

Jim Lane's Field Notebooks Index Contd.

(Revised Index of 11/5/2014)

<u>PDF Name</u>	<u>Book Label</u>	<u>Approx. Span of Dates</u>
JL_(1970-84)_17A	1980-81	(01-12-80 / 15-11-81)
JL_(1970-84)_18	1982-83	(13-03-82 / 18-03-83)
JL_(1970-84)_19	1984	(15-03-84 / 16-03-84)
JL_(1970-84)_20	1984	(20-09-84 / 10-10-84)
JL_(1992 on)_1	1	(03-11-92 / 03-08-93)
JL_(1992 on)_2	2	(04-08-93 / 18-09-93)
JL_(1992 on)_3	3	(18-09-93 / 26-10-93)
JL_(1992 on)_4	4	(27-10-93 / Dec-93)
JL_(1992 on)_5	5	(14-12-93 / 22-12-93)
JL_(1992 on)_6	6	(23-12-93 / 06-01-94)
JL_(1992 on)_7	7	(18-01-94 / 18-03-94)
JL_(1992 on)_8	8	(21-05-94 / 08-07-94)
JL_(1992 on)_9	9	⁰⁸ (03 -07-94 / 02-09-94)
JL_(1992 on)_10	10	(02-09-94 / 17-11-94)
JL_(1992 on)_11	11	(22-11-94 / 9-03-95)
JL_(1992 on)_12	12	Jan 95 + (15-03-95 / 01-04-95)
JL_(1992 on)_13	13	(02-04-95 / 07-04-95)
JL_(1992 on)_14	14	(07-04-95 / 29-04-95)

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<u>PDF Name</u>	<u>Book Label</u>	<u>Approx. Span of Dates</u>
JL_(1992 on)_15	15	(29-04-95 / 17-05-95)
JL_(1992 on)_16	16	(18-05-95 / 18-12-95)
JL_(1992 on)_16A	16A	(08-11-95 / 11-11-95)
JL_(1992 on)_17	17	(21-12-95 / 19-06-96)
JL_(1992 on)_18	18	(19-06-96 / 03-08-96)
JL_(1992 on)_19	19	(23-09-96 / Mar 97)
JL_(1992 on)_20	20	(Mar 97 / Apr 97)
JL_(1992 on)_21	21	(16-04-97 / 12-06-97)
JL_(1992 on)_22	22	(12-06-97 / Oct 97)
JL_(1992 on)_23	23	(Oct 97 / Dec 97)
JL_(1992 on)_24	24	(Dec 97 / Jan 98)
JL_(1992 on)_25	25	(10-01-98 / 22-01-98)
JL_(1992 on)_26	26	(22-01-98 / 13-02-98)

TO BE CONTINUED

Jim Lane's Field Notebooks Index

(Revised Index of 11/5/2014)

<u>PDF Name</u>	<u>Book Label</u>	<u>Approx. Span of Dates</u>
JL_(1969-70)_1	'1969-70'	(Nov 70 / Jan 70)
JL_(1970-84)_1	1970-71	(6-12-70 / 17-2-71)
JL_(1970-84)_2	1971	(08-03-71 / 21/01/72)
JL_(1970-84)_3	1972/73	(24-01-72 / 15-02-73)
JL_(1970-84)_4	1973	(05-03-73 / 15-11-73)
JL_(1970-84)_5	1973-74	(12-04-73 / 11-06-74)
JL_(1970-84)_6	1973-74	(03-12-73 / 28-03-74)
JL_(1970-84)_7	1974-76	(03-05-74 / 24-10-75)
JL_(1970-84)_8	1974	(26-05-74 / 18-11-74)
JL_(1970-84)_9	1974-76	(28-08-74 / 02-10-76)
JL_(1970-84)_10	1974-76	(21-12-74 / 25-01-75)
JL_(1970-84)_11	1976	(25-10-76 / 27-11-76)
JL_(1970-84)_12	1977-78	(16-10-77 / 21-03-78)
JL_(1970-84)_13	1977-78	(24-10-77 / 19-04-78)
JL_(1970-84)_14	Oct 78-Apr 79	(06-10-78 / 14-04-79)
JL_(1970-84)_15	1979 (Apr-Sep)	(16-04-79 / 19-09-79)
JL_(1970-84)_16	1979-80	(26-09-79 / 23-05-80)
JL_(1970-84)_17	1980	(14-05-80 / 07-11-80)

pass for security

No 14



NOTE BOOK

No. 561

J. Lane (09) 4055 100

7 April 95 → 29 April 95

Lake Belland Contd

(1)

Fri 7 April 95 contd

taking photos of Best breeding
island NO 2 (Lake Belland) from
W end of Camp Island at 6.46 am
- waiting for gaps in cloud.

Temp last night ^(6/4) was 19.3°C
at 8.10 pm.

Temp at 0900 (on 7/4) is
 15.9°C . Overcast, moderate
E still blowing.

0920 Gull 210 (?) flew
past @ 500' in E direction

2

(2)

Lake Bellard Contd.7/4/95 contd.

- 1 parent closely associated, productive - 2nd bird loosely associated - indifferent - not productive
- broods mostly 3 some 4.
- many songs - straggles check legs collectively frequently
- parent (productive) waits for straggles to catch up
- brood produce a water (singing) if necessary.

Adulter - seen during eggs

- Raptor ("sparrowhawk") circled near wharf & flew over ground 11:20 am (photo - 500 m)

Lake Baller Creek

Fri 7/4/95 Contd

(3) 3

Events to Do at Baller

1. Take water samples

- schmutz - top & bottom
- Total P - top - unskinned
- ppt - top

Do at standard location

and next to ^{any} bird shot (schmutz
& Total P, top only)

2. Download depth data if convenient

3. Survey Crossover Lake (5pm → 6pm)

each day for presence of hatched young
Monitor ~~rest~~ contents if time permits.

4. Mega samples.

4 (4)

Lake Ballard Control

Fri 7/4/95 Control

5. Shoot ⁵ ~~to~~ adults feeding with chicks and their chicks and keep oesophageal contents. Measure bill length of each (numbered) chick (for age). Sex the single ~~adult~~ adult ~~the~~ most closely associated with the chicks.

6. Stockpile gear - don't leave boxes or leg flags - take to Perth

7. Take water samples (Sub, Total P, top only) next to short baron and do standard invertebrate sweeps ^(top only) at each standing site.

8. Do standard invertebrate sweeps (same mesh size) at standard location

Lake Ballard Contd.

(5) 5
Fri 7/4/95 Contd.

(Long Island).

9. Look along / note if ducks
(+ ducks?) drink (re activity)

10. Record signs of broods and
crecks ~~spontaneously~~.

11. Better to have data of date
on a few than a little data
over a lot of issues.

12. ~~Ducks~~

~~Yellow~~ ~~see~~

~~veg.~~

~~predators~~

6 (6)

Lake Ballard Contd

Fri 7/4/95 Contd

Redwood Traffic Fri 7/4

- Out - Grant at for hours
- planning next trip + boundary in
3 weeks
- need $\frac{1}{2}$ jerry can fuel.

