

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_(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

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<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)

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<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)

No 15



NOTE BOOK

No. 561

JIM LANE

C. A. L. M. Busseton

Sat 29/4/95 → 17/5/95

Lebre Jellend

Set 29/4/95 ^① control

Resident count at 1039 hrs.

1 bull 2 off cliff

1 " 1 " style

1 " 3 " cliff

1 " 2 " style

1 " 4 " cliff

1 " 2 " "

1 " 2 " "

1 bull 3 lost 1

1 " 3 " cliff

1 " 3 " style

1 " 3 " "

1 " 3 " cliff

1 " 3 " "

1 " 1 " "

3 off cliff on their own
~~cliff on their own~~ (were part of 6)

1 bull 2 " cliff

1052 hrs

Ⓡ

85

36

(2)

Lebe Bellend

29/4/95 Contd

1 with 2 off cliff

1 " 1 " mgs

1 " 3 - cliff

1 " 3 " "

1 " 3 " "

1 " 1 " "

1 " 2 " "

1 " 1 " slope

1 " 2 " cliff

1 " 4 " "

1 " 2 " slope

1 " 2 " cliff

1 " 3 " mgs

1 " 3 " cliff

1 " 2 " "

1 " 1 " slope

1 " 3 " cliff

1 " 3 " "

18

40

L: Beland

28/4/95 Contd (3)

1101 km

1 well 3 off cliff
2 choli ~~came down & jumped by themselves~~
~~came down & jumped by themselves~~

1 well 2 off slope

1 " 2 " cliff

1 " 2 " "

1 " 3 " "

1 " 3 " "

1 " 3 " "

1 " 1 " "

1 " 3 " "

1 " 2 " "

1 " 2 " "

1 " 1 " slope

1 " 2 " cliff

1 " 3 " rump

1 " 2 " "

1 " 6 " cliff

96

40

(4)

L. Ballard

29/4/85 - Contd

1110 hrs.

- 1 with 3 off cliff
- 1 " 3 " slope
- 1 " 4 " cliff
- 1 " 2 " "
- 1 " 3 " slope.
- 1 " 3 " cliff
- 1 " 3 " "
- 1 " 2 " "
- 1 " 2 " "
- 1 " 2 " "
- 1 " 2 - ramp
- 1 " 4 " cliff
- 1 " 3 " "
- 1 " 3 " slope
- 1 " 2 " cliff
- 1 " 2 " ramp

1121 hrs.

16

43

L. Bellard

29/4/95 Cont'd (5)

1 with 2 off cliff.

1 " 3 " "

1 " 3 " "

1 " 2 " "

1 " 2 " "

1 " 2 " "

1 " 2 " "

1 " 1 " nags

1 with 3 (1 off cliff 2 off nags)

1130 hrs - stop

9

22

Totals so far

Broods

Checks

6, 18, 18, 17, 18, 18

16, 47, 52, 47, 41, 55

15, 15, 18, 16, 16, 9,

38, 36, 40, 40, 43, 22

↑

184

↑

477

$$\begin{array}{r} 2.59 \\ 184 \overline{) 477.0} \\ \underline{368} \\ 1090 \\ \underline{920} \\ 1700 \end{array}$$

⇒ av. = 2.59
checks/adult

⑥ L. Bailard

29/4/95 Corbié

Had lunch

Left very island at 1235 hrs
- gentle E wind & ~~big~~ ^{big} ~~tree~~
scattered clouds.

1352 hrs

started banding
~~started banding~~

082-

first band 95021

1640 hrs finished banding. Last band
was number ~~95127~~ 95127

1715 hrs ~~back to camp~~ we got
back to Camp Island.

and 95110

95058 was not used (dropped into bag)

⇒ total N° banded = 106 105

L. Bellard

29/4/95 Contol (7)

Summary of Sat 29/4/95

Was strong E-SE wind, heavy cloud and heavy rain overnight.

Approx 1" of rain in 3 mugs left on table overnight. All unsealed roads in Manx in Shire were declared closed to heavy traffic for 24 hrs from this morning (news at 7.00 am)

We stayed in bed till 7.15 am because of the weather. Had

breakfast. Made radio check with Woodville (Romey) at 0800 hrs.

Finished breakfast & got lunch & gear together and left Camp Island in the 2 boats (12' & 10' punts)

With 2 x 8 hp outboards at ... hrs.

(8) L. Bellard

29/4/95 Lough

Weather was showing signs of improving - low cloud reducing but moderate wind from ESE.

Boated down to viewing island next to 2nd breeding island at ... hrs and found that broods (family parties) were coming off the breeding island at a rapid rate. We counted 184 broods (477 chicks) coming off the island between 0955 hrs and 1130. hrs. Note that families coming off island much faster than yesterday PM when ~~it~~ it was raining.

Family parties entered water either by jumping down from "cliff" or walking down "ramp"

L. Ballard

29/4/85 Lough

(9)

(~~between~~ between sections of cliff)
or walking down "slope" (at
W end of island. Usually
the single parent led the chicks
to the water.

Cliff: parent typically "fluttered"
down from "cliff" to water below
(standing depth) and called (short
calls visible - throat) and chicks
stumbled / fell / jumped into the
water one at a time. On a
few occasions one or more chicks
fell / jumped into water first, then
parent "fluttered" down and if any
remaining chicks, called them down.

On ^{a few} ~~several~~ occasions a chick
would be left behind ~~at~~ near the
top of the cliff and ~~not~~ ~~it~~

(10) L. Bellard

29/4/95 Cont'd

once rejected it ran back up
to the nesting area and was
collected by sitting adults —
no doubt ended in slow death.

