

AUCKLAND MUSEUM

Geoffrey Armstrong BUDDLE papers

Inventory of the papers of G.A. Buddle (1887-1951) held at Auckland Museum (MS 93/25). Compiled by Michael Taylor, land vertebrates volunteer, during 2011-12.

Section 1: Correspondence 1937-1949

Section 2: Canton Island Expedition Notebook (18 May to 5 July 1937)

Section 3: Field Notebook 1 (N.Z., 4 Sep 1936 to 23 Oct 1937)

Section 4: Field Notebook 2 (N.Z., 28 Oct 1937 to 26 Jan 1939)

Section 5: Field Notebook 3 (N.Z., 17 Oct 1939 to 1 Dec 1940)

Section 6: Field Notebook 4 (N.Z., 25 Sep 1941 to 18 Jan 1947)

Section 7: Field Notebook 5 (N.Z., 4 Nov 1947 to 15 Mar 1950)

Summaries of these notebooks are given below listing the dates and places visited with details of the contents, particularly the records of birds and other fauna, to provide a key to Buddle's collecting, photography and other interests.

The notebooks are hand-written in pencil and have a consistent style throughout, with records of the persons involved, the weather conditions and other details. Visits and expeditions to islands are an important feature. Besides the presence and size of nesting colonies and information on species local to particular islands, there are observations made at sea. Other fieldwork covered sites in the Auckland region and elsewhere, particularly coastal areas and wetlands, where Buddle recorded a wealth of information on the fauna and flora of these specialised habitats. He seems to have had a flair for finding bird nests and the notebooks provide many records, including those of fernbird, pipit, bittern, and dabchick which he also photographed, often using a tent as a hide.

Buddle's notebooks are an important historical source of information on New Zealand's natural history recorded at first hand over a 15-year period by a careful observer.

SECTION 1

Correspondence, 1937 - 1949 (Folder 4)

Date	Correspondent	Subject
26/06/1937	E H Bryan, Bishop Museum	Canton Is.
12/07/1937	C B Michie	Personal (Solar Eclipse Exped'n)
07/10/1937	R A Falla, Canterbury Museum	Bird photos
26/04/1938	R A Falla	Phoenix Is.
31/08/1938	R A Falla	Bird photos
21/09/1938	R A Falla	Bird photos (Dabchick)
09/11/1938	Secretary, RAOU	Membership of GAB
23/11/1938	R A Falla, Canterbury Museum	Canton Is. (skins)
21/12/1938	E H Bryan, Bishop Museum	Canton Is.
24/02/1939	E F Stead, Ilam	Eggs (esp. Stilts)
19/03/1939	J Peach, Gisborne	Photos ex Weekly News
22/04/1939	J Peach	Photos
06/06/1939	Dept of Internal Affairs	Photos, Centennial Ex.
27/06/1939	Dept of Internal Affairs	Centennial Exhibition
01/07/1939	C Bryant, EMU, Melbourne	Paper (Grebes)
05/10/1939	Canterbury Br, Roy.Soc.NZ	Sub-Antarctic Is.
16/10/1939	W R B Oliver, Dominion Mus.	Photos

