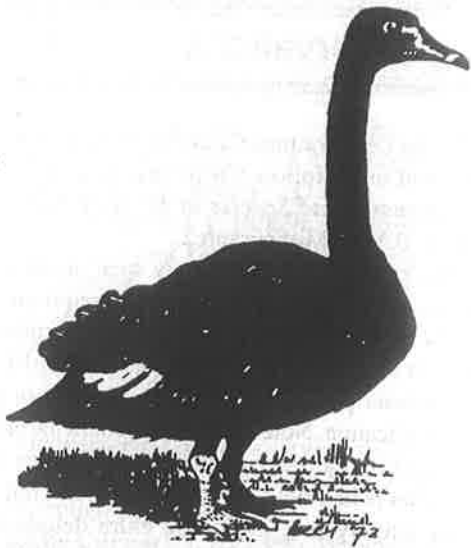
(09) 480 3641 (fax).

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

T. Lane



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 south-west)

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 19°45', 124°10.5' (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, Lacepede 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 Crane - 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, Lacepede 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 ACI with JL's comments on ACI's Sept 10th, 1996, 'Itinerary and costs for the proposed December 1996 search for leg-flagged Banded Stilt'. ACI will search wetlands north to Cataby – Wongan Hills and east to Esperance. This would be ACI's 2ND extensive ground search. JL notes '[GBP] will try to organise surveys/counts of northern sites (Dampier, Port Hedland) for December [1996] also'.

DEPARTMENT OF CONSERVATION AND LAND MANAGEMENT
BUSSELTON DISTRICT

FAX NO: (097) 521 432

FAXED

TO: Alan Clarke URGENT: YES / NO

AT: LRC

FROM: G. J. Jones Fax No. _____

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 Footscray 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.

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

Wednesday Continue Survey Wheatbelt lakes.

Alan Clarke

To: Jim Lane, Principle Research Scientist

Go ahead with trip + ski purchase, but not tent. Spend max. of \$2900.00

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

27/11/96

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.

P.S. Keep Grant informed. He will try to organize survey points of northern lakes (Dampier, Port Hedland) for Dec. also.

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 where Stilt have recently been reported by Mike Bamford and other RAOU observers.

Wednesday Survey Wheatbelt lakes.

Continue

Thursday ^{Continue} 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, Yenyenning 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

\$860 ✓

~~\$250~~

discuss tent needs/
allowances with Grant.
don't buy for this trip.

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.

Please do;
get copies.

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
beaten 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)'.

DEPARTMENT OF CONSERVATION AND LAND MANAGEMENT
BUSSELTON DISTRICT

FAX NO: (097) 521 432

FAXED

TO: Mike Benford URGENT: YES / NO

AT:

..... Fax No.

FROM: J. J. [Signature]

DATE: 27/11

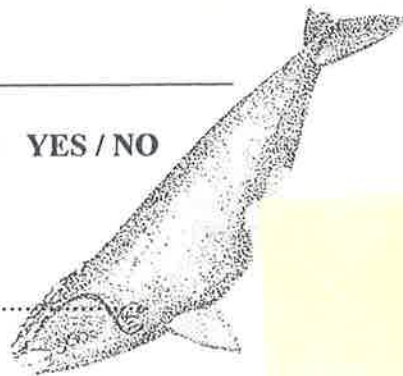
Your Ref:

Local Ref:

Thanks for the BAST info. The only
flag getting we have ~~to~~ do date is a Bellard/
↳ Regenerative movement (by Andy Chapman) ^{perman}
Cheers.

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

FAXED

16.

TO: GRANT P., URGENT: YES / NO

AT: WRC

Fax No.

FROM: J.C.

DATE: 4/4/96

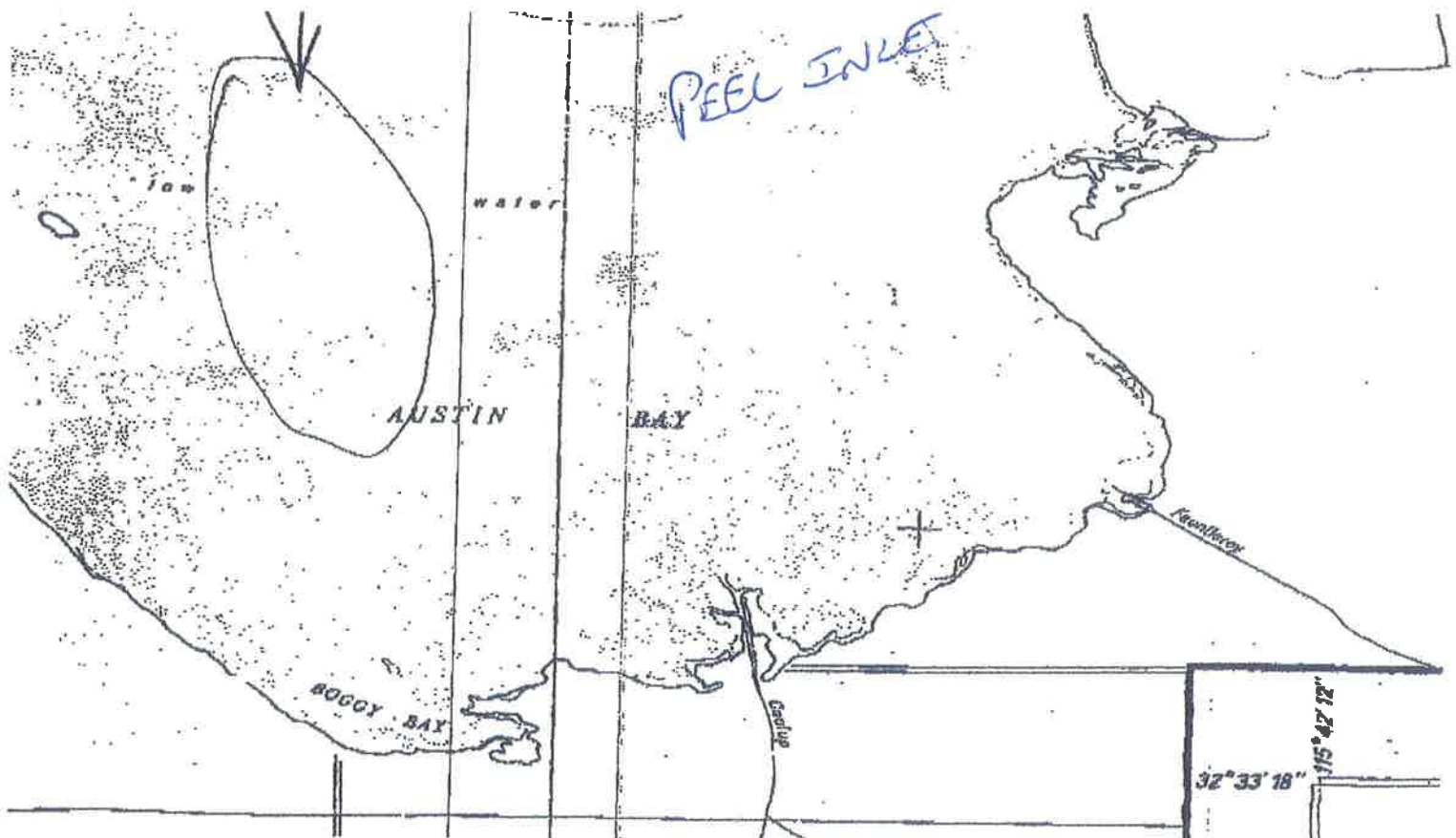
Your Ref:

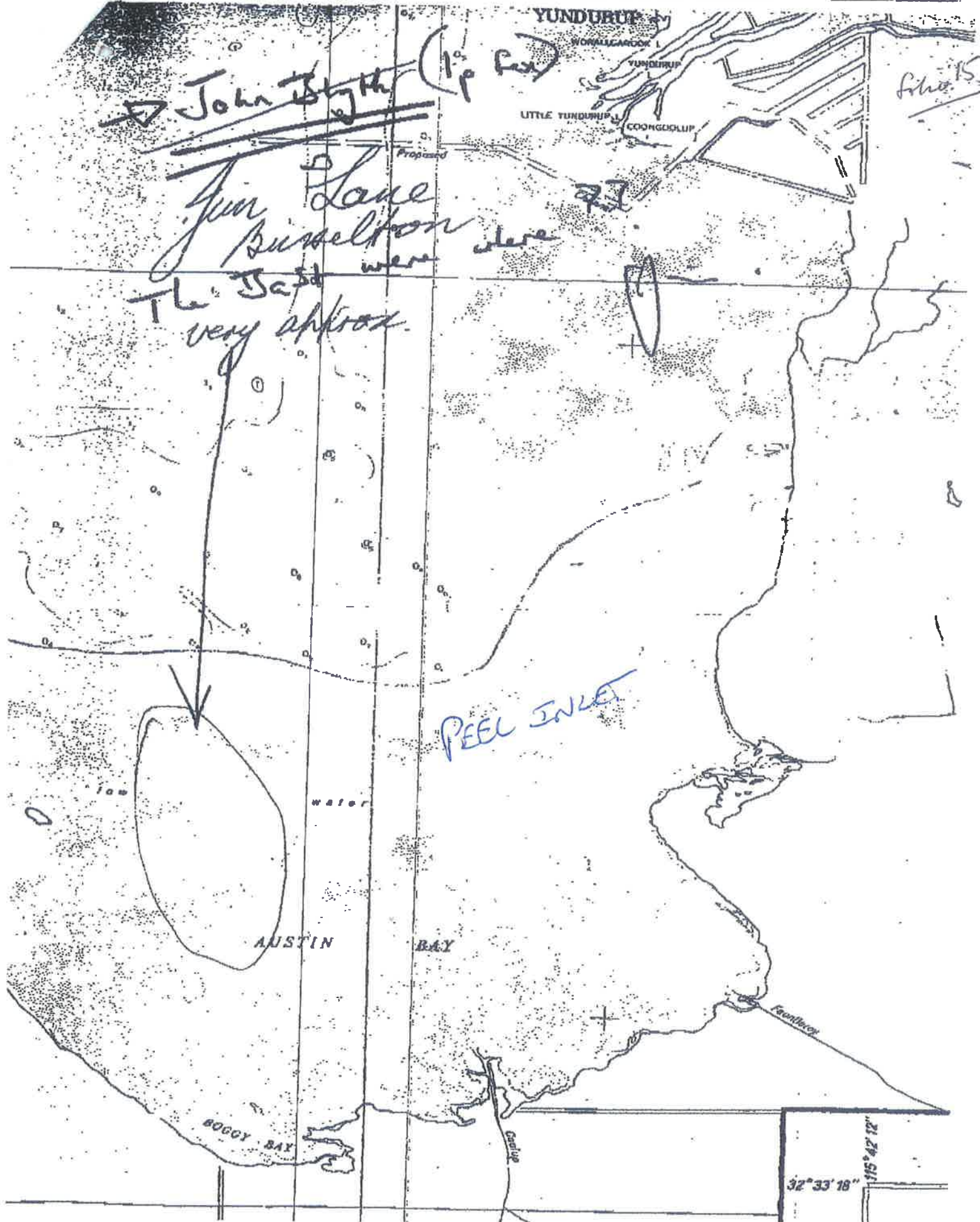
Local Ref:

Location of Bast John Blyth road

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.

Doug.

(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: 5:48a

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 Manton

For info.

We are encouraging birders in W.A.
 to look out for flagged Banded Stilt and organising a
 Dec/Jan survey.Are people in
 the east on the
 lookout?Cheers.
 Jim

P.S. 7,000+ Banded Stilt landed on
 Peel Inlet two weeks ago. Grant will
 check them for flags this week.
 John Dwyer and I found 11,000
 Banded Stilt at Walgormanning Lake
 (near Goomalling) last Friday - saw no
 flags.

**Letter (Nov 1996) from Colin Davis (RAOU Wader Study Group)
to ACI 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 Sogue 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 1109 Fax: (02) 252 1160 — 71 Occombe Drive, Chorley, WA 6013. Tel: (09) 383 7749 Fax: (09) 387 3412
Observatories: Barren Grounds, PO Box 3, Lambermoor, NSW 2533. Tel: (012) 36 0195 Fax: (012) 36 0537 — Rotamah, PO Box 75, Pakenessville, Vic. 3850. Tel: (051) 56 6398
Eyre, Cocklebirdy via Norseman, WA 6143. Tel: (090) 39 3450 — Broome, PO Box 1314, 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

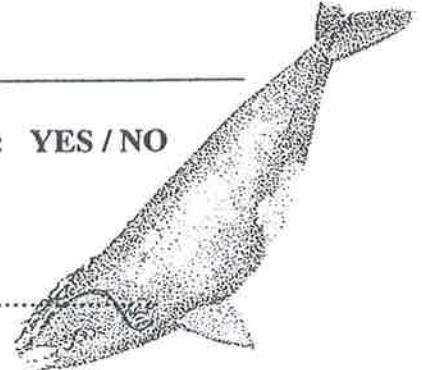
TO: JOHN DLYTH URGENT: YES / NO

AT: WRC

Fax No.

FROM: JIM LANE

DATE: 23/10/96 Your Ref:
Local Ref:



Have Enclosed attached article for Dec
issue of WABN to you today. Cheers

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	Rottneest 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
BUSSELTON DISTRICT

FAX NO: (097) 521 432

16

TO: VERNA COSTELLO URGENT: YES / NO

AT: CORP. REL.

