

**pacific**



# School Note Book 8B1

SPIRAL BOUND FLAT OPENING

50 Leaves 7mm Feints

NAME

M.J. Taylor

Shag Colony

Hobson Bay

(6)



LS 8132

**"FOR SCHOOL USE"**

LICENCE:  
2122

W/ front Motel 8-1-81

6 p.m.

<u>Nets</u>	<u>Use</u>	<u>Little</u>	<u>Pied</u>
<u>6E</u>	Use	2	2
	Rem	4	2
<u>6W</u>	Use	2	1 (building)
	Rem	4	1
<u>7E</u>	Hi Use	6	6
	Rem	5	1
<u>7E</u>	Lo Use	—	2
	Rem	—	1
<u>7W</u>	Use	5	—
	Rem	3	—
<u>9m</u>	Use	15	11
	Rem.	16	5

One L. Sharp advertisement  
in 7E Hi.

L.S. fledglings: 2 Pa  
7 Jk

W' front Motel 19-1-81

<u>Nests</u>	<u>Little</u>	<u>Pied</u>
<u>6E</u> use	2	2
Rem.	4	2
<u>6W</u> use	2	1
Rem.	3	—
<u>7E</u> Hi use	3	3
Rem.	5	4
<u>7E</u> Lo, use	—	2
Rem.	—	—
<u>7E</u> Back use	2	—
Rem.	—	—
<u>7W</u> use	4	—
Rem.	4	—
	<hr/>	<hr/>
Use	13	8
Rem.	16	6

W' front Motel 2-2-81

<u>Nests</u>	<u>Little</u>	<u>Pied</u>
<u>6E</u>	1 (ch)	—
	5	2
<u>6W</u>	1	—
	2	1
<u>7E</u> Hi	2	1
	6	4
<u>7E</u> Lo	—	2
	—	—
<u>7E</u> Bk	2	—
	—	—
<u>7W</u>	5	—
	2	—
	<hr/>	<hr/>
Use	11	3
Rem.	15	7

All 3 PS nests have chicks.

<u>W' front</u>	<u>MAL</u>	18-2-81
<u>Nests</u>	<u>Little</u>	<u>Pied</u>
<u>6E</u>	—	—
	5	2
<u>6W</u>	1	—
	1	1
<u>7E Hi</u>	1	—
	6	4
<u>7E Lo</u>	—	1
	—	—
<u>7E BL</u>	2	—
<u>7W</u>	2	—
	5	—
<u>Total use</u>	6	1
<u>Rem</u>	17	7

3 LS and 1 PS nest  
have chicks.  
12 PS roosting.  
W/T LS on 7W (South)  
has bright orange  
"beard" on white area.

W' front MAL 4-3-81  
Nests.

— All remnants as  
no longer occupied  
except one or two:

6E 7 remnants

6W 3 remnants

2 dr fledgling L. Shags  
fed by W/T adults.

2 ys P. Shags present

7E Hi 11 remnants

7E Lo 1 P Shag nest

with 1 ~~large~~ fledgling  
2 P Shag adults.

7E BL 2 nest of L. Shag.

1 with chicks, other  
probably unocc.

7W 8 remnants

Nests: 1 L. Shag 1 P. Shag

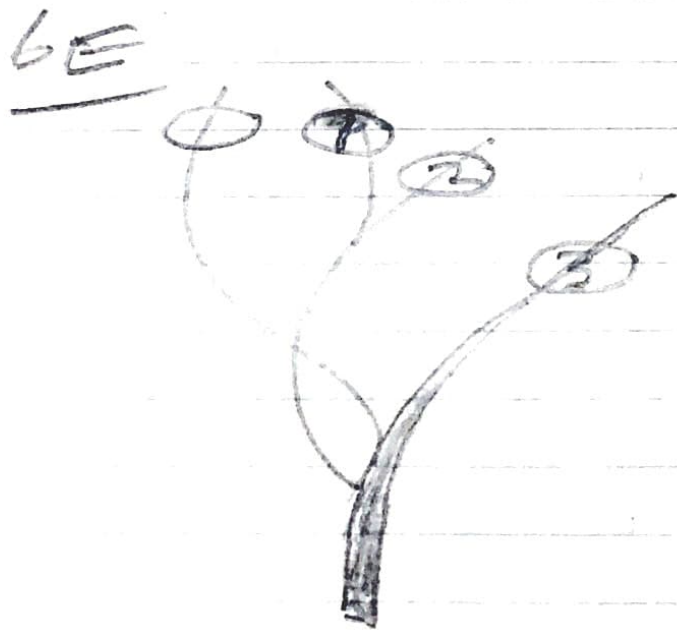
30 remnants

1981 — 82

25-7-81

Dumpy visit to S. Shgs  
along w/ Ernie Dr.  
saw W/T L Shgs  
flying in company with  
all black L. Shgs  
(yellow bill)

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From twisty willow

W/ front of face 1-8-81

~20 PS. & LS. in  
nest trees.