04/11/1939	?? writer, Marton	Identification of eggs
18/11/1939	J Peach, Gisborne	Photos ex Weekly News
26/11/1939	Mona Gordon, Remuera	Bird photos
04/12/1939	Sec. Forest & Bird Society	Use of bird photos
06/01/1940	R H B Stidolph, Masterton	Records of Rails
28/01/1940	R A Wilson, Bulls	Kiwis etc. & book list
27/08/1940	C Bryant, EMU, Melbourne	Paper (Grebes)
29/10/1940	Commissioner of Crown Lands	Permit, Hen/Chicken Is
18/11/1940	To Crown Lands	Report by Buddle
23/12/1940	Crown Lands	Ackt. Of GAB's report
25/11/1940	E F Stead, Ilam	Eggs of R-B Gull etc.
12/01/1941	R A Wilson, Bulls	Egg collecting (L-T Cuckoo)
15/01/1941	W R B Oliver, Dominion Mus.	Eggs (Spotless Crane)
	[Egg measurements - Crane, P. bulleri]	
26/01/1941	C A Fleming, Geological Camp	Papers, bird notes,
21/02/1941	J Peach, Gisborne	Visits to White Is & LB Is.
25/02/1941	C A Fleming, Norsewood	Propn. Pied & W-T Lt. Shags
17/03/1941	A H Pickmere (Surveyor)	Use of Poor Knights Is. map
28/04/1941	C A Fleming, Ormondville,	Papers, bird, eggs
02/05/1941	C Bryant, Melbourne	Papers (Poor Knights Is)
14/05/1941	H T Wenham, Levin	Advice on bird photography
18/06/1941	R A Wilson, Bulls	Personal (papers)
19/06/1941	G Archey, Auckland Museum	Thanks re photo exhib.
	[Note giving two addresses]	
18/07/1941	C Bryant, Melbourne	Crake photo plates
28/07/1941	B J Marples, Otago Univ.	Negatives to OSNZ
03/08/1941	C A Fleming, Norsewood	Publication, GAB & Richdale
10/08/1941	R A Wilson, Bulls	Poor Knights Is trip
11/08/1941	M E Fitzgerald, Tirau	Nest info for Shoveler
14/08/1941	R A Falla, Canterbury Museum	P K Is, photo exhib'n.
15/08/1941	Weekly News	Payment for bird photos
17/08/1941	W R B Oliver, Seatoun	P K Is paper, Mokohinau Is.
18/08/1941	L E Richdale	P K Is paper, bird photos
22/08/1941	Sec. Marine Dept.	No permit for Mokohinau Is.
25/08 & 21/09/1941	G Matthews, Librarian, Canberra	Paper/stamps
06/09/1941	A J Iles, Rotorua	Nesting Grey Teal, Shelduck
11/09/1941	A B Murrell, Murupara Lodge	Nesting of Blue Duck
11/09/1941	A Kean, Conservator Fish & Game	Grey Teal nesting
16/09/1941	R A Falla, Canterbury Museum	Prints, island visits
04/11/1941	C A Fleming, Hokitika	Personal, intro Wodzicki
26/11/1941	C A Fleming, Remuera	Mangawhai & Pakiri (Terns)
28/02/1942	A D Galsworth (?), Turangi	Personal, GAB's health
09/12/1942	Commissioner, Crown Lands	Permit to Poor Knights
	[Three letters re pig hunting on P K Islands]	
17/02/1943	GAB's report of visit to Poor Knights with Wilson	
21/02/1943	R A Wilson, Bulls	Visit to Poor Knights Is.
29/11/1943	Naval Officer-in-Charge	Permit for Fanal Is.
22/12/1943	Commissioner, Crown Lands	Permit for Fanal Is.
05 & 14 & 23/12/1943	R A Wilson, Bulls	Visit to Fanal Is.
18/12/1943	P A Elworthy, Timaru	Visit to Fanal Is.
15/08/1944	R A Wilson, Christchurch Club	West Coast trip
13/03/1945	C A Whitney, Auckland	Hybrids Mallard X Grey Duck
25/03/1945	R A Wilson, Bulls	Whitney's letter re hybrids
Monday 14 th	Magnus Johnson	Three Kings bird sightings
21/12/1945	R A Wilson, Bulls	Three Kings Is. trip
30/06, 22/07, 01/09, 16/09/1946		

	R A Wilson, Bulls	Notes of trips & birds seen
17/08/1946	W R B Oliver, Seatoun	Three Kings Is. Papers
14/12/1947	R A Wilson, Bulls	Trips & bird notes
12/01/1948	E F Stead, Ilam	Sending Cape Pigeon eggs collected by Falla
on 5/12/47	from Western Reef	
09/02/1948	From G A Buddle to Mr Phillips	New Zealand bats
13/08/1948	J S Armstrong, Taupo	Shags & gill fungus disease
17/08/1948	R A Falla, Dominion Museum	Shags, trout parasites
14/07/1949	Bob Marchant, Manganui	Personal (birds & fishing)
27/12/1949	R A Wilson, Bulls	Stores ex deer-stalking trips

Institute & Museum circular from G Archey conveying two articles: 'A Friendly Chat about Shags' regarding the blunder of declaring all shags "Black" and the response defending the position of the Auckland Acclimatisation Society, author Colin M Gordon, Secretary

SECTION 2

Canton Island Notebook 1937

Expedition to observe solar eclipse on Canton Is. 18/5 to 5/7/1937

[Entries often cover several pages for each date; this summary records the main features & picks out the ornithological details]