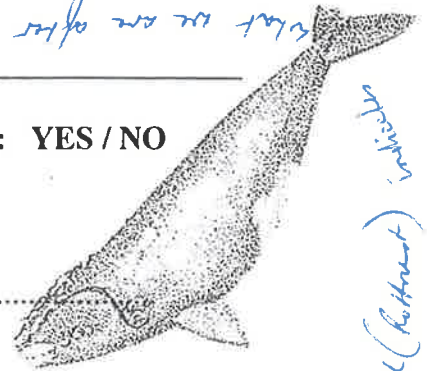
Fax No.

FROM: JIM LANE

DATE: 23/10/96

Your Ref:

Local Ref:



Received your phone message. I am in the office for a few days and then away for most of 3 weeks. Attached is some info that could be used as basis for article in "Fish Telegraph". The most important thing now is for anyone who sights leg-flagged stilts

No. of pages inc. this page: (5)

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

For each observation:

- **Location** (i.e which lake on Rottneest)
- **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 John Head (Rottneest)

DEPARTMENT OF CONSERVATION AND LAND MANAGEMENT



10,

Please address all enquiries to:

14 Queen Street
BUSSELTON WA 6280

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.

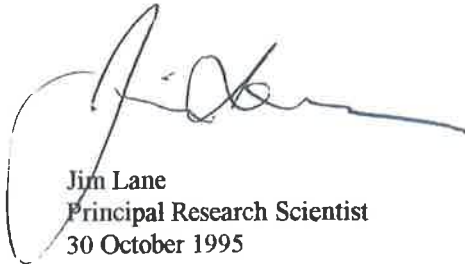
Queries may be directed to Grant in the first instance. If he is not available I can be contacted by phone on (097) 521 677 or by fax (097) 521 432.

9,

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

not sent as calls for
info to go to me - should
be to GBR

Copy of last years call for info

Regret still applies - potentially coming
dry season

J. Lane 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 - RAOU
has 6 - expeditions
to Bass in collaboration
with us.

(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 Wylie today for inclusion in Dec. issue of WABN.

Please discuss marked area with Alan + me.

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 20th October, 1996. See JL's fax to GBP of 04/11/96 above for map of location.

John Blyth

Sunday 20 October 86

around 1100 am.

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

Banded Stilt

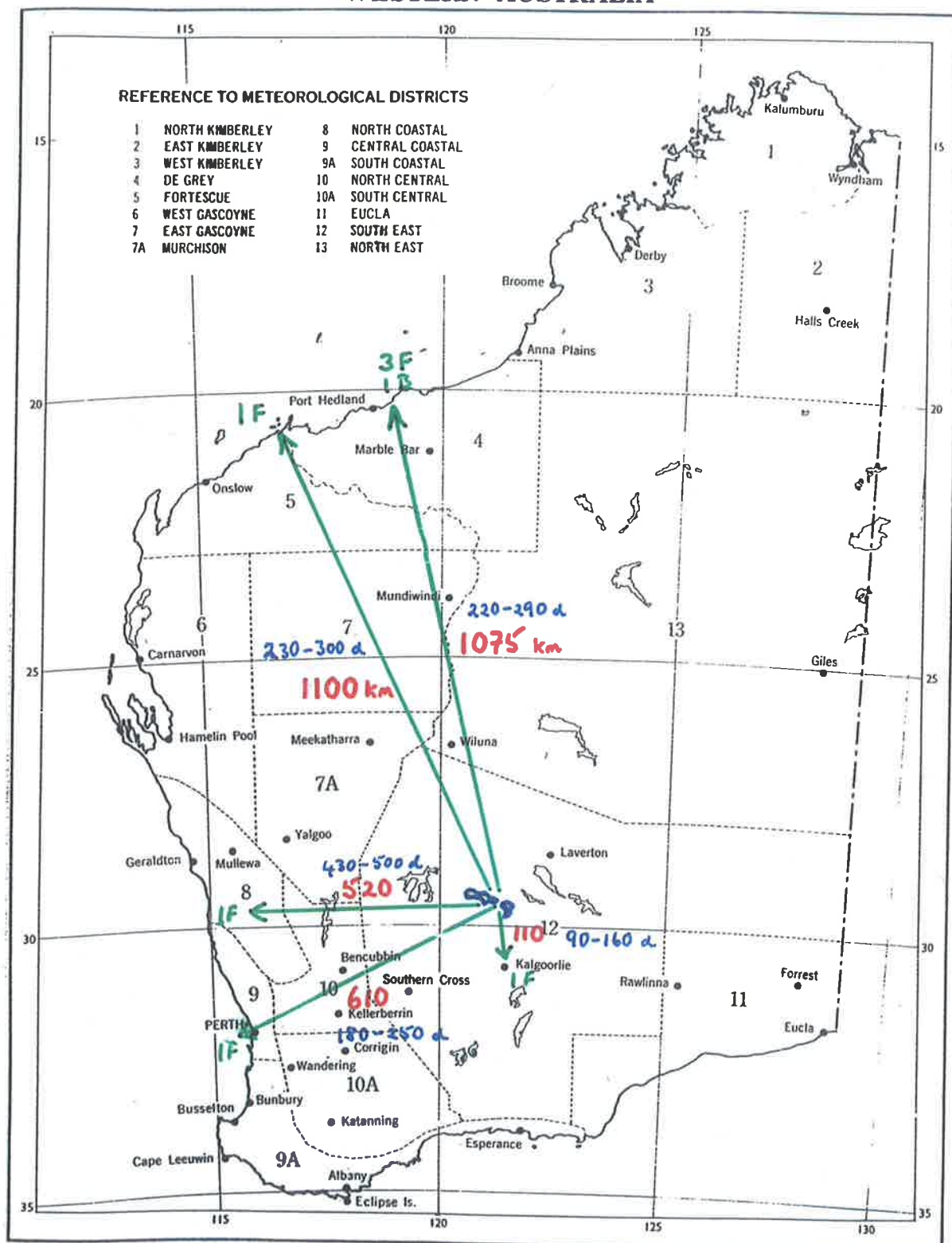
Counted \approx 1000 Pied Shlr

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. 17/01/2014

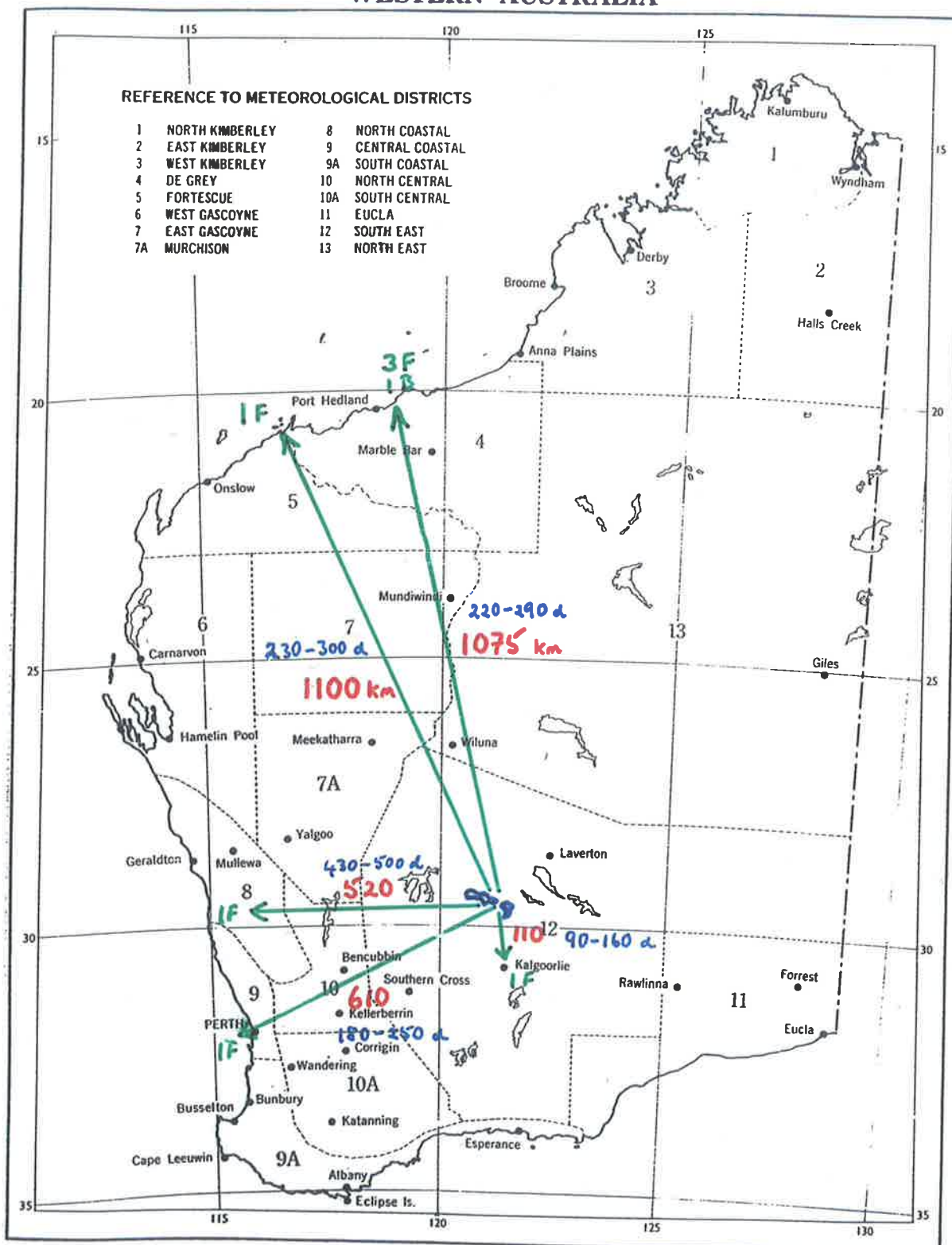
LEG FLAG & BAND SIGHTINGS

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.

17/01/2014

- Material used to prepare
for Be St talk at Sth.

Hum. Con. Congress on 7/10/96

- This material not actually used on
the day

* - includes inter alia cyclone tractors
for 1967-77 and 1985 (83?) → 94
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 29th September 1996.

* Yellow leg-flipped Still Sighting

very near 2/10/96

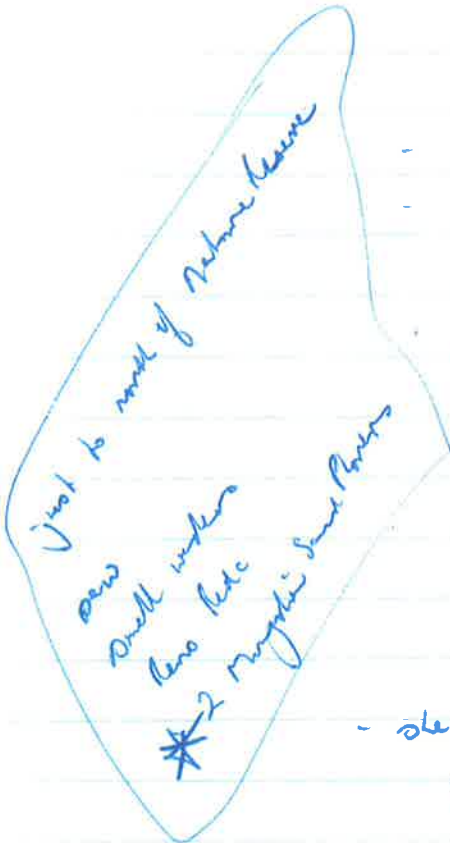
Brenda Newby

Sunday 29 September 96

2 changes

near base of 1st part of lake
on west side

(Yam Yee Lake
near Three Springs)



- a lot of birds far out swimming
- 2 changes closer to shore

she drove
then down past channel

in main body of lake "lots + lots" out
swimming

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

- she drove back to
near base of 1st lake - wading in light pool
up to bellies - then moved over mound
under water - one had a long tag (yellow)
- saw legs of about 80 birds

c 3:30 pm
in afternoon

- many thousands of Best in Yam Yee

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

saw with

- binoculars (not telescope) - c 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

‘Rough jottings [by JL] made in preparation for talk at ‘Sthn. Hem. Orn. Congress’, Albany 07/10/1996’. Includes calcs 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.

pH = 7.9, 7.8, 8.7

0 cm on 46/9

Sweep samples =
part samples =

Wrong

chick size

15 quadrats 2.5 x 5 m

brook size - 2.9, 2.7, 2.6 then 2.4 on water (1-2 days after using)

hatching success - 2000 chicks here = 2 hrs.

fledging success

Individual colour marks
Banded - [10 (Chick) + ?]
200 (Total)

Leg Fledged - [10 (Chick) + 170]
195 + 260 + 20 = 475

Total = 690 (700?) birds
Banded
Maximum
500 by fledged? Banded
Maximum

Sightings - 1 Little Auk (24 km off Kral) 24/10/95 -
1 Puffin 21/1/96 -
1 Gull 7/3/96 -
3 Puffin (Hedland) 28/2/96 -
1 Gull 19/96 -

Eggs collected - DNA

Predators - Little Crow (mostly dead, 2 live)
Wt Eagle (1 live)
Cat (potential)
Not further

Waterfowl on Common Lake breeding

ABC film



ROUGH JOTTINGS MADE IN PREPARATION FOR TALK
AT "STHW. ITEM. ORN. CONGRESS", Albany 7/10/96

oxygen rate?

also date logger
Water depths: \leftarrow

Salinities:
pH: 7.9, 7.8, 8.7

Sweep samples:
gast samples: -

estimate ≈ 50 cm - on 15/3
"back to max 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 26/9

\uparrow wrong!

chick size

15 quadrats 2.5 x 5 m

brood size - 2.9, 2.7, 2.6 then 2.4 on water (1-2 days after hatching)

hatching success \leftarrow 2000 chicks leave = 2 hrs

fledging success

Individually marked
490 age 8 weeks
Then 2000

Individual colour marks

Banded - [10 (Chick) + ?]
200 (Total)

Leg Flagged - [10 (Chick) + 170]
195 + 260 + 20 = 475
 $\uparrow 11/6$

Total ≈ 690 (700?) birds
Banded
Marked
500 leg flagged? Banded
Marked

Sightings - 1 Lake Heron (24 km N of head) 24/10/95 -
1 Rottneest 21/1/96 -
1 Dempier Suet 7/3/96 -
3 Pink Headed siskins 28/2/96 -
1 Green heron 1/9/96 -

Eggs collected - DNA

Predations \rightarrow Little crow (mostly dead, 2 live)
Wt Eagle (1 live)
Cat (potential)
Wot gulls.