A few groups (2-3 chicks)
of chicks came down to ~~water~~
edge of island without adult and
jumped in without and adult not
seen to join them. Some
parents were more diligent in
keeping their chicks with them
(by waiting & calling) than
others which reflected struggles.

No predators/scavengers
seen this morning.

After counting ~~the~~ 184
broods off we stopped for
lunch.

L. Batterd

29/4/85 contd (93)

After lunch we plotted a straight line course in the direction of (300°) of the largest numbers of Skelt I saw on Thursday (27/4) aerial survey. See maps to see how far we got before water too shallow. We then boated to nearest beach island + scanned with telescope for Bats. Decided to zig zag our way back towards 2nd breeding island catching chicks and banding them on the way. We banded 10 chicks (band numbers)

(12) L. Ballard

Sat 29/4/85 Lumberton

All of these were entirely
chowing, except one with
well developed secondary
feathers and ≤ 5 with slightly
developed secondary. ~~Partly~~
~~of adults & chicks are found~~
~~on shoreline~~

Continued banding till 9
was done we had done 100+.
We stopped banding at 1640 hrs
~~so conditions~~ before ~~the~~
sun got too low.

It was sunny with a
light SE wind all afternoon
- excellent conditions for
catching & banding (both for
us and for chicks).

TO DO SWN 30/4

- notes (mine) of Clive's sending?
- Band chicks

- Weight & bill length from sample
(record how many in brood from
which taken + band no.)

Need tape recorder.

- brood sizes on water?
- flag largest.

(14)

Start 30/4/85

0830 left camp Island - flat
calm & calm, sunny.

Within 300 m of 2nd breeding
island we came across

1 adult with 3 chicks

1 " " 2 "

1 " " 2 "

2 adults with 4 "

"ilegals"

swimming in the water.

Arrived at viewing island at 0805 hrs.

Many chicks visible in and around
their nests - no doubt because of
the warm sun shining on the NE slope

Many of the marked nests at the
E end of the island are empty

30/4/95 Contd (15)

(if no adults or chicks visible but may have eggs - certainly there are eggs scattered than this case). Some have adults sitting tight (no eggs or chicks visible), some have fluffy chicks visible.

0917hrs - Little Cuckoo landed on spit at W end of island. It had a go at 2 chicks in a brood of 3. Picked one up & dropped it. Picked it another. Let them swim away. Then picked it another on the spit (live) then held it down with its feet and began plucking feathers out. After a few strokes it began pulling small pieces of "meat" off the chick & swallowing.

The other adult (with chicks) have just pulled back about 10 m

(16)

30/4/95 Contd

on either side & ~~of~~ behind almost
evenly.

Note that fluffy "day old" chicks
are visible in & around nests from E to
W end of island.

A Little Coo grabbed at a 2nd
chick (dead or playing dead) for a while,
then walked closer to island and
grabbed another live chick in its
beak.

An adult walked
towards the chick when the Coo left it
for a moment. The Coo jumped back
on the chick & the adult walked
away.

0930 hrs - the Coo flew off to
the back island to the north wall
(part of?) a chick in its beak. Landed
on low branches of bush.

30/4/95 (Wed) (H)

2 coral flow past m.

2 Skink near beach island.

Left viewing island at ~~0935~~

0935 hrs - gentle E wind

blowing. Headed 300°. I stood in
bow of boat & counted checks / party.

0947 - 1 with 3
hrs

2 with 7

2 " 6

1 " 1

2 " 6, 1c3, 1c2,

1c2, 1c2, 1c2, 1c2, 2c5, 2c13,

5 Gray Tad in water, 1c3,

4 GyrTL, water v. clear,

2c5, 1c6, 1c2, 1c2, 1c2,

1c2, 1c2, 1c2, 1c3, 2c6, 2c6

1c3, 1c4, 1024 hrs, 2c5,

1c2, 1c2, 1c2, 1c3, 1c2, 1c3

(18)

30/4/95
contd.

1c2, 4c7, 1c2, 1c2
1c3, 3c10, 1c3, 2c5, 1c2,
1c3, 1c3, 1c2, 1c2,
1c2 1038 hrs

→ To island with ~~telescope~~ ^{telescope} at 1045 hrs Left at 1114 hrs.

Totals :	Chicks									
Adults	1	2	3	4	5	6	7	10	13	
1	1	1	1	1						
2		1	1	1	1	1	1		1	
3								1		
4							1			

Started banding & flagging (flagging west)

N ^o 058	3.84	85	Flag
129	3.81	85	Flag
131	-	-	Flag
130	-	-	Flag
↑	↑	↑	↑
band N ^o	bill (cm)	wt	

Bands on Rt , Flaps on ~~ant~~ left tibia

19

Band No	Bill	Nt.	Flap?	
128	4.67	-	F1	} Photos were of one of these
132	4.66	-	F1	
110	-	-	F1	
133	-	-	F1	
134	-	-	-	} banded on left leg by mistake
135	-	-	-	
136	-	-	-	
137	-	-	F1	
138	-	-	-	
139	-	-	-	
140	-	-	-	
141	-	-	-	
142	-	-	-	
143	-	-	-	
144	-	-	F1	
145	-	-	F1	
146	-	-	-	
147	-	-	-	
148	-	-	F1	
149	-	-	-	

(20)

band no.s

30/4/95
Combs

family
of
3 with
1 adult

084
082

retrays

150

~~band no.~~
new bird

"day old"

1255 hrs.

- 1 dead "day old"

chick - no band.

