

Croxley

LI-FLAT

SCHOOL  
**note book**

Little Shag Winy  
Hobson Bay

(5)

NAME

SCHOOL

Dr and Mrs M. J. TAYLOR  
28 Awarua Crescent  
Orakei  
Auckland 5



Dickinson Robinson Group Product

W'front Motel 23-2-79

7W 3x unocc.  
4x W/T sit

7E (8E)  
1x remnant

7E (RW)  
11. 2 chicks unocc.  
12. unocc.

7E (W)  
P8 P. Shay sit  
P9 3 unocc.

7E (Hi)  
3xx WS on + 1 chick. 2nd chick  
14 2 chicks + ? 3rd chick  
5x 2 chicks  
6x chicks  
7 P7 - remnants  
8xx unocc. No dead chick  
9x sit  
12 unocc. by adults  
13 unocc. "

6E  
2 sit  
3 F/P on  
5 sit  
6 2 chicks + W/T  
7 sit

6W  
1 chicks  
4 chicks  
Occ Nets L5 14, P5 1

W'front Motel 27-2-79  
6 p.m.

6E  
2 sit  
3 sit  
5 W/T sit  
6 chicks  
7 F/P sit + small chicks

6W N 1 chick  
5 2 chicks

27-2-79  
Cont'd.

ZW 3<sup>x</sup> unocc.  
4<sup>x</sup> sit?

7E (H) 1 dk fledgling pres.

7E (R) 11. 1 chick  
12. unocc.

7E (Lo)

P8. P.S. on.

P9, 3 - Remnants

Also P5 present at P2 site

7E (Hi)

3<sup>xx</sup> 1 chick + dead chick alongside

14 1 chick

5<sup>x</sup> chick(s)

6<sup>x</sup> 2 chicks begging w/F/P

7, P7, 8 remnants

12 dead chicks

13

Total chicks & fledglings

occ ngs LS 13  
PS 1

W/ front Motel 4-3-79

7W 4 pr  
3<sup>x</sup> & 4<sup>x</sup> unocc.

7E (R) - see below.

7E (Lo)

P8. P. Shag on

7E (Hi)

3<sup>xx</sup> dead chick alongside

14 1 large dk chick

5<sup>x</sup> 2 dk chicks

6<sup>x</sup>

7E (R) 11.

12

} 3 large dk chicks  
one chick on each  
+ 1 large dk chick to left.

7, 8, P7 remnants

9<sup>x</sup> sit.

12, 13 remnants

- 6W N. 1 dk chick  
 S. 2 dk chicks fed.
- 6E  
 2. sit  
 3. 1 chick + (W/T and wk)  
 alongside, rep. by sundoggy  
 5. 1 small chick + F/P mt.  
 (this is now a v. small nest)  
 6. 3 lge dk chicks fed  
 by W/T  
 7. F/P sit, small chick

TOTAL chicks & fledglings

(16)

disc nests 65 12  
 P3 1

6 front Moral 8-3-79  
 (9am)

6W N. 2 dk chicks fed in

turn by W/T

S 1 dk chick

6E

2. Sit

3. 2 dk chicks

5. 1 small chick collapse

6. 3 dk chicks

7. W/T? 1 sit?

7W

3. unacc.

4x W/T on sit.

7E (20).

P8.

P5 on

P9, 3

Remnants

7E (RM) 11. unocc.  
12. 1 lge dk chick

7E (Hi)

3<sup>x</sup> 3rd chick alongside  
14 1 chick  
5<sup>x</sup> 2 chicks  
6<sup>x</sup> unocc  
7 unocc  
P7, 8, 12, 13 Remnants  
9<sup>x</sup> sit.

Also 1 dk fledgling at  
waters edge 50m West  
1 dk yg on mud below  
tree. Unable to fly  
but walked to water's  
edge, dived & swam  
away (This bird  
was white around bill)

Total chicks & fledglings (15)

W'front Motel 14-3-79  
6W N. 2 dk fledglings  
S. unocc.

6E  
2 Sit  
3 2(?) chicks  
5 1 chick + F/P  
alongside & calling  
6 2 lge dk chicks  
7 1 chick

7E (Ho) P. Shag Sit.

P8  
P9 Rem.  
X

Also 3 P. Shag asleep,  
"P2"  
2 dk L. Shag fledglings

7W 3. unocc.  
4. sit.

7E (RH)

11 } 1 dk fledgling  
12 }

7E (Hi)

3xx unocc. (2 chicks)

14 unocc.

5x 1 chick

6x unocc.

7x unocc.

8, P7, 12, 13 Remnants

9x sit(?)

Also 2 dk fledglings

Total chicks & fledglings

unocc. 45 11 (14)  
PS 1

W' front Mat-d 17-3-79  
(P. Shar, voting = 4) 6-30pm

6W N unocc - remnant  
5 " "

6E

2. sit

3. 1 or 2 chicks + F/P

5. 1 chick

6. 2 chicks

7. 1 chick + W/T

7E (ho) PP - PS sit #

7E

3. unocc.

4. unocc?

7E (Hi)

3. unocc.