* Tom Short re GWN
Robert P.

Me - take fuel
water jerry can
for Grant to refill.

Lake Ballard Contd

Fri 7/4/85 Contd

(7) 7

ME TO DO FRI 7/4

1. Take egg clutches (need ~~boxes~~ cartons & tissue paper)
2. Fuel & water jugs to Kel
3. Pack my gear
4. Deylla → 2nd colony
5. 2nd colony photos etc
6. 1st colony " "
7. Eggs!
8. Pick up gear
9. Crosser Lake survey
10. → Kel
11. Thank Kel crew. Hospitality Inn.

8

⑧

Labre Ballard ContdFri 7/4/95 ContdMe to do Sat 8/4

1. Where is hammer picked?
2. shoes
3. green bin
4. briefcase Woodville
5. other? ~
6. Louise Angelt - house
7. from sled?
8. nail?
9. stuff at Vels?
10. presents for kids.

401 2823

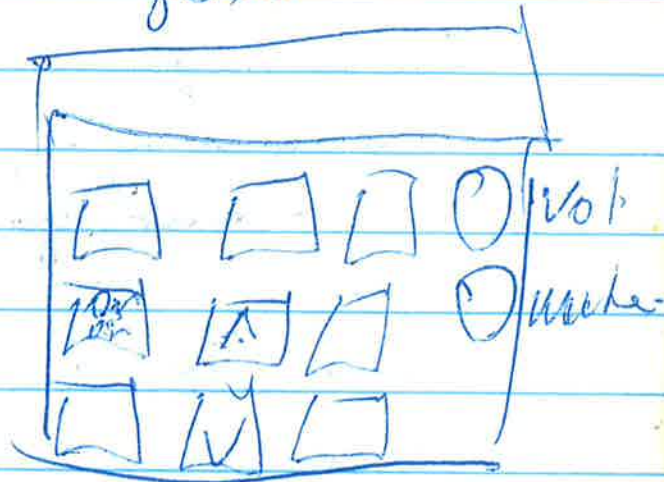
At

Kalgoorlie
Airport

Start Sat 8/4/95 9⁹

\$270

8070



~~\$1800~~

Change tap on whip
to 8070 if reception
is poor.

¹⁰ At Woodcock office

Sat 8/4/95 Contd

(10)

Dave Rell

Can be frozen

- legend may expand
+ break eggs

If not dead + juicy off
gasses.

- Andrew Horner

Bob Fitzgerald - 62 days
- 4 days/week.

Prok

David Cook

Now John Westland

Curtis Van.

\$389 1918 10 Leggett Netherland!

Each run is \$60 → \$100

a day of 10-12 specimens

Woodstock Office Contd

Sat 8/4/85 ⁽¹¹⁾ Contd.

Secrecy Plan.

Give Phone No & Name
to parents - say Sunday
to come here
to pick up Monday.

at ^{Crabtree}
~~351 7375~~
or 389 1918.

Store at 4°C

12
12

Sat 8/4/95 contd

Outside Churchill
Photographic Laboratory

Sat 8/4/95 ¹³ 13

- ① = $< 2/4$
- ② = $2/4$ or $<$
- ③ = $2/4$ end
- ④ = $\geq 2/4$
- ⑤ = end $3/4$
- ⑥ = end $4/4$ new camera
- ⑦ = end $5/4$ " "
- ⑧ = end $5/4$ old "
- ⑨ = end $7/4$ old "
- ⑩ = early $7/4$ new "
- ⑪ = end $7/4$
- ⑫ = end $7/4$

1 → 10 are 100 ASA

11 → 12 are 200 ASA

Film Numbers

notation on list
of film containers

14
14

Sat 8/4/95 Lintel

midnight

At Folk's Place
7A Burlingame Rd

Sat 8/4/95 Cont'd ¹⁵

<u>Nest #</u>	<u>Egg</u>	<u>Length</u>	<u>Breadth</u>
1	1.1	57.0	40.4
	1.2	53.7	38.9
	1.3	56.5	40.2
2	2.1	56.9	38.5
	2.2	53.5	38.0
	2.3	56.6	38.2
	2.4	54.6	38.6
3	3.1	57.5	37.1
	3.2	56.3	37.8
	3.3	58.5	39.5
4	4.1	51.3	37.0
	4.2	55.1	37.5
	4.3	51.4	36.8
	4.4	49.6	36.8
	4.5	55.3	37.5

15 eggs

16
(16)

Sat 8/4/95 Lenth

Nest	Egg	Length	Breadth
5	5.1	55.7	37.5

5.2	57.0	39.4
-----	------	------

5.3	52.7	37.4
-----	------	------

5.4	52.9	40.2
-----	------	------

6	6.1	57.1	39.3
---	-----	------	------

6.2	53.4	37.6
-----	------	------

6.3	54.0	36.5
-----	------	------

7	7.1	56.4	39.2
---	-----	------	------

7.2	54.2	38.2
-----	------	------

7.3	54.6	38.3
-----	------	------

7.4	54.9	38.2
-----	------	------

7.5	53.5	36.8
-----	------	------

8	8.1	54.6	37.6
---	-----	------	------

8.2	54.8	38.3
-----	------	------

8.3	54.9	37.4
-----	------	------

8.4	54.8	36.8
-----	------	------

8.5	51.7	37.3
-----	------	------

(7 eggs)

Sat 8/4/95 (17) 17 cont'd

<u>Nest</u>	<u>Egg</u>	<u>Length</u>	<u>Breadth</u>
9	9.1	55.5	37.4
	9.2	56.4	38.7
	9.3	54.8	39.1

<u>egg</u>	<u>Length</u>	<u>Breadth</u>
6.4	56.9	38.4

Plot 6

1.1 1.2 1.3
0 0 0
0 0 0 0
2.1 2.2 2.3 2.4

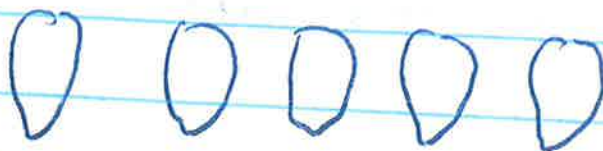
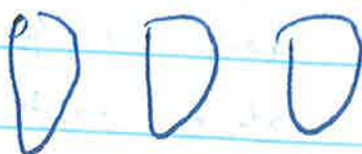
Sat 8/4/95 Contd

Plate 7

3.1

3.2

3.3



4.1

4.2

4.3

4.4

4.5

Plate 8

5.1

5.2

5.3

5.4



6.1

6.2

6.3

6.4

Plate 9

7.1

7.2

7.3

7.4

7.5



8.1

8.2

8.3

8.4

8.5



19
Sat 8/4/95

Plate 10 -

9.1

9.2

9.3



20
(20)

Sat 8/4/95 Contd

Sat 8 April 95

Dep jerry at Island Pt
needs + 0.37 m STD
at 4.32 pm.