Waterproof on Corrosion label breaking.

ABC film

\uparrow

**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'.**

33

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



DATE:

6/9/96

TO:

SIM LANE

FROM:

ALAN CLARKE

NO OF PAGES:

5

(INCLUDING FACE SHEET)

MESSAGE:

Sim I have included the reports for the
 proposed Banded State survey. Could you
 for had 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 any
 please from me. 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.

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, Jerridcuttup lakes and if time a preliminary survey of Culham Inlet. *1/2a*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. *Return to Perth.*A Toyota Landcruiser that has travelled >20 000km costs 29c/km. *220*

Area	kms	Rate	Cost
South Coast	2000	29c	\$580.00

Travel costs Technical Officer	Days	Rate	
Travel allowance	4.5	\$50.15	\$225.70 <i>\$226</i>
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 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.

a/

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

314

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, Yenyenning 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 ~~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	\$194.00

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

\$2034

~~\$2033.80~~

\$860
\$250

\$860 I move up 2 lines

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

306

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.

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 2ND 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

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, Jerrdicuttup 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 Kwormicup (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			
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.

7/2 ✓ Lakes that I expect to visit in the Wheatbelt survey include Coomelberup, Dumbleyung, Quarbing, White, Ibis, White Water, Mears Yenyenning 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 bilt 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

Total vehicle and travel costs	\$2033.80
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 were the mud is very deep or were the birds have congregated on the other side of lakes were 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?

J. 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:

2
40
40
40
27
18
60
35
30
25
23
315

19
30
70
50
40
50
70
30
360

landeruser 1705
750
2460 x 43c

commador 360
630
990 x 17
1342
1057.80
168.30
53.10
313.69 TA
849.00 SKI
50.00
8.20 TA
120.00 OT
BOS EXPENDITURE 2600.09

whollyunmoving write up
BOS & SWD write up
ring Colin Davis about
- areas of interest.
- late logue.

85.85
20.00
10.00
55.85

6.75
59.65
19.45
85.85

Undated composite map of south-western Australia with the following wetlands highlighted: Culham Inlet to Oldfield River estuary; Lake King area, Wilson Inlet, Kwarnicup 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 Champion, 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.

NEW NORCIA
Benedictine Mission founded 1846.
Famous art gallery, museum, Spanish
architecture.

LANCELIN
Holiday town, commercial fishing.

GUILDERTON
Holiday resort and picnic areas at Moore
River estuary.

YANCHEP
Sun City marina and holiday village, golf,
fishing, swimming, Waugal Monoliths.
National Park.

TOODYAY
Historic farming town. Coorinja vine-
yard, Copnors Mill and gaol museums.

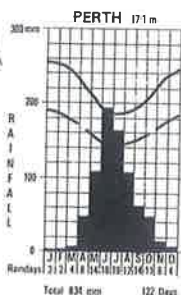
YORK
First settled 1831. Many historic build-
ings, "Balladong Farm" living museum.
First agricultural farm in W.A.

PERTH
Capital of Western Australia. Well known
for its pleasant climate. City nestles
between Swan River and beautiful King's
Park.

ROTTNEST
Holiday resort. Air and ferry service from
mainland. Swimming, skin diving, fish-
ing, historic buildings.

FREMANTLE
Chief port of W.A. Historic buildings,
fishing.

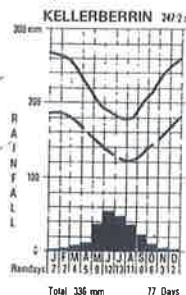
MANDURAH
Major holiday resort. Swimming, fishing,
crabbing, sailing, scenic Peel Inlet.

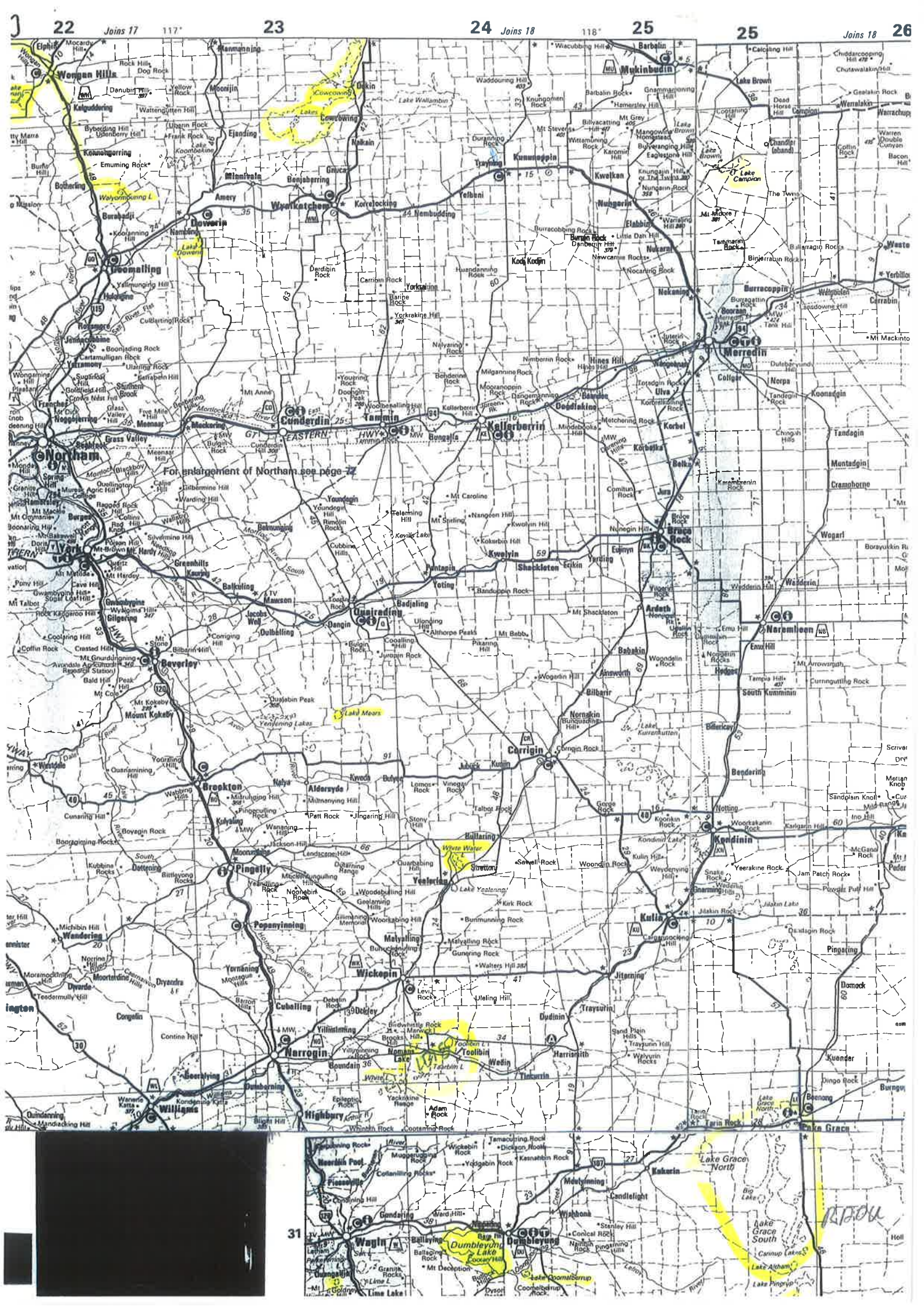


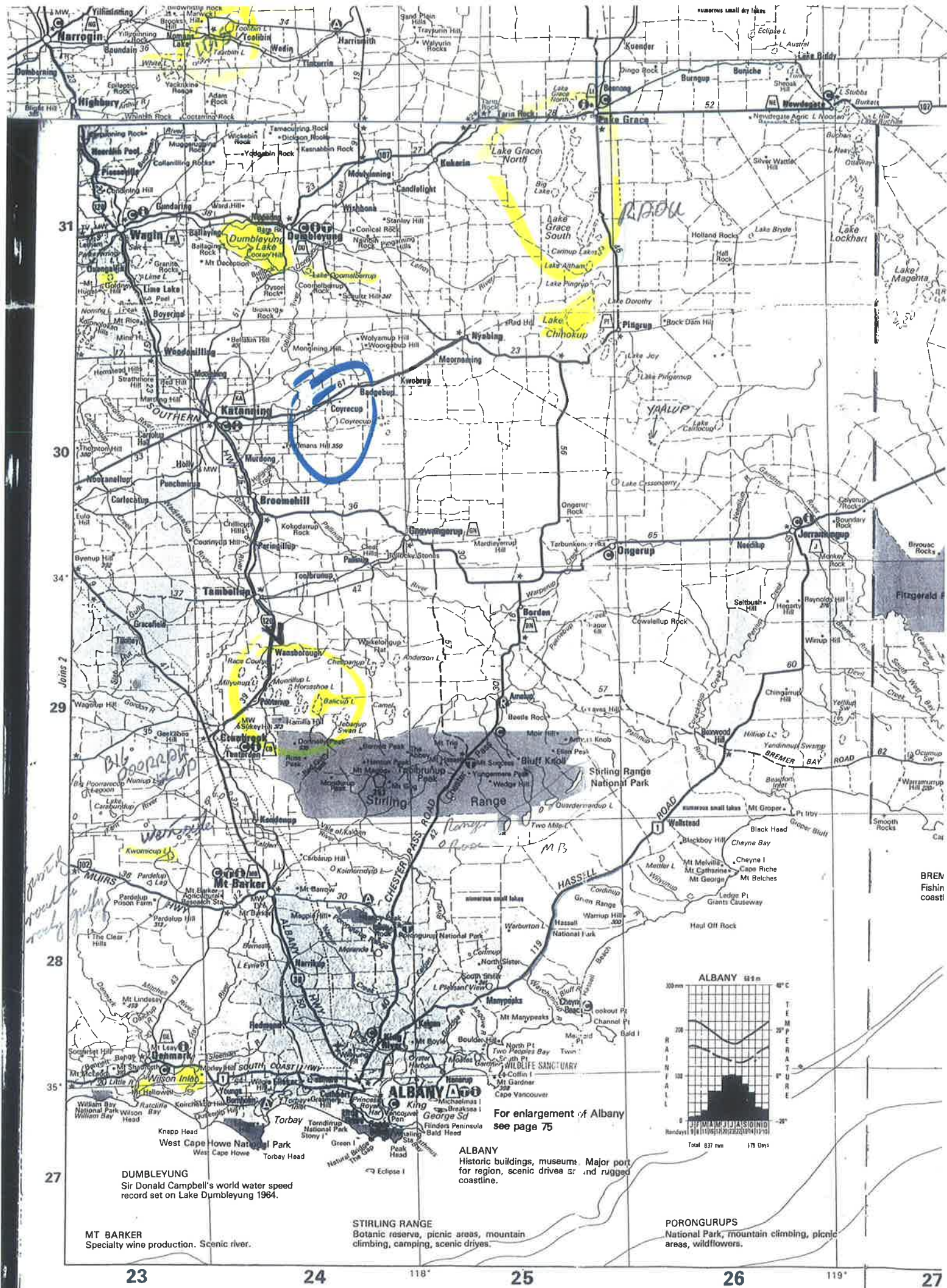
For enlargement of
Perth Suburbs and
City Area see
pages 64 and 65

