

Croxley

LI-FLAT

SCHOOL  
**note book**

Riddle Shag Colony (2)  
— Hobson Bay

NAME

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SCHOOL

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Dickinson Robinson Group Product

Continuation of Study

Little Shaps 24-1-78

W/ front of Hotel 7-30 pm

6W 2. 2 large dark nestlings  
— 1 fed by WTT.

7E 3. Sitting

4. "

8. "

11. 1 dark fledgling on twig  
verruant, WTT alongside.

12 (N) Sitting on nest

13 (S) F/P sitting on platform  
Above + W. of Vantage plus

7W All 4 sitting (Possible 5th)  
(Nests 3, 4, 5 & 8)

Ab: 11 p. hew (incl some WTT) etc

~ 6 p. Various

Note: Russet bird fed F/P  
fledgling. — some dark left  
on face & neck. Dark on  
inside of K. (see previous)

W'front Motel

30-1-78

3 pm.

6W 2. 2 dark fledglings  
nest.

7E 3. Sitting (asleep)

4. "

8. "

12. "

13. "

7W 3. Sitting

4. "

5. "

9. "

(10), (11) New nests —

possibly seen on 20.1.78.

Now a large nest with  
a bird sitting

On backward side of 4

— see sketch 6-11-77.

Also: Some p. brev.

FEB. '78

W'front Motel

3/2/78

9 am & 5 pm (Flanings in unit 5)

6W 2. unocc. (2 dark fl. in 7E)

7E 3. W/T sitting

4. W/T sitting

8. Sitting

12. "

13. "

7W 3. Sitting — anyone probably

4. "

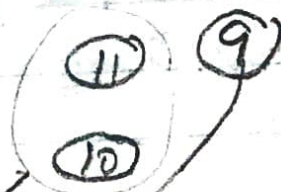
5. "

9. "

10. "

(11)

" — large nest  
not seen before



hidden in foliage.

Little Shags 5-6-78  
Wildlife Refuge at Waiverua

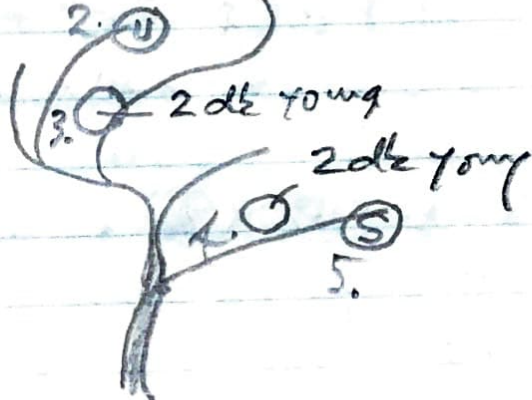
1 F/P

2 W/T — both the same  
young, one having only a  
small white patch on throat.  
Other W/T but dark above  
the bill & around the eye.

Note On 2-2-78 C.A.F.  
saw a "yellow" W/T little  
shag at Tahua-Tarua

Ngapipi Rat 1. (S) 6-2-78

5 nests



Also:

3 dk fledglings; 1 F/P fl. & 1 W/T fl.

W/ front Motel

6-2-78

10 - 10.30 am

6W

2. unocc.

7E

3. W/T sitting. Then flew off.

4. Sitting

8. "

12. "

13. "

(14) W/T on small platform



(14)

(12)

(12)

hard | water

(as seen from below)

7W

3. 2 nestlings <sup>shaking its head</sup> Adult sitting

4. 2 small nestlings F/P on guard

5. W/T (neck) adult flew in,  
& moved alongside, greeted &  
replaced F/P on nest. F/P left.

9. Sitting

10. "

11. "

W'front Motel

8-2-78  
7-7.30 pm

6W 2. unocc.

7E 3. unocc. (Remnant?)

4. Sitting

12. "

13. "

14. Resting on platform

Also: 7 p. various

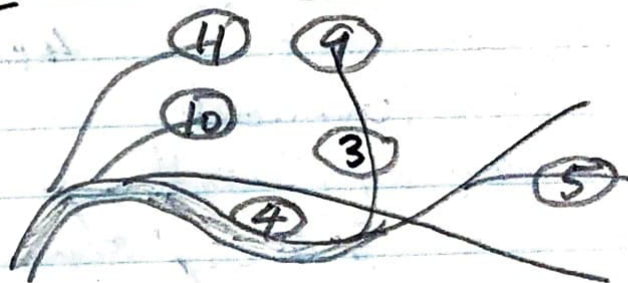
little Shags - 1 dk smudgy,  
1 lt smudgy, 1 pied young  
(dark outside of wings)

1 pod which had white patches  
on back of wings & rump  
flew from 7E.

4 dk young @

NOTE: 2 dk young fed by Wt  
which arrived in silence and  
was immediately approached  
by both young.