Adv. calls and several  
pairs of each sp. on  
part nests.

Sketch of 6E app.

① PS + PS (with black  
band across breast) on

② LS: FP advertising  
on part nest.

Bowing & calling ooo-oo-oo  
& W/T arr. & greeted.

③ LS: W/T + Sm. on

Remnant nests in 6W,  
7E & 7W.

Birds continued in evidence  
during August

Black R. Shep: 1 at Pub. <sup>29/8</sup> 29/8

W. front Motel 6-9-81 Windy.

Nests, pairs, birds, <sup>or burrowing</sup> advertisement  
& a few egg shells below.

<u>Nests</u>	<u>Little</u>	<u>Pied</u>
6E	9	5
6W	3 (1 pr)	1
7E Bk	4	—
Et	8	1
Rt	7	4
Low	+	2 (1)
7W	4 (1)	—

Occ Nests	35	13
+ pairs	(2)	(1)

No chicks heard

[Tape rec. 19-9-81 <sup>81-3A</sup> <sub>Bd 1</sub>  
— incl. chicks]

Waterfront Motel 4-10-81

Fine

Large chicks in some 45  
nests. Many chick calls  
[Tape recording 81-3A Bd 9]

<u>Nests</u>	<u>Little</u>	<u>Pied</u>
6E	12	4
6W	9	3
7E Bk	3	—
Et	8	2
Rt	6	6
Low	—	5
7W	6	—
	<u>44</u>	<u>20</u>

+ several pairs.

NOTE Strong winds  
~ 25 Sept. do not  
seem to have had  
an adverse effect—

W/ front Hotel 20-10-81

6 pm Five

large fledglings of LS  
in and around nests.

1 LS advertising.

some PS catch calls.

<u>Nests</u>	<u>LS</u>	<u>PS</u>
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6E	13 (+3 PS)	4
----	------------	---

6W	9	3
----	---	---

7E-Bl	3	—
-------	---	---

Hi	15	6
----	----	---

Lo	—	5
----	---	---

7W	6	—
----	---	---

<u>46 (+3)</u>	<u>18</u>	
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W/ front Hotel 1-11-81 3pm

1 LS adv. on part nest in

7E Hi. Many fledglings.

<u>Nests</u>	<u>LS (PS)</u>	<u>PS</u>
6E	10 (3)	4 (1)

6W	12 (1)	1 —?
----	--------	------

7E-Lo	—	5
-------	---	---

Hi	17 (1)	4
----	--------	---

Bl	2 (1)	—
----	-------	---

7W	6	—
----	---	---

<u>47 (6)</u>	<u>14 (1)</u>	
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Check some of above.

17-11-81

<u>Nests</u>	<u>LS (PS)</u>	<u>PS</u>
6E	7 (4)	2 (3)

6W	9 (1)	1
----	-------	---

7E-Lo	—	4
-------	---	---

Hi	11 (4)	3 (1)
----	--------	-------

Bl	— (2)	—
----	-------	---

7W	2 (4)	—
----	-------	---

<u>29 (15)</u>	<u>10 (3)</u>	
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~12 LS sitting. Others with

7. fledglings



W'front Motel6-12-81 7 pm

Several new pairs of  
L. Shaps together, or in  
start of new nests.

Nests	LS <sup>rem</sup>	PS
6E	6 (1)	2 (1)
	incl 1 bldg	
6W	4 (2)	—
	+ 3 PS	
7E	—	3
	Lo	
	Hi	8 (4)
	Bk	5
7W	2 (2)	

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20 + 3 (11) 10 (1)

Several bse of fledging  
+ 1 pair fledging  
in 6E.