14. 1 chick or fledgling

5 unocc.

6. Fledgling

7, P7, 8, 12, 13 Remnants

9. Sit?

7E (RH) 11, 12 unocc.  
chick + Fledgling (14)

L. Shar  
- fledgling  
in 7E Hi  
no 6x7.

occurrences

W'front M.A. el 20-3-79  
9:30 am

6E

2. unocc?

3. unocc.

5. 1 dk chick w/

6. 2 " " "

7. 1 " " "

+ 1 other dk chick

6W — 2 remnants

7E (Ho)

PR unocc.

1 P. Shop at "P2"

1 dk fledgling L. Shop

7W — 2 nests unocc.

7E (Hi)

6x — 1 ad adult L. Shop w/

9x sit?

+ 5 lge dk fledglings

on or w/ other nests

Chicks + fledglings: (11)  
occ nests: L5 4

W'front M.A. el 25-3-79

6E

5 dk fledglings present

7E (Ho)

PR unocc.

7E (Hi)

9x w/T sit

+ 3 dk fledglings

Fledglings: (8)

31-3-79

6E

4 dk fledglings } (7)

7E (Hi)

3 dk fledglings }

9x — L5. rep. by L5.

2-4-79

7E (Hi)

9x — L5. sit.

(8) dk fledglings.  
occ nests: 1

Wifront Motel

8-4-79

75 (Hi)

9x none.

(5) dk fledglings  
roosting. flew when  
slightly disturbed.

3-5-79

c. 10 h. Shags roosting  
in oak tree to E.

of Orakeri Bridge.

only one in tree?

July 79

— At least 10 p. shags  
roosting in or ~~near~~  
colony on some evenings.

1979-80

Aug. 79

5-8-79 6 h. Shags in  
2 groups of 3 resting on  
edge of Punaia creek above  
Orakeri Bridge — Incl. 2 Fried  
& 1 all black with yellowbill  
which was fishing.

Wifront Motel

5-8-79

12 none

No birds

Old nests

7W-2

7E-10 (9 high, 1 low)

6W-2

6E-5

19



W/ front MAd  
12-8-79 ————— 5-30 pm

Birds: L. shag ca 8000,  
in trees 7 — most flew  
to Ngapipi Red tree.

P. shag 7 in trees 4-7  
5 - - 10-11

Nests: No new activity  
at birds or nests.

Old nests as follows

7W 3, 4

7E RE Nil

7E NE 11, 12

7E Hi 3, 4, 5, 6, 7, (8), (P7),  
9, 12, 13

7E (ho) (P1)

6W 1, 4

6E 2, 3, (5), 6, 7.

( ) — vacant only

Total: 22

NOTE — Yg P. shag flew into 6E  
& was fed by an adult.

1979 Season

W/ front MAd

2-9-79 ~ 5 pm

A few remaining old  
nests occupied &  
new ones commenced.

Also some pairs in pairs

6E — Nests 3

Pairs 3

6W — Nests 1

Pairs 1

7E — Nests 3

7W — Nests 3

Total nests = 10

(L. Shag)

W/C 3/9 10+ P. Shags  
roosting with L. Shags  
& making loud calls

W' front Mael

8-9-79

5 pm.

On approach most birds took flight.  
(N 50 L. Shag & P. Shag)  
& flew 2 or 3 circuits before landing.

6E Nets 10 L. Shag

6W " 5 "

7E " 3 + 1 P.S.

7W " 5 L Shag

23 + 1

L Shag P Shag

P. Shag nest 5 at site of P1 last season.  
Other P. Shags present in dense paws.

[Photo from Ng. Rd]

W' front Mael

16-9-79

5 pm

From Ngapi Rd could see 37 LS & PS in "6" & "7"  
4 PS in "5"  
1 " " "11"

Obs. nests from below. Birds were disturbed & most flew but landed back at nests on 2nd or 3rd circuit.

Calls L Shag - greeting calls of both birds in vision 1 or 2 warning odd. call (one two or 3 syllable).  
- d's one bird bowing silently.

P. Shag - birds arriving and giving the clattering call. Also loud call.  
Little Black Shag - one present in 6W. Had small white ear tufts.

P. Shags now coming in to  
 Nests & pairs a kind of  
 L Shag P. Shag

<u>6E</u>	Nests	10	—
	Pairs	1	3
	Coups	4	3
<u>6W</u>	Nests	5	—
	Pairs	1	—
	Coups	3	3
<u>7E Hi</u>	Nests	6	—
	Pairs	1	2
<u>7E</u>	Nests	—	2
	Pairs	—	2
<u>7E</u>	Nests	—	—
	Pairs	—	1
<u>7E</u>	Nests	2	4
	Pairs	—	—
<u>7W</u>	Nests	6	—
	Pairs	—	—
	Coups	1	—
<u>Total</u>	Nests	29	4
	Pairs	3	8

W/ front MAel  
23-9-79 5 pm

During past week up  
 to 35 birds have been  
 visible, incl. P. Shags  
 nesting at rd yet  
 nesting.