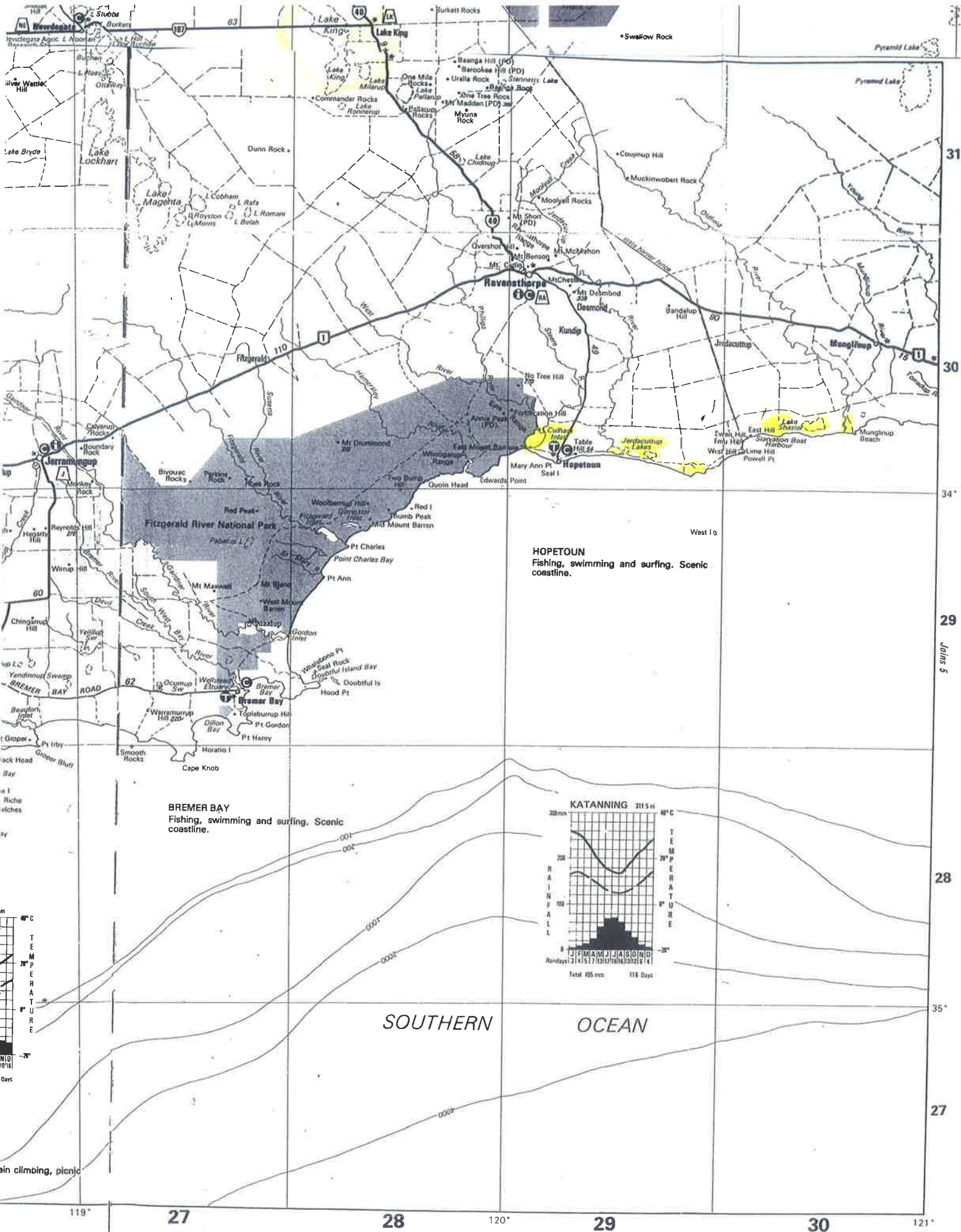
For enlargement of
Fremantle see page 66

For enlargement of
Mandurah
see page 73

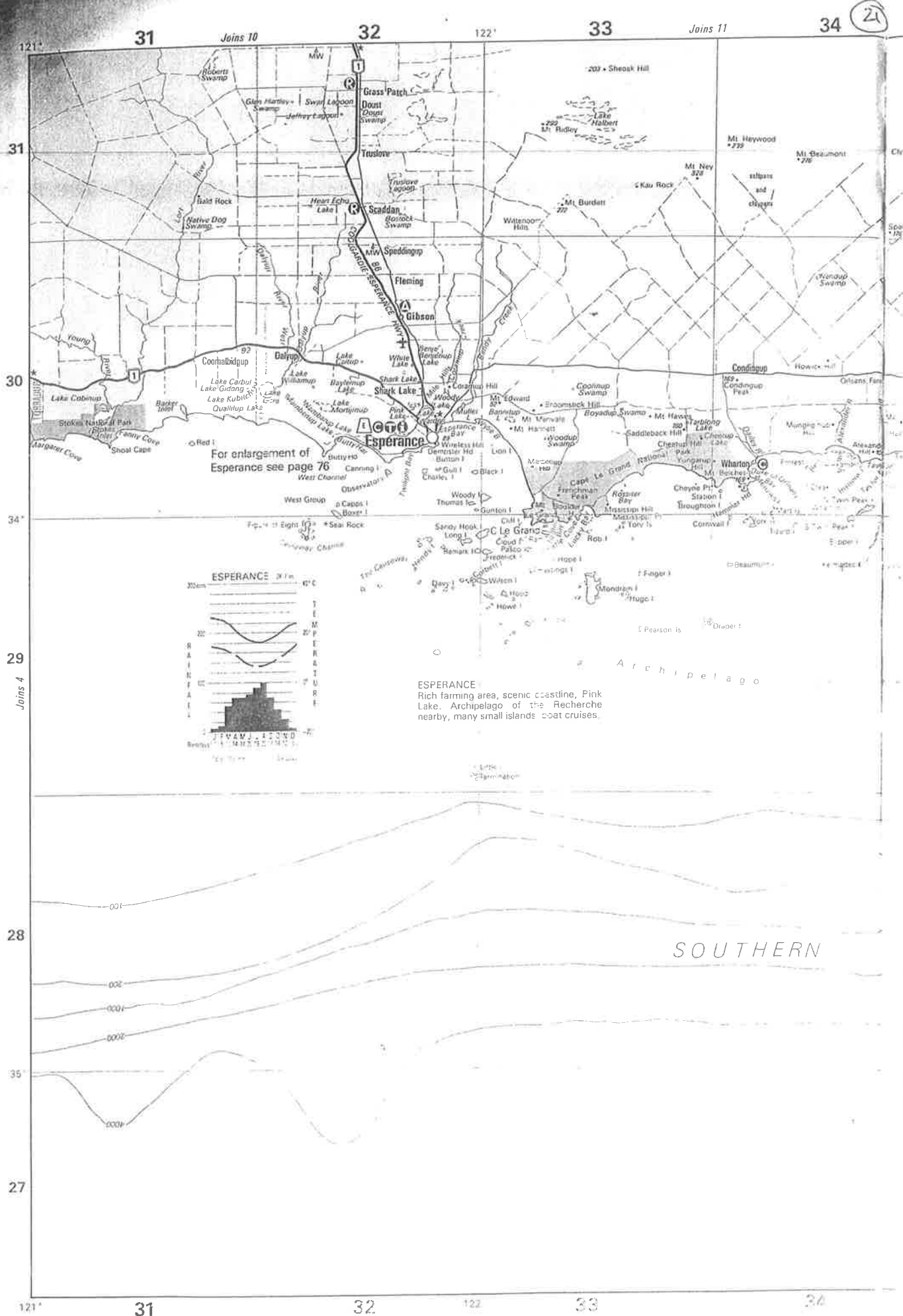




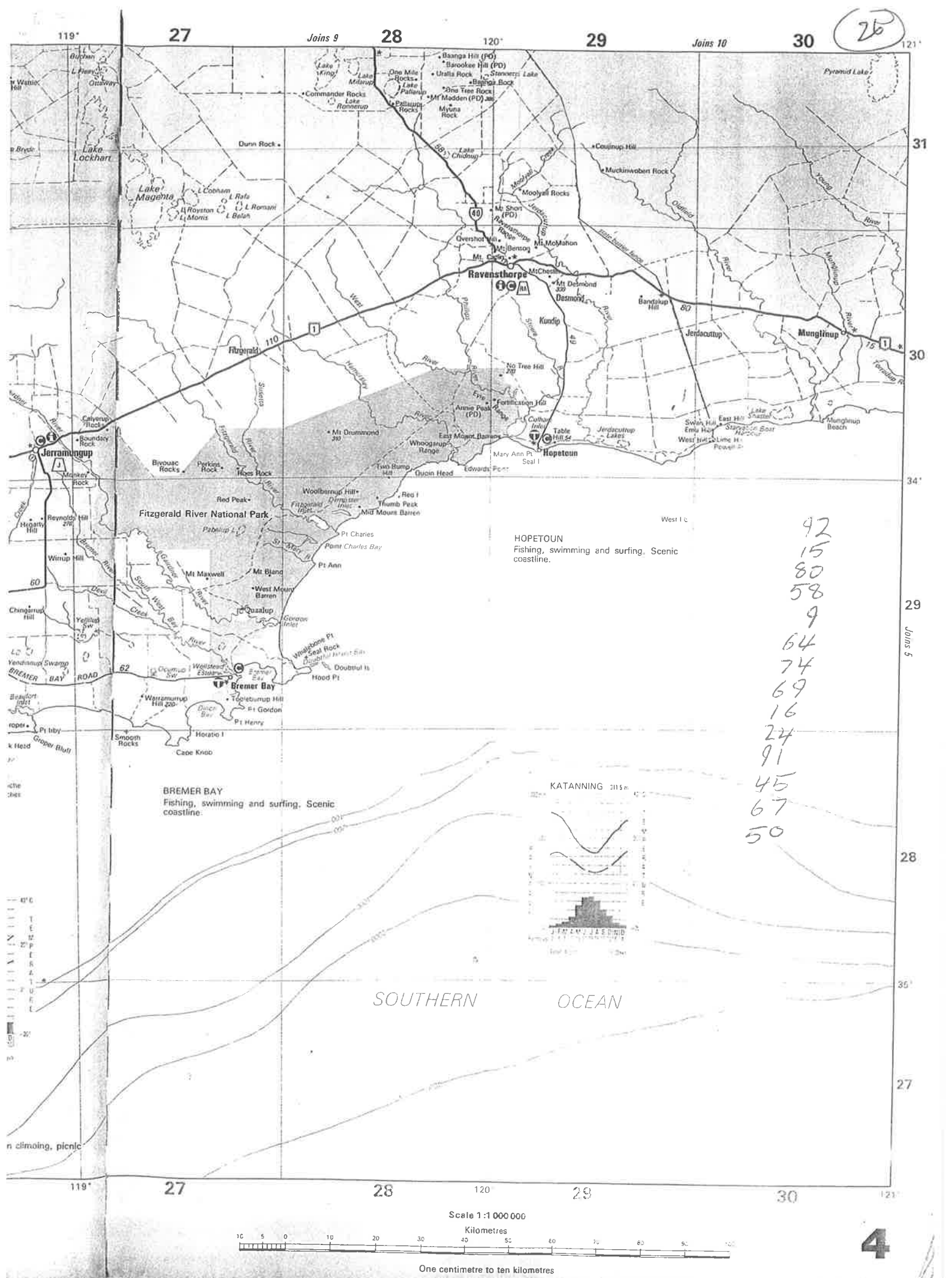




Undated collection of maps of SW WA with some wetlands marked and a list of numbers that are perhaps distances (km).



26

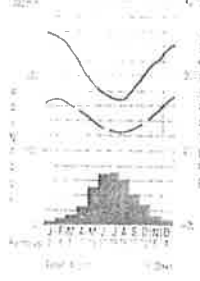


HOPETOUN
Fishing, swimming and surfing. Scenic coastline.

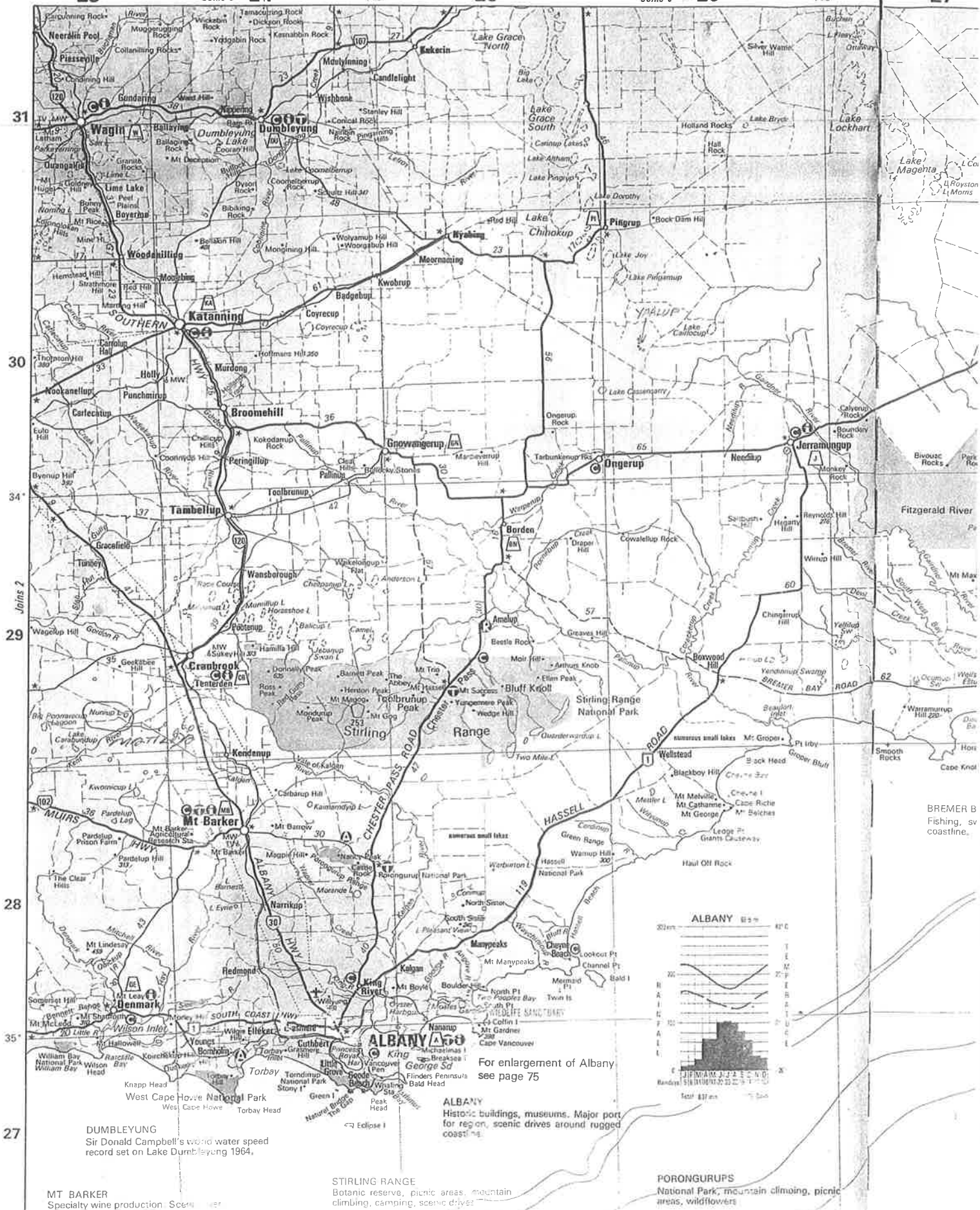
BREMER BAY
Fishing, swimming and surfing. Scenic coastline.