<u>Date</u>	<u>Location</u>	<u>Notes (*nesting, +specimen, Photo/Movie)</u>
<u>18/5/37</u>	Left Auckland by 'Niagara'	Usual petrels; vast number of diving petrels. Then no birds until near Suva on 21/5 - frigates & 1 or 2 petrels. On to HMS 'Wellington' with Michie.
<u>23/5/37</u>		Frigate birds, boobies & uni/d petrels, flying fish.
<u>24/5/37</u>	Meridian Day ;	petrels, terns (wideawakes), Kermadec petrels (?), white-tailed tropic bird, bosun bird.
<u>25/5/37</u>		Many birds; chiefly wideawake terns, black-naped terns, frigates & booby. Tried spot-lighting [with little success]
<u>26/5/37</u>	Canton Is.	American ship 'Avocet' in the best anchorage. Frigate birds*, red-tailed tropic birds, blue-faced boobies, wideawake terns, white terns.
<u>27/5/37</u>		Took <u>movies</u> of frigate birds*, blue-faced & red-footed boobies* on nests. Collected eggs+ of all three species.
<u>28/5/37</u>		Collected eggs+; white tern (1), spectacled tern (12). Took still <u>photos</u> . Noted land crabs & rats. 'Curlew, plover, sandpiper, etc on outer reef'.
<u>29/5/37</u>		Planting coconuts. Nests of red-tailed tropic bird, common noddy, white tern (<u>photo</u>), blue-grey noddy, curlew, turnstone, frigate bird*, booby*.
<u>30/5/37</u>		Tropic birds* (<u>movies & stills</u>) Christmas petrel*, golden plover, dotterel (banded?).
		Unveiling ceremony of National Geographical Society tablet.
<u>31/5/37</u>		Spectacled terns* (2000), took <u>photos</u> & collected eggs+.
		Common noddy*, white terns, frigates & tropic birds, <i>S. fuscata</i> .
<u>1/6/37</u>		Skinning specimens of terns. Tried to catch lizards [no luck]. Shot a curlew+, pair of plover+ & phoenix petrels+.
<u>2 to 6/6/37</u>		Daily notes of further visits to the bird colonies with more collecting. Additional species mentioned: brown booby, white-naped tern, <i>P. assimilis</i> , <i>S. luscata</i> .
<u>7/6/37</u>		Skinning & bottling specimens.
<u>8/6/37</u>	Eclipse Day	Cloudy start, then clear conditions. Activities described in detail with successful outcome.
		Last try for egg of 'Christmas petrel' Collected specimen+ from its burrow [failed to identify]. Embarked at 4.30 pm. Noted school of whales & fish of many colours.
<u>9/6/37</u>		Skinned 'shearwater' [8/6]. Can't i/d, 'a job for Falla' <u>10/6/37</u> 'Feeling very second rate, slept badly & full of groans'
<u>12/6/37</u>		Arrived at Apia .
<u>13/6/37</u>		Developing eclipse photos - turned out well. Also some of own films (20 rolls) - 'turned out fairly well on the whole'. Lunched at Government House
<u>16/6/37</u>		Drive through cocoa plantation.
<u>18-19/6/37</u>		'Still feeling rotten, lay around for several days doing nothing'
<u>23/6/37</u>		Took ship. A talk on the birds likely to be seen on Christmas Is. & Fanning Is.
<u>24/6/37</u>		Arrived Niue . Very few birds seen; 1 or 2 terns & a couple of white-tailed tropic birds
<u>27/6/37</u>		Killer whale. No birds today.
<u>28/6/37</u>		1 or 2 brown boobies, wandering albatross, petrels
<u>29/6/37</u>		Wandering albatrosses, fair no. of petrels, probably <i>griseus</i> or <i>macroptera</i> .
<u>30/6/37</u>		Wandering albatross (<u>photos</u>), grey-faced (?) petrels.

3/7/37 **Meridian Day**

4/7/37 Half a gale. Many Cape pigeons, albatrosses, mollymawks & a few
whale birds

5/7/37 Off Portland Is. Hundreds of giant petrels, Cape pigeons,
mollymawks & black-backed gulls following this morning.

SECTION 3

NOTEBOOK 1 from 4 September 1936 to 23 October 1937

<u>Date</u>	<u>Location</u>	<u>Birds (*denotes nests or eggs, +specimen)</u>
<u>4/9/36</u>	Tutukaka	Black-backed gull feeding on lamb
<u>9/11/36</u>	Motuihe	White-fronted terns* 15-20 birds (<u>photo</u>)
<u>10/11/36</u>	Bird Rock False Watchman I, To Port Fitzroy	Skuas, gannets*, w-f terns*, starlings Diving petrels*+ Grey-faced petrel, Bullers shearwater White-bellied storm petrel, fluttering s-w (<u>photos</u>)
<u>11/11/36</u>	Gt Barrier, Saddle I Arid I Island N of Arid	Diving petrel*, fluttering s-w* Grey-faced petrel*, lizard or gecko+ Grey-faced petrel* GBI Pied shag* <u>photo</u> Gannet rookery* [Sketch map of GBI]
<u>12/11/36</u>	To Mokohinau Mokohinau	Shags* probably nesting White-bellied storm petrel*, r-b gull* <u>ph</u> At Diving petrel, fluttering s-w, fairy prion Cooks petrel, Bullers s-w, g-f petrel, mutton bird Wedge-tailed s-w, stormy petrel, mollymawk (<u>photo</u>)
<u>13/11/36</u>	Kawau, Goat I Motutara	Blue penguin*, blue crane* [heron] 4 nests White-fronted terns* ca. 200 (<u>photos</u>)
<u>14/11/36</u>	To Tiri Little Tiri Tiri	Skuas Diving petrel* (egg+), grey-faced petrel* Penguins*, 'saw several bellbirds ' White-fronted shags* (large rookery) Black-backed gulls*, terns*, spotted shag (at sea) LIST OF SPECIMENS & EGGS COLLECTED 10-14/11/36 [<u>copied</u>]
<u>19/11/36</u>	Rangitoto	Black-backed gull colony* 70-100 pairs
<u>22/11/36</u>	Okahu (Port Albert)	Grey ducks, spoonbills [shoveller] 'saw half a dozen matuku but could not find nests' Fernbird, pukeko*, Caspian tern
<u>23/11/36</u>	Mangawai Heads	Caspian terns* 70-100 nests (<u>photos</u>) Godwit flock ca. 1000, a few knots, no dotterel
<u>26/11/36</u>	Papatoetoe , Sels Swamp, Robertson Rd	Matuku* ca. 12 Pukekos*, hawk* (<u>photos of bittern nests</u>)
<u>9/12/36</u>	Kawau - Tiri Goat I	Black-fronted [sic] terns*- nr lighthouse Crane* {Reef heron} <u>photo</u> , blue penguin*
<u>10/12/36</u>	Is off N Harbour	Crane*, black-backed gull* Large flock of white-bellied storm petrels
<u>15/12/36</u>	Ruakaka	Near Waipu saw 8 brown ducks [teal] and in estuary a mob of 2-300 birds {brown teal?}
<u>16/12/36</u>		Pair fairy terns, oystercatchers, 1 or 2 NZ dotterel, numbers of godwits, stilts*, 'brown duck plentiful up this river'
<u>17/12/36</u>	Mangawai	1 fairy tern, b-b gull*, Caspian terns* <u>photo</u> , very large no. of godwits & knots, some dotterels 'both kinds'. oystercatcher 'mixed', 'looked for banded rail nests', kingfisher*
<u>18/12/36</u>	Pakiri	Ca. 6 pr NZ dotterel*, pr oystercatcher 'pied' pr fairy tern*, 20-30 pied stilts*
<u>29/12/36</u>	Gt Barrier on launch Violet J Saddle I	Fluttering shearwater*, no prions
<u>3/1/37</u>	Rock nr Elephant Cave	Spotted shags*
<u>4/1/37</u>	To Waiheke	Flock mostly 'pink-footed' shearwaters, gannets, also a few fluttering s-w, Bullers s-w, stormy petrels