7W



3. on guard

4. "

5. Sitting

9. "

10. "

11. R/P sitting

W'front Mstel 12-2-78

6W 2 Remnant 4pm

7E 3. Remnant  
4. W/T sitting  
8. Sitting

12. sitting

13. "

14. "

7W 3. 2 nestlings Adult on gnd.

4. On guard

5. Sitting

9. "

10. "

11. ? sitting

W'front MStel 18-2-78

3.15-4pm

6W 2. Remnant

7E 3. Small remnant

4. W/T sitting

8. W/T (sandy neck) sitting

12. W/T? sitting replaced  
by W/T.

13. sitting

14. "

Nests 12, 13, 14 within 1m.

7W 3. 2 dk. nestlings + adult

4. nestlings

5. AP sitting (has white  
feathers above bill when  
seen from front)

— Possibly heard small chick

9. sitting — working on nest

10. "

11. "

Note Bald head of chicks  
is pale pink.

Ngapap. Rd

19-2-78

2 pm

Numbers up see 6-2-78

1. unocc.

2. "

3. 2 dark <sup>large</sup> nestlings

4. unocc. remnant

5. sitting

Also: several dk. fledglings  
+ 2 dk fledglings ~~in~~  
swimming in creek,  
(not seen to dive)

W' front Motel 19-2-78

2.30 pm

6W 2. Remnant

7E 3. Tiny remnant

4. w/t sitting

8. sitting

12. "

13. "

14. "

Also: 2x sundsy } near 12, 13  
F/P } 14


+ several others

Approach of w/t to vicinity  
of 13, 14 was challenged  
by one of the birds present

7W 3. 2 dk nestlings + adult

4. 2 dk nestlings fed by  
w/t (a neck white), which

stayed ~ 4m away then  
returned to the nest after  
20 mins & again fed the  
chicks.

5. F/P was replaced  
by W/T  - de collar.

W/T greeted on arrival  
F/P left nest which  
was left uncovered for  
~15s. W/T moved to  
examine the nest and  
then sat (calling quietly  
as it did so).

F/P returned after 5 mins  
but did not resume the nest.

9. sitting  
10. "  
11. "

NOTE: Recordings were  
made of the nestlings  
of 7w/3 & 7w/4  
and the W/T adult  
of 7w/5.

W'front Motel 21-2-78  
7pm

<u>6w</u>	2.	Remnant
<u>7E</u>	4.	Sitting
	8.	"
	12.	"
	13.	"
	14.	"
<u>7W</u>	3.	2 chicks
	4.	2 chicks
	5.	Sitting
	9.	"
	10.	" changed over
	11.	Sitting



Okene & all Colony  
26-2-78

visited with Mary Metwen

- Many nests  
(said to be ca 300 birds)
- No nests still in use
- several birds about (adults)
- Took photos of situation

Roosting of p. varius in  
Hobson Bay Colony:

Birds which come on  
towards dusk <sup>7.30pm</sup> still there  
at 7.30am next morning  
eg. 12 birds on 1-3-78

Wifront Motel 27-2-78  
7-7.30 pm.

- |           |    |  |                       |
|-----------|----|--|-----------------------|
| <u>6W</u> | 2  | Remnant                                    |                       |
| <u>7E</u> | 4  | sitting                                    |                       |
|           | 8  | "  | } other birds<br>near |
|           | 12 | "  |                       |
|           | 13 | "  |                       |
|           | 14 | "  |                       |
| <u>7W</u> | 3  | 2 lge dk nestlings                         |                       |
|           | 4  | 2 lge dk nestlings                         |                       |
|           |    | sundry adult near but did<br>not feed them |                       |
|           | 5  | F/P sitting high                           |                       |
|           | 9  | sitting                                    |                       |
|           | 10 | " - has sunset throat                      |                       |
|           | 11 | "  |                       |

Also 11 p.m. brev. incl. one  
"WT" which is sunset brown.  
(perhaps a youngster)  
10 p. varius, incl. several  
which flew in from H. Bay.

MARCH '78  
Ngapipi Rd 4-3-78  
11 am

Nest 5 (6-2-78) had  
1 settling & W/T adult  
on guard.  
Other 4 nests unocc.

Also - several all dk young  
- 1 W/T young fed by adult  
- 1 W/T adult present which  
had white face and russet  
neck.

W/point Motel 4-3-78  
11.30 - 1 p.m.

6W/2. Remnant

7E 4. W/T sitting

8. sitting

12. W/T sitting - 3 small chicks.

Adult moved to "on guard",  
then replaced by 1 Smudgy  
which fed the chicks.

13. FP settling to sit.

14. W/T? sitting

Also: 2 adults.

7W 3. 2 large dark nestlings  
was up about & exercising wings.

Both fed by dk smudgy at nest,  
which left after < 1 minute.