	<u>L Shag</u>	<u>P Shag</u>
	<u>nests</u>	<u>nests</u>
<u>6E</u>	15	—
<u>6W</u>	5	—
<u>7E Hi</u>	6	—
<u>7E Ls</u>	2	4
<u>7W</u>	5	—
<u>Total Nests</u>	33	4
Took flight when I was she had		

W' front Motel30-9-79

5 pm.

L. Shag giving advertising call.  
— 4 birds. 1 H. B. Shag pres.~~6E~~ L. Shag. P. Shag6E Nets 16 3  
Pairs — 16W N 2 + 1 immoc. 3  
R 4 17E Lo N 4 6  
R — —Hi N 7 3  
R 2 2Rt N — —  
R — 1Rr N — 2  
R 1 17W N \* 5 + 1 immoc —  
R 1 —Total Nets 34 + 2 immoc 17  
Pss 8 6

\* chicks calling.

6-10-79 Mahurangi WestLittle Shag — all black

With yellow bill in mangroves

W' front Motel 7-10-79 4 pm

L Shag P Shag

6E Nets 15 2  
Chicks heard6W N, 1 immoc + 4 occ 4  
R 2 adv 17E Lo ~~N~~ <sup>v tail pulling</sup>  
Nets 5 6Hi N 9 4  
R — 1Rt N — 1  
R — —Rr N 1 1  
R — 17W N 8 —  
Chicks heardTotal Nets 42 + 1 immoc 18  
Pss 2 3

W/ front Mall 13-10-79  
 All day watch of 6E (opposite)

		<u>L. Shop</u>	<u>P. Shop</u>
<u>6E</u>	Nests	15	5
	Rs	1	1

2 chicks in nest (11)

<u>6W Hi</u>	NB	6	3
	R	1	—

<u>6W Lo</u>	NB	—	1
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<u>7E Lo</u>	NB	5	6
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<u>7E Hi</u>	NB	8	4
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<u>7E ps</u>	NB	—	1
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<u>7E pt</u>	NB	2	1
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	R	1	—
--	---	---	---

<u>7W</u>	NB	8	—
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<u>Total</u>	NB	44	21
	R	3	1

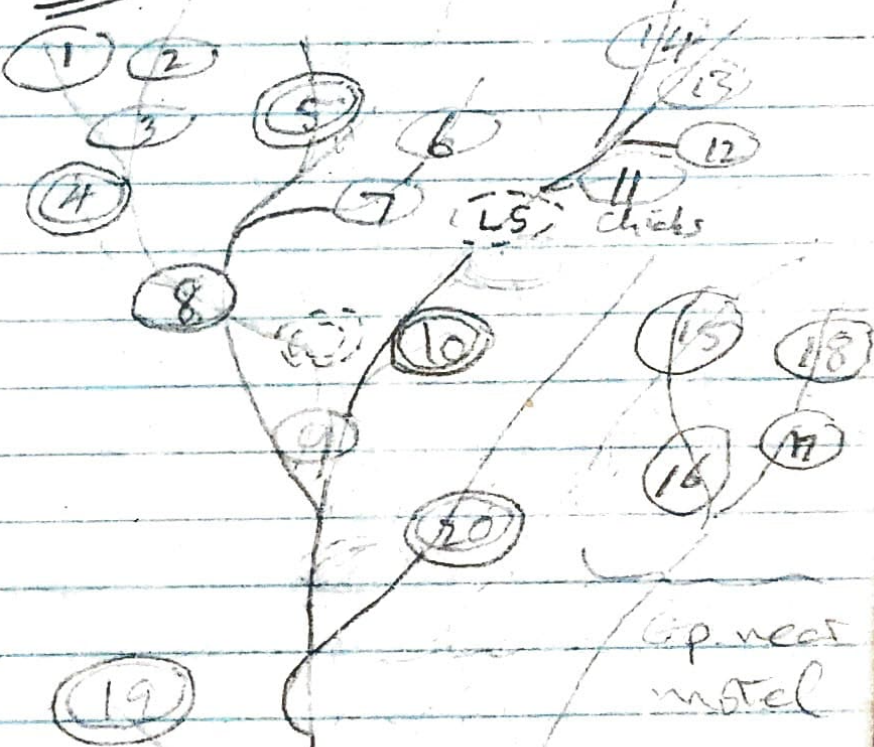
Chicks heard in 6E 6W

7-7W

13-10-79

W/ front Mall

6E



16s 17s 18s 19s 20s

1s 2s 3s 4s 5s

6s 7s 8s 9s 10s

11s 12s 13s 14s 15s

~~16s 17s 18s 19s 20s~~

L.C. - 200 - 1/6  
 PS 11 4.  
 215 8  
 PS 1 3  
 PS 3  
 7E ho LS 5  
 PS 6  
 7E ho PS 2  
 PS 1  
 et. PS 1  
 PS 4  
 PS 4  
 PS 4  
 PS 8  
 PS 8

W/ front Motel 19-10-79

6 pm

19-10-79 <sup>(6pm)</sup>	<u>L. Shop</u> Nests (Res)	<u>P. Shop</u> Nests (Res)
<u>6E</u>	16	4 (1)
<u>6W</u>	7 (1)	2
<u>7E ho</u>	5	6
Left	—	1
RT	1	2 (1)
Hi	10 (2)	4
<u>7W</u>	<u>8</u>	<u>—</u>
<u>Totals:</u>	<u>47 (3)</u>	<u>19 (2)</u>

22-10-79 — Strong winds, but little damage apparent.