42
15
80
58
9
64
74
69
16
24
91
45
67
50

KATANNING 1115 m



SOUTHERN OCEAN

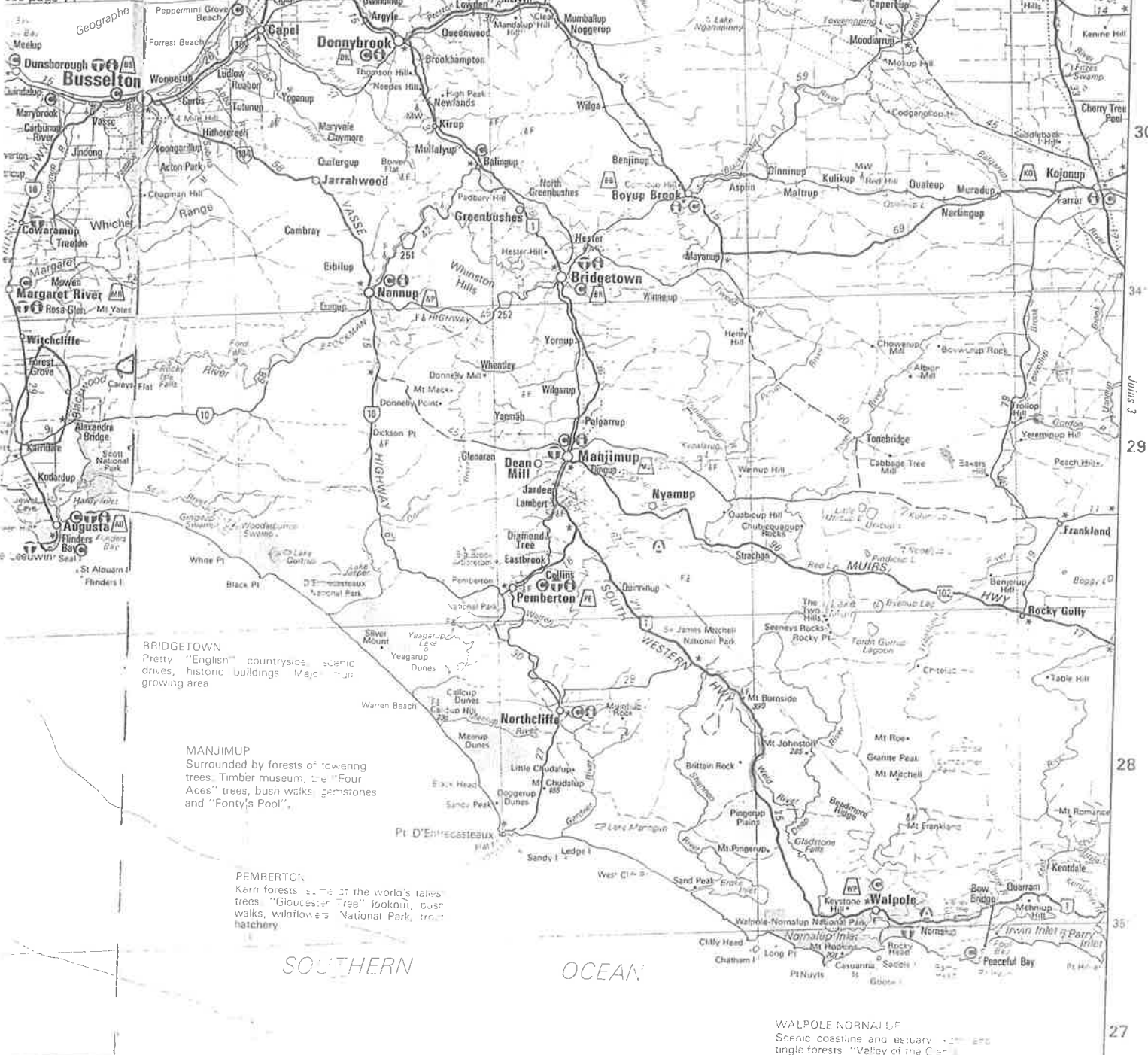


forests. Scenic
flowers.

Arise Reefs

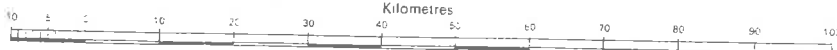
mming, crabbing,

see page 71



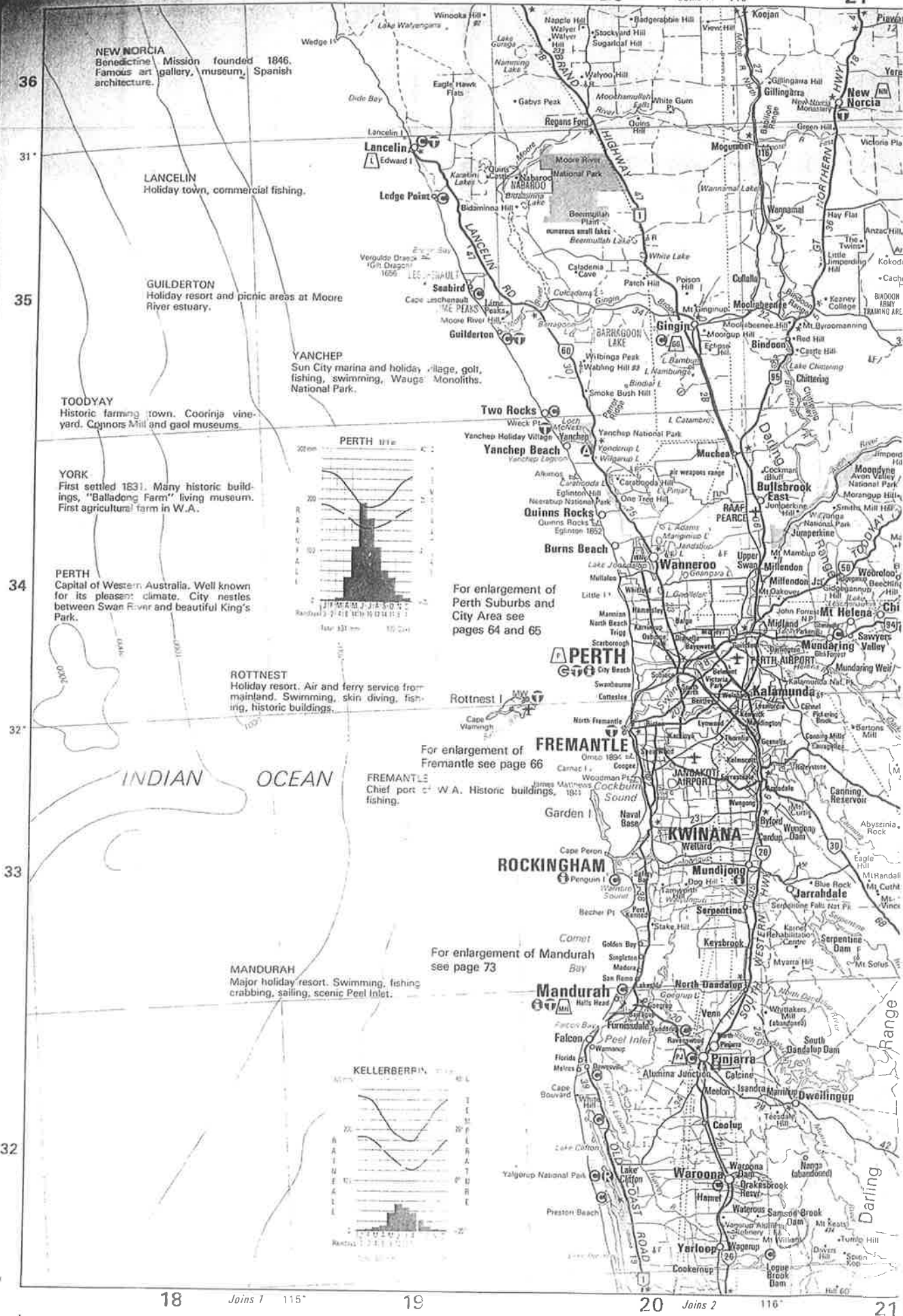
Scale 1:100,000

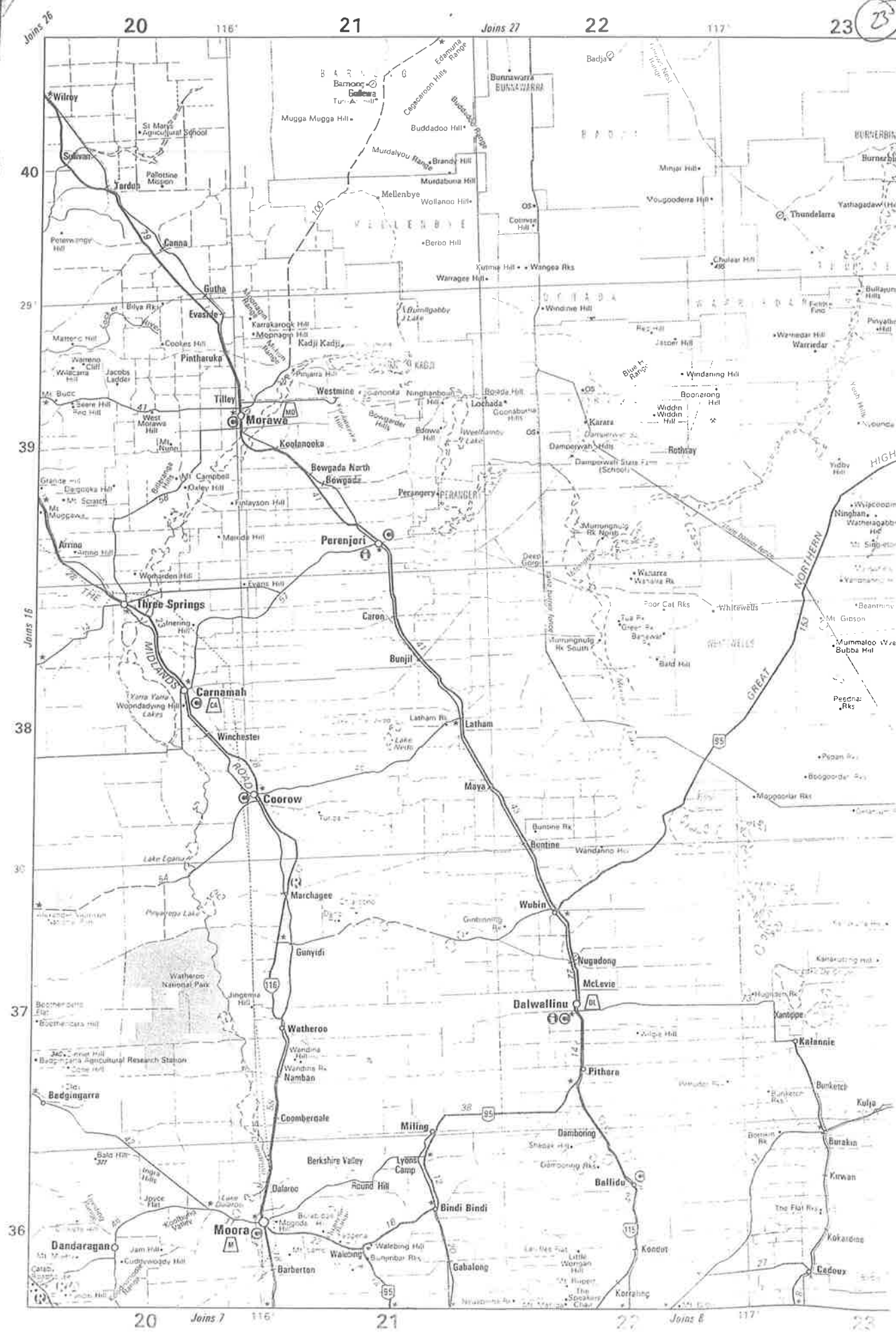
Kilometres



One centimetre to ten kilometres







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 9th to 20th'. 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.

wongan like BASIL WOOD
PAT
096 342015

(060) 582340.

Alan

Scott Godley (CALM - Moora)
called. Thur 13th.

- Adrian

National Park.

098 279278
098 279230

lakes to the west

ABIAN
wildly
Peter
lawrie
collins

Culham Inlet 'mark'

383060

Lake King
group
north

Bitzgerold River national Park

Lindsay Brown 098 371022

beautiful inlet

wellstead estuary ✓

Bitzgerold and damper inlet

golden inlet ✓

Alamy Martin

B KWORNICUP

098 511427

wongan hills

Wilson Inlet or William Bay National Park.