- 9/1/37 **Kawau** Red-billed gulls, 'pink-footed' s-w (photos)
Pied shag* colony at **Bostaquet Bay**
- 17/1/37 **Rangiriri** to **L Waikare** by launch with E Stead & C Fleming
Ducks, spoonbill & grey, swans*, sulcirostris shags*+ 200 nests, white-throated
& small pied shags+, a few large black shags+.
- 24/1/37 **Waiheke** Kingfisher* (photo)
- 27/1/37 From **Mangawai** with Falla & Turbott 'Tide had been right over the
bank and wiped out all traces of the Caspian tern colony'
Hen Island 'Dug out Pycrofts* from near the type locality'
- 28/1/37 Dug out griseus* & Pycrofti* 'on the point near the camp'
With Fleming round the coast. Saddlebacks* - pr every 2-300 yd. Two other
small colonies of Pycrofti*. Young tui (photo)
- 29/1/37 'Easterly gale & rain all day'
- 30/1/37 'Left camp at 10 o'clock & went through the bush'
Pigeons very plentiful, photographed one & Falla took movies
BIRDS SEEN INCLUDED - LIST
- 12-22/2/37 to **Russell** in Arawa with Parkers
'Bullers shearwaters exceedingly numerous all the way to Russell: also very many
skuas.'
- Whangamumu Bay** - Pied shag* colony (photo)
Tutakaka - Red-billed gulls (photo) [Notes on fishing]
- 2/3/37 **Port Albert** 'Several Fairy Terns incl. immature birds'
- 12-18/8/37 At **Waipu** 'with E Stead & R Wilson after Brown Duck'
Two mobs of 40-50 birds were located & nests of brown teal* found.
'Nesting appears to start in April & go on till Sept. or Oct.'
'Weka appear to destroy a great number of eggs, particularly in the bush areas:
altogether we found 15 occupied nests' 6 & 7 eggs.
Mob of 250 brown teal* Mr Woods property Whangarei-Dargaville road both autumn &
spring breeders. Pukeko* numerous, Weka* plentiful
- 18/9/37 **Kawau** Penguins* in burrows, macroptera* eggs
Goat I Two nests of cranes [reef heron*]
Bostaquet Bay Pied shag* colony, about 40 nests
- 19/9/37 **Little Tiri I** Diving petrels* with eggs, no fluttering
shearwaters, most burrows of macroptera* unoccupied
Small island E of Noises Spotted shag* colony, 40-50 nests.
- 30/9-4/10/37 **Port Albert** and environs
- 30/9/37 **Lagoon Bay**, through **Matakana** 40 Grey duck, colony of white-
throated shags (no nests), no brown duck or black teal
- 1/10/37 **Pakiri** Pied stilt* 4 nests, red-breasted {NZ} dotterel
oystercatcher pair, fairy tern pair
- 2/10/37 **Shag Creek, N of Pt Albert** Former large colony of black & little
shags 'left the area having been shot by fishermen'
Black shag* 2 nests, nests of grey warbler*, grey duck* & pukeko*
- 8/10/37 **Selfs swamp, Papatoetoe**
Nests of hawk* & grey duck*. 7 bitterns (not nesting)
- 12/10/37 **Rotorua, Ohau Channel, (Cochranes)** Stilts (30), Banded
dotterel (6-8 pr), black-billed gulls, black teal (40)
- 13/10/37 Swamp below **Ohau Channel** 3 bittern & hawks (no nests)
Later went to bush: Plenty of whiteheads & bellbirds
West of Rotorua bittern* 5 egg nest (photo), dabchick (5 pr)
- 14/10/37 With Wilson took boat round shore. Dabchick (8 pr)
black teal (30), pukeko* nest, bittern (2), dabchick* nest