28-10-79 <sup>(5pm)</sup>	Nests	Nests
<u>6E</u>	16	4 (1)
<u>6W</u>	9	3
<u>7E ho</u>	3 (3)	6
Left	1 (1)	1
RT	2 (1)	2
Hi	10 (2)	3 (1)
<u>7W</u>	<u>7 (1)</u>	<u>—</u>
<u>Totals:</u>	<u>48 (8)</u>	<u>19 (2)</u>

3-11-79

2 pm

	<u>Day</u>	<u>PS Day</u>
<u>6E</u>	16 15	5
<u>6W</u>	11	2
<u>7E</u> ho	4(1)	6
kt	3	1
pt	2	2
hi	11(1)	4
<u>7W</u>	9	
	<u>58 55(2)</u>	<u>20</u>

Nest 6E/11 - probably used  
 - at least one abledgedly  
 in 6W.

10/11  
6E

acc.

L/S  
 16.

P/S  
 5.  
 5.

6W

~~11~~

2

7E ho

6

5

kt

~~5~~

~~2~~

pt

5

1

hi

2

2

7W

~~12~~

3

9

Looking for cells  
 of work  
 ca. A F1.

Map 10/20/3  
 unrec.

Summary Sept NOV.

Aug. Meeting commenced

in hall Aug

2/8/9	10	Nest of L Shag	2/9
14/9	29	L Sh	4 P Shag
20/9	34	Checks Hd	17
13/10	44		21
28/10	48		19
3/11		→ lot of L Shag	
10/11	60		19
20/11	59	now	20

20-11-79 Almost all L Shag  
~~checks~~ nests occupied  
 Two of 3 are new platforms  
 chicks in a no.  
 of nests, incl. 3 in  
 GE/9. One or two  
 nests may have been  
 re-occupied.

10-11-79

7-30 pm

W/ front 11/11

Nests	L Shag	P Shag
GE	16	5
GW	11	2
TE ho	5	6
lt	5	1
Rt	2	2
Hi	12	3
7W	9	—
	60	19

Many chick calls.

c 5 DL Fledglings

∴ should now be a few old nests.

20-11-79

6.30 pm

Nests	L Shag	P Shag
GE	16	5
GW	10	2
TE ho	5	6
lt	6	1
Rt	2 + 1 pt	2
Hi	11	4
7W	9	—
	59	20



Wolfgang Model

25-11-79 6 - 6:30 pm

L Shag P Shag

occ. unacc. Chicks occ. chicks

6E 15 - 4 5 1

6W 9 2 3 2X -

7Eho 5 - 3 6 1

RE 6 - - 1 -

RE 3 - - 2 -

HC 10 - - 4 -

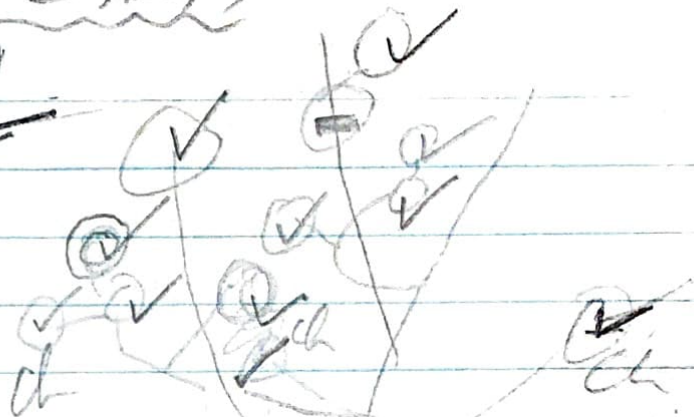
7W 6 2 2 - -

Total 54 42 (12) 26 (2)