Stopped for lunch on water at 1255 hrs.

~~Rest~~

Water clear to bottom. Lots of Perentonia, some mating

Restart

1.15 p.m.

Cloud approaching

Band No

Bill

Fledged?

151

-

FI

152

-

FI

153

-

FI

154

-

FI

155

-

-

156

-

-

↓

-

-

168

-

-

↓

-

-

175

-

-

band no.

bill

Flagged?

30/4/95 (21)
Contd

↓
179
180
↓
89
90
91
92

-
-
-
-
-
-
-
-

-
-
-
F1
F1
F2
-

↓
244 (last bird)

one catch of 8
" " " 7
" " " 11

Totals

(128 → 244 = 117)
~~128~~ + 2
119
19 flagged.

Final 1601 hrs.

3 biggest
catches with
scoop net

Totals: 119 banded - of
these, 19 were yellow
flagged on left tibia.

(22)

30/4/95 Contd

Crossover Lake - start 1656 hrs

- 1 coot seen
- 2 ^{coot chicks} heard squawking and
one seen to dive.
- 1 coot (nony) with 3+ tiny chicks on
water near rest. (red dyed) Nest was
20 m above water level and
completely empty.
- Maud heard.
- Coot nest with 6 brown eggs, hatched
2 in water - male in my hand
much fresh leaf material in nest
(green) - Looks like a nest
in an "old" nest.
- Coot with 2+ red faced squawking
drowning chicks (not tiny)
- 1 Little blue heron flying

30/4/95 ⁽²³⁾ Lontel

- 1 ♂ Mask Duck heard

- 1 Little Green heron

- ~~3+~~ ³⁺ mid-large red faced song
Crested chicks were fledged
most (completely empty but with
fresh green leaves - Malabar?)

- heard Peard (1 or 2) and
Coytl (1) in the elms

Franklin like many years 6 pm.

Barked (and argued) back
to Camp Island.

Wind was gentle from E except
early AM (till 9 am) when there was
no breeze. Sunny in AM, cloudy in
PM. The largest (see photos)
chicks were fledged. Most were closing
early + were banded.

(24)

20/4/95 Contd

For Mon 1/5 Radio Shack

— Andy Chapman

— be at our 4Runner at 5 pm

— bring 2 loaves S'west bread

— 1 Jerry intended petrol

— ring Vernice - all ok.

Food for Wed pm?

— 2 L UHT milk.

— ~~3 steaks~~ 700g Chicken

— pet Wethers

(kies?)

— Clive - BBObbs

islands, water level, banding -
flying

Said Andy should all be at 1/2 hr
interval from 5.00 pm onward if
not at our vehicle by 5 pm.

30/4/95 (25) ^{Contd.}

From 7 pages back

adults	Chicks								
	1	2	3	4	5	6	7	10	13
1	1	22	11	1	-	1	-	-	-
2	-	-	-	-	4	4	1	-	1
3	-	-	-	-	-	-	-	1	-
4	-	-	-	-	-	-	1	-	-

Total adults = 63 ✓

Total chicks = 169 ✓

Total "parties" = 48 ✓

Average chicks/adult = $\frac{169}{63} = 2.68$



* Note that I only counted families and parties where I was confident of both adult + chick numbers. Did not count large parties ~~(~~where I was not~~)~~

(Generally 10 → 50 chicks + 5-20 adults)

~~32~~ [Compare with 2.59 chicks per adult at island yesterday.]

(26)

Start 1/5/95 Contd.

Scene Camp Island 0900 hrs

Goose Breeding Island 0915 hrs

2 Cormorants (?) flying away from colony as we approached

Light → moderate E wind

Sunny - some cloud

0921 hrs.

1 c 2 off slope

1 c 3 " "

1 c 2 " "

1 c 2 " cliff

1 adult brooding 2 chicks off nest, mid slope, has incomplete nest here,

1/5/85 27 Contd.

1 c 2 off slope

1 c 1 (the adult with sample to 60% bend)

1 c 3 off slope

1 c 2 " cliff

1 c 2 " slope

1 c 1 " cliff

1 c 1 " slope

1 c 2 " ridge

1 c 1 " slope

1 c 2 " cliff

1 adult with 60% chest bend took 2 chicks

to edge of cliff, flew down to water
within 5 min, then flew back up to chicks, banded
them, then took them back up slope & banded again
~~to 1 off slope~~

1 c 1 off slope.

(28)

1/5/95 Contd

1 adult ran down from nest to
water and drank.

1 c 2 off cliff.

0945 hrs.

1 c 5 off cliff

1 c 3 " slope

1 c 2 " cliff

1 c 2 " "

1 c 2 " "

1 c 2 " "

1 c 2 " ramps

1 c 2 " cliff

1 c 1 " "

1 c 1 " "

1 c 2 " "

1 c 4 " "

1 c 2 " slope

1 c 2 " cliff

10/10

4/5/95 Contd (27)

1 c 6 off cliff

1 c 1 off ridge

1 c 3 " diff

1 c 3 " "

1 c 3 " "

1010 hrs

1 c 2 off slope

1 c 2 " cliff (37th band)

1 c 2 " diff

1 c 3 " "

1 c 1 " "

1 c 3 " "

1 adult seen down & drinking

1 c 2 " slope

1 c 2 " cliff

1 c 2 " "

1 c 2 " ramp

1 c 3 " " (46th band)

(30)

1/5/95 Contd

7 Crows flying in distance.

1 c 2 down ramp

(47th brood)

1 c 2 " slope

1 c 1 " "

1 c 3 " "

1038 hrs -

1 c 1 " "

1 c 2 " "

1 c 2 " "

1 c 2 " cliff

1 c 2 " slope

1 c 2 " "

1 c 1 " "

1 c 3 " "

1 c 3 " ramp

1 c 2 " slope (60th brood)

1 c 2 " cliff

1048 hrs.