Stirling Range National Park

mark 098 279278
098 299230

Balicup lake and surrounding lakes to the west

ABDANY OFFICE KWORNICUP LAKE

wildlife office Sorbay Inlet

Peter 098 417133 Oyster Harbour

lawrie

collins

camping along coast

Culham Inlet mark true 098 383060 lake King group north

Stitzgerald River national Park

Lindsay Brown 098 371022

beaufort inlet

wellstead estuary ✓

Stitzgerald and Dempster inlets

Gordon inlet ✓

Alamy Martin

B KWORNICUP

098 511427

Norogin
 white water lake,
 mead and springing lakes across

Darwin Lakes Basil wood 096 342015

lake chattering

Merridin 090 412488 ~~Patricia~~ Daniel Hunter
 lake brown *lake canyon

? Wangen Hills area shine 096 711327
 lake niran, Walyamburing lake.
 cave carving lakes
 lake Hinds

Moura Scott 096 511424
~~grey~~ yarra yarra lakes

Merridin late campers
uncovering?

Basil Wood Duvrin later
Wolfe morning

Moore late Hinds

Phil Gutter wagg wagg
Yagoo.

coral shop \$35
spirit 4m coral 150

1956 FLAB SIGHTING

lake logue survey to be included

Alamy wildlife officer
Wilson Mkt
Kuaricup lake?
Balecup Stirling's NP ranger

Hopetoun Culham Mkt NP ranger FRMP
Terdicutup lakes
Stches Mkt Bob Shaster

Exposure Lake Gore
Pink Warden Mallet the
Borne Hilberly

? Lake King

Narragin white lake (SE)
little white lake (NE)
lake moor

Kestanning Dumblegung
Lammthrup
Lake Grace
Chimbrup

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 depth roosting ~~chore~~

Ring south coast Pangro about Port
Koorriup Sub GP.

Ring districts Maragin Maara
Ring Basil Wood.

orange car for 9th to 20th

Ring Andrew sorting tray
vials

see grant re. reg. survey Sam
pay boat worse

Human resources. Training and development
budget
to groups?
rentals?

access.
Stirling Ranges Baling Lake
Chris Wilson Inlet.

Fax (03/09/1996) from JL to ACI 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 ACI’s 2ND 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

296

Copy each page.
FAXED

TO: ALAN CLARKE & GRANT PEARSON URGENT: YES / NO

AT: WRC

Fax No.

FROM: JIM LANE

DATE: 3/9/96

Your Ref:

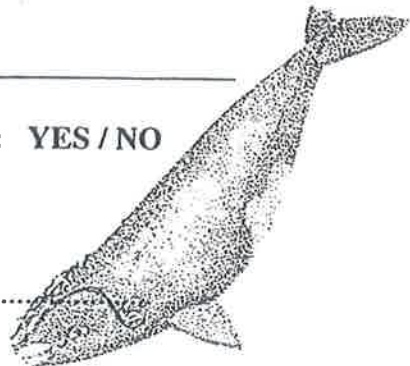
Local Ref:

No. of pages inc. this page: 2

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

Jim Lane
3 September 1996.

Copy: Grant Pearson.



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

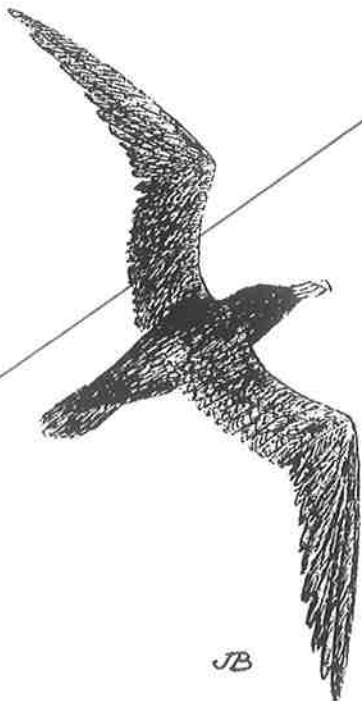
Hooded Plover - 9, 17/4/96, Wellstead Estuary, Bremer Bay (Jerramungup) - RP

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)



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) - GMa (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 Ck, 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, SS

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 20th 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, Baldvis**

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, Baldvis.

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 compiled. 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. Barbeque 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 ACI headed 'Banded Stilt Survey of SW June 1996' in which ACI 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 ACI's 1ST 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 SWINE 1996

By Alan Clark

Mon 10/6

Travell to Experiences via Lake Brimmer.

Stayed at CDLM's Red Lake unit.

TUE 11/6

Surveyed Pink Lake, 11 BOST 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 BOST

6 red capped phalar, 13 banded phalar.

Station Lake, 7 BOST no flags, all BP to 100% means that shoveller.

Mulle Lake no BOST

Weed Lake no BOST

Windabout Lake no BOST

Red
Lake Gore 3000 banded stilt 3000 warty
banded phalar 348 teal shoveller shoveller
BWS grebe no flags good conditions for
observing. took 12 onto lake was able to
smith. flew up to 100m. lake depth 50m clear
water 10% macrophytes.

To:

From:

19.....

Your Ref:

Our Ref:

Enquiries:

Phone:

Subject:

similar looking to lake ballard.

The majority of birds were feeding in deep water spread across the lake. Observed birds gathering on east shore at dusk. Swan Pool lake visit experience.

Wed 12/6

Surveyed

on Lake Gore 500 Boat on east shore ^{I was} able to walk around the back of the forests and see up ^{my} escape very close to the birds without disturbance. no flocks majority of birds feeding in deep water.

Lakes Gidon and Kulidea no Boat one lake had a few ducks the other no waterbirds.

Stiles Mtn. Ranger informed me the 30 banded Stiles there had been at the top of the inlet lake Gore. He also suggested the small lake just down from his residence carried hundreds of Stiles 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 flocks 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 75 to 100% BP.

DEPARTMENT OF CONSERVATION AND LAND MANAGEMENT

Form CLM 80A

To:

From:

19

Your Ref:

Our Ref:

Enquiries:

Phone:

Subject:

with 10% with some or very little 20% of the birds with 100% BP had white plumage standing off the back of the bird as seen during the breeding event at Lake Ballard. These birds tended to move around together in groups of 2's and 3's. 3's also appeared to be larger, more thick set than the other birds.

Camped at Pargers house, Stuart Mile.

Thur 13/6

Surveyed Corridors Mile, no BPBT

Oldfield Estuary, no BPBT

Lake Shafter, dry

Pallins Lake (large lake in SW direction)

263 banded state 95% had 100% BP of these 10% were displaying white plumage off the thin backs. 5% had 75% BP

there were 60 ~~at~~ silver gulls ^{a few} ~~in~~ ^{near} ~~the~~ ^{the} ~~water~~ ^{water} and # 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:

Bordicuthys lake (east)

landed stile 30 no flags, avocet 4 BWS 15
teal 100, greenherb 8, Redgaps 20, Red-necked
stilt 20, water very shallow, good views
of feeding stilt.

Bordicuthys lake (west) no water birds, virtually dry.

Cullham Inlet

Banded Stilt 1274 no flags, 500 avocet

I was only able to get a good view of
300 stilt from the shore the remaining stilt were
in the middle of the inlet in deeper water.

I was unable to venture further out because of
the loose deep mud, as I started retreating
in the mud I continued to sink.

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

To:

From:

.....19.....

Your Ref:

Our Ref:

Enquiries:

Phone:

Subject:

Friday 14/6

Swampy Bay to Harbour no Base, the tide was high covering all suitable habitats.

Barley no state, there ~~was~~ no suitable habitat
Wilson Inlet (Eden Rd, Nerrangup Inlet)

10 birds no flags, avocet, spoonbill, grebe, mud duck, teal, black duck, Greenshanks, good shallow areas.

Wilson Inlet (Morley Rd) 286 Base no flags.

State feeding in small groups, pairs and singly.
10 state were displaying white plumes on their backs.

Less birds were feeding in pairs or alone. 95% of state 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 muds, spoonbills, teal, pelicans, grebe (Honey), avocets and BWS, and moderate numbers of white red caps and phalaropes.

Wilson Inlet (mouth)

4 Base no flags, considerably less birds they included small numbers of avocet, muds, BWS, spoonbills, M ducks, Caspian terns, Pied Oystercatchers, WHF and teal.

To:

From:

19.

Your Ref:

Our Ref:

Enquiries:

Phone:

Subject:

Kiwarrup lake, dry
travelled to ~~the dam~~
home.

Monday 17/6

Swapped Don Peel Mkt from the Murray River
along the shore to Belant Bay. The Base.

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

I spent the day observing & spent the
afternoon in paddocks 300m from the shore.
George Island also had no B. still.

WED 18/6

Swapped Longspring lakes, the sea on Base.
very few water birds at all. 1 avian and 10
ducks.

TUE 25/6

Swapped Lake Chittum no Base, only recently
filled to a depth of 30cm.

Guraga lake no Base, depth 1.1m water
colour milky off white. large numbers of waterbirds
including 800 pink eared ducks, 60 teal 121 pelicans

DEPARTMENT OF CONSERVATION AND LAND MANAGEMENT

Form CLM 80A

To:

From:

.....19.....

Your Ref:

Our Ref:

Enquiries:

Phone:

Subject:

12 darter and small numbers of BWS swam shoveller,
spoonbill, grebe much more PBD shelduck
red capped plovers, avocet reared shrike
oiler gulls and straw ibis.

Ich reports to the north and east of
Perth were reported to me as long dry
or without Bore by CALM staff and in
particular Phil Guller and Basil Wood from
the Denwin area.

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

14

OFFICE / TELEPHONE MESSAGE

TO: Jim Long		TIME 9:10
FROM: ALAN CLARKE		Callers telephone Number:-
Telephoned <input type="checkbox"/>	Will call you back <input type="checkbox"/>	Returned your call <input type="checkbox"/>
Please call <input type="checkbox"/>	Called to see you <input type="checkbox"/>	Urgent <input type="checkbox"/>

Message:- RADIC MESSAGE

HE IS AT LAKE GOLF WITH
3000 Banded SHITS

Message received by:-

ND

Date: 12/6/76



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 IIN 7983

Fax (05/06/1996) from ACI 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 ACI’s 1ST 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



B.

Date:

5/6/96

To:

JIM LANE

At:

BUSSELTON

From:

ALAN CLARKE

No of Pages:

2

(including face sheet)

Message:

5m. After talking with district people
I have produced a rough guide to
the lakes and estuaries that have water.
The number of site sightings will determine
the speed through this list.

Please ring Thursday to discuss.

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.

Wenden
et al

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

Lake Gore?
Gordon

WEDNESDAY: Search inlets west along coast towards Albany.
Barker, Stokes, Oldfield (Munglinup), Lake Shacter, Sardacathup lakes, Culham Inlet, Wellstead Estuary, Beaufort Inlet.

THURSDAY: Remaining inlets, Oyster Harbour, Wilson inlet, Koorinup and lakes surrounding Greenbrook (including Belicup).

Friday: Investigating lakes

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

E + SE Red

Puttrest

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, unicum, 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 Unicum? Seen by Roger Hearn of CALM Manjimup?

50

1500

2000 - 3000

eastern shore

unicup

Roger Herr

SHIRE

OF

CG

954

801 9608 ha

A 18030
171
202 4364 ha
Water

955

868.8247 ha

CG

956

819.5719 ha

85



RAVENSTHORPE

51

CG
958

852.1845 ha

CG

960

890.4804 ha

Rav 32
74 m
Δ

CG

961

860.8903 ha

SPRINGDALE

ROAD

No.

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 ACI that appears to refer to BaSt numbers? ('Hamersley 200-300') and to rainfalls? ('23mm', '60mm').

Message...

For: Alan Clarke (78)

From: Mark Tru

Banded stilts pop

0898 383 060

WEST 1902 60mm

Hemlock 200-300 23mm

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

mullet

Mike & Ann Buckmann

69 Park Lake Rd.

090 713517

Alan Rose Rongor Esq (CAB Head)

090 75



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

Message...

For: ALAN CLARKE (62)

From: SEVE DUTTON

From Valgarup
National Park.