Ring Pat Milton
on

035894901

with following message:

- were trying to phone cell
- could she switch jsc

off ~~from~~ from was till 2pm

Start 10/4/85 ⁽²¹⁾ 21

Mon 10 April 85

1100 hrs — plot of 50-60
Sketches flow in to drain
at small (10 m diam) presumably
fresh, pond in low bare
mud (dry) area between old
Egyptian Street house site and
Vase Est. (to the east.)

1115 Photos ? → 19 (60 ASA) of
Vase Est. fledgelets

Vase Est fledgelets range need
~~10.07~~ + 0.06 m AWD at
1115 hrs

two fledgelets climb green + water
plowing in from green at green rock

22
(22)

Mon 10/4/95 Lonk

Winning Est floodgate at 1130
has - all flaps closed &
boards in but water backing
in to estuary at Jacob's neck
Gauge read - 0.24 m
AHD (estimated)

Inset

Sun 9/4/95 - Signa Full
Tide at 139489 km.

Old route

= 14.60 k

(Anchor #) (23) 23

TO DO

Ring Vess.

~~After~~

TUES. 11/4 meeting 2pm. (Worst) ✓

- Woodside - send bottles up
Donner 10' 84, Ind.
- boat, outboard, etc.
- Churchville - pick up / deliver ✓
- John Westcott ✓
- Andy Chapman ✓
- Yungy Lakes report to West ✓
- 12 arm stock ✓
- Calpis.
- Travellers after ✓

WED 12/4

Thrive + Wettersoil
Section.

Th. 13/4

24
(24)

Start Time 11/4/95

Vermont College → Street H.

Arriving

IF light flashing

4055 Enter 10 E.A.A.

4055 off 300 Enter

Leaving

4055 on your side
(15 sec)

15.2K

removed subject

removed from

from memory

yes still in control,

(25)

25

Tues 11/4/95 Contd.

- can't be quick

- much prefer blood -

long vein - tip of claw

- blood much easier

- spleen - frozen
strictly.

red cells

of 1/2 ml

- non clotted - heparin
or EDTA

- frozen blood.

- very low as 21st / 4.

(26)

Tues 11/4/95 contd

Brown
Jackson Brown "Stay a bit longer"

John Chambers + Arthur booklet
on riparian plants for
rehabilitated areas

Jan Potter - distribution of fish
in Don-Waipara region - 2 yrs.
LWVA funded

Start Thursday 13/4/95 (27)

Thurs 13/4

Ry had in Billard

Ry Bill P. 062500200

heir in Roger (Region)

Walter Investing of Minic complex.
—Sallymaly.

asking for
\$800k for whole volume funding
program → \$40k.

Inter-carot
Carmel Wally, 090 212677

Walter volume reqs for Minic res
→ Ben (Ag Dept)

Trends analysis of security data.

(28)

Th 13/4/95 Contd

Damen Ryder

(Edith Cowan)

09

4. Foundling

400 5555

Exhibit number

PERTH

- mat outside bedroom
- change action.
- from shed?
- box of refs from bank ✓
- ~~security~~ ~~to~~ ~~for~~ ~~great~~. ✓
- black belt from bank. ✓
- ABC ✓
- bottles + labels. ✓
- Mary Chapman.
- Shunt or 335 6751

Wed 19/4 - extra to do

- dice
- projector
- flowers
- ↑
- which hospital?

- cleaning
- washing
- cheques

Mon 8 May - (9th)

- Port Gregory meeting
- Bsg - 10-2 pm



Thursday

- washing powder
- cleaning
- food
- index

~~work~~
✓ ring Peter re 3.30 pm meeting.

✓ ring Ian Herford

3p -

hang for 5 mins
re stuff

2 pm Bsa.

30

PAPP

CHLOF

K. M. M.

31

Markus - party
9.30 - 6.00, 1.00

Rob Thomas — Th 27th + 28th

Andy — ~~Isle Man~~ ~~Isle Man~~ →

7

Island Pt gauge reads — 0.11 m
at 0950 on Fri 21/4/95

No wind — water movement is "south"
past Island Pt. Water moving is
faster than gust as I have previously
seen here

(32)

TO DO

- tell Allan that Stuart said yes
- travel claims
- Jeremy's last N° from Geneva
- fix Jit with our intentions.
- hepatitis
- take my fuel jerry's
- my spare keys
- take my outboard - over -
fuel tank - rollers -
anchor
- film
- batteries
- target
- vacuum packed meat.

Harvey Estuary

21/4/95 ⁽³³⁾ cont'd

Stn	Time	Depth	Sal	Temp
0	1035	0.1	> 42	18.3
↓		↓	↓	
		1.0	> 42	17.9

Water sample taken at ~~0.2 m~~ 0.2 m

1	1042	0.1	> 42	18.4
---	------	-----	------	------

↓	1043	0.2	> 42	18.4
---	------	-----	------	------

2	1057	0.1	> 42	18.2
---	------	-----	------	------

↓		0.3	> 42	18.4
---	--	-----	------	------

3	1103	0.1	> 42	18.2
---	------	-----	------	------

↓		↓	↓	
		1.3	> 42	17.3

Water sample taken at 0.2 m

4	1110	0.1	> 42	18.9
---	------	-----	------	------

↓		↓	↓	
		1.2	> 42	18.3

5	1115	0.1	> 42	18.4 18.4
---	------	-----	------	----------------------

↓		↓	↓	
		1.1	> 42	18.1

(34)

Harry Estuary

21/4/95
cloud

Sta	Time	Dykh	Sal	Temp
6	1123	0.1	>42	18.5
		2	2	
		0.7	>42	18.5
7	1129	0.1	>42	18.7
		2		
		0.5	>42	18.7

Wetlands to ~~Parson's~~ delta

Swans — 200

W. Swallow — 39

B. Shrike — 9

Greenland — 2

Plover — 50

Coot — 8

Sheldrake — ~~2~~ 61

Grey Teal — 3

PeOD — 4

Great Egret — 1

1140 hrs

Henry River

21/4/95 ³⁵ contd

Sta	Time	Depth	Sal	Temp.
0.0 km	1154	0.1	12.7	20.3
		0.2	37.8	20.6 v
		0.4	>42	20.7
		0.5	>42	20.7
		<u>0.1</u>	10 → 14	—

Photo of water mark on Mel + cloulder
Water level been approx 0.3m higher recently.