Today we are getting every brood coming off the island (NE side). Two

Mon 2/5/95 LmH

81

days ago we were missing some mixed groups.

1055 hrs.

1 c 2 off cliff (62nd brood)

1 c 1 " slope

1 c 1 " "

1 c 2 " "

1 Wedge-tailed Eagle with 2 ducks passing

1 c 1 off cliff

1 c 3 " slope

1 c 6 " cliff

1 c 2 " slope

1 c 2 " ramp (70th brood)

1 c 1 " cliff

1 2 cliff

1 1 ramp

1 c 2 off cliff (left a 3rd behind
which went up slope
& was picked by
adult)

(32)

1/5/85
Cork

2 Little Gulls arrived, landed on
spit at W end. Pulled it dead
chicks

~~FB~~

1 c 2 yf cliff

(75th brood)

1 c 1 " "

1 c 2 " "

1 c 2 " ramp

1 c 2 " cliff

1 c 2 " slope

(80th brood)

1 c 2 " "

1 " 4 " cliff

1 " 2 " "

1 " 2 " "

1 " 1 " slope

1 " 2 " cliff

The one with the 60% chest band led
one off cliff into water then went
back to brood the straggler!

1/5/95 Contd

(33)

1 c 3 off cliff

1 c 2 n slope

1 c 2 n n

1 c 2 n n (90th bend)

1 c 3 n n

1 c 3 n n

1 c 1 n n

1 c 2 n slope

1 c 2 n cliff (95th bend)

1 c 2 n slope

1 c 1 n slope

1 c 2 n n

1 c 2 n cliff

1 c 1 n n

~~1 c 1 n n~~ (100th bend)

1 c 2 n cliff

1 underfoot register ("spencer's?")

1 c 2 off cliff

(34)

1/5/95 contd.

1 adult led a group of 4 to cliff
then ran back to sit on rock! Young
ones went back in its direction (joined?)

1 c 3 off slope

1 c 2 " cliff (104th bound)

1146 hrs.

Many power adults on island
Chicks visible (in + new nests) from
E to W end.

Leave viewing island at 1155 hrs.

Head W, set traps on
the way.

Reached W viewing point at 1220 hrs.

1/5/95 Contd

Flagged? (35)

Band Number
first
bird 245

}

254

255

}

264

265

266

267

268

}

271

272

273

274

}

290

}

351

FI

FI

FI

FL

FL

FL

FL

FI

FI

FL

(36)

<u>Band No.</u>	<u>Fledged</u>
353	FL
354	FL
355	FL
356	FL
357	FL
358	FL
359	FL → Bill 4.56
360	FL
361	FL
362	FL
365	FL
366	FL
368	FL
369	FL ← last bird banded today

Stopped banding / fledging at 1640 hrs.
The ^{single} biggest catch by scoop net today
was 20! [^] (a new record)

1 GYL with 8-9 small Class I chicks
on Ballant near Argo at 1720 hrs.

37

Totals — 125 banded (Nov. 245 → 269 incl)
of these, 24 were also flagged.

Progne Totals this trip

	<u>Banded</u>	<u>Flagged</u>
29/4	105	—
30/4	119	19
1/5	125	24
<u>Totals.</u>	<u>349</u>	<u>43</u>

Summary of Broods coming off
island today.

Total Broods = 104

Total Chicks = 218

⇒ chicks/brood = 2.10

2.096
104 | 218
208
1000
936
640
624



38

Summary of Birds coming off island on 1/5/95

Brood Size	Number of Broods
1	(22) (22%)
2	 (60) (60%)
3	(17) (17%)
4	" (2) (2%)
5	" (1) (1%)
6	" (2) (2%)
Total	(104)

FOR THURS 2/5

- long walk
- film for Andy
- Andy's notebook
- 56 ⁶⁰ ~~off~~ ^{etc} birds off island?
- photo ^{etc} of laying guano on
last island?
- calculator
- weigh bag
- Cross-section Depth & Salinity
- etc.
- wide angle lens

(40)

2/5/95

0840 hrs - leave C of S Island

370 FI

371 -

0925 hrs

0935 hrs - reached Vening Island

Only 26 Best visible sitting.

Small number of downy chicks under
and around these birds

But only 15 standing/walking on
island.

Approx 130 Best, many with chicks,
standing on the "spots" (mostly south)
at the W end of the island.

1 c 3 off slope

1 c 2 " "

1 c 2 " "

1 c 3 " "

3 Brown Falcons flew past

2/5/95 (41)

(Candy Chapman ID'd them)

1 c 4 off slope.

1002 hrs

1 Western Gull + 2 ~~small~~ Little
Gulls flew from S to "nursery
area". Clearly one Brown
Pellion landing there. Bird rose
up from that area.

1 c 2 off slope

1 c 1 " "

1004 hrs.

94.0

1046 hrs

1 adult + 2 chicks

	Wt	Bill	Wing	B+H	Mt. tarsus
Adult	165	N/A	195		47.6
c 1	26.0	22.7	-	45.1 45.0	43.0
c 2	22.0	23.4	-	44.5	43.6

94.5

Mt. tarsus

(42)

2/5/95.