59

25-11-79

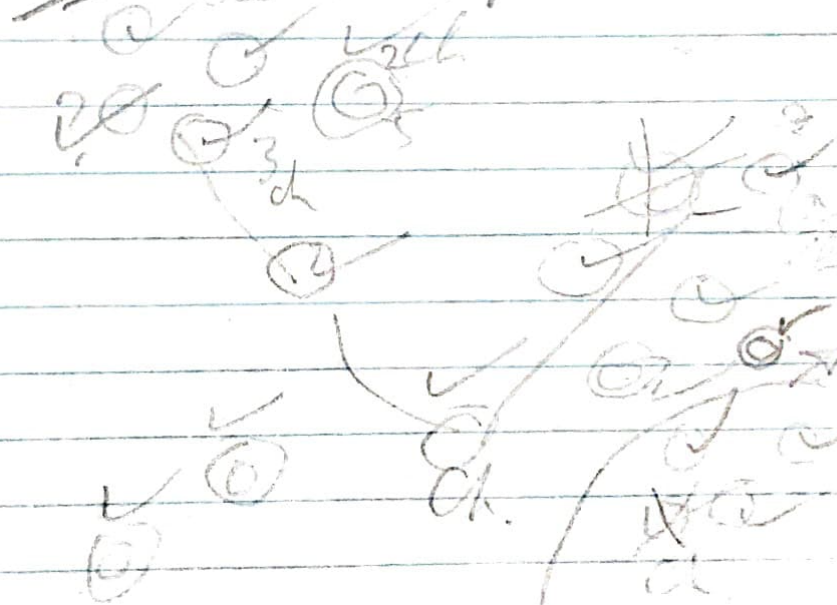
6W



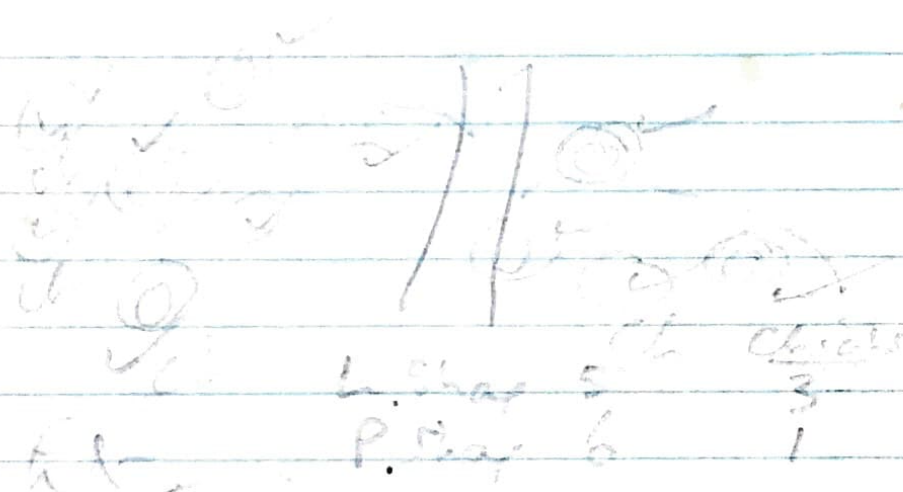
Total note Unacc (Chicks)