0.5 km	1209	0.1	6.1	19.5
		0.2	22 v	20.2
		0.4	40.7	20.2
		0.6	41.0	20.0
		0.8	"	"
	1213	0.1	7.1	19.5

(36)

Harvey River

21/4/95

Cont'd

Stn	Time	Depth	Sal	Temp
1.0 Km	1220	0.1	5.2	19.6
		0.2	5.9 5.9	19.7
		0.4	20.8	38.6
		0.6	21.0	38.6
		<u>0.1</u>	5.5	—
1.5 Km	1228	0.1	4.0	19.4
		0.2	4.3	"
		0.4	6.8 v	19.1
		0.6	36.3 v	20.7
		0.8	38.2	20.8
		1.0	39.0 40.0	20.9
	1233	<u>0.1</u>	4.1	

Herring River

21/4/95 (37)
contd

Stn	Time	Depth	Sal	Temp
hole at 1.8 km	1238	0.1	4.0	19.7
		0.2	4.5	19.3
		0.4	12.0v	19.4
		0.6	30.7	20.2
		0.8	39.4	20.8
		1.0	40.7	21.0
		1.2	41.3	21.0
		1.4	41.7	21.0
		1.6	(42.1)	21.0
		1.8	>42	"
		2.0	>42	21.2
		2.2	> ⁴² 42	21.5
2.0 km	1246	0.1	3.5	20.4
		0.2	3.8	20.1
		0.4	16.5v	19.7
		0.6	37.9	20.7

(38)

Henry River

21/4/95 cont'd

Sta	Time	Depth	Sal	Temp
2.0 km		0.8	40.5	20.9
cont'd	1250	1.0	41.3	21.0

B

Grey Teal — 1600

P. BD — 350

Clostr. Teal — 1

Sae I. — 5

Whistly Kite — 5

Swamp Hen — 1

imm W S Sea Eagle — 1

Coot — ~~100~~ 250

Swamp Lark — 1

Anst Grebe — 1

Anst Duck — 1 ♂ + 1 ♀

Little Black — hundreds moving

Little Red Cormorant — 2

Black Swan — 4

Henry River

21/4/95

(39)

Contd.

Shoveler — 1 ♂

Great Egret — 1

Darters — several

Stn	Time	Depth	Sal	Temp
hole at	1256	0.1	3.7	20.0
2.1 Km		0.2	"	"
		0.4	14.8 vv	19.7
		0.6	35.8 v	20.4
		0.8	39.3	20.6
		1.0	40.5	20.7
		1.2	41.1	21.0
		1.4	41.6	20.9
		1.6	41.8	21.0
		1.8	42.0	20.9
		2.0	42.0	20.8
		2.2	>42	20.9

(40)

Herring River

21/4/95 contd

Stn	Time	Depth	Sal	Temp
2.1 km		2.4	> 42	21.3
contd.		2.6	"	21.5
		2.8	"	22.1
	1302	2.9	"	22.0

hole	1305	0.1	3.4	20.5
at		0.2	3.4	20.4
2.3		0.4	16 vv	19.6
Km		0.6	37 39.3	20.4
		0.8	39.7	20.7
		1.0	41.0	20.8
		1.2	41.4	20.8
		1.4	41.5	"
		1.6	"	"
		1.8	"	"
	1310	2.0	"	"

~~2.3~~

Harvey River

21/4/95 Wed

(41)

Sta	Time	Depth	Sal	Temp
2.5 Km	1313	0.1	3.2	20.2
		0.2	3.5	20.1
		0.4	15 v	19.5
		0.6	39.4	20.5
		0.8	40.6	20.7
		1.0	41.0	20.8
		1.1	41.2	20.8
2.8 Km hole	1321	0.1	2.8	20.4
		0.2	3.0	"
		0.4	26 vv	20.2
		0.6	38.9	20.3
		0.8	40.1	20.5
		1.0	40.4	20.6
		1.2	40.6	"
		1.4	40.7	"
		1.6	"	"

(42)

Harvey River

21/4/95 contd

Stn	Time	Depth	Sal	Temp
2.8 km		1.8	40.7	20.6
contd.		2.0	"	"
		2.2	"	"
		2.4	41.2	21.0
		2.6	>42	21.6
	1327	2.8	>42	21.8
3.0 km	1328	0.1	2.7	20.6
		0.2	2.8	20.5
		0.4	29.2	20.4
		0.6	40.2	20.6
	1331	0.8	40.4	20.6
3.3 km	1335	0.1	2.0	20.5
hole		0.2	2.2	20.4
		0.4	"	"
		0.6	19.5	20.4
		0.8	35.4	20.3
		1.0	36.4	20.4

Harvey River

21/4/95 contd

43

Stn	Time	Depth	Sal	Temp
3.3 km		1.2	37.5	20.5
contd		1.4	37.9	20.6
		1.6	35.1	21.1
		1.8	39.5	21.2
		2.0	39.6	21.2
	1341	2.2	"	21.3
3.5	1343	0.1	1.6	20.6
K		0.2	"	19.9
		0.4	2.3	19.5
		0.6	17 vv	20.1
		0.8	34.3	20.0
		1.0	36.1	20.3
		1.2	37.7	21.0
	1347	1.4	38.2	21.3

~~1.6~~

(244)

Henry River

21/4/95 contd.

Sta	Time	Depth	Sal	Temp
4.0 km		0.1	1.2	19.2
		0.2	"	19.1
		0.4	"	18.8
		0.6	18.6	19.2
		0.8	35.4	19.5
		1.0	35.8	19.6
		1.2	36.2	19.9
		1.4	38.0	21.1
		1.6	39.5	21.7
		1.8	40.4	22.0
	1355	2.0	40.4	22.0
4.3 hole	1400	0.1	1.0	20.1
		0.2	"	"
		0.4	"	19.9
		0.6	1.4	18.6
		0.8	21.7	18.8
		1.0	32.0	19.6

Harvey River

21/4/95 ⁽⁴⁵⁾ Cont'd

Star	Time	Depth	Sal	Temp
		1.2	32.5	19.6
		1.4	35.1	21.1
		1.6	37.8	21.5
	1405	1.8	39.1	21.9

1.05 m from water surface
up to top of sphere post
at 1411 hrs.

Swings out at Mableton
at 4.5 km

4.5	1414	0.1	0.8	21.0
km		0.2	"	20.4
		0.4	"	20.0
	1416	0.6	"	19.5

(46)

Harvey River

21/4/95 cont'd

Stn	Time	Dpth	Sal	Temp
hole at 4.4 km 	1418	0.1	31.0	20.8
		0.2	"	20.4
		0.4	"	20.4
		0.6	"	19.9
		0.8	0.9	19.0
		1.0	0.8	18.4
		1.2	21.0	18.6
stream face on bank	1423	1.4	32.0	19.8
		1.6	32.3	20.3
hole at 4.4? km (blue type)		0.1		
		0.1	0.7	22.0
		0.3	"	21.5
		0.4	"	20.4
		0.6	"	19.2
		0.8	"	17.9
		1.0	"	17.7
" 14643 is about tag number		1.2	"	17.5

Harvey River

21/4/85 (47)
contd.