~~2/5~~

11.35 Adult w/ 3 chicks

	wt	bill	wing	B+head
2 A	30.0	25.4	—	45.2
2 B	27.0	21.6	—	42.5
2 C	34.0	23.5	—	45.1

tarsus.

2 A	44.9
2 B	41.4
2 C	41.6

12.05 Adult [♂] w/ 3 chicks

	wt	bill	wing	bill+head
Adult	190g	—	203	—
3 A	63g	33.7	—	59.8
3 B	68g	34.8	—	61.1
3 C	57g	31.1	—	57.8

2/5/95 (43)

Adult 2 and 3 both males
& both with 2 brood patches.

1235 hrs - landed on island for lunch.

♂ w/ brood patches.

Adult w/ one chick 1.40 PM

	wt	bill	wing	b + land	max-tarsus
Adult	185g	77.2	205	115.0	98.6
4 A	32g	23.2	—	45.5	45.4

Extra chicks - Bill: 23.3 B-H: 45.7

Murchisoni Wt: 27g.
44.4

tarsus

94.9

51.1

51.0

56.7

Adult	Left	RL
1	13.3	9.5
2	—	—
3	18.2	13.9
4	19.1	13.6
5	22.6	16.6

(44)

2/5/85

Adult w/ 1 Chick 2.13 PM

Nos	wt	bill	wing	B + Leat	Met. tail
Adult	190g 83g	72.3 77.4	200	108.3	104.2
chick 5A	83g	43.1	-	70.8	57.5

2 broad patches ^{patches} ♂

all with complete band ^{black} & belly patch
 Stopped on island for lunch - ^{all} some egg found

1432 hrs. — restant banding/flying

372	—	
373	—	
381	—	
382	FI	
383	—	
384	FI	
385	—	
386	—	
387	FI	
388	FI	
393	FI	
394	FI	
		389 392

not fluffed

2/5/95 (45)

1542 hrs

396 FI

397 FI

395 FI

398 FI

399 FI

400 FI

401 FI

402 FI

403 FI

404 FI

405 FI

406 FI

407 FI

408 FI

409 FI

410 FI

411 FI

412 FI

413 FI

414 FI

415 FI

~~416 FI~~

(46)

2/5/95

Totals for 2/5/95

Banded: 46

(370 - 415)
incl

Flipped: 28

Prognosis Totals

Banded: $349 + 46 = 395$

Flipped: $43 + 28 = 71$

Stopped banding/flipping and headed for Camp I.
at 4:50 pm

Arrived back at Camp Island at

approx 5:20 pm

(We were pushing in to strong SE wind
and had Andy Chapman with us)

Light cloud in sky most of day

No cloud at end of day. Wind

from SE all day - light to moderate
midday; strong in late afternoon

2/5/95 Contd

(47)

Summary of Shot ~~Birds~~ Birds

We collected 5 broods of chicks each clearly a distinct brood with its own (single) parent. We tried to collect all 5 parent birds but missed No 2. — so

only got 4. All 4 were males with ~~pink~~ complete chest

bands (incl black margin to upper eye) and black bellies.

All 4 also had bare areas of skin on either side of sternum (large testes) (brood patches)

We took the oesophagus & gizzard (incl proventriculus) from each adult and chick & ~~stomach~~ stored them separately in 70% alcohol (used label writer for the 30%)

(48)

2/5/95

Adult Adult Label	Chick Label
Adult 1	Chick 1
	Chick 2
* Adult 2 (not collected)	Chick 2a
	" 2b
	" 2c
Adult 3	Chick 3a
	" 3b
	" 3c
Adult 4	Chick 4a
Adult 5	Chick 5a

Totals: 4 adults and 10 chicks

Note that in one of the boxes
we lost chicks from today (from
banding / blygging) we saw one
chick with a yellow leg

2/5/95 (49)

play swimming with the others.

(50)
Lebe Island

Silent Week 3/5/95

Up at 0630 hrs

Breakfast

Pam Renda Street

Ray Jeremy Hyatt

- only 100 Shlt

Water level 9cm below bottom
of tape on shore on S side of
Camp Island at 0846 hrs

2nd breeding island at 0906 hrs

- only 10 Shlt sitting and 7 standing
on island, < 10 chicks visible.
- c120 Shlt on "spots" (swamp) ~~on~~
at W end of island
- c10 broods of chicks with Shlt on "spots"

One ~~small~~ Red-capped Plover on structure in

3/5/95 Under

(51)

front of us - on viewing island.

Conditions: 100% overcast - moderate

→ strong E wind - cool.

416 FL

417 FL

418 FI

419 FI

420 -

421 FL

422 FI

423 FI

424 FI

425 FI

}
444 }

all played.

445 FI

446 FI

447 FI

(52)

3/5/85 Contd

448 FI
449 FI
450 FI
451 missing.

452 }
457 } all Flipped

}
475 } all Flipped.

~~Proposed~~ Sub Total (3/5 AM)

Banded: 59 (including
band 451 missing)

Flipped: 57

Had lunch at "Tropik Island" from
approx 1210 hrs → 1300 hrs.

3/5/95 Linda

53

500 } all played

+ 4 Fl only.

1505 hrs.