L Shag 10 - 1 3  
P Shag 1 - -

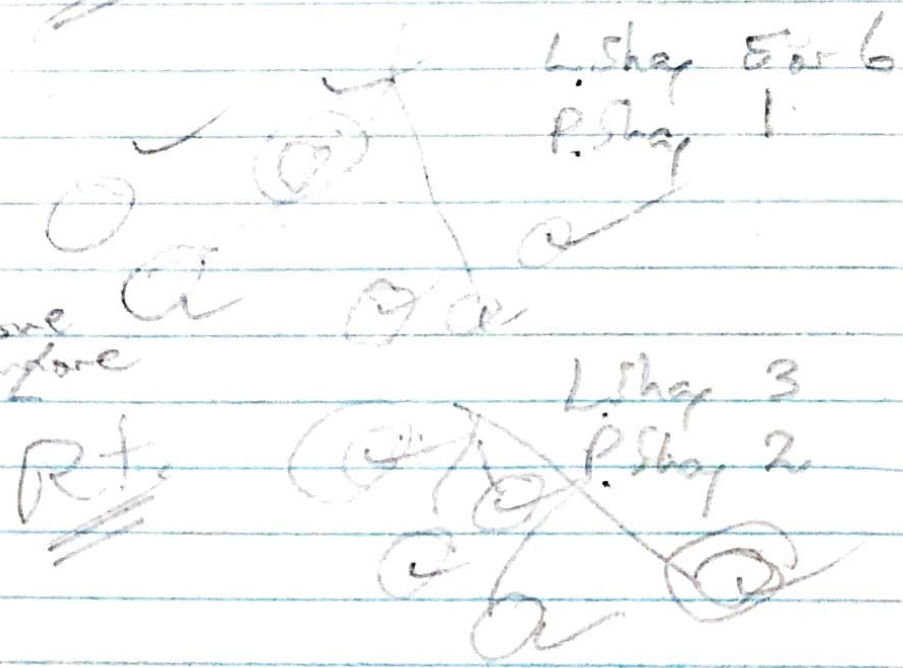
6E L Shag 15 - 4  
P Shag 5 - 1



7E Ca



L. Shay 5  
P. Shay 6  
Chicks 3  
1

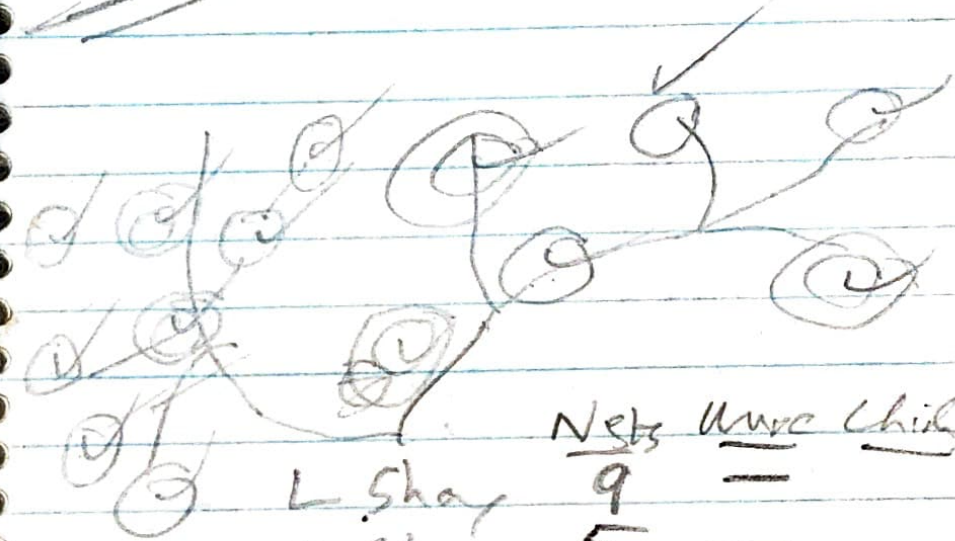


L. Shay 5 or 6  
P. Shay 1

L. Shay 3  
P. Shay 2

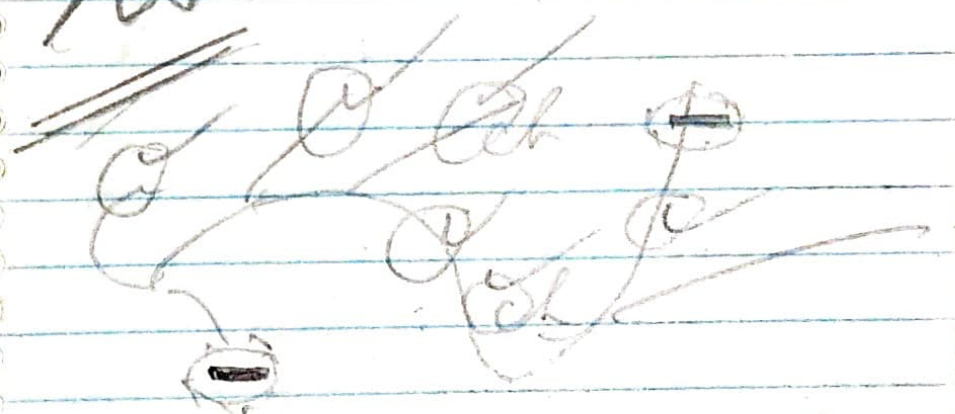
one  
more  
RT

7E H



	<u>Nets</u>	<u>Unoc</u>	<u>Chicks</u>
L. Shay	9	—	—
P. Shay	5	—	—

7W



	<u>Nets</u>	<u>unoc</u>	<u>chicks</u>
L. Shay	8	2	(2)

27. 11. 79

6E

L. Shay  
15 (old)

1 Shay  
5

6W

10 (old)

2 (old)

7E

1 (old)

2 (old)

6

1

7E

3

2

7E

9

5

7W

5 (old)

W'front M'at

27-11-79 6.30-7pm

With Eillian

L. Shay P Shay

Occ <sup>(old)</sup> Unocc Occ Unocc

6E 14 1 5 -

6W 9 2 2 -

7E Lo 5 - 6 <sup>with chicks</sup>

RE 6 - 1 -

RE 3 - 2 -

Hi 10 - 4 -

7W 5 3 - -

52 6 20

NRE - The unocc nests

of L. Shay are ~~old~~

old, used ones. 9m

several cases, with dark fledglings nearby

No new pairs were in evidence.

W'fan Mateo

6-12-79 6:30 - 8 pm  
with Tony Habickens

L Shag

P. Shag

Occ. Old

Occ. Old

6 E

13

5

6 W

9 2

1

For 6 E could only find  
13 little S. nests. and  
for 6 W only 1 Pied  
Shag although there were  
as pairs of Peds sitting  
on a branch as well as  
Kase on the nest.

7 E and 5 6

Unable to get on which  
was high, left & right but a  
total of 24 little S.

and 13 Large Pied nests  
Several juveniles perched on  
branches.

7 W 5 3

W'ford Matile

15-12-79

3-4.30 pm

L. Skag

P. Skag

Occ. Old

Occ. Old

6 E 12

5

Could only find 12 L. Skag nests but may have missed one. Of the 5 Pied nests one had very big young, three very small young (still rather bald & only just covered in down) & the other nest a bird sitting & couldn't see young. Nine juvenile L. Skag sitting on branches

6 W 9 2 1

Pied nest has 3 large juveniles in it. Could see

2 Little Sk. nests with quite big juv. another with 2 juv. sitting nearby on a branch. Other nests had birds sitting on were unoccupied at time.

7 E. Low

Again 11 nests but I think 7 are Pied & 4 Little. 5 of the Pied had large juveniles.

3 nests couldn't see any birds and 1 nest had Little S. perched on edge.

1 dead Little Sk. (juvenile) by an unoccupied nest, it had hung itself on branch - would have been old enough to leave nest.

Still can see on the

remaining nests into order,  
but 26 there still.