4. 2 large nestlings. 1 is all  
dark (downy around head & neck)  
Other has advertising of white all  
over breast.

Fed by W/T away from nest.

7W 5. 2 small nestlings  
calling & begging to  
F/P adult which fed them  
→ climbing out of nest.  
F/P remained on guard.

9. Sitting

10. "

11. F/P sitting - some ~~smudgy~~  
on breast, chicks?

Nat 1. Below nest in 7E  
were fish bones - flounder?  
- heavy remains of 6 fish  
(1 ~ 12cm long, others  
~ 3cm).

2 High winds.

W/ front Motel 5-3-78  
6W 2. Remnant (12-1pm)

7E 4. Sitting (asleep)

8. Sitting

12. L. Smudgy feeding chicks.

W/T arrived, fed chicks  
+ left.

13. Nest has tilted and  
was unocc. An egg fell.

14. Sitting (Smudgy arrived  
to nest nearby).

7W 3. 2 dk fledglings fed  
by dk smudgy

4. 1 dk fledgling at nest.  
Other ~ 3m away in  
outer branches (sketch P10)

5. Adult on guard (W/T or  
Smudgy) left when F/P  
arrived (w/o calling).  
F/P fed the chicks.

2W 10. w/T (russet throat)  
sitting

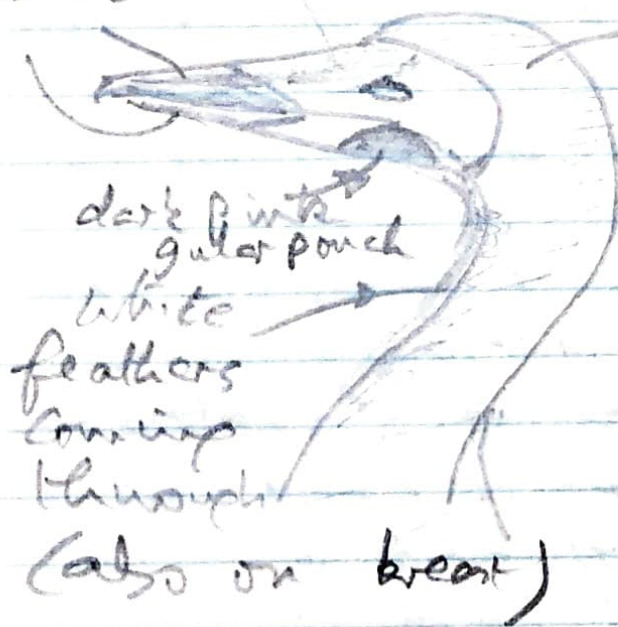
11. F/P (some russet on head)  
covering small chicks.

F/P fledging of 2W/4:

pink skin

black

black  
down



Eye is dark

Remainder of face is white  
skin.

w/ front M/2el 6-3-78  
5-5.45 p.m.

6W/2. Remnant

7E 4. sitting asleep?

8. sitting

12. chicks calling w/T on gal

13. Unoc.

14. sitting

Ab: 3 previous. 1 F/P little

7W 3. 2 dk fledglings near

4. 1 pied & 1 dk fledglings in  
outer branches or took out

5. 2 nestlings asleep.

then fed by F/P which soon left.

9. sitting. F/P took over  
from w/T?

10. sitting.

11. sitting.

NSE

Fledglings of 7W/4 were watching out but took no notice of the arrival nearby of W/P bird (with white neck exp. on RHS). This bird preened and dried wings before moving into the tree.

They became excited on the arrival of P/P and flapped several metres in response to its calls, while remaining silent themselves.

However P/P appeared to have W/O feeding them.

Little Shags in Northland  
Note from SMR

— almost all the birds are yellowish on the white parts and this said to be due to staining eg from iron in the water.  
Who said?

Who took photos of Olave Falls colony?

W'front M'del 7-3-78

(12-12-30)

- 6W 2. Remnant  
7E 4. Sitting, asleep?  
8. Sitting (peering out)  
12. Chicks. W/T flew in  
to feed them. D/Sun which  
had been perched 3m away  
then flew to the nest. Both birds  
fed the begging chicks together.  
13. Remnant  
14. W/T sitting

7W 3. 2 dk fledglings.

one flapping & climbing up  
about & displaying perch in  
response to an adult calling.

Not feed.

4. Unacc. Fl. not seen.

9. Sitting 15.

10. "

11. "

W'front M'del 10-3-78

6W 2. Remnant 5-6pm.

7E 4. Sitting. F/P arrived  
and greeted. W/T moved off nest.  
F/P moved on. W/T flew away.

8. Sitting.

12. Chicks. D/Sun arrived &  
called. Chicks squeaked to be  
fed. ~~W/T~~ Chicks fed after 2 min.

Stayed on guard for 10 min.

Left when W/T arrived & fed  
chicks, then stayed on gd.