+ 3 Fl only

+ 10 Fl only

Back to Boney Island
at 1610 hrs

- now only 1 bird sitting!

and 2 standing

and c15 on "spits" (mud)

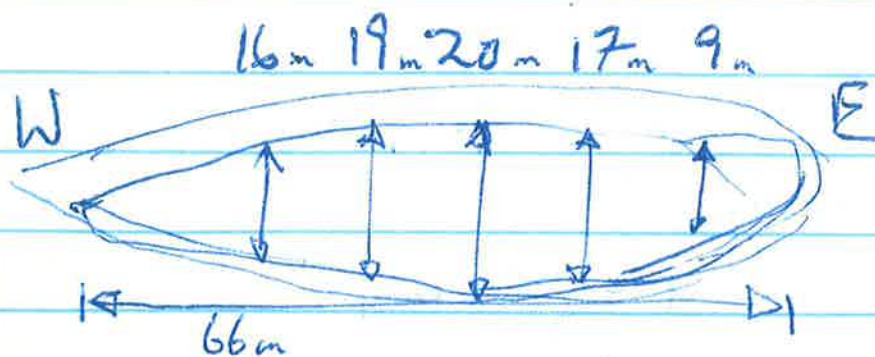
at W end of island with small

no. of chicks

(54)

Measurements of Nesting Area

66m long.



off $\approx$ 5.02m

(55)

$$\text{Total Banded (3/5)} = 59 + 25 = 84$$

$$" \text{ Fledged (3/5)} = 57 + 25 = 82$$

with bands

+ 17 Fledged

without bands

$$= 97 \text{ fledged}$$

Grand Totals

$$\text{Banded} = 395 + 84 = (479)$$

$$\text{Fledged (with bands)} = 71 + 82 = 153$$

$$" \text{ (without bands)} = 17$$

$$\text{Total Fledged} = (170)$$

Other species of "inland" seen on Bullhead

on 3/5

Peregrine (1), Wedge-tailed

Eagle (2), Long-tail ~~at~~ c150 in flocks to

30. Avocet (43 singles), 1 Silver Lark

(yesterday). No cross. 1 ♂ Shrike

(56)

Yesterday's Silver Gull was seen
twice — once flying and once
sitting on water, 30m from a
brood of chicks and feeding them.

Peter Bradshaw — Flinders University
studying invertebrates at Lake Lefrag.

Recharge systems (salt lakes)
seen as sterile barren wastelands
suitable for waste discharge
(eg highly saline water) etc.

Historic Mining operations on Lake
Lefrag — mining gold from open
pits in middle of lake. ~~the~~

Bradshaw doing PhD — was
coming to study invertebrates
of playa lakes w/ his cyclone

(57)

Bulky sticks.

Andrew Dudgeon + Andy Cheyenne
collected beaver teeth invertebrates
from bed of Lake Decker (pink lake
and salt crust + pile of sand
next to it) WPA museum couldn't
say what order it was in.

(58)

Start Th 4 May 95

~~BZ~~

1st Breeding Island - Nest
diameters, ~~depths~~ + specimens

Quadrat ABHQ :-

30, 33, 35 cm

31, 31, 37 cm

29, 32, 30 cm

~~32, 45~~

35, 48, ~~35~~ 35 cm

33, 34, 50 cm

→ Triangle technique method
- 3 sides of triangle

Quadrat BCII :-

34, 29, 28 cm

30, 33, 34 cm

28, 34, 30 cm

28, 30, 30 cm

38, 25, 34 cm

Quadrat CDJI :-

38, 31, 23

32, 31, 33

31, 29, 27

31, 35, 40

27, 36, 29

Quadrat DEKJ

29, 35, 37

32, 37, 29

30, 38, 27

(60)

33, 28, 28

27, 27, 27

Quadrant EFLK

~~28, 28, 29~~

28, 31, 30

33, 39, 29

35, 27, 31

27, 31, 29

24, 29, 29

Quadrant RQKL

23, 28, 23

28, 25, 29

38, 28, 25

34, 27, 25

30, 28, 30

61

Quadrat QPJK

33, 39, 42

30, 31, 34

32, 39, 30

Quadrat POIJ

41, 31, 32

Quadrat ONIH

39, 23, 34

35, 29, 43

Quadrat NMGI

33, 36, 29

40, 38, 36

(62)

Quadrat MNTS

29, 31, 25

47, 31, 32

40, 30, 31

44, 33, 30

Quadrat NONT

28, 34, 31

28, 28, 45

42, 43, 38

43, 31, 32

Quadrat OPVU

33, 30, 28

33, 36, 41

33, 28, 34

Quadrant PQWV

27, 34, 27

32, 25, 25

31, 32, 30

35, 31, 30

26, 36, 27

Quadrant QRXW

24, 27, 29

30, 34, 38

29, 29, 25

30, 42, 33

30, 33, 24

These are not diameters - not from quadrants.

15, 15, 14, 14, 15, 15, 15, 17, 15, 14.5

15, 15, 14, 14, 13, 13.5, 14.5, 15, 15.5

13, 13.5, 14, 13, 13, 14, 14.5, 13.5, 12

13, 12, 14, 14.

(64)

4/5/95

1130

all downy
nest

Coot - 4 broods - small

to large chicks (downy?)

Seven

GyTC - 2 lpr with 6 large chicks
double hgs

WPH 28

Eggs 1

mark 1218

65

- Argo bag with Andy Clegg.
- Radio in boat
- Argo bags + spray^(adhes. lubricant) in Argo
- 1 fuel Jerry with A.C., ABC to refill
- Water Jerry's with A.C.
- Trailer wheel with A.C.
- cutting etc on island.
- Life-rafts in trailer

TO DO

- ~~fly out~~ ✓
- ~~water~~ ✓
- ~~Ry Jerry~~ - tell to speak to Andy about choice of plane/pilot (not Goldfields ^{and search})
- ~~Take Jerry with Jerry etc into~~
- ~~need winter & other cold gear~~
to bring ^{2nd} outboard & tank.