16/10/37 **Te Ngae Swamp** Pukeko, swans, hawk* 2 egg nest
 Ohau Dabchick* nest [notes on nest & behaviour]
 Otaramarae Black teal (30-40), dabchick* 4 or 5 pair & nest
17/10/37 **Rotoiti** by launch Seeking dabchicks* nests photos,
 'attacked by swan again: rescued by Wilson in boat'
 Black teal 20-30 pr, white-throated shags* (8 nests, not yet eggs)
18/10/37 Beyond **Rotoiti Station** Pipit* (3 egg nest), white-breasted
 tit* (2 nests, notes of behaviour, dabchick* (photo)
 'Altogether found about 12 nests' [of dabchick] 4 full clutches' 'Estimate
 dabchick population of Rotoiti at about 100 birds'
 [Date torn] **Okahu Lake** Spoonbill [shoveler], 12 grey duck, fernbird* nest
 - photos & notes with response to hawk & pukeko
 [Torn] Spent day observing & photographing [fernbirds & young]

21/10/37 Met Wilson at **Taupo**, to **Tokarau**, camped on Oturere Stream
23/10/37 Down **Oturere** to **Upper Waikato** Blue ducks* with 2 young
 rifleman* nest, whiteheads, warblers*, tits, bellbirds round camp.
 No sign of trout, plenty of deer tracks, some pig sign.

Last page has list of **Nesting Times**:

Macroptera	early August
Black Shag	about middle of September
Spotted Shag	" " "
Pied Shag	" " "
Black-billed Gull	early November
Banded Dotterel	mid September, early October
Stilt	September - December

SECTION 4

NOTEBOOK 2 With entries from 28 October 1937 to 26 January 1939

<u>Date</u>	<u>Location</u>	<u>Birds (*denotes nests or eggs, +specimen)</u>
<u>28/10/37</u>	Pakiri	Dotterel* & stilt* nests had been raided. 3 fairy terns, oystercatcher pr, kingfisher* 4 egg nest
<u>29/10/37</u>	Swanson w. Fleming	Fernbird* (photo)
<u>1/11/37</u>	Rotorua district	
	Okere	Dabchick* observations (photo)
<u>2/11/37</u>	Okere	Fernbird* nestlings taken by pukeko
<u>3/11/37</u>	Rotoiti by launch	W-t shag nests deserted, 90 black teal
<u>4/11/37</u>		Looked for bellbird nests
<u>5/11/37</u>	Broadlands, Reporoa	
<u>6/11/37</u>		Off-colour. Looked for nests of bellbird & tit
<u>7/11/37</u>	Muripara	Shining cuckoos calling, stilts*
<u>8/11/37</u>	Rotoiti	Few black-billed gulls, not nesting; stilts*+ banded dotterel, pipit* 2 egg nest
<u>9/11/37</u>	Rotoiti	Hawk* 3 egg nest, pipit* 3 egg nest, dabchicks, black-billed gulls* 3 empty nests at Oahu Channel
<u>10/10/37</u>	Rainbow Mtn	Watched fernbird fledglings
	Broadlands	Banded dotterel* many pr, try search w. torch
<u>11/11/37</u>	Muripara	Tit*, pipit*, stilts*, chaffinch* 3 nests 4-4-1
<u>12/11/37</u>	To Forest Boundary:	nest of sparrowhawk* [falcon] (photo)
<u>28/11/37</u>	Pakiri w. Turbott	Oystercatcher*, red-breasted dotterel* (photo), stilts, fairy tern pr.
Dec. '37	Okere, Rotoiti	
<u>1/12/37</u>		20 black teal [scaup], dabchicks w. young
<u>4/12/37</u>	To island for black teal	'took Spot [dog] who finally located a nest in the very heart of a mass of fern & cutty grass'
<u>9-12/12/37</u>		Daily notes of black teal* & dabchick* nesting. Predation by hawk & rats. Hawk* nest. <u>Photos</u>
<u>13/12/37</u>		Black-billed gulls*+ nesting on rocks behind Ward Baths
<u>14/12/37</u>		B-bill gulls* Spot caught young stilt (<u>photo</u>)
<u>15/12/37</u>	Nga Wahine Hopi Hopi	Black teal* nesting (<u>photo</u>)
<u>16/12/37</u>	Waiotapu	'Photographed a tit*+ on nest. 5 eggs about a week incubated which I took'
<u>18/12/37</u>	Wahine Hopi	Teal* nests (<u>photo</u>). 'Caught 7 lb trout'
<u>20/12/37</u>		'Tried Hawk's nest again but the bird wouldn't come back while camera was set up'
<u>21/12/37</u>	Teal Is	<u>Photo</u> - Dabchicks w. young. No young teal yet
1938		
Jan. & Feb. '38	Rotiti area	
<u>18/1 to 26/2/38</u>		Extensive notes of black teal* & dabchick* nesting and behaviour which occupy 25 pages of the notebook. Photography is noted. On <u>21/1</u> black teal+ 5 egg clutch 'deserted for some time' was collected. <u>8/2</u> : Response of dabchicks to a toy boat. <u>9/2</u> : 'Heard an escalating call of shining cuckoo today'
<u>8/12/38</u>	Noises w. Fleming & Turbott	Landed on islet close to Big Noise; dead <i>macrocoptera</i> in burrows (stoat?). On big island: <i>macrocoptera</i> *+ (7 eggs & <u>photo</u>), stormy petrels breed (Turbott). Three-humped island: 20 spotted shags*
<u>12/9/38</u>	Western Springs	Swan* nests 6-6-5 eggs, <u>photo</u> , pukeko*, mallard* nest 13 eggs. 'No sign yet of the shags starting' [nests]
<u>14/9/38</u>		Photographing swans on nest
<u>15/9/38</u>	Remuera	Fantail* nest 3 eggs (<u>photo</u>)