13. Remnant

14. Sitting W/T? Replaced  
on nest by W/T.

7W 3. 2 dk fledglings (playing with  
atwig)  
They became excited when D/Sun  
arrived in 7E and called.

One fledgling flew to 7E in  
2 hops. to join the adult and  
was fed. <sup>Adult left</sup> 1 FC stayed in 7E.

After some minutes F/L clambered then flew back to nest where its sibling briefly begged to it.

7W 4. Unacc. F/P fledgling looking out from bench 5m away. It became excited flapping & showing pouch when adult (W/T & neck) arrived near 7WS. Adult flew to nest and fledgling immediately flew to join it and was quickly fed. Adult then left.

Other sibling not in evid.

7W 5. 2 chicks F/P called, moved to nest, fed, stayed long.

9. F/P sitting. Working at twig.

10. Sitting (F/P?). Young glimpsed at a change over.

11. F/P sitting. 2 chicks seen.

Also 9 P. Various - by 6 pm.

Wfront Model 11-3-78  
6pm

6W 2. Perinat  
7E 4. Sitting (asleep)  
8. Sitting  
12. 2 Nestlings  
13. Perinat  
14. Sitting

Also: W/T, 3/5m, 2 dk fledglings  
4 p. Various

7W 3. 1 dk fledgling. Later joined on the nest by the other dk fledgling which had been in 7C.

4. Unacc.

5. 2 Nestlings

9. Sitting

10. "

11. "

W/ front nest 12-3-78  
 6W/2 remnant 4:30-5:15  
 7E 4. Unocc.  
 8. Sitting. hole w/T up. w/T  
 12. 2<sup>nd</sup> nestlings. w/T arrived  
 at nest & stayed some mins.  
 on guard, then left to perch <sup>chicks</sup> calling.  
 13. Remnant  
 14. w/T sitting  
 7W 3. Unocc. 1<sup>st</sup> fledgling  
 ret'd to nest at 4:45 (picked <sup>at twig</sup>)  
 At 5:35 w/T (anecd) fed another  
 1<sup>st</sup> fledgling in 7E and the  
 one from the nest, seeing this  
 flew across & was fed. w/T  
 then left.  
 4. Unocc.  
 5. 2<sup>nd</sup> nestlings. Fed by F/P  
 Later fed by w/T (as usual).  
 F/P fed 1 chick away from nest,  
 then calling softly, moved to nest  
 to feed the other, then the first  
 then it left.

5m	fed	chicks	in 7E
left	4	nest	bed
D	F/P	of	2 w/3
in	7E		1 came
then	older	from	nest
w/T	s	chased	on R/S

20 9. Sitting  
 10. Sitting  
 11. Sitting. F/P arrived  
 and greeted and the sitting  
 bird responded by gaping.  
 F/P moved along side and  
 the chick (E) poked out and  
 was fed by F/P. The sitter,  
 Sundry then moved off.  
 F/P moved on to sit.  
 5m shortly left arrived  
 Also several P.m.b. & P.V.



W'front Motel 13-3-78

- 6W 2. Remnant  
7E 4. Unocc. (w/1 new)  
8. w/T sittings  
12. 2 db nestlings fed by Sm  
13. Remnant  
14. w/T sittings

Also several p. varius arriving  
1 db fledgling with start  
of white-throat. (ex. 7W/4?)  
1 db fledgling ex 7W/3?

- 7W 3. 1 db fledgling  
4. Unocc.  
5. 2 db nestlings calling  
7. Sittings  
10. Sittings - then w/T  
replaced P/P (greeting calls)  
11. Sw. sittings.

Also several p. varius.

W'front Motel 16-3-78

6W 2 Remnant 6pm.

- 7E 4. Unocc.  
8. w/T sittings  
12. 2 large nestlings.  
Adult arrived.

13. Remnant  
14. w/T sittings. Replaced by  
w/T as smudgy.

- 7W 3. 1 db fledgling joined  
by the other which squawked  
(a new call tone). Some bill play.  
4. Unocc.  
5. 2 large nestlings  
9. w/T sittings  
10. Sittings  
11. Smudgy on gal. over 1 chick

Also w/T near 7E/4  
c. 6 p. varius.

Wolfpoint Motel 18-3-78

6W 2. Remnant 4-5.30 pm.

7E 4. Unocc.

8. Unocc? Later W/T  
arrived nearby & called, and  
perched near nest. Did not see  
it assume incubation but later was  
sitting.

12. 2 large dk nestlings. W/T arr.  
nearby, <sup>later</sup> moved to nest, fed chicks, set.

13. Remnant to former perch.

14. W/T sitting.

7W 3. Remnant, 2 dk fl. <sup>fl</sup> were  
later fed nearby having been in 7E

4. Unocc.

5. 1 large dk nestling. The other  
had fallen over the side - ~~nest~~ dead.