(66)

Wind direction in period leading up
to "the big well" of Best
chicks than Merger in the 1980's



1 roll 64 ASA

36 exp Kodachrome

mailed 8/5/95

TO DO

My share of profit

was \$61.52

(debit from T.A. clear for April)

and \$48.00 from

May T.A. clear for Smith
Market.

\$7.50 for cash for meat
for clear

team. 67

CLM 2

**DEPARTMENT OF CONSERVATION
AND LAND MANAGEMENT**

ATTENTION

URGENT	
YES	NO

MESSAGE FROM

TELEPHONE NUMBER

ON

/ /

AT

a.m.
p.m.

☐ TELEPHONED

☐ CALLED TO SEE YOU

☐ WILL RING AGAIN

☐ WILL CALL AGAIN

67

(67)

Jim Lane -

3/5/95

Reply from Jeremy Hogarth.

He will send a crew early
next week to get footage of
creching on lake -

Probably do an aerial survey
on Tuesday - if Jim wants to
come that's okay.

Crew will probably stay in the
area for a while and see what
they can get - maybe 8 days.
(at the moment) stay long if
good. Also taking a free lance
guy who may stay after ABC
team.

(68)

15/5/95

Mon 15/5/95

Home - 3910

(0820 am)

By -

Present

Chris Will - Project Mgr Port George

John "Tuzé" - Landscape Architect

Peter Collins - Env. Con. Le Port de la Mer

Rachel Hammond

Charlie Broadbent - Senior Ops Officer

Kim Williams - Coordinator

Peter Hardy - Chairman of meeting -
Me

The 1st June : $\frac{1}{2}$ day meeting
(on Fri 2nd) @ 9.30 at
Sales Office.

(69)

Fri - bogged Thursday -
120° 50 on N shore

Chambers 381 9688

80 Chambers Ave. Salsico

Takeoff 0800 Return 0900

Census I then Penguin I.

500' Census 172

At land down off. Murray ~~800~~

Royal Aero Club. 09 332 7722
~~332 7722~~

Andrew Booth Δ

(70)

Wed 17/5/95

Left Isn at 0620 hr.

Arrived Boundary I at 0735 hr.

Along E shore

8 large flying young "of the year"
(probably 2 to 6 months old)
1 ~~immature~~ immature
1 adult

3 Casp Tern, 2 Crested Tern, 1 Sibl
2 ~~Bart~~ Bant Gull, 12 ~~Grey~~ Grey Plover,
c 50 Ren S. 1 Bw Skt, 1 Cur Sp,
2 Red Knot (1 with much red plumage)

$$64 + 1 + 1 + 2 = 68$$

0800 - 0805 hr.

17/5/95

(H)

1 egg - 1+1

2 eggs - 1111 + 7 + 21 + 30

3 eggs - 1 + 2

1 + 1 - 111111

16 S. 61

Summary: As I approached resting area in SE corner of island a total of 68 large, mainly fully fledged or nearly so, chicks ran down to the water's edge with legs held out & flapping clumsily.

(72)

17/5/85

Shri left a group of
adults in the nesting area.
At 0800 hrs I walked amongst
these and did a count of
eggs and chicks - These ~~totals~~
totalled

Nests with

1 egg

— 2

= ^{eggs} 2

2 eggs

— 62

(eggs) = 124

3 eggs

— 3

= 9

67 nests

135 eggs

1 egg + 1 chick

— 6

— 6 eggs + 6 chicks

2 chicks

— 0

0 0

6 nests

6 eggs + 6 chicks

17/5/95 (73)

The side chicks were audible
and newly hatched. At
least one egg was chipping
(small circular hole).

There were also c. 10 single eggs
lying about the nest area.

There were 16 Silver Gulls starting nests
to the nest area. They did not
attack the chicks when I disturbed
the adults.

I was able to get within 5m. of
some of the adults before they moved.

The nests with chicks were on the up-slope
side of the colony.

(74)

Harvey River

17/5/95

Island Pt gauge reads

+ 0.43 m AHD at 0955 hrs.

3 Great Crested Grebe 200 m south
of Island Pt.

Stn	Time	Depth	Sal	Time
0.5	1155	0.1	33.89	15.0
km		0.2	34.0	—
		0.4	34.5	—
		0.6	37.8	—
		0.8	38.2	—
		1.0	38.4	—
		1.2	38.4	—
	1159	1.4	38.4	—

Harvey River

17/5/95

75

Contd

Stn	Time	Depth	Sal	Temp
1.0 k	1205	0.1	33.2	
		0.2	33.5	
		0.4	34.3v	
		0.6	37.1	
		0.8	37.3	
		1.0	37.5	
	1207	1.2	37.5	
1.5		0.1	24.8	
		0.2	25.5	
		0.4	28.7	
		0.6	31.5	
		0.8	35.3	
		1.0	36.3	
		1.2	36.7	
		1.4	36.9	
	1216	1.6	37.0	

(76)

Boundary Island

17/5/85 contd.

I left the nest area at 0805
and the adults walked or flew
back to their nests immediately.