During previous wk  
1 of fledging found  
Oiled → P. Howlett

W'front Motel27-12-81 8 pm

A new nesting area of  
L. Shaps in 6W (back)  
had 6-8 nests.

Nests	LS	PS
6E	2 (+ 2 rem)	—
6W	10	—
7E	Lo	3 rem
	Hi	7 (+ 1 rem) 3
	Bk	—
7W	(1 rem)	—
	<hr/> 19 (+ 4)	<hr/> 3 (+ 3)

During Jan. P. Shaps  
could be heard  
giving loud call in  
early morning.

W/ front Nestel25-1-82

6 pm

NestsL ShayP Shay

6E 1 (275) —

6W 8 —

7E 6 —

Hi 5 —

7W — —

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14 Nrd

(+ 2 Rem)

45 in a no of LS nests.

P.S. — several ~~roosting~~ roosting.W/ front Nestel10-2-82

6 pm

NestsL ShayP Shayetc

6E

1 { 1 pd  
1 dk  
chick+ 2 adts  
1 pr  
passing  
twiss

6W

7 (+ 1 rem)

3 pr

7E ho

—

2 sit

7E Hi

5

1 bldg

+ 8 adults

---

13

---

3

(+ 1 rem)

All new

LS : sitting birds + 2

PS : " " + 18

(roosting or in pairs)

W'front M Steel

25-2-82 7pm

	<u>LS</u>	<u>PS</u>
Nest etc		
6E	—	3
		+ 2 pr.
6W	2	2
	(50 km)	
7E Hi	2	4
	(+ 2 pr.)	(incl 3 building)
7E Lo	—	2
	—	—

4 Hi  
(+ 7 pr.) (+ 2 pr.)

Several obj w. LS in 6W.

Σ. 30 P.S. visible from Air Res. at 7pm

W'front M Steel

6-3-82

12 noon

	<u>L Shop</u>	<u>P Shop</u>
6E	—	5
6W	2	2
7E Hi	2	4
Lo	—	2
	4	13

Met folk in near unit.

W'front M Steel 22-3-82

With J & M <sup>5PM</sup> Faulkner

	<u>LS</u>	<u>PS</u>
6E	—	4
6W	2	1
7E Hi	2	4
Lo	—	2
	4	11

All sitting  
No chicks

W' front Model

<u>8-4-82</u>	6 pm		
<u>Nests</u>	<u>LS</u>	<u>PS</u>	
6E	—	5	
6W	2	2	
7E ho	—	2	
Hi	4	4	
B <sub>1/2</sub>	1	—	
	7	13	

have 75 of P. shay in  
7E ho nest(s)

<u>25-4-82</u>	5-30 pm		
<u>Nests</u>	<u>LS</u>	<u>PS</u>	
6E	—	6 (2w. yg)	
6W	2	2	
7E ho	—	2	
Hi	2 (+1R)	3 (+1R)	
B <sub>1/2</sub>	1	—	
	5	13	

Attempted sound recording  
but too much traffic.

W' front Model

<u>9-5-82</u>	4-30 pm		
<u>Nests</u>	<u>LS</u>	<u>PS</u>	
6E	—	5 (+1 rem)	
		[3 w. 2 yg]	
		[2 w. 1 yg]	

6W	2	2	
[1 sil-]		[1 w. 2 yg]	adults ⊙ ⊙
[1 w. 2 yg]		[1 w. 1 yg]	

7E ho	—	2	
		[1 w. 2 yg]	
		[1 w. small yg]	

7E Hi	1 (+2 rem)	2 (+2 unocc)	
	[1 sil-]	[2 w. 2 yg]	

7E B <sub>1/2</sub>	(1 rem)		
	3 (+3 rem)	11 (+3 unocc)	rem.

Filled in a  
Colonial Nest Card.

Waterfront Motel

29-5-82 4-30 pm

Nests LS PS

6E — 3 w. 2yg

2 w. 1yg

6W 2 unocc. 1 w. 2yg

1 unocc.

2E Ho — 1 w. 1yg

1 unocc.

7E Iti 3 unocc. 2 w. 2yg

2 unocc.

2E Blk 1 unocc.

—————	—————
—————	9 w. yg
(6 unocc.)	(4 unocc.)
remnants	

1 yg L.S. all dark was present.

Waterfront Motel

12-6-82 4-30 pm

Nests LS PS

6E — 1 w 2yg

2 w 1yg

6W 2 unocc. 2 unocc.