097-391-0607 FAX

Bill Russell

W. Lakeview ST

11.20 AM 3/4

098806100

Post-it® Printed Notes

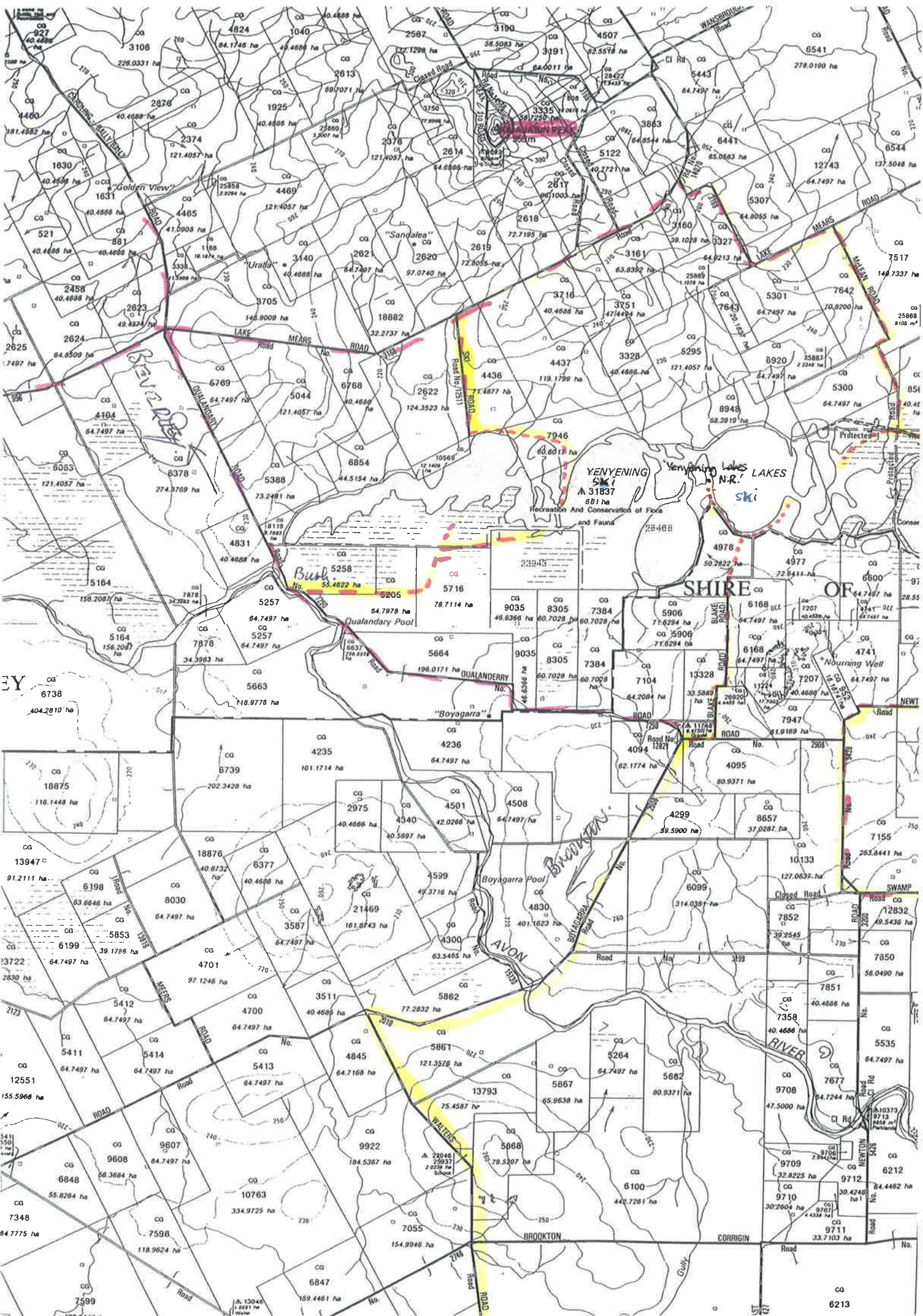
Undated A3 map with message attached, from Leon Silvester (spelling?) (CALM Wildlife Officer) to ACl, that reads 'FYI. You should be able to get a good coverage of water using these tracks.

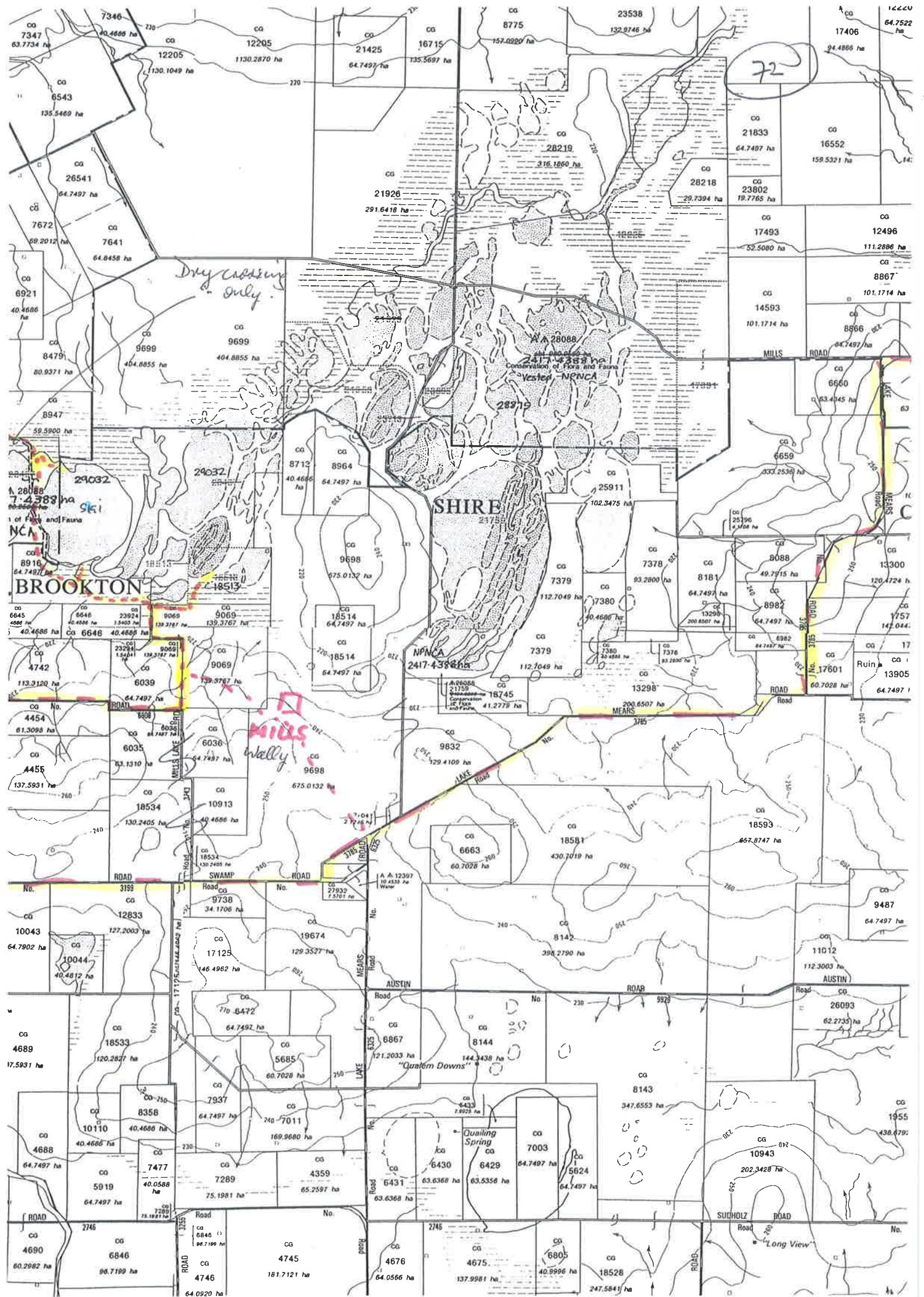
Gets a bit wet in winter though!' map has roads and tracks in Yenyenning (Beverley) Lakes – Channel Lakes area highlighted in yellow and pink.

Alan. FYI: you should be able
to get a good coverage of water
using these tracks.
gets a bit wet in winter though!

Regards
hans

DEXON® II
The Knot Obeys Your Instructions
DE
DAVIS-ECCK





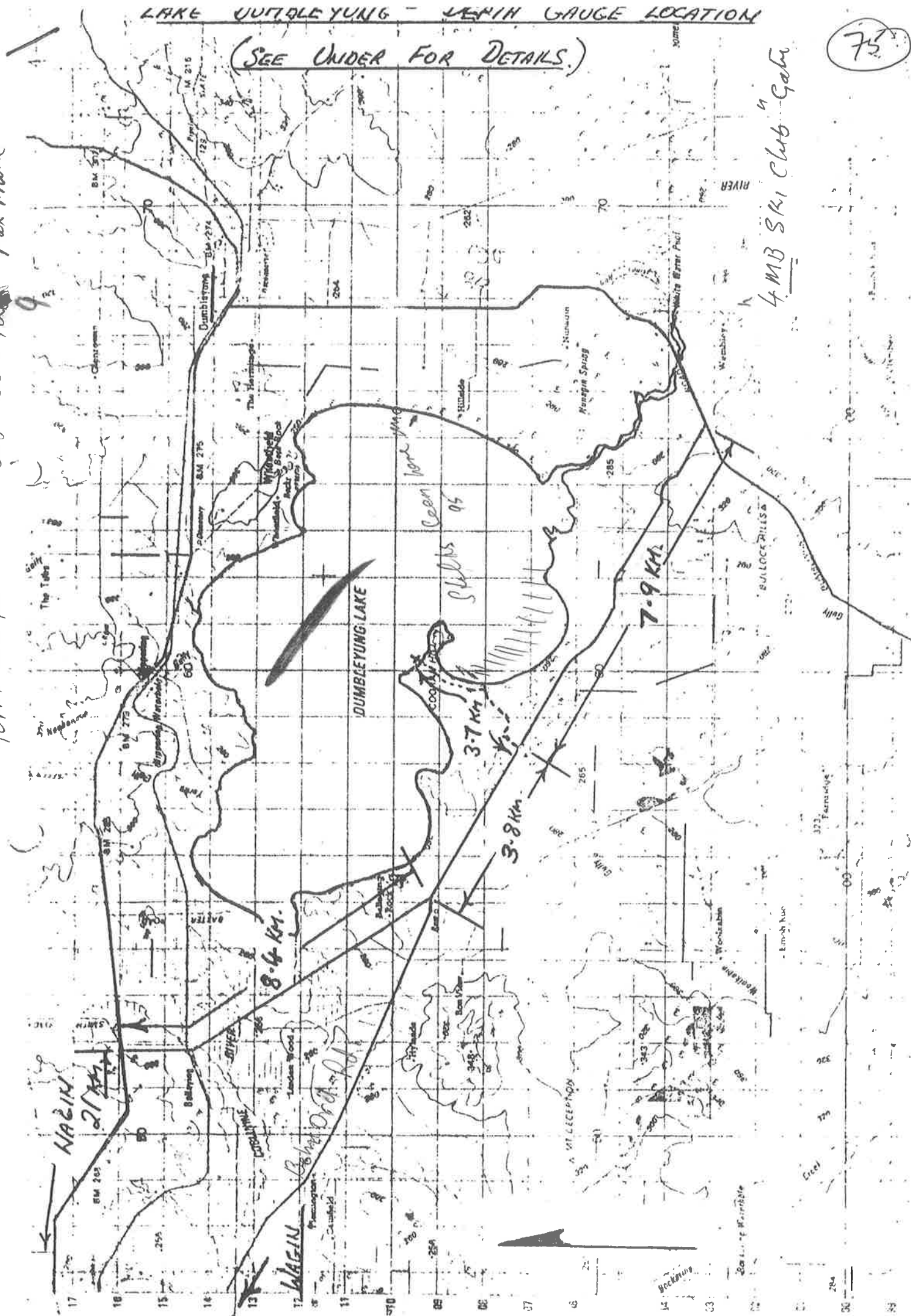
Undated map of Lake Dumbleyung with annotations including 'Terri Lloyd ... [phone / fax number] and 'Stilts seen here ... [indecipherable] 95 [presumably referring to 1995]'. On reverse side of this map is a sketch map of access to south side of lake Dumbleyung and annotations including 'Owen Dare [spelling?]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

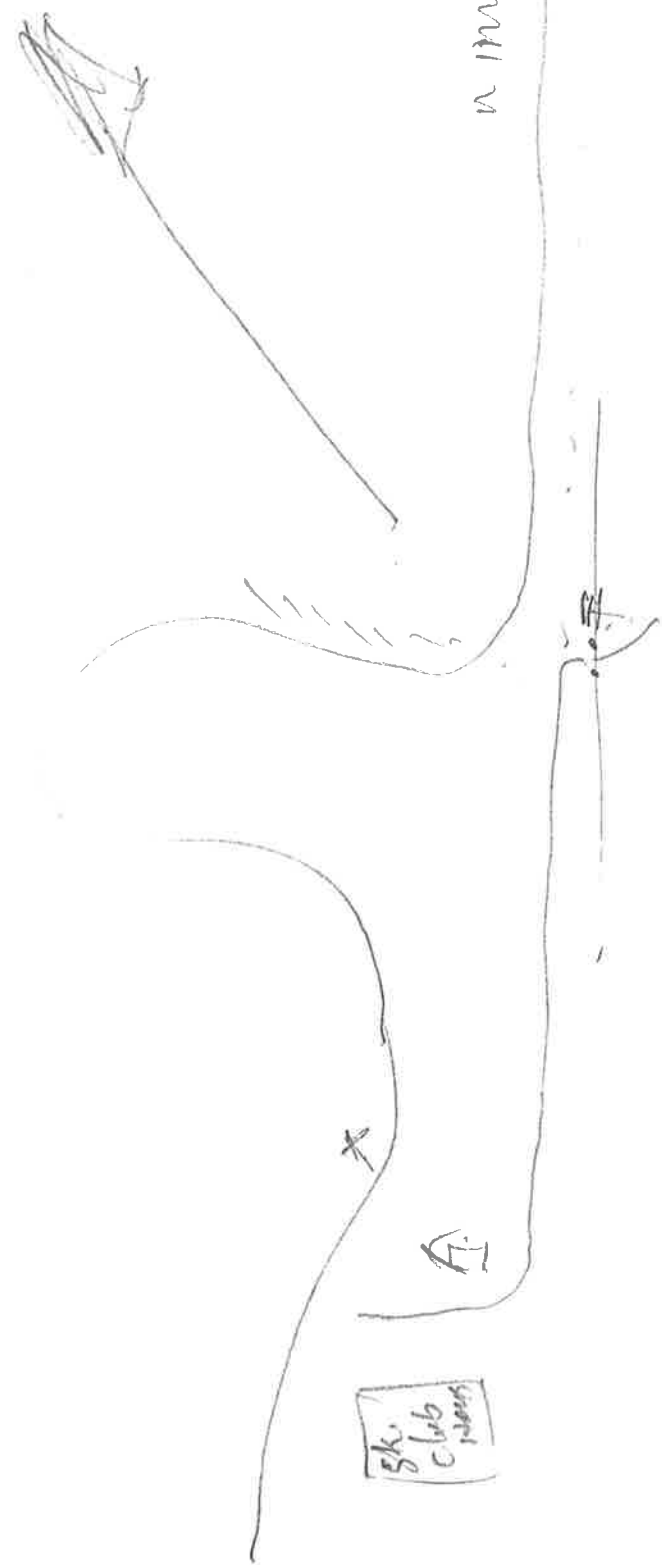
(SEE UNDER FOR DETAILS.)