Stn	Time	Depth	Sal	Temp
contd		1.4	0.7	17.5
		1.6	"	"
	1432	1.8	"	"

1436	0.1	0.7	20.6
------	-----	-----	------

0.2	"
-----	---

0.4	20.8
-----	------

0.6	20.7
-----	------

0.8	19.5
-----	------

2
white
pegs
(opposite bank)
on left bank
band

changed position

1.0	0.7	19.5
-----	-----	------

1.2	"	19.4
-----	---	------

1.4	"	17.8
-----	---	------

1441	1.6	"	17.9
------	-----	---	------

(48)

Harvey River

21/4/85 contd.

Stn	Time	Depth	S.d.	Temp
right bank		0.1	0.7	21.4
from -		0.2		21.3
		0.4		20.8
white py in		0.6		20.4
right bank		0.8		20.7
blue lag in		1.0		20.5
left bank		1.2		17.9
4		1.4		17.5
Nº. 14685		1.6		17.6
(21)	1449	1.8	0.7	17.4

220				
Back to 1436-41 hrs hole				
		mg/l	%	°C
1453	0.1	11.4	126	20.4
	0.8	11.2	123	19.6
1458	1.6	9.6	102	17.6

Herring River

21/4/95 (49) contd.

Stn	Time	Depth	mg/l	%	°C
14643 over again	1501	0.1	11.7	135	21.3
		0.9	10.2	110	18.4
	1504	1.8	9.7	102	17.6

		Depth (m)	mg/l	%	°C
4.34	1510	0.1	12.6	140	20.1
hole		0.2	12.4	135	19.4
again				6	20.6
				4	21.8

Need
distances
of
missing
markers

4.04	1523	0.1		5	20.0
again		0.4	12.2	134	19.8
		1.0	0.8	13	19.6
	1535	2.0	0.3	4.6	22.1

Water sample taken at 0.2m for salinity

Herring River

21/4/95 (49) contd.

Sta	Time	Depth	mg/l	%	°C
24643 new again	1501	0.1	11.7	135	21.3
		0.9	10.2	110	18.4
	1504	1.8	9.7	102	17.6

		Depth (m)	mg/l	%	°C
4.34 hole again	1510	0.1	12.6	140	20.1
		0.6	12.4	135	19.4
		1.2	0.43	10 6	20.6
		1.8	0.43	5.4	21.8

(Salinity adjustment made to instrument)

4.0K again	1523	0.1	12.2	135	20.0
		0.4	12.2	134	19.8
		1.0	0.8	13	19.6
	1535	2.0	0.3	4.6	22.1

Water sample taken at 0.2m for salinity

(50)

Henry River + Estuary

21/4/95
contd

- 1 Rowden at approx
- 1 Mena Duct

~~Stop~~

Water sample taken 200 m
south of Island Pt at 1615 hrs.

Island Pt gauge
reads +0.06 m AHD
at 1623 hrs

Bands + leg flaps + glue
 we in shoulder bag at
 Teedema

Goldfields: fax or call to
 say who booked with + they
 will send you order number
 (on the rest on invoice).

M + C " " next week
 (~~agreed~~)
 towards end

Rusks put across to VHS +
 written stuff + sketchbook info.

(52)

Feb March

to air some time next year
(or Sept Oct this year)

Reverse charges — ring after
air survey with results.

ABR will give us a copy when
printed for our use
(any use except charging)

TO DO TUES 25/4

- sort papers
- sort jeans
- load vehicle
- Allen C. - name of air company?
 - tell ABC not with us.
- ANZAC Standing Order on 27/4?
 - papers?
 - Gavin Blackburn.

(231V) had ship -

(54)

TO DO WED 26/4 ~~extra~~

~~ask/good book/motion - tape~~

* ~~ring JH with name of air survey~~
~~company, Goldfields Air Service.~~

- medicine: ~~leave drug forms~~

- ~~book~~ ^{house} agent (Linn. M. L.H.)

- ~~do P. & J. pictures~~ ~~work in light~~

- ~~do Gary survey~~

- ~~vehicle log + receipts~~

- ~~Tengrens - Gower St.~~

- Fibre (LSD ASA) + process ^{in J. Lane} 4/95

- ~~AV2 but (Visit)~~

* ~~glass bottles~~

- ~~retire 20 min~~ X

~~meat~~
~~rent~~

- ~~Dec 11/12 for rent~~

- ~~extra sleeping bags~~

- ~~notify Kat~~ ✓

* ~~back Hampden~~

- postcard to Vero + kids

- ~~fill my notebook~~

- sunscreen

- Read Corvett's list

55

TO DO THINGS 27/4

- ~~maps + photos for survey~~

- ~~air survey at 0730~~

- ~~type possible~~

- ~~map it with results~~

- ~~logbook~~

- ~~mail sent to Ben~~

- ~~stage + time for next week~~

- ~~felt pens~~

- ~~organise papers~~

- ~~Allen today - must be~~

- ~~forced~~
- ~~Ring Chris - can someone design a poster for the survey?~~
- ~~results of the survey~~

- ~~pay Allen for food~~

- ~~organise maps sheets (June/Sept)~~

- ~~Reynold's~~

- log book

- Ring John Finlayson
- Teedemier

- ~~buy film~~

- ~~notebook~~

Boundary I.
(Peck Inlet)

(56)

Start Wed 26/4/55

Left Bsn at 0550 hrs.

Full tank at BP Nello Head (was empty)
= 112.8 litres

(~~approx~~ odometer reading was 1857 km)

Boatied to Boundary I. to
check pelican nesting.

On eastern shoreline there
were 200 (counted) ~~mostly~~ mainly
3/4 → fully fledged ~~by~~ young
(short beaks). Also 10 highly
colonised (pouches) adults together
in shallows. Also 10-20
other F/F ("adults"), scattered ~~flown~~
chicks.

Bombley I.
(Peck Inlet)

~~26/4/95~~

26/4/95 Contd

(57)

slowly

At 0844 I moved in on the nesting colony (now well down the slope on the SE side and among the deep green soft "grass/sedge".

Estimated 30 adults sitting.

Pushed them off and did total count of nests. There were 22 nests

with 2 eggs (1 I kept was warm)

and 18 with 1 egg = total of 40.

nests with eggs. No very

young chicks. Only approx 5

~~with~~ eggs not in nests (ie "abandoned"). Most

away from nests at 0854 hrs

(had only disturbed the birds for 2-3 mins)

and by 0857 hrs 55 petrels had flown back to the nests.

Bonday I. (Peel Inlet)

Dec 26/4/85 Contd

(58)

Note that ~~25~~ ²⁵ eggs ~~1/2~~ ^{1/2} fledged
young walked from resting area
to SE shore as I approached
and as I walked thru the
rest area another 10 $\frac{1}{4}$ fledged
young left the rest area for
the E shoreline.

⇒ Total chicks equals

200 $\frac{3}{4}$ → fully fledged

25 $\frac{1}{2}$ fledged

10 $\frac{1}{4}$ fledged

235 "chicks"

(previous)
all of the most recent resting
effort.

Back to vehicle, loaded & finished
these notes at 0946 hrs.