9. Sitting

10. Sitting

11. F/P sitting. 1 chick alongside  
Smudgy & took over - on guard

In 7W 11 the sm. adult appeared  
to be peeing at the eggs. After  
some minutes it fed the chick,  
which had been calling & begging.  
F/P while sitting had sb called.

Note: F/P flew in  
closely pursued by 2 fledglings  
(both dark & thin). Quickly  
fed near 7E/14, after which  
F/P left.

Also W/T near 7E/4  
ca 3 p. varies.

Photos Pentax/135mm.

2 photos of nests in  
7W (Nos. 3, 9, 5) taken  
at f2.8 1/60.

W/ front Motel 19-3-78

2 pm

~~5.30 pm~~

- 7E 4. — unocc —  
8. Sitting: Calling & moving  
12. — 2 nestlings —  
13. — Remnant —  
14. — Sitting —

7W 3. — Remnant —

4. — unocc. —

5. — 1 nestling showing white on breast. Fed by F/P which called on arrival. The chick responded with an unfamiliar "Sawawk", F/P stayed near.

\* The dead nestling had fallen & was retrieved, photo, measured & given to museum.

9. — Sitting —

10. — Sitting —

11. 1 chick + Smudgy on gd.

Also 2 dk fledglings — 1 now has yellow l. mandible.

W/ front Motel 21-3-78

11.30 am

6W 2 Remnant

7E 4. unocc.

8. unocc.

12. 2 large dk nestlings

13. Remnant

14. Sitting

Also Dk fledgling flew in with Smudgy adult & was fed.

7W 3. Remnant

4. unocc.

5. unocc. — no sign of the expected remaining large nestling

9. F/P sitting

10. Sitting

11. Dk nestling + adult on guard.

Note Further fish-bone below 7E/12

W/ front Motel 23-3-78

6w 2 Pem.

6 pm

7E 4 unocc.

8 unocc.

12. 2 large dk nestlings near  
+ adult?

13. Pem.

14. w/T sitting was  
replaced by w/T (a bird  
with black "ears" and no  
white on throat). 1 chick  
(1-2 wks) seen.

7W 3. Pem. 4. unocc.  
5. unocc.

9. Sitting

10. Sitting

11. 1 large dk nestling calling  
to adult on guard.

F/P arrived, called &  
moved to nest. Dark Sun  
flew & returned to perch  
in 7E.

7W/11 (cont'd) F/P fed the  
chick (calling as it did  
so). Then settled to  
incubate the eggs which  
evidently remain.

D/Gun of 7W/11



F/P of 7W/11 has  
~~some~~ black feathers on  
outside of thighs.

Aho. 7 p.v.

1 w/T which flew in  
without calling.

1 dk fledgling, joined by  
another which flew in.

1 W.F. Heron flew in  
near 7E/8.

Wifront Motel 28-3-78

a.m.

6W 2. Remuat

7E 4. Remuat

8. Umoc.

12. 2 large dk nestlings fed  
by W/T which stayed nearby.  
The young continued colling.

13. Rem.

14. The Sunday on guard

7W 3 Remuat

4. Umoc.

5. Umoc.

9. Sitting

10. F/P sitting was replaced  
by bird which greeted on  
arrival.

11. 1 large dark nestling.

Tahua-Torea

Mallard

Grey

Mallard x

Mallard

Grey

14, 6

✓ P. Hebe 2, 1

✓ Sivereye H - 104

✓ W/T Shq 1

✓ Stalup 2

✓ G. Finch c 50

✓ W. Swallow 1, 1 (2)

✓ HSE Sparrow H

✓ B. Back Edd 1, 2 (4)

✓ R. Bill Edd 2

✓ Kingfisher 1, 1 (2)

~~C. Jay 2~~

~~STP 2~~

~~P. Stett 4~~

✓ Blackbird 2, 1, 2 (6)

✓ S. Thrush 1, 2 (4)

✓ Fantail 2 ✓ W. Swallow 2

Mudbank

(15 April)

P. sh. l. 2100

1835 196 + 15 (210)

C. sh. l. 350 - 35, 36

Mallard X 23

R. B. Gull 10, 11 (12)

(12)

1 banded begonia, 1 heron

S. P. 31, 32 (63)

(63)

~~R. B. Gull 10~~

R. B. Gull 2

P. Chap 1, 1 (2)

(2)

W. F. Heron 1, 1 (2)

(2)

~~H. Z. 1~~

Sp. A.