4 MB SKI Club - Caber

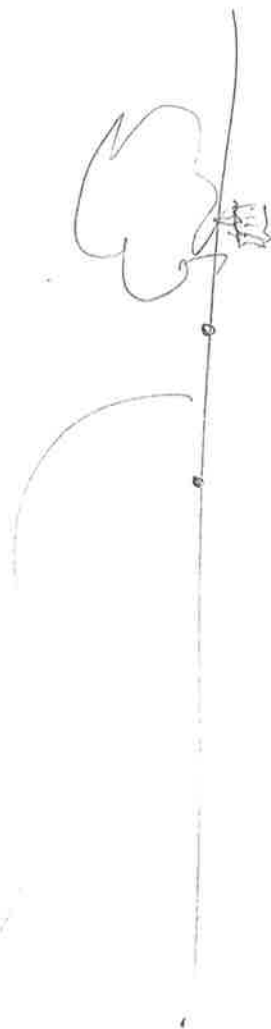
75.

Terrill Lloyd 098 634 121 Fax Phone





Owen Don. 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.

RADU SURVEY OF WATERBIRDS. CONDENSED REPORT BY SPECIES.

20 JUN 09

PAGE 1

147 BANDED STILT

WETLAND CODE	WETLAND NAME	NO. OF YEARS RECORDED	NO. OF SURVEYS IN WHICH RECORDED	REPORTING RATE (P.C.)	HIGHEST NO. COUNTED IN ANY SURVEY	NO. OF YEARS IN WHICH FOUND BREEDING	NO. OF SURVEYS IN WHICH FOUND BREEDING
27/1	JOONDALUP LAKE	1	2	2.1	6	0	0
47/1	JANDABUP LAKE	3	7	13.5	150	0	0
7/1	CHITTERING LAKE	1	1	1.6	12	0	0
11/1	KALYANDURRING LAKE	3	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	30	57.7	6394	0	0
13/4	ROBERT BAY	1	2	50.0	5000	0	0
13/5	MURRAY RIVER MOUTH	1	1	20.0	1	0	0
13/6	SERPENTINE RIVER MOUTH	1	1	20.0	1	0	0
13/7	COODANUP ERESHORE (COODANUP)	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	31	0	0
15/1	THOMSONS LAKE	6	27	13.7	360	0	0
17/1	FORRESTDALE LAKE	7	36	24.6	885	0	0
27/1	GRASHIRE (POWELL) LAKE	4	5	9.1	212	0	0
37/1	TOOLIBIN LAKE	1	1	2.0	3	0	0
38/2	BOKAN LAKE	3	3	13.6	134	0	0
39/1	1815 LAKE	1	2	7.7	1015	0	0
40/2	WHITE WATER LAKE	3	4	26.7	2880	0	0
43/1	HEARS LAKE	5	10	55.6	5200	0	0
46/1	CAMPION MAIN LAKE	1	1	7.7	4	0	0
46/2	BROWN LAKE (CAMPION WETLANDS)	1	1	9.1	1	0	0
46/3	CAMPION MIDDLE LAKE	1	3	37.5	2500	0	0
50/1	BRUCE ROCK-23686 NATURE RES.	1	1	50.0	2	0	0
58/1	BEVERLEY WESTERN LAKE	3	5	20.0	62	0	0
58/6	BEVERLEY LAKES AREA 6	2	2	25.0	2500	0	0
58/13	CHANNEL LAKE (BEVERLEY)	2	3	10.7	12	0	0
61/1	COOMELERRUP LAKE	1	1	27.8	1000	0	0
62/1	DUMBLEYUNG LAKE	5	5	20.0	6000	0	0
63/1	FLAGSLAFF LAKE	2	3	10.0	200	0	0
71/3	QUARBY LAKE	1	2	28.6	4500	0	0
72/1	GONDARANG LAKE	2	2	22.2	25	0	0
79/1	COYRECUP LAKE	2	2	7.7	50	0	0
81/3	CHINCUP LAKE	1	1	100.0	2000	0	0
81/6	LAKE GRACE NORTH	1	1	100.0	12000	0	0
86/1	WHITE LAKE (NARROGIN)	2	3	42.9	1700	0	0
87/1	LITTLE WHITE LAKE	2	2	28.6	125	0	0
91/1	CARL LAKE	1	1	33.3	150	0	0
92/1	BALICUP LAKE	1	1	100.0	2824	0	0
95/1	ANDERSON LAKE	1	2	18.2	30	0	0
101/1	KNORNICUP LAKE	2	4	23.5	7000	0	0
103/1	JEDARJUP SWAN LAKE	1	1	33.3	300	0	0
103/2	JEDARJUP 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	1	1	20.0	186	0	0
127/1	YERRARRINING LAKE	2	2	14	14	0	0
139/1	NINAN LAKE	6	6	3000	3000	0	0
140/1	HUNT MARSHALL 26087 LAKE	1	1	3	3	0	0
145/1	RAVENSTHORPE 31424 EAST LAKE	1	1	100	100	0	0
153/1	CRACKERS SWAMP	1	1	2	2	0	0
153/6	NAMING LAKE	1	1	12	12	0	0

RADU SURVEY OF WATERBIRDS, CONDENSED REPORT BY SPECIES.

147. BANDED STILT

WETLAND CODE	WETLAND NAME	NO. OF YEARS RECORDED	NO. OF SURVEYS IN WHICH RECORDED	REPORTING RATE (P.C.)	HIGHEST NO. COUNTED IN ANY SURVEY	NO. OF YEARS IN WHICH FOUND BREEDING	NO. OF SURVEYS IN WHICH FOUND PRECEDING
1727/1	UNICUP LAKE	2	2	7.1	6	0	0
1767/2	BYENUP LAGOON	2	2	4.4	160	0	0
1837/1	NORTH YARRA YARRA LAKE	2	2	100.0	10	0	0
1837/2	YARRA-YARRA ROBBISH LAKE	1	1	20.0	50	0	0
1837/3	YARRA-YARRA POND 1	1	1	50.0	1	0	0
1867/1	CAPARAURA LAKE	2	2	28.6	150	0	0
1897/1	SHASTER LAKE	1	1	14.3	100	0	0
1897/3	PARRUP CENTRAL LAKE	1	1	100.0	1500	0	0
2047/2	WREATHFIELD LAKE	1	1	3.0	19	0	0
2047/5	WOODY LAKE	1	1	3.4	1000	0	0
2047/8	WINDABOUT LAKE	2	2	19.2	1	0	0
2047/9	KACERHOUSE LAKE (HARDEN W/L)	2	2	15.4	1	0	0
2047/10	HARDEN LAKE	6	15	42.9	10000	0	0
2067/1	STATION LAKE	3	12	27.9	2000	0	0
2067/3	HULLEY LAKE	4	7	23.3	2000	0	0
2067/4	EWANS LAKE	2	2	6.9	200	0	0
2087/1	GORE LAKE	7	33	68.8	20000	0	0
2227/1	HARDEN LAKE	2	3	11.5	28	0	0
2297/1	VASSE-WONNERUP ESTUARY	6	19	22.1	226	0	0
2307/1	BENGER SWAMP	2	4	4.1	76	0	0
2317/1	ALFRED COVE MARSHES (SWAN EST)	2	14	4.8	12	1	1
2487/1	HINDS LAKE	2	20	27.8	8000	0	0
3517/1	HARBON LAKE	2	2	2.6	8	0	0
3517/2	NARBUNG LAKE	1	1	2.6	20	0	0
3517/3	HONGALA LAKE	3	3	6.8	33	0	0
3537/1	MULARLY LAKE	4	4	14.3	230	0	0
3547/1	GIJON LAKE	4	9	47.4	5000	0	0
3547/2	KUBITCH LAKE	2	2	11.8	12500	0	0
3567/1	HOOBIAKUP NORTH-WEST SWAMP	1	2	8.3	141	0	0
3987/1	GURAGA LAKE	1	11	34.4	800	0	0
4057/1	BEERMULLAH LAKE	1	1	20.0	38	0	0
4117/1	CARDIMOND LAKE	1	2	25.0	4	0	0
4137/1	CLAREMONT LAKE	1	2	8.0	20	0	0
4147/1	CLIFTON LAKE	3	6	30.0	750	0	0
4177/1	COOSEE LAKE (COCKBURN)	2	5	71.4	338	0	0
4197/1	GULHAN INLET	1	1	50.0	5000	0	0
4207/1	BREW LAKE	1	1	16.7	3	0	0
4277/1	GOERUP LAKE	2	3	30.0	514	0	0
4297/1	GORDON INLET	1	1	33.3	7	0	0
4337/1	MANNING LAKE	1	3	6.7	3	0	0
4417/1	816 BOOTIE LAKE	1	1	14.3	1	0	0
4427/1	MURRAY'S SWAMP (BEVERLEY)	1	1	25.0	3	0	0
4557/1	SAIDE LAKE	1	1	8.3	180	0	0
4567/1	AMAKILU POOLS	2	2	66.7	221	0	0
4577/1	INDOON LAKE	1	1	25.0	300	0	0
4627/1	WILSON INLET	1	1	25.0	532	0	0
4657/1	VANGEBUP LAKE	2	2	6.1	48	0	0
4667/1	YEALERING LAKE	2	3	50.0	68	0	0
4677/1	YELLUP LAKE	1	1	16.7	1	0	0
4867/1	MARGINTUP LAKE (WANNERUP)	1	1	50.0	15	0	0
4907/1	HERDSMAN LAKE	1	1	4.3	5	0	0
4937/1	BIBRA LAKE	1	1	6.7	1	0	0

88

RADU SURVEY OF WATERBIRDS. CONDENSED REPORT BY SPECIES.

20 JUN 89

PAGE 3

147 BANDED STILT

WETLAND CODE	WETLAND NAME	NO. OF YEARS RECORDED		REPORTING RATE (P.C.)	HIGHEST NO. COUNTED IN ANY SURVEY		NO. OF YEARS IN WHICH FOUND		NO. OF SURVEYS IN WHICH FOUND	BREEDING
		RECORDED	IN WHICH		ANY SURVEY	BREEDING	BREEDING	IN WHICH FOUND		
501/1	KING RIVER MOUTH (SHELL BAY)	1	1	100.0	141	0	0	0	0	0
526/1	PRESTON LAKE	1	1	100.0	160	0	0	0	0	0
527/1	HORTIJINUP LAKES	1	1	16.7	20	0	0	0	0	0
532/1	GREENOUGH ESTUARY	1	1	50.0	22	0	0	0	0	0
545/1	CLARKES LAKES A + B	1	1	50.0	10	0	0	0	0	0
557/1	BULLINGARRA LAKE (WANNAMAL)	1	1	50.0	61	0	0	0	0	0
558/1	HURSTVIEW LAKE (GURAGA E)	1	1	16.7	15	0	0	0	0	0
567/1	FOOTBALL LAKE (WANNAMAL)	1	1	50.0	7	0	0	0	0	0
568/1	KAMARAH SWAMP (WANNAMAL)	1	1	100.0	288	0	0	0	0	0
584/1	BOONERDALE WEST LAKES	1	1	50.0	82	0	0	0	0	0
601/1	OLDFIELD ESTUARY	1	1	100.0	3000	0	0	0	0	0
606/1	COOCCUNGOUP LAKE	1	2	66.7	150	0	0	0	0	0
607/1	GHEUP LAKE	1	1	100.0	1	0	0	0	0	0
609/1	GLEN AVON DAM	1	1	20.0	1	0	0	0	0	0

WATERBIRDS LAKES 147 BANDED STILT
Lake built & lived

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

Copy

23/8/95

TO: GRANT PEARSON

BANDED STILT MONITORING

Monday's air survey by Andy Chaoman showed that Lake Marmion will be dry in a week or so and Ballard 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:

- * 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 (53 100)~~

~~Lake King (30 000)~~

* Lake Gore (20 000)

~~Shark Bay (14 500)~~

~~Lake Grace North (12 000)~~

~~Walyormouring lake (10 700)~~

* Lake Warden (10 000)

* Peel Inlet (9 000)

Lake Hinds (8 000) dry

Lake Kwoornicup (7 000)

~~Lake Dumbleyung (6 000)~~

Lake Mears (5 200) dry

Culham Inlet (5 000)

Gidon wetlands (Esperance)

Lake Quarbing (Wagin) (4 500)

Nambling (nearby lake) (3 000)

Lake Ninan (3 000)

too remote?

rarely has water/stilts?

ask MooP researcher?

too remote?

too remote?

Esperance resident?

we are doing (Creery)

ask Andy Chapman?

Lake Dourin?

Alan Clarke 27/8/96

Wongon Hills

MT Barker

Dry

Norwegian

Colm

BH

Kotanning

Wongon Hills

DEPARTMENT OF CONSERVATION AND LAND MANAGEMENT

Form CLM 800

48

- Oldfield Estuary (3 000)
- White Water L (Yealering) (2 900)
- Balicup Lake (2 800)
- Wilsons Inlet (2 500)

munglinup

no rookin lake yoking dry

Alan Clarke

27/5/96

ask Denmark resident?

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

- * P. Hedland or Dampier saltworks
- * Rottnest Island
- * Vasse Wonnerup

ask Mike Bamford which & who might do
ask Denis Saunders or Perry de Rebeira who might do
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.

[Signature]
Jim Lane
23/8/95

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