18,19,20,21/9/38 Photographing fantail nests

22,23/9/38 **Western Springs** Photos of pukeko* from tent [hide]

30/9/38 **Pakiri** Dotterel* 3 scrapes, stilt* 2 nests - eggs eaten (stoats?), 5 fairy terns 'feeding in river'

1/10/38 **Okaihau** Pipit* nest 3 eggs

2/10/38 **Kaitaia** Pigeon* nest in totara at Michie's place

3/10/38 **Awanui** Looked for fernbird nests

4/10/38 **Doubtless Bay** Banded dotterel 3 pr, NZ dotterel* 6 pr.

5/10/38 **Ninety Mile Beach** Black-back gulls 1000s, NZ dotterel* few prs, nest notes, nelly (giant petrel) found & photo'd

6/10/38 **Awanui (Rangaunu) Harbour** Shag colony 40 nests of pied* & little shag*, notes. Albino little shag (head, up'back & wings)

7/10/38 **Takahue Saddle, Victoria Valley** 'in virgin bush: saw a few pigeons, tuis, kakas: many warblers & heard one pair of white-breasted tits, but bird life scarce: a local farmer reported having seen kokako in the area 2 years ago.' 'Ross Michie gave me' egg of marsh crake? 'found in Kaitaia swamp about 30-35 years ago'

8/10/38 **Awanui (Rangaunu) Harbour** On sandspit just inside harbour, Caspian tern* colony. Godwit vast numbers

9/10/38 **Reef Point, south of Ahipara** Stilts * oystercatchers reported to breed. 'Fixed a ladder to pigeon's nest'

10/10/38 **Doubtless Bay** NZ dotterel* nest at mouth of stream. 'Later went with a Maori up the beach ½ mile & inland several hundred yards & found many moa bones & fragments of egg'

11/10/38 Pigeon nest photographed

12-13/10/38 **Pakiri** No stilts nesting, several dotterel* nests, fairy terns, 3 making mating flight, very high almost out of sight

19/10/38 **Western Springs** Pukeko* nest, photographed

20-21/10/38 **Remuera** Photographed white eye (silveryeye) nest in Flemings garden

2/11/38 **Papatoetoe, Self's Swamp** Pukeko* 2 nests, matuku*+ (bittern) 2 nests, each with 5 eggs 'took one clutch', also 3 young matuku. Photographed nest using tent

4 & 7/11/38 Studied matuku* nests. Later found 3 more nests.

10/10/38 **Rangitoto** Black-backed gull colony. Photos from tent

11/10/38 **Hauraki Gulf, Rakino** colonies deserted, W-f tern* colony on Crusoe Rock. 'Cranes (reef heron) no longer nesting

14,15/10/38 **Pakiri** Pied stilts not nesting, dotterel* 6 pr, about 15 nests or trial nests, oystercatcher pr, fairy tern pr. On 15/10 spent 12 to 4pm in tent without dotterel* coming to nest

24/10/38 **Pakiri** w. Fleming. Dotterel* photo on nest. Fairy tern one seen, other perhaps sitting. Stilts, 6-8, no sign of nesting

1/12/38 **Ngunguru** w. Fleming. Banded dotterel

2-8/12/38 **Poor Knights Camping** w. Fleming. Spotless crake, kaka, bellbird* nest photo; Buller's shearwater*+ colony, prion turtur*+ burrows all over the island, collected eggs (4 Buller's, 5 prion) 'Heard many ti-ti at night, sounding very like Cook's petrels at Little Barrier' On 6/12 sought spotless crake* nests, finding 3 occupied & others empty, parakeet* 8 egg nest. 7/12 'Dealing with eggs' photos of bellbird & Buller's shearwater colony. Fleming saw 2 tuataras. No traces of pigs.