7E Ho —<sup>rem</sup> 1 w 1yg

6 unocc.

7E Hc 3 unocc.  
<sub>rem</sub>

1 w 1yg

2 unocc.

7E Blk 1 rem.

5 w. yg

Adults (6 rem) (8 rem)

Adults 1 sm. ~ 15

Juv. 1 dk. ~ 6Nestlings — 6

P. Shags roosting in "11"

W/br on d/Steel

5-7-82

5 pm

LS. — non-present

Net  
5 PS 6E 5 unocc nests  
(PS)

1 pr 1 adult, 4 yg.

6W 4 unocc nests  
(2LS, 2PS)

2 TE Lo 1 unocc nest

1 nest (w. PS on)

1 pr 3 adult

6 ZE Hi 6 unocc nest.  
(3LS, 3PS)

~~7E~~ 1 adult, 2 yg.

1 TE Bl 1 removal (w)

14 7W —  
hand calls 9 PS

LS —

PS: 9 ad + 6 yg.

Also ad PS in tree 11

New Season

1982 — 83

W' front Motel

25-7-82 5 pm

LS one pair occ.

old nest in 7E Hi  
(on RHS).

One black fledgling  
being fed by FP adult,  
then seen fishing.

	<u>Nests</u>	<u>Birds</u>
<u>PS</u>		
6E	(4R)	5
6W	(2R)	2
7E Ro	2 occ.	4
7E Hi	3 occ.	5
7E Bl	(1R 1Shag)	
7W	_____	

Occ \_\_\_\_\_  
nests: 5 16

total adult  
Pied Shags

W'front Motel 8-8-82  
5-30 pm

Nest Rec 82-83 Starts	Nests		Adult birds (incl. sitting)	
	LS	PS	LS	PS
6E	-	1 rem	-	14
6W	1 rem	-	-	8
7E Lo	-	2 sit	-	8
Hi	3 sit	3 sit	14	14
		2 bdd		
<u>Total</u>	<u>3</u>	<u>8</u>	<u>14</u>	<u>34</u>

(vcc)

- LS adv. calls heard
- Most PS in pairs on likely sites
- One LS adult has dark patch on RHS

L. Kereta 8-8-82

L Sharp W/T 15  
F/P 6

also juveniles F/P 1  
Dark 8 - some of them just developing white throats.

W'front Motel 29-8-82

6 p.m.

Nests	Adults	
	PS	LS
6E	5	7
6W	5	9
7E low	4	-
7E Hi	5	12
7W	-	-
<u>Total</u>	<u>19</u>	<u>28</u>

- All nests w. sitting or building birds
- several additional ps of each spp.
- Some birds roosting in Tree 11 (check for nesting)

16-9-82 Mrs Hyeman reported that a workman had been shooting birds w. air rifle: She had stopped him.



W/ front Motel 16-9-82

	Nests		Adults	
	LS	PS	LS	PS
6E	10	7	14	12
6W	10	5	20	8
7E 60	—	4	—	7
Hi	15	7	26	14
Blk	1	—	1	—
7W	—	—	—	—
<u>Total</u>	<u>36</u>	<u>23</u>	<u>61</u>	<u>41</u>

Chicks heard from PS  
in 7E, 60.  
Also 5 pos LS + 2 pos PS  
(included in counts  
of adults).

W/ front 3/10

	Nest		Extra	
	LS	PS	4S	DS
6C	14	7		
6S	15	6		
7E 60	—	4		
Hi	16	8		1 pr 4 pr
Blk	2	—		
	<u>47</u>	<u>25</u>		

12-10-82

Y/S 51 501E 2 pr heard

	LS	PS	4S	DS
6E	13	10	1	1
6W	14	6		
7E 60	—	9		
Hi	14	8		1
Blk	2	—		
7W	—	—		

W'front Motel 12-10-82

Observations from Unit 6

5 pm G.

1. Several nests in good view - took photos.

2. LS chicks are heard

3. L.S. adv call heard.

4. An all black LS which flew in ~~the~~ had

yellow bill (yellow lower mandible, upper mandible brown on top, yellow on sides. Trace of white on feathers in upper bill.

No sign of jrl. Gular pouch certainly was a yg. bird of this season. Trace of nest.