S. P. 20

R. B. Gull 80

R. B. Gull 2

Riddell (Red) S. P. 112

R. B. Gull 100

W. front Meadow 31-3-78

5 pm

As before except:

75

12. 2 db fledglings near

14. 1 large db nestling  
+ adult

76

9. Sitting

10. Sitting

11. 1 large nestling + adult

APRIL 78

W'front Motel 3-4-78  
5:30 pm

- 6W 2, Remnant
- 7E 4, "
- 8, "
- 12, "
- 13, "
- 14. 1 large dk nestling

Also 1 F/P adult  
4 dk fledglings  
2 p. Various warblers

- 7W 3, Remnant
- 4, "
- 5, "
- 9. Unocc. — presumably disturbed by the feeding activity
- 9) 7W/11 c 1 m. away.
- 10. Sitting but restless & moving about on nest.
- 11. Pied nestling fed by F/P

W'front Motel 8.4.78  
11:30 am.

- 6W 2, Remnant
- 7E 4, Remnant
- 8, "
- 12, "
- 13, "
- 14. 1 dk fledgling on nest.

Also: 2 + 1 + 2 = 5 dk fledglings  
(one was squeaking & appeared to be squabbling with its nearby sibling(?)).

- 7W 3, Remnant
- 4, "
- 5, "
- 9, " . F/P fledgling (from 7W/11) perched on this.
- 10. Unocc.
- 11. Remnant

Note. F/P fledgling of 7W/11 had wholly white breast, dark downy head & neck, yellow bill.

Ngapipi Road 8-4-78

Several old nest remnants  
1 dk fledgling on the  
back out.

W<sup>4</sup>front Motel 10-4-78

8 pm

7E/14 1 dk large nestling near  
F/P adult flew in to nest.

Young squeaked, begged, fed.

Also F/P, W/T, and 2, 1,  
dk young present

7W/11 1 pied fledgling near  
— bay completely white breast,  
dk neck & head.

7W/10 Bird arrived & greeted  
F/P sitting moved off nest.  
Both flew off (disturbed by  
motel?)

11-4-78

8:09 am

7E 4 dk young : 1 fed.

7W 1 young

7W/10 sitting



Wifront Hotel

15-4-78  
am

6W/2 frequent

7E/4 unacc.

8 "

12 "

13 frequent

14 "

7W/3 "

4, 5, 9, 10, 11 unacc.

Birds 7E on 4 dr yg. in

look out, 1 flew in

WT adult flew in,

detached & promptly left.

F/P young flew in - was

has white breast & white

throat with remnant. Adult

feathers ~~on~~ behind bill and

under chin. Lower mandible

is yellow [This will be

young @ 7W/11]

7W 1 dr young near 7W/5

scrabbling about - down

fell & bump by neck & feet

for a while before recovery.  
Anwata

1 WT & 2 dr young

feeding.

Wifront Hotel 21-4-78

5 pm

After several windy days,

nets 7E/12 & 13 have

gone. Others as 15/4.

1 dr young roosting

Wifront Hotel 28-4-78

pm

Several dr yg. on look out

Net remnants

MAY '78

W/ front Model 23-5-78

Remnants of

6W/2, 7E/3, 8, 12

7W/3, 4, 5, 9, 10, 11.

No birds present at 1 p.m.

JUNE '78

Occasional Little Shags  
seen in the vicinity  
of Orakei Road  
Bridge & around  
Hobson Bay.

Puhoi 25-6-78

A little shap alighted on the water below the cottage and fished for a min. making ~~the~~ dives of the following duration:

10, 10, 15, 15, 20, 15, 15, 10,  
5, 14, 22, 18, 17, 12, 13, 17,  
16, 13, 19, 20, 14, 13, 6, 16,  
10, 14, 14, 17, 22, 15, 16, 17.

Total 32      Max. 22s      Min. 5s  
Average 5.

During this time the bird worked up 100 m. of river and part way back before raising wings then flying off. Time on surface between dives was 5-10s. No food seen to be taken.

JULY 1978

1-7-78

3 pm.

W/ front Motel

Nest remnants much as they were in April.

Note

- 1) ca. 10 birds were in tree 7. They were disturbed by my approach down the bank and flew to alight in Ngapipi Rd. tree.
  - 2) 10% Shaps were resting & preening in a leafless oak below Kepe Rd.
- Little Shap: Pied 4 (one with dark head of juvenile), w/t 6, Wholly dark 1. (with yellow bill).
- Pied Shap: 1.

23-7-78

Wifront Motel

Nest fragments remain following recent drop wind.

ca 6 birds in oak tree roost.

AUGUST 1978

6-8-78

Wifront Motel

6 nest fragments in 7W  
3 " " " " 7E

No Littles present  
1 Pied Sharp "

up to 8 pied's roosting  
of n recently.

Wifront Motel

27-8-78

3 pm (high tide)

Nesting activity had begun. Parts of 5 old nests remained from prev. season:

In 7W nos. "3", "4" & "5"

In 7E no. "8" (a well

hidden nest which was deserted after long incub.)

7W Birds were taking up the 3 old nests. 2 definitely in use ("3" & "4")

7E (low) 3 prs. had begun to build (small platforms) 2 prs of P. Varian were apparently preparing to nest.