8/12/38 Off island; dirty weather unable to land on other isles

15/12/38 **Papatoetoe, Self's Swamp** Matuku* (bittern), nest w. 4 downy chicks, fledgling (photo). Many adult birds, much booming
18/12/38 Tried with tent, adult bird not coming within 30-40 yd

22/12/38 **Pakiri** w. Fleming. Fairy tern pair courting, oystercatcher* nest & dotterel* nest close, behaviour notes, photo

1939

5/1/39 **Whangaparaoa** Oystercatcher* nest, Caspian tern* nest, banded dotterels present

25/1/39 **Tutukaka, Ngunguru** Good number of banded dotterel* nesting, very few red-breasted (NZ) dotterel, no signs of oystercatchers or fairy terns

26/1/39 **Pakiri** Usual pair of oystercatchers on spit, broken-wing display, dotterel w. young, 'most have now lost the red-breast). No sign of the fairy terns, v. large flock of white-fronted terns

At back of notebook: List of 71 eggs of 7 tropical species (boobies, terns, frigate & tropic birds)

Page with contents (invertebrates) of three specimen bottles.
 A few sketch plans & personal notes.

Pocket inside cover has 3 cards with a few bird names. Also a short letter to 'Glover' signed J.L.[?] about a specimen (unnamed) of Buddle's from the solar expedition

SECTION 5

NOTEBOOK 3 From 17 October 1939 to 1 December 1940

<u>Date</u>	<u>Location</u>	<u>Birds (*nest +specimen)</u>
17-23/10/39	National Park	w. Wilson Pipit* 3 egg, robin*, whitehead*, y-c parakeet, falcon, tomtit* 4 egg, <u>photo</u>
24/10/39	Broadlands	Banded dotterel
25/10-5/11	Rotorua	P stilt*, <u>photo</u> , dabchick*, hedge sparrow*, tomtit*, pipit, both cuckoos calling, whitehead*+, fantail*
11/11/39	Pakiri	Oystercatcher, r-b dotterel*, pipit* 4 egg,
13,14/11/39	Takapuna	G warbler*, <u>photo</u>
24/11/39	Mangawai	w. Wilson, Fleming & Turbott. Caspian tern colony, <u>photo</u> , fairy tern, r-b dotterel, b-bk gull*
25/11-4/12/39	Hen Is	Pycroft petrel*+, g-f petrel*+, tit*, pigeon*, saddleback* 'not as plentiful as 3 yr ago', tui*, <i>griseus</i> *, penguin*, morepork* 2 egg, bellbird*, y-f parakeet*, kingfisher*+, warbler* with shining cuckoo egg
5-9/12/39	Chickens Is	Saddleback*, r-f parakeet*+ 5 egg, tuatara, pipit, <i>carneipes</i> *+, kaka (3 pr), tui & bellbird 'plentiful', <i>gavia</i> *, Pycroft petrel*+, morepork*, <u>photo</u> , gecko, starling roost
17/12/39	Puhinui, Papatoetoe	Harrier*, <u>photo</u>
23/12/39	Muriwai	Banded dotterel*, r-b dotterel, oystercatcher
25/12/39	Takapuna	Tui*
27/12/39	Port Albert	Caspian tern colony*, oystercatcher*, w-f tern colony*, <u>photo</u> , 'no sign of fairy terns'
28/12/39	Pakiri	Oystercater*, <u>photo</u>
29/12/39	Mangawai	w. Potter. Oystercatcher*, w-f tern*, <u>photo</u>

1940

19&23/1/40	Northcote, Takapuna	Tui*, <u>photo</u> , record of dates of laying etc. from 21/12 to 23/1 when last young died in nest. The notebook has an unexplained gap until September 1940
18/9/40	Muriwai	w. Charles Fleming R-b dotterel*, <u>photo</u> , banded dotterel*+ 'took one clutch of 3 eggs'
24-30/9/40	National Park (Chateau)	Robin, banded dotterel, paradise duck* (2 pr), tit, whitehead, rifleman*
12/10/40	Muriwai	Banded dotterel*, also 'strange wader, slightly larger than b. dotterel'
15&16/10/40	Swanson	w. CAF Fernbird, pipit*, <u>photo</u>
18-20/10/40	Pakiri	w. Alva Stilt, <u>photo</u>
21/10/40	Mangawai	w. Alva Caspian tern colony* (3-400), oystercatcher (pr), godwit (3-400), 'no sign of fairy tern'
22/10/40	Sandspit	Many tuis in native bush
26/10-1/11/40	Maraeroa	w. Wilson Bush birds: tit*, whitehead (v.plentiful), warbler, tui, pigeon bellbird, kaka (plentiful), parakeet, shining cuckoo (scarce)
2/11/40	Tirau	w. Fitzgerald Y-f parakeet, paradise duck, brown teal
	Mamaku Range	Robin (v.plentiful), whitehead (fair numbers), bellbird, tui & 'a few tits & riflemen' 'Fitzgerald confirmed by Robby said crows [kokako] were quite plentiful; 3 or 4 singing morning & evening; Fitzgerald heard one but I did not catch it' 'Blue ducks still found in some of the creeks'
3-4/11/40	Rotorua	w. Fitzgerald Stilt*, banded dotterel*+, <u>photo</u> , R-b gull*, b-bill gull, black teal [scaup) c.10
6/11/40	Waiotapu	Pukeko* 9/11/40 Paradise duck (good no), dabchick*
	11/11/40 Ngakuru	Grey duck, spoonbill [shoveler], paradise duck, stilt, bush hawk [falcon], fernbird*, <u>photo</u>
12/11/40	Rotorua	Dabchick, stilt* (w. complete black collar)
23/11/40	Tutukaka	R-b gull*, pipit*, brown teal (pr & 2 young, mob of 21)
24/11-1/12/40	Poor Knights	w. Wilson, Turbott, Bull, Fleming Prion*, bellbird*, spotless crane*, parakeet*, pair of hawks [harrier], pipit*, quail [brown], banded rail*, kingfisher, Buller's shearwater*, w-f storm petrel, diving petrel, <i>gavia</i> , macrocoptera, blackbird, song thrush, skylark, starling