5. Elsewhere in colony a dk yg bird was seen which was almost black.

6. Coped at ad. LS which had off.

W'front Motel 3-10-82  
3 pm

Nests

	<u>LS</u>	<u>PS</u>
6E	14	7
6W	15	6
7E Lo	—	4
Hi	16	8
Bl	2	—
7W	—	—
	<u>47</u>	<u>25</u>

All occ. YS of both spp. heard. Also 1 pr LS in 7E

Nests 6 pm 12-10-82

	<u>LS</u>	<u>PS</u>	<u>LS Pairs</u>	<u>PS</u>
6E	13	10	1	—
6W	14	6	—	—
7E Lo	—	4	—	—
Hi	14	8	1	—
Bl	2	1	—	—
7W	—	—	—	—
	<u>43</u>	<u>28</u>		
YS of both spp.				

(Chick dead from a nest - to Museum. wt 0.3g)

12-10-82 (Contd)

6/ ~~Counter~~ colony (PTO)

A small nestling  
fell from NE.  
Nest was stiff &  
it had probably died  
in the nest.

Collected for museum

7/ Dk ~ 6:45.  
P.S. nestlings v. noisy  
at 7:10

8/ AN & greeting calls  
of LS are made by  
both birds

that of PS possibly  
by one bird only

9/ LS adv. call  
at 7:15 000-00-00  
or 00-00

10/ Chicks calling at 9pm  
LS arr. & greet 9pm

11, 10pm Chicks calling

12. 10:30pm PS arr & gr  
LS gr

10:40pm Loud call of PS

11pm LS greet up

11:10pm " "

Chick calls

2am - 3am Some chick  
and adult calls

Made tape recordings

5am - 5:30am Further  
tape recordings w. down  
birds. Stopped before  
sparrows joined in.

Several L shapes began  
gathering nest material

The dab imm. shag (white)  
was back in friction ~~photo~~

6:45am a sitting bird left  
by going 2<sup>nd</sup> downy fledgling  
- they became quiet during  
a rain shower.

8.15 am F/P adult CN.  
 feed the 2 chicks in  
 upper nest (P.W.S.D)  
 Bird has white patches  
 (lines) along under  
 sides of wings at  
 shoulder. Skin of  
 face is yellow of  
 in skin around eye  
 (lids). On some  
 this is dk brown.  
 Moved away from  
 nest after feed chicks  
 but stayed near.

Sitter on this nest  
 had been F/P (? saw)

8.25 am DL imm.  
 returned to its own  
 perch on top of 7W  
 after a short absence  
 (blew in) Stop 9.15

Wolfenbuttel (DLS)

31-10-82

7 pm

L.S.

P.S.

	<u>Nests</u> (W. side)	<u>Extra</u> <u>Adj. Juv.</u>	<u>Nests</u> (W. Side)	<u>Extra</u> <u>Adj. Juv.</u>
<u>6E</u>	13 (12)	7, 2	6 (5) (+ 1 w. 2 ygs)	4, -
<u>6W</u>	8 (7)	4, 3	7 (4)	5, -
<u>7E</u> to	—	—	3 (2) (+ 1 w. 2 ygs)	3, 2
<u>7E</u>	12 (11)	4, 3	8 (7 + 1 w. 2 ygs)	6, -
<u>7E</u>	2	—	—	—
<u>7E</u>	(1)	—	—	—
<u>7W</u>	—	—	—	—

Totals 35, 15, 9 | 24, 18, 2  
 (29) | (18) + 3 w. 2 ygs

L.S. Fledged 19:  
 2 pd + 7 dk

W' front M Del 7 pm

LS

PS

Nests Extra Nests Extra  
(w. sit) Ad Juv (w. sit) Ad Juv

6E 6 1, 5 8 4, -  
(4 + 2 w. ygs)

6W 12 6, - 5, 2, 1  
(6 + 1 w. ygs)

7E Ho 3, 2, 3  
(- , 1 w. ygs)

7E Hi 13, 5, 1 9 6, -  
(10) (7)

7E Bl 2  
(1)

7W 3, 5, -  
(3)

Σ 35, 17, 6 | 25, 14, 4  
(24) (13)

1 P.S. was stained orange on all white areas ⊕ 4 Dh 2 Pd

W' front M Del 8-12-82

(Nests & extra birds) 7 pm

LS

PS

Nest Ad Juv Nest Ad Juv

6E 10 4 1 3 4 2  
6W 9 4 1 3 2 2

7E Ho 2 4 3

Hi 16, 1, 1 6 6 1

Bl 2 1 1

7W 1 1 1

Σ 38, 11, 5 14, 16, 8

Several pairs of L. shag and new blg. activity. Dh + Pied juvs. present.