(Refer sheets for details)

Present. L. Sharp 27\*

P. Sharp 7

\* F/P 10, W/T 10 Sm 2

Other 5

Nests L. Sharp 5

W'front Nest 29-8-78  
4.30 pm.

7W old "3", "4" & "5" now in  
use.

7E (low) 1 w. P. Shaps had  
built a small platform.  
R. Shap pres present  
Refer sheets

Present: R. Shap 21 \*  
P. Shap 8  
\* F/P 9 W/T 9 Sm 3  
~~Other~~

Nests R. Shap 6  
P. Shap 1

Notes: 1) Are all black (young)  
R. Shap with yellow bill was  
roosting in bw. One  
with white only in throat  
also present.

2) P. Shaps & adj. R. Shaps  
singing & straining towards o.g.



W'front Nest 1-9-78  
2 pm

7W a new nest begun

7E (low) Old "8" now occupied.  
7E (high) Another begun (site of old 7E)  
Refer sheets for details

Present: R. Shap 33 \*  
P. Shap 7

\* F/P 13 W/T 11 Sm 3  
Other 6

Nests R. Shap 9  
P. Shap 1

NOTE 1) P. Shaps are noisy  
in morning - heard from HW. Cues  
~~Notes~~ They call when alone  
as well as on arrival.

R. Shaps seem only to greet.  
2) New nest in 7E (high) had  
D/b on platform & building  
W/T twice flew in with twigs  
(greeting call used).

Wifront Motel 3-9-78  
2 pm

7W Further new nest

7E (low) New nest

Refer sheet.

Present L. Shop 29\*  
P. Shop 4

\* F/P 9 W/T 13 Sun 2

Other 5

Nests L. Shop 13  
P. Shop 1

Wifront Motel 5-9-78  
Noon

Refer sheets

Present L. Shop 41  
A. Shop 6

~~\* F/P W/T~~

~~Other~~  
Nests L. Shop 14  
P. Shop 31

Wifront Motel 9-9-78  
3.30 pm

Refer sheets

Present L. Shop 45  
P. Shop 13

Nests L. Shop 20  
P. Shop 4

W'front Motel

11-9-78

6pm.

Refer sheets.

Present L. Shag 56  
P. Shag 13

Nests L. Shag 21  
P. Shag 5

W'front Motel  
Refer sheets

14-9-78

9:30am

Short visit revealed  
several new nests in 7E (high)

Nests L. Shag 25  
P. Shag 5

Additional likely pairs

L. Shag 7

P. Shag 2

15-9-78

6pm

Confirmed above

Hobson Bay Shags 16-9-78

Nests from Awerua Ges

At 6.30 am. additional  
birds (p. various probably)  
are visible in trees 6  
(~8) & 7 (10+).

Calling can be heard  
from Awerua. I have  
also heard calls late at  
night & earlier in morn.

At 7am. a flock of  
~10 left tree 6.  
Those in tree 7 remained.  
several others in tree 11.

L. Otatou —

L. Kuwadrai

P. Shag along — 14 nests occ  
& 1 nest of P. Carbo.

L. Shag along — 29 unused  
per G.W. Sept 78 nests

18 R. Shags near P. Shag along.  
R. Kereta — 30 Rt. Black Shags.

W. front M. Ad

		<u>Nests</u>
<u>19/9/78</u> (noon)	LS	25
	PS	6
<u>24/9/78</u> (6pm)	LS	29
	PS	6
<u>28/9/78</u> (9am)	LS	31
	PS	6
<u>30/9/78</u> (4pm)	LS	30
	PS	6

Refer sheets for details

<u>4/10/78</u> (9am)		<u>Nests</u>
	LS	34
	PS	7

Refer following PPS

W. front M. Ad

4/10/78

9 am.

7W

1. W/T sit. Rep. by W/T & nest
2. sit
3. sit
4. W/T sit
5. sit
6. W/T sit. Rep. by W/T & nest, which returned <sup>several times</sup> with twig. Added to nest by sitters.

⑦ F/P on small platform

Note: Chicks could be heard. Possibly from nest 3.

7C

1. W/T (as 5m) sit.

Total 8 L.S. nests



7E (left)

- P4. P.S. sit
- P5. P.S. sit + P.S.
- 1. sit
- 2. W/T nit
- 3. sit

7E (right)

small platform

- P6. P.S. + P.S. on <sub>A</sub> — building
- 1. D. Sm on. joined by L. Sm  
(ie. pied with black speckles)
- 2. F/P sit
- 3. W/T nit
- 4. W/T? sit
- ⑤ W/T on small plat.
- 6. F/P sit
- 7. F/P? sit
- 8. W/T on
- ⑨ W/T on

Total 12 L.S + 3 P.S. nests

7E (high)