1 very small dead Pied  
chick sitting on branches near  
a nest.

Unfortunately I chose a bad  
time for the lens & couldn't  
sort out nests very well

7W 5 3

Away 3 wks over

Christmas

W' Front Motel

4 p.m. - 5.30 p.m.

Jan. 7th. 1980

	<u>L. Shag</u>		<u>P. Shag</u>	
	Occ.	Old.	Occ.	Old
<u>6 E</u>	5	4	4	

All L. Pied nests have  
large juveniles, two juveniles  
have left one nest & standing  
on branches nearby.

3 True Little on branches.

6 W 9 nests

Could only see 2 that  
were occupied by Little &  
5 juv. Little on  
branches.

	L. Shep	P. Shep.
<u>7 E low</u>	1 1	3 1
2 juv.	Pid on branches	
2	Little " "	

Rest of 7 E

Only 21 nests left.

10 nests with sitting birds

6 juv. Pid. on branches.

7 W 8 nests  
3 occupied

2 juv. Little on branches.

N.B. Several nests have  
completely gone in my  
3 week absence. No  
severe storm in that  
time.

W/low Mate Jan. 13<sup>th</sup>.  
5.45 - 6.45 pm.

	L. Shep	P. Shep
<u>6 E</u>	Occ. old	Occ. old
	4 5	3 1

6 W 1 7 1  
3 juv. Little sitting on  
branches.

<u>7 low</u>	3 2
3 juv. Pid on branches	
3 juv. Little on branches.	

Rest of 7 E  
9 5 3 4

10 juv. Little on branches.

7 W. Litter fr.  
6 1 - -

3 juv Litter on branches.

4/Jan Motel Jan 1, 85

2.30pm - 3.30pm

	<u>L. Gray</u>		<u>P. Gray</u>	
	Occ.	Old	Occ.	Old
<u>6 E</u>	4	5	3	1

4 juv. Litter on branches.  
2 juv Pied in each of 3  
nests.

6 W 1 5 1

7 low 2 1

4 juv. Pied on branches  
2 " Litter " "



Rest of 7 E

After very heavy South-  
westerlies for last two  
days this tree seems to  
have been the most  
heavily battered, only 16  
nests remaining from 21  
previous visit & of these  
3 have got a few twigs  
remaining.

Definitely 5 Litter which  
are occupied and 3

Pid. Remaining nests 9  
couldn't see any birds  
on.

9 Litter jw. on branches.

7 W. 6 - - -

Feb. 4th. W/Bow Motel.

2.30 pm - 3.30 pm

<u>6 E</u>	L. Shop.	P. Shop.
	Occ. old	Occ. old
	4	3
	3	1
		3

All the young Pids have  
gone except for one  
nest which still has 2  
large juveniles.

6 W 1  
Five unoccupied nests  
all but two nearly gone.

7 Low

Only 1 unoccupied nest  
left with 1 dead Pid jw.

3 Pied jw. on branches  
3 Little jw. on branches

Rest of 7.

Now only 10 nests left, 3  
of these with only a few  
twigs remaining. One nest  
had jw. Pieds and two  
nests were occupied by Little

3 Little jw. on branches "  
2 Pied jw.

7 West.

4 nests.

3 occupied by Little  
1 unoccupied.

Feb 21st. W/Port Marie

2 pm - 3 pm.

6 E	L. jw	P. jw
	on	old on old
	5	1 3

Only one occupied nest seen  
with very large young Pieds  
5 juvenile Pieds on branches  
and 1 jw Little

6 W 1 1

Remains of 4 other nests  
still there. 1 jw Pied  
sitting near a nest.

7 Low

1 unoccupied nest. Two  
jw. Pied on branches.

Rest of 7

7 nests only left. Only

one seen to be occupied  
by little with very small  
juv. Three juv. Pied being  
fed on branches.

7 West.

4 nests unoccupied

March 13<sup>th</sup> W/Grant Metel

2-2 30 pm

6 E - 7 unoccupied  
nests.

6 W - 1 nest with little  
little Gray  
3 unoccupied nests.

7 Low - 1 unoccupied

Rest of 7 - 7 unoccupied  
one Pied juvenile being  
fed plus one other Pied  
juv. on branch. One dead  
little juv. hanging from nest  
Where there were small  
juveniles observed on Feb. 21<sup>st</sup>.  
Must have all died as no signs  
of adult birds.

7 West - 4 unoccupied  
nests

April 3<sup>rd</sup> W/for Metro  
2 pm.

6 E - 7 unoccupied nests.  
1 pid. Pid on branches, the  
only bird around.

6 W - 4 unoccupied nests.

7 low - 1 unoccupied nest

nest of 7 - 7 unoccupied

7 West - 4 unoccupied

It would appear that nesting  
is over for the season. No  
evidence of pid traps  
building any further  
nests. The last two little  
they nests in 6 W and

in "nest of 7" must have  
been abandoned. The  
nest in 7 certainly had  
very small fins in it  
but 6 w. probably only  
eggs.

W front Motel 1980 - 81

Aug. 9<sup>th</sup> - Little + Pied  
beginning to congregate at  
resting site.