Wigwag Motel 30-12-82  
 (occ. total nests) 11-30

	LS		PS	
	occ	old	occ	old
6E	11	1	5	—
6W	10	1	2	—
7E <sub>0</sub>	—	—	1	—
Hi	10	3	5	—
BE	—	1	—	—
7W	1	—	—	—
	<u>32</u>	<u>6</u>	<u>13</u>	

Several dk. y<sub>5</sub> ♂ LS  
 one nest w. 1 dk ♀ 1  
 pied chick in 6E

Wigwag Motel. 10/1/83  
 6pm

	LS		PS	
	occ	old	occ	old
6E	11	1	5	0
6W	8	2	2	0
6E	Lo 1	0	1	0
	Hi 9	3	2	0
	Back 0	1	0	0
7W	0	0	0	0
	<u>29</u>	<u>7</u>	<u>10</u>	<u>0</u>

Dark Russell

W' front Motel 21/1/83  
 L.S. P.S. 7pm.

Occup. Old. Occup. Old.

6E	10	2 (L.S. P.S.?)	5	0
6W	7	2	2	0
7E	ho	1 (L.S. P.S.?)	0	1
	Hi	9	2	2
	back.	0	1	0
	<u>27</u>	<u>7</u>	<u>10</u>	<u>0</u>
7W	0	0	0	0

Frank Russell

W' front Motel 12-2-83

L.S. P.S.  
Occ. Old JW Occ Old JW  
birds.

6E	3	6	4	3	2	—
6W	4	4	1	2	—	—
7E	Lo	—	—	—	3	0 3
	Hi	2	4	—	4	2 2
	Bl	—	—	—	—	—

7W —————  
 9, 14, 5; 12, 4, 5

Stormy weather followed 14-15/2/83

2-3-83

West Rec  
82-83 ends

W' front Motel 7 pm

L.S. PS

occ old occ old

6E (Y?) 8 3 3

6W - 5 (Y?) 2

7ER<sub>6</sub> - 1 1

Hi (SIL) 6 4 2

2 19 9 8

⊗ 1 pied juv. L.S. on ground  
seen from Ng. Rd

Trees 6-7 had  
30 P shape roosting

Tree 11 : 20 P. Shy  
roosting

⊗ Probably L.S. nest  
w. 2 d'cyrs.



3-3-83

7am

Juv. L. Shag was still on ground below colony (2 BB Gs near).

It took to the water when approached.

21-3-83

6-30 pm

W/ front Metal

Nests	LS	PS
<u>occ</u>	<u>Dist</u>	<u>occ</u> <u>Dist</u>
6E	9	1 (2y) 4
(2 ad yg)		

6W	7	1 (1 yg) 2
(2 ad yg)		

7E Lo	2	—
7E Hi	5	3 3
	(21)	7 (9)
	(4 yg)	(8 yg)

Roosting	LS	PS
Tree 6-7	4	14
" 11	4	26

24-4-83

Hobson Bay Colony

(from Ngap Co Rd)

	<u>PS Nests</u>	<u>Ad. Juv.</u>
	<u>occ</u>	<u>unocc</u>
6	2	4 } 21 5
7	4	2 }
11	—	9 2
	6	

7-5-83

H Bay Colony

PS Nests.

6 } 2 w. ad. sitting
7 } 1 w. 2 yg.

6-6-83

H Bay Colony

6	—
7	2 occ nest w. 1 yg
	(Many roost in 6, 7 & 11)

W'front Motel

19-6-83

Dis used nests.  
 Roosting at 6pm  
 6 } — 27 P. Shap  
 7 }  
 11 } — 18 P. Shap  
 12 }  
 Adv. calls heard  
 sometimes at night.

30-7-83.

	PS		LS
6E	N	Pr E	
6E	7	3	—
6W	2		

TEO 2

Hi 5

① — 1 200

16

1983-84

30-7-83

Hobson Bay

5.30

L Shag

P Shag

pm

Oce

Ad

Oce

Ad

6E

—

1

7

—

6W

—

—

2

—

7Eho

—

—

2

—

Hi

1

2

5

—

1

16

Total

Roosting

& at

nests

LS

PS

697

3

48

11912

4

15

7

63

Also 1 LBS.