Wed 26/4/95 ⁽⁵⁹⁾ contd

1000 hrs

Crook Lagoon

Black Swans - 42

Shelducks - 9

Greenshanks - 2

7+ White-necked Swallows hovering over
shallow water on NE side of Lagoon

Yb Spurbill - 8 roosting on
NW shoreline

Coast Finch - 2

Little Egret - 1

adjacent to
In flooded pool NW side of lagoon

Yb Spurbill - 14

Scaup - 3

Little Egret - 6

Wf Wren - 1

end see
next
page

(60)

Wed 26/4/95 Contd

Roosting on W end of island in W channel of Lagoon.

Yb Spotted - 54

Little Egret - 2

add to Greeny Lagoon total.

Faint 1019 hrs.

Left Woodvale at approx 2.00 - 2.30 pm

Arrived at Houghton at 10.10 pm.

Air Survey of
Lake Barlee
and Bellard

Start Th 27/4/81

(61)

Had breakfast at Hospitality Inn with Alan C. at
0700. Checked out. Alan dropped me
at airport (Goldfields Air Services) at 0750 hrs.

Took off at 0808 hrs and
headed for Lake Barlee at 6400 ft.
Barlee

S of Ward Spring the lake bed is
approx 50% covered by water - probably

(Lake beds from 40% covered - moving
along W side).

Crossed the E shore of the lake at 0901
hrs, just N of Ward Springs.

1650' 1400 ft.

Air Survey Contd

Th 27/4/85 contd

(62)

"Gunter Isle"

50m?



$29^{\circ} 07' 77''$ S

$119^{\circ} 33' 42''$ E

finish
at 0947 hrs

Photos 2-7 (64ASA) of west side

Coast E. side of Beake & L
0951 hrs → Ballend.

Reached west shore of Lake Ballend
at 1010 hrs.

1026 Temp T.

1044 Turned W end.

1103 reach E end + head for Kelg.

Kalgowlee

27/4/95 63 Contd

Landed at Kalgowlee airport
at 11.34 hrs.
Mike Stevens.

$$\begin{aligned} & \text{3.4 hrs} \times \$305/\text{hr.} \\ & = \$1037 \\ & \quad + 12 \text{ c } 6 \\ & \quad \# \underline{1049} \end{aligned}$$

Rob Thomas - ~~Planning~~ ^{Communications} Officer

Set - 2nd Island bird #s ? TO
ring strong home on water depth. DO
Sun work.

(64)
Lake Ballard

Th 27/4/85 Contd

Summary of Plans 27/4/85

Left ~~the~~ Hospitality Inn at 07.38 hrs.
Alan changed me at airport at
07.50 hrs and he went shopping for
gear/food.

I did Lake Butler + Lake Ballard surveys
from 0808 → 1134 hrs in Cessna
210. Opened windows for photos.

Pilot flew too fast (landing gear warning
beeper came on at 100 kts).

I caught Lexi to CWS office, made
phone calls, Alan joined me for final
shopping. Left Kat in my van & banner
at 1350 hrs. Met Rob Thomas (CWS) on
road before Mungah. He followed us to Teedanga,
packed up gear, drove to Crookwell Lake, off
gear over in 2 loads. Reached Lake Butler approx
1900 hrs. Boated over to Camp I. in gitch
electronics & light rain. Had moved all gear
by 8.30 pm. Had dinner. Bed around 10 pm.
Raining! - started when we left Teedanga Hotel.

(64)
Lake Ballard

Th 27/4/85 Contd.

Summary of Events 27/4/85

Left ~~the~~ Hospitality Inn at 0738 hrs.
Alan dropped me at airport at
0750 hrs and he went shopping for
gear/food.

I did Lake Butler & Lake Ballard surveys
from 0808 → 1134 hrs in Cessna
210. Opened windows for photos.

Pilot flew too fast (landing gear warning
beeper came on at 100 kts).

I caught Lexi to CWSA office, made
phone calls, Alan joined me for fruit
shopping. Left Kat in my new 4 runner
at 1350 hrs. Met Rob Thomas (CWSA) on
road before Manjira. He followed us to Treadanga,
packed up gear, drove to Crosser Lake, off
gear over in 2 boats. Reached Lake Butler approx
1900 hrs. Boated over to Camp I. in pitch
darkness & light rain. Had moved all gear
by 8.30 pm. Had dinner. Bed around 10 pm.
Raining! - started when we left Treadanga Hotel.

Lebe Batter

Start Fri 28/4/85

Got up at 0630 hrs - breakfast - organised camp a little better.

0830 - ~~0845~~ 0915 hrs : had Allen Clarke take water samples (mainly top & bottom, Total P top) and measure pH (top) and water temp (top & bottom) at

put Yellow flag on left tibia

composite
stake

put metal band on right tibia

100 gm presole

weighing cones

wing ruler

camera

✓

banding pliers

✓

bands

✓

Plugs

✓

glue -

✓

calipers

✓

band removal pliers -

✓

Also had him collect 3 x 50 m
invertebrate sways (top 20 cm) and
measure water depth at stake (sharp stick)

Lebe Ballard

(65)
Start Fri 28/4/95

Got up at 0630 hrs - breakfast - organised camp a little better.

0830 - ~~0845~~ 0915 hrs: had Allen Clarke take

water samples (mainly top & bottom, Total P top) and

measure pH (top) and water temp (top & bottom) at

put Yellow flag on left tibin

composite
site

put metal band on right tibin

100 gm presole

weighing cones

wing ruler

camera

✓

banding pliers

✓

bands

✓

Plugs

✓

glue -

✓

Calypso -

✓

band removal pliers -

✓

Also had him collect 3 x 50 m

invertebrate swarms (top 20 cm) and

measure water depth at site (sharpick)

(66)

28/4/85 Combs

Made lunches, we got into 2 points
and boated to first breeding
island. No Bats in this
area at all. (We did see)

2 x 2 Anvets on nearby shoreline
1 ♂ Red-eyed Plover at edge
of breeding island.

Leave at 1100 hrs and boated
to west to

Breeding
D2nd Island - arrive 1120 hrs.

- Chicks being brooded ~~on~~ on nests at
E end of island
- 1 adult led 3 chicks to water
- 2 chicks walking up! onto island

28/4/95 Contd

(67)

SLIDED WITH ROSENK 0800 hrs
on Saturday 28/4

- 1 adult with 2 chicks (dropped
2x adult height)
- 1 with 2
- 1 with 5
- 1 with 2, slowly, stopping to preen at
times
- 1 with 5
- 1 with 2 - adult flew down, short
call then 2 jumped over of the 2
others
- 1 with 3, stopped at "cliff" then
walked them to slope on W end.
- 1 with 3 off slope
- 1 with 2 " "

1155 hrs light sprinkling rain & E wind

(68)

28/8/95 Contd

- 1 with 2, went to "cliff" and then
into water ~~from~~ down slope
- 1 with 1 down slope
- 1 with 2 " "
- 1 with 2 " "
- 1 with 2 " "

1223 hrs.