Harvey River

17/5/95 cont'd (81)

Stn	Time	Depth	Sal
2.0K	1221	0.1	24.1 6.8
		0.2	24.6 7.2
		0.4	26.0
		0.6	35.8
		0.8	36.0
		1.0	36.1
		1.2	36.4
		1.4	36.4
		1.6	36.6
		1.8	36.7
	1225		

2.5	1232	0.1	8.1
K		0.2	9.9
		0.4	12.2
		0.6	34.7
		0.8	35.0
		1.0	35.1
		1.2	35.1

Harvey River

17/5/95 Contd (83)

Sta	Time	Depth	Sal
2.5 k	↓	1.4	35.2
contd	1236	1.6	35.2

Harvey River

17/5/95 Contd

85

Stn	Time	Depth	Sal
3.0K	1241	0.1	8.1
		0.2	8.9
		0.4	9.7
		0.6	14 v
		0.8	29.4
		1.0	29.5
		1.2	32.8
	1244	1.4	34.0

3.5K	1249	0.1	4.1
hole		0.2	4.6
		0.4	4.7
		0.6	6.5
		0.8	20 v
		1.0	30.9
		1.2	31.4

Harvey River

17/5/95 contd. (89)

Sta	Time	Depth	Salinity
3.5 km		1.2	33.2
Contd.		1.4	33.2
		1.6	33.2
		1.8	33.4
		2.0	33.4
		2.2	33.5
	1254	2.4	33.3
4.0 km	1310 hrs	0.1	2.4
		0.2	2.5
		0.4	2.5
		0.6	3.5
		0.8	20.5
		1.0	26.4
		1.2	29.0
		1.4	30.2
		1.6	30.2

Harvey River

17/5/95 Contd (93)

Stn	Time	Depth	Salinity
↓	↓	1.6	30.3
↓	↓	1.8	30.7
4.0 km	1315	2.0	31.0

35.8 cm

water level to top
of post

40.5	1328	0.1	3.0
km		0.2	3.0
↓	↓	0.4	3.2
		0.6	3.4
	↓	0.8	6.0
			10.5

17/5/95

also

Harvey River

17/5/95 Cont'd (93)

Sta	Time	Depth	Salinity
↓	↓	1.6	30.3
↓	↓	1.8	30.7
4.0 km	1315	2.0	31.0

35.8 cm

water level to top
of post

4.5	1328	0.1	3.0
km		0.2	3.0
↓	↓	0.4	3.2
↓	↓	0.6	3.4
↓	↓	0.8	6.0
↓	1330	1.0	10.5

see next page also

94

John R. Seale
 nets + @ 50 m AM
 or 1500 ft
 on 17/5/95

63
 2.682
 169/000
 126
 430
 378
 520
 504
 160

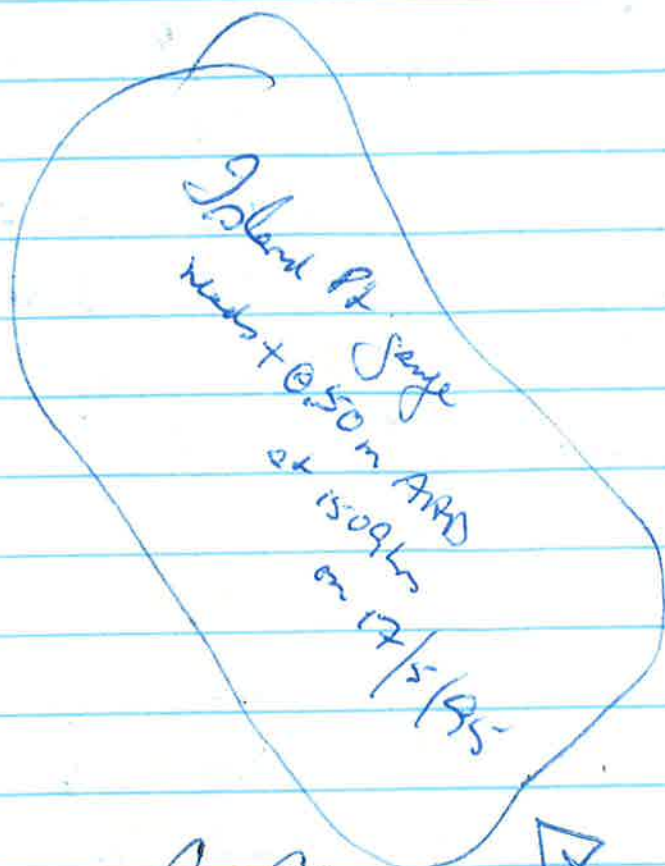


Henry Super
 17/5/95
 95
 14643
 1334m
 1336
 2.0
 2.6

Site	Time	Depth	Salinity
Tag	1334m	0.1	1.2
		0.4	1.2
		0.6	1.4
		0.8	1.4
		1.0	1.5
		1.2	1.6
		1.4	1.8
		1.6	2.0
		1.8	2.2
		2.0	2.6



94



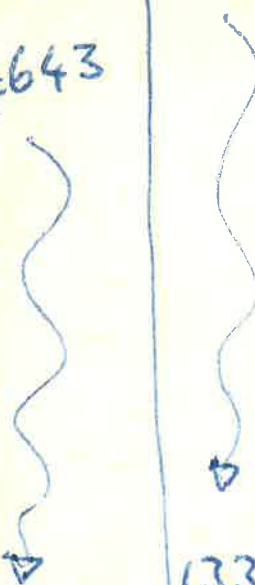
63 2.682
1169 000
126
430
378
520
504
160



Harvey River

17/5/95 (95) Contd

~~4/8/88/15 (L)~~
~~808/16 (L)~~

Site	Time	Depth	Salinity
Tag	1334 hrs	0.1	1.2
14643		0.2	1.2
		0.4	1.2
		0.6	1.4
		0.8	1.4
		1.0	1.5
		1.2	1.6
		1.4	1.8
		1.6	2.0
		1.8	2.2
	1336	2.0	2.6