Aug. 12<sup>th</sup> - Some birds  
appear to be pairing off

Aug. 20<sup>th</sup> - Little Sharp  
seen repairing old nests

Aug. 26<sup>th</sup> - 14 nests  
occupied. Little Sharp 12  
Pied Sharp 2.  
Pied Sharp have built new  
nests and all but one  
of Little are old nests.

Nests are  
occupied  
unless noted  
3 pm

Sept '80  
Sept 7th

Nests - Little	Pied
6E 13	3
6W 6	5
7E Hi 8	6
7E Lo -	4
7W Birds pres. -	-
27	19

Sept 20th 10 am

6E 15	4
6W 6	5
7E Hi 10	7
7E Lo -	3
7W 1 (+2 pr)	-
32	19

~~Sept 28th~~

Oct '80  
Oct 4th

Nests	Little	Pied
6E 18 *	4	
6W 7 (2 pr)	5	
7E Hi 11	7	
7E Lo -	4	
7W 3	-	
39	19	

\* Chicks heard & seen (w 1 wk)

Oct 18th

Nests	Little	Pied
6E 16	4	
6W 8 (+1 rem)	4 (1 rem)	
7E Hi -	12 (1 rem)	9 (1 rem)
7E Lo -	4	
7W 6 (+1 pr)	-	
(7E Hi - not all HS/PS disting in head)	42	21

Some well grown chicks  
in 6E nests.

(25) Bird in 67W giving  
mating call.

27 Oct '80 5 pm

Made sketch of 6E,  
located in nests with chicks

<u>Nests</u>	<u>Little</u>	<u>Pied</u>
6E	12	5
6W	10 (+2P)	5
7E Hi	15 (1 rem)	8
7E Lo	—	4 (+2P)
7W	9	—
	<u>51</u>	<u>22</u>

Well grown chick of LS

— some in & out of nest  
large chicks of PS in  
two nests

One of nests in 6E  
had 2 yg: 1 dark  
& 1 becoming pied.  
This is probably the pair  
subsequently photographed  
on 9-11-80.

Nov '80

NOV 9th

Nests

		(With Part 5.)	
		<u>Little</u> (chick)	<u>Pied</u> (chick)
6E	In use	10 (4)	4 (2)
	Rem.	5	—
6W	In use	8 (3)	3 (2)
	Rem.	4	1
7E Hi	In use	15 ?	6 ?
	Rem.	1	—
7E Lo	—	In use 5 (2)	Rem 1
7W	In use	8	—
	Rem.	1	—
	<u>In use</u>	<u>41</u>	<u>18</u>
	<u>Rem.</u>	<u>11</u>	<u>2</u>
	<u>Total</u>	<u>52</u>	<u>20</u>

Took photos of group of  
yg. in top of 6E:  
1 pied & 4 all,  
in company of adults.  
In Dec yg. was flying.

Nov 22nd 5 pm

<u>Nests</u>		<u>Little (ch)</u>	<u>Pied (ch)</u>
<u>6E</u>	Use 8 (3)	4 (4)	
	Rem 4		
<u>6W</u>	Use 10 (1)	3 (3)	
	Rem 1	1	
<u>7E Hi</u>	Use 12 (3)	7 (3)	
	Rem 1		
<u>7E Lo</u>	Use —	5 (3)	
	Rem —		
<u>7W</u>	Use 9 (1)		
	Rem —		
<u>Total in use</u>	<u>39 (8)</u>	<u>19 (13)</u>	
	Rem 6	1	

Many old  $\frac{45}{79}$  (~10)<sup>20</sup>

around 6E & 6W

No pred.  $\frac{LS}{79}$  noted

1 juv Pied Sharp tooth flip

Dec 8th 7 pm

<u>Nests</u>		<u>Little (ch)</u>	<u>Pied (ch)</u>
<u>6E</u>	Use 5 (-)	4 (4)	
	Rem 5		
<u>6W</u>	Use 5 (-)	2 (2)	
	Rem 2		
<u>7E Hi</u>	Use 13	6 (~3)	
	Rem 1		
<u>7E Lo</u>	Use —	5 (~4)	
	Rem —		
<u>7W</u>	Use 7 (1)		
	Rem 2		
<u>2n Use :</u>	<u>30</u>	<u>17</u>	

In area: Tree 11 has

~20 Pied ~10 Little

Shaps nesting

Also a few in Ngapiqi

Red tree

\* New nests of L.S in  
6E (1), 7E Hi (2), 7W (1)



23 Dec

6pm.

Nests

Little (ch)    Pied (ch)

6E Use    3 (1)    2 (2)

Rem.    3    3

6W Use    2 (1)    3 (2)

Rem.    5

TE Hi Use    9 (4)    3 -

Rem.    4    2

TE Lo Use    -    3 (2)

Rem.

7W Use    3 (1)    -

Rem.    5

In use    17 (7)    11 (6)  
              [17]        [5]

No. of yg birds near

nests (w/o LS;

~15 PS).

Also perching in Tuceall

& Ng Roe Tree.

W/ front M Del

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Mrs H. Simons (?)  
— Manageress