- 1 adult came down to water to
rest, 1 chick ~~by~~ followed it,
parent returned to colony and
waited for chick to join it
and follow it back into nest when
- 1 took 3 down slope to water edge
then straight back up to nest and
another & 1 with 3 also went up
immediately after (maybe due to light
now recommencing?)

28/4/95 Contd. (69)

— 1 with 1 came down slope

— 1 with 2 " " "

2.15 pm

— 1 with 2 jumped off cliff

3.28 pm

4.34 Penguin Fellow took chick
on 3rd or 4th pass

drinking, off roosting, bringing (2+3), regurg.
washing, submiss.

Summary of Fri 28/4/95

See first pages of 28/4 for early
morning.

At 0930 hrs I radio checked with
Woodhole & conveyed to radio check
at 0800 on Sat 29/4.

(70)

28/4/95 Comdk

Alan & Rob Thomas made sandwiches while I rest & sketch. Then

We put our gear in the 12' and 10' punts (8hp outboards on each) and boated to the first breeding island.

No Skink here. I explained

to Alan & Rob about the breeding activity & nest situation. We walked around the island at the

edge of the nests, avoiding "ghosts". Note that the pen markings on the 31 (?)

individually marked nests had ~~completely~~ ^{every} faded on both sides. ~~the~~ [^]

At 1100 hrs we left this island and boated (2 boats) down to the viewing island just ~~the~~

(70)

28/4/95 Cont'd

Alan & Rob Thomas made sandwiches while I radio checked. Then we put our gear in the 12' and 10' punts (8hp outboards on each) and boated to the first breeding island. No Skink here. I explained to Alan & Rob about the breeding activity & nest studies. We walked around the island at the edge of the nests, avoiding "ghosts". Note that the pen markings on the 31 (?) individually marked nests had completely faded ^{every} on both sides. ~~the~~

At 1100 hrs we left this island and boated (2 boats) down to the visiting island just ~~the~~

(71)
28/4/95 contd

E of the 2nd breeding island.

~~At~~ Note that we didn't encounter any Desert chicks until ~~after we had seen~~ we were within c 300 m of the 2nd breeding island. These were in family parties (approx 5-10).

At the viewing island we sat with binoculars and telescope and observed nesting colony. We observed family parties leaving the island and decided our time was best spent counting these family parties + the number of chicks (+ adults) in each. See previous pages for count data.

Note that the morning had been fine with a light E

(71)
28/4/95 contd

E of the 2nd breeding island.

~~We~~ Note that we didn't encounter any Desert chicks until ~~the~~ ~~we~~ ~~had~~ ~~the~~ we were within c 300m of the 2nd breeding island. These were in family parties (approx 5-10).

At the viewing island we sat with binoculars and telescope and observed nesting colony. We observed family parties during the island and decided our time was best spent counting these family parties + the number of chicks (+ adults) in each. See previous pages for count data.

Note that the morning had been fine with a light E

28/4/85 Contd

wind + some cloud. The cloud
to the north of us looked increasingly
threatening (rain) as the morning
progressed.

At about 1150 hrs light
sprinkling rain started. We
had our sandwiches at approx
1230 hrs and the rain set
in. About 1.00 hrs we were getting wet
+ cold and Rob was concerned
that to Tiedema's may become impossible.
At approx ~~1.30~~ 1.00 pm
I sent them back to Camp
Island and then to Crossover Lake -
then to check it for waterbirds
young and Rob Thomas to get in
his vehicle and drive back to
Wageningen to join his family.

(73)
28/4/85 Contd

I stayed on viewing island and the rain increased and was continuous. From 12.30 pm

all I left at 1640 pm only 2 fairy terns left the island (for the first time). This was no doubt due to the almost continuous rain and heavy cloud and moderate (occ. strong) E wind. (The 2 fairy terns that left did so when the ~~rain~~ ~~was~~ ~~light~~

stop rain passed on was very light. When the rain was

reasonably heavy there was virtually no movement in the colony. All

the sitting birds sat still & a few standing birds still walked about. On the scrubbers

28/4/95 Landed

at the W end of the island any
of chicks (all v. young) were
brooded by their single adult.
The adult would "crouch" on its
"knees" (in every case) and hold
its wings slightly ~~up~~ out and
drooping and a chick would walk
in on each side and stand with
heads to rear of adult and fluffy
~~brn~~ brn just showing at front
of adult wing. On 3 occasions
I watched broods of 3 chicks do
this, the 3rd chick pushing
in after one of the lat two, its
brn poking out a little more
than if only 2 chicks. ~~On~~ On
two occasions I saw the parent
partially stand for a moment,

28/4/95 ⁷⁵ Contd

holding the chicks in its wings and
their feet off the ground just
off the ground. I counted
10 adults brooding chicks like
this on the "inwash" sandbars
at W end of island.

During the afternoon I
observed (on at least 10 occasions,
probably 15) ~~parent~~
adults (single) walk back
onto the island from the ~~to~~
shoreline + shallows at the W
end with their chicks ("day old"
appearance) following them. The
parents would either walk up
the edge of the ~~nesting~~ nesting area
(sitting birds) and crouch on
"knees" and brood (shelter)

(76)

28/4/95 Lenth

the chicks there — ~~then~~ sometime
later ($\frac{1}{2}$ hr plus) leading them
back to the shoreline — or
they ~~would~~ would walk along
the ~~water~~ northern side (slope)
of the island, between the shore
and the nesting area, pecking
at this and that (never
seeming to find any thing substantial)
with chicks following along
doing the same. They
usually walked $\frac{1}{2}$ — $\frac{3}{4}$ the length
of the island and then returned
doing the same thing. Then
they either brooded on the island
(not in nests) or went straight
back to water's edge

(77)
28/4/95 Contd

Drinking: during the 1120-1640 period scores of adults came down to N shore to have a quick bathe / preen / wash / feed before returning to the nesting area. Only 2-3 of these were observed to drink - and even this was not viewed very clearly. - no doubt the cool-wet day reduced the need to drink.

Picking of Chick: around 4 pm I saw a ~~small~~ "day old" chick being severely pecked (+ held) by incubating adults who could reach it. As the nests were close it was always within reach and was pecked at continuously until it rolled (threw?) down slope out

Fri 28/4/95 Contd

of reach. It moved a little
further W and tried to reenter
nest once - again it was
attracted by sitting birds and
fell back down slope. This
continued for at least 20 mins
until it sat still - no doubt
exhausted. No parent came
to it. Even shouting / wailing
didn't attract it when it was
within range. In the

morning we had seen approx
5 ~~weak~~ weak chicks scattered
about singly. Some were
on their backs and unable to
rise again. Others staggered
about ~~in~~ short distances
and wobbled, wobbling.

(79)
Fri 28/4/85 contd

These chicks no doubt die.

Egg Rolling One adult was seen to accidentally flick a stray (mid slope) egg as the bird went down to shore to drink and the egg rolled 1 metre further down slope.