16-8-83 Hobson Bay

6pm

L. Shag      P. Shag

No wood nests - some prs.

Nests      Birds      N      B

6E      1      8      9      19

6W      -      5      3      16

7E Hi      6      12      16      16

Lo      -      -      5      9

7W      -      1      -      -

7      26      23      60

1 PS dead on line in 6E

27-8-83

6pm Obs. from Nagapipi Rd

PS in "6 & 7" : 53 (1 dead)

"11" : 21

Nests ~ 18

30-8-83 Hobson Bay

(6pm) L. Shag      P. Shag

No wood nests. Some prs

Nests      Birds      N      B

6E      3      4      11      20

6W      1      9      7      18

7E Lo      -      -      5      11

Hi      11      13      14      17

Bk      1      2      -      -

7W      -      2      -      -

16      30      37      66

Adv. calls of L Shag

" " " " P. Shag from <sup>Tree</sup> 11

14-9-83 6pm L.S. Nests      PS Nests

6E      6      14

6W      2      10

7E Lo      -      6

Hi      11      10

Bk      2      -

7W      1      -

22      40

Incl. a no. buildings.

3-10-83Hobson Bay

6 pm	<u>LS Nests</u>	<u>PS Nests</u>
6E	16	15
6W	6	10
7E Lo	—	6
Hi	15	11
Bk	3	—
7W	5	1
	<u>45</u>	<u>43</u>

PS chick calls.

Eggs below colony.

20-10-83

6 pm	<u>LS Nests</u>	<u>PS Nests</u>
6E	16	15
6W	5	9 + 1 pr
7E Lo	—	6
Hi	13	14
Bk	5 + 1 pr	—
7W	6	1
	<u>45 (+ 1 pr)</u>	<u>45 (+ 1 pr)</u>

Some large chicks

8-11-83Hobson Bay

6 pm	<u>LS nests</u>	<u>PS nests</u>
6E	17	17
6W	3	12
7E Lo	—	6
Hi	13	11
Bk	4	—
7W	12	1
	<u>49</u>	<u>47</u>

Many chicks, both spp

Some near fledging.

29-11-83

	<u>LS</u>	<u>PS</u>
6E	11	14
6W	1	12
7E Lo	—	6
Hi	9	13
Bk	2	—
7W	11	1
	<u>34</u>	<u>46</u>

Fledglings of both spp.

21-12-83

Hobson Bay  
LS nests      PS nests

8 pm		
6E	4	13
6W	2	8
7E Lo	—	1
He	9	10
Bk	1	—
7W	6	2
	<u>22</u>	<u>34</u>

Fledglings of both spp.

14-1-84

Hobson Bay

6-30 pm

occ. LS nest      PS

6E	3	13
6W	—	10
7E Lo	—	3
He	9	10
Bk	1	—
7W	5	1
	<u>18</u>	<u>37</u>

Fl & Sit: B + H spp.

6-2-84 Hobson Bay  
(W front Mtal)

LS      PS nests

6E	2 (1 occ.)	10
6W	—	9
7E Lo	—	3
He	12	7
Bk	1	—
7W	3 (1 occ.)	1
	<u>18</u>	<u>30</u>

22-2-84 LS

PS nests

6E	2	8
6W	—	6 (1 occ.)
7E Lo	—	2
He	6 (2 occ.)	8
Bk (1 occ.)	—	—
7W 3 (1 occ.)	—	1
	<u>9</u>	<u>25</u>

Mont W. YF.

18-3-84 W' front Motel

LS 2 or 3 Dly g  
— No active nests

6E	<u>P. Shag</u>	} Mainly W. chicks
6W	8	
7E Lo	5	
Hi	2	
	<u>9</u>	
	24	

Also 2 or 3 pvs couv'g

15-4-84

Seen from Ngapipi  
Road. 6 pm.

Trees 6 & 7

PS 20 occ. nests  
PS 58 birds, incl. sitters  
and large yg.

Trees 10 & 11

L. Shag 2, P. Shag 42.

Lucerne Rd

5-7-82

PS 23 occ. nests

LBS 100 (+5) roosting

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HS 15-3

♂

Tail ✓  
Wing ✓

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