- 1. W/T nit
- 2. W/T nit
- ⑦ P.S. on small plat.
- 3. sit
- 4. sit
- 5. on
- 6. on

7E (low)

- 1. sit
- P1. P.S. on joined by P.S.
- 2. sit
- (N) 3. sit
- 4. sit
- 5. P2. sit — P.S. on
- ⑦ W/T (as D. Sm.) on
- 8. sit
- P3. P.S. sit
- ⑨ F/P pres.
- 10. W/T rep. by F/P (some black spots on breast)
- ⑪ W/T + W/T pres.
- Total 14 + ② L.S + 4 P.S. nests

W1 front N.Acl 7-10-78  
(with RT to take photos) 4 → 6.30 pm

7W

1. sit
2. sit
3. sit
4. sit
5. L/Sun sit
6. sit
7. F/P on, joined by W/T. F/P  
over left, returned later

Note chick could be heard  
— Possibly 7W3

7C


1. sit

7E (Left)

- P4. on  
P5. sit
1. sit
  2. sit
  3. W/T sit. F/P on. 9 W.

7E (Right)


P6. On

1. Sun on joined by L/Sun "Necking"
2. sit
3. sit F/P? Sun
4. F/P sit
- (5) W/T pres. joined by F/P. Sun  
later joined F/P which took hold  
of its head & tumbled, watched  
by orig. W/T + 2 others.  
Sun. then left.
6. sit
7. F/P sit
8. Sun on. W/T on & greet,  

9. W/T + Dr W/T on and building  
— Both have crests but one  
has little white on throat  
& some slight white fleck on  
neck  
— towards dusk
- (10) W/T + W/T present

## 7E (high)

1. W/T sit rep. by Sw.
2. W/T sit F/P act. & greet
3. F/P sit
4. W/T sit
5. Sit Dark bird with white only on chin and nearby in 6W.
6. F/P? sit
7. W/T on platform [P. + ? - P.] 19/10
8. F/P bowing & calling "krrup" joined by W/T
9. W/T + F/P present, greeting indulging in neck twisting & calling.

## 7E low

1. Sit
  2. P1 PS on + PS bring up twig
  3. Sit
  4. Sit
  5. W/T rep. by F/P
  6. P2 on
  7. Sit
  8. W/T (sundry neck) + W/T  on
- NB — this is not the pair W/T + F/P earlier using this nest. Either a take over or a change of partner has occurred.

8. Sit
9. Sit
10. F/P + F/P trying to place a long thin twig. F/P left — returned later.
11. W/T (or Sw?) on
12. W/T pres. later joined by W/T

Note 1) Chicks heard — possible from "1", as well as from 7W.  
2) up to 10 other P. Sheeps vowing in trees 6 & 7.

PHOTOS P2; 7E(RE)/3 & 4;  
7E(RE)/6, 7, 8, 9; (from below)  
7E(low)/P3 & 7; P1, (9) & 2 (from below)  
2W/7 (from below to left)  
various indiv. & groups (from fork below). Taken by R.T.

Ngapipi Road 7-10-78

One or two birds roby  
in the tree, but no  
building in evidence.

W/ front Motel 8-10-78

(Tape recording) 6.30-7.30 am

Notes on pairs w/o complete  
nests: -

7W/7. F/P on. W/T joined later.  
F/P off.

7E(12)/5 F/P pres. 1 or 2 other  
1/10 W/T pres. LS near.

7E(11)/10 W/T + F/P pres. + greeting  
1/10 F/P pres.

7E(10)/9 F/P pres. F/P joined sept.  
1/11 W/T pres.

Other clays over obs. (8-10-78)

7W/3 W/T rep. by W/T  
1/5 L/S made three attempts  
to fly in to nest. Once

landed near 7W/1 & greeted  
but then flew off. At third attempt  
landed near 7W/5 & stayed.

7E(low)/5 W/T on & F/P left.  
1/8 W/T rep. by W/T

lense.

Signa 135mm is said to  
have a magnification of 2.7x  
200mm 4.0x (10°) & 20° view 18°  
300mm 6.0x (8°)  
100mm 2.0x (24°)  
20mm 0.56x (74°)  
ie. 50mm = 1.0x & 20° view

Takahoa Reef, Otamatea R  
Colony in dead mangroves  
in impounded creek.

Visited 25/3 & 27/3/78

Pied Shear — 53 birds

22 nests (19 occ)

Little shear — 5 birds { 2 w/eggs  
2 seen  
1 FRP

1 nest occ.

Little black shear — 8 birds

Black shear — 2 birds.

L. Waipapa N of L. Tapa  
22-11-78

Little shear — 5 (w/eggs)

Little Black Shear — 12

Black shear — 3

L. Rotorua Colony - <sup>Okere</sup> Falls

Andrew & Mary McEwan

Okere Falls 725

Ask Maori Corp. Manager

photos — Chambers, A.L.