Another bird was seen to flick an egg a metre or so down slope with one action of its bill.

Another bird was seen to carry an egg high over the heads of sitting birds for several metres - its bill jabbed into the egg - do some birds jab eggs to get movement?

(80)

Fri 28/4/95 contd

Predator The only
predator/scavenger seen near the
2nd breeding island between 1120 -
1640 hrs was a Peregrine Falcon
(not big so probably ♂).

I first noticed 50 or
so adults ^(fly) rush to the water
from W ~~end~~ ^{end} of
island. Saw a raptor flying
away, then turning back to fly
at W end of island at height
of 3m at moderate speed.

Peregrine Falcon! It made 2
more passes and then on the 4th
pass flew lower, on the SW side
of the island, out of sight and when
came up had a chick (Best) in
its talons. It flew off to NNE.

(81)
Fri 28/4/95 Contd

Allen's data from Camp Island
Sampling Site 28/4/95 AM

- Type of ~~the~~ ^{wooden stake} ~~stake~~ driven down to water surface = 0.89 m
- Bed of lake to ~~top~~ water surface (next to ~~the~~ wooden stake = 0.54 m.
- pH at surface was 7.9
(against pH 10.0 standard the instrument read 9.8 ;
against the pH 7.0 standard the instrument read 6.95)
- Temperature (from pH meter) read 19.0 °C at top and bottom of water
- Time was over period 0830 - 0845 hrs. Weather was overcast ~~and~~ but not yet raining

(82)

Lebe Ballard

Fri 28/4/95 contd.

Totals of Broods leaving
2nd Breeding Island on 28/4/95

1 adult with (1 chick): |||| = (4)

1 " " (2 chicks): ||||| = (9)

1 " " (3 chicks): || = (2)

1 " " (4 chicks): = (0)

1 " " (5 chicks): || = 2

⇒ 17 broods with 38 chicks

⇒ average = 2.2 chicks/brood

and median = 2 and mode = 2

Lebre Bellard

83

Start of

Sat 29/4/95

By heavy rain overnight
Got up at 0715 hrs.

Left Camp Island at c 0930 hrs.

Arrived at Vining Island at 0949 hrs.

1 with 2 off cliff -

1 " 2 " "

1 with 3 down slope

1 " 3 " "

1 " 3 off cliff

1 " 3 off cliff
6 16

Counts of
number of
adults and
chicks in
each family
party
observed.

(84)

L. Bellard

Set 29/4/95 Control

1 adult
with 3 off cliff

1 with 2 off slope

1 with 3 off cliff

1 " 4 " "

1 " 2 " slope

1 " 3 " "

1 " 2 " cliff

1 " 3 " " (was 4)

1 " 4 " "

1 " 1 " "

1 " 3 " "

1 " 3 " "

1 " 3 off slope

1 " 1 " ramp

1 " 3 " slope

1 " 3 " cliff

1 " 2 " ramp

1 " 2 " cliff
18 47

Los Ballard

Sat 29/4/95 85 Cont'd

1 with 3 off cliff
1 ~ 4 ~ ~
1 ~ 3 ~ ~
1 ~ 3 ~ ~
1 ~ 3 ~ ~
1 ~ 1 ~ ~
1 ~ 3 ~ ~
1 ~ 3 ~ ramp
1 ~ 5 ~ ~
1 ~ 2 ~ cliff

1004 km

1 ~ 1 off cliff
1 ~ 3 ~ ~
1 ~ 3 ~ ~
1 ~ 5 off slope
1 ~ 3 ~ slope
1 ~ 3 ~ cliff
1 ~ 2 ~ ~
1 ~ 2 ~ ~

18 52

86

L. Ballard

Set 29/4/95 Contd

1 with 4 off cliff
1 " 2 " "
1 " 2 " range
1 " 3 " "
1 " 3 " slope
1 " 4 " cliff
1 " 2 " "
1 " 2 " "
1 " 3 " slope
1 " 3 " "
1 " 2 " cliff
1 " 2 " range
1 " 3 " cliff
1 " 3 " range
1 " 4 " cliff

1017 km.

1 " 3 off range
1 " 2 off cliff

13 km / page

17

47

Lake Ballard

Set 29/4/95 contd

(87)

1 with 3 off cliff

1 ~ 3 " mags

1 ~ 4 " slope

1 ~ 1 " slope

1 ~ 3 " cliff

1 ~ 2 " "

1 ~ 2 " cliff

1 ~ 1 " "

1 ~ 2 " "

1 ~ 3 " "

1 ~ 4 " "

1 ~ 2 " cliff

1 ~ 2 " "

1 ~ 2 " "

1 ~ 2 " "

1 ~ 2 " "

1 ~ 2 " "

1 ~ 1 " "

18

41

(88)

Lebe Belled

29/4/95 Lond

1 walk 1 off ramp

1 " 3 " cliff

1 " 2 " "

1 " 6 " ramp

1 " 4 " cliff

1 " 3 " "

1 " 2 " "

1 " 4 " slope

1 " 3 " cliff

1 " 3 " "

1 " 3 " "

1 " 3 " "

1 " 3 " "

1 " 4 " "

1 " 3 " slope

1 " 2 " cliff

1 " 3 " ramp

1 " 3 " cliff

18

55

4

Continuation is
two pages further

Notes re Harvey River surveys 89
done on 25/4/95

Early Harvey River dates

Fri 13/5/94 - JL + Allen C. - non standard.

Sat 21/5/94 - non standard.

3/6/94 - " "

4/8/94 - Lene

16/8/94 - Person + N. Watts

9/9 - Person

19/10 - Person

(90)

"Log Book" records for my
Toyota 4Runner

Date	Trips	Odometer	Init
10/4/95	V-W area	586	JL
11			
12		1153	
13		1408	
14/4			
15			
16			
17			
18			
19			
F 20		1420 ✓	
F 21	Harvey River	1689 ✓	JL
S 22	—	1689	—
S 23	—	1689	—
M 24	Bsn area	1699	JL
T 25	—	1699	—

L. Ballard

Sat 29/4/95 (91) Contd.

(Continuation from two pages previously)

1 with 2 off cliff

1 " 4 " "

1 " 2 " "

1 " 4 " ramp

1 " 3 " "

1 " 3 " "

1 " 2 " cliff

1 " 3 " "

1 " 2 " "

1 " 3 " "

1 " 2 " "

1 " 2 " "

1 " 3 " "

1 " 2 " "

1 " 1 off slope

10346. & stopped counting for a break. ← 15 38

See next notebook for continuation

(92)

Kayunli Street Times

0845 - 0900 hrs

1445 - 1500 hrs.

ph 090 21 2677 Fax 090 21 7831

J

313 019

Jeremy Hyatt

(93)

03 524 2373 (Fax)

524 2348 (W)

776 6034 (L)

Dwayne David Observatory (John and ?)

091 935600

091 922294 (Fax)

Paschim Hoch

(Lance Ajelt) 383 4777

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097 521100

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\$758.35 / month.