SECTION 6

NOTEBOOK 4 From 25 September 1941 to 18 January 1947

<u>Date</u>	<u>Location</u>	<u>Birds (*nest +specimen)</u>
25/9-1/10/41	Murupara	Paradise duck, banded rail, blue duck (pr w. 4 yg on 29/9 <u>photo</u>), scaup, grey duck*, a few bellbird, whitehead, tit, warbler - 'small birds not plentiful in bush'
1/10/41		'Showed collection of photos to Rod & Gun club in Rotorua'. Report of pr of saddlebacks on Hongi's Track 'four years back.'
9/11/41	Port Albert	Morkpork* <u>photo</u>
18-26/11/41	Murupara	Harrier <u>photo</u>
26/11/41	Waihua Creek	Blue duck pr w.6 yg, whitehead & both cuckoos plentiful

1942

25-27/11/42 **Bulls** 70 godwit, 50 knots, golden plover? at **Foxton river mouth** 26/11 Black shag*, little shag* photo, birds being taken by eel

1943

8-24/1/43 **Poor Knights** w. Wilson & 'the boys' (Murray Wilson, Hollis Crompton, David Becroft) Detailed 20 pp log: Buller's shearwater* 'many thousands', tuatara v. plentiful 'must have seen 30-40 today' (11/1), bellbird plentiful, harrier, parakeet, placostylus, collected insects for Plant Research Dept. Quail*+, weta+, pipit, skylark, blackbird*, kingfisher, starling, gecko+, large worms+, centipede+, spotless crane, harrier. 'Wilson commented on size of bellbirds - sub-species?' (measurements 17/1/43).

18/1 - 'no mosquitos, sandflies or blow flies, no sign of rats.' Rail*+, prion eggs+, yg r-b gull*, banded rail+, 'have not seen any of rails attempt to fly, may be losing power of flight.' Buller's colony on western cliff, photo (est. 200,000). 100 tuatara (19/1). Specimen of stone used for adzes. At least 20 hawks [harrier] - predating Bulleri. Spotless crane+, banded rail+, quail+, Cave weta, bellbird+, Bellbirds & parakeets at drinking hole photo.

11/6/43 **Remuera** Kaka

9-19/11/43 **Bulls & Foxton** w. Wilson. **Himatangi** Spoonbill* [shoveler], stilt*, bittern, grey duck, pipit*, searched for crane.

Collected eggs: oystercatcher, banded dotterel, black-back gull, shoveler.

19/11 - harrier*, shoveler, broods of greys & mallards

1944

11-22/1/44 **Arid Island** 8 pp log. Sailed from Dockyard in *Nora Niven*. Party: Bob Wilson & Murray, Percy Elworthy, David Becroft & Buddle. 11/1 Round **Fanal Island** w/o landing. Camped on **Arid Island** Very little bird life. Kingfisher* nest, whitehead+. Cattle & pig tracks. Visits to Three Kings & Hen Is. vetoed.

17-19/1 Kaka*, photo, pigeon*, morepork+, a dead kiore 'otherwise no sign of rats.' 20/1 Parakeet* photo. Many pigeons, fair no. of whiteheads & tuis.

21/1 Kaka* & pigeon*+, photo, 'lifted egg - exceptionally large.'

6-15/11/44 **Bulls & Foxton** At coast; nests of black-back gull*, banded dotterel*, oystercatcher* 'both birds partially pied.'

8/11 Searched McKelvie's swamp for bittern & crane but saw nothing except hawk* [harrier] nest (2 eggs). Many pheasants calling.

9/11 Young grey or mallard ducks, photo. Harrier* nest (4 eggs).

10/11 At river mouth: Royal spoonbill (4), stilt (20-30), godwit (30)

14/11 Bittern* nest (4 eggs), spotless crane, stilt, banded dotterel

15/11 Oystercatcher*+ 3 egg clutch (black birds). Banded dotterel*, 2 eggs 'but found them hard set & could not blow them.'

1945

10/9/45 **Auckland** Report of white-flippered penguin nesting (confirmed i/d with Museum specimen). **Waiheke**: Reports of colony of little black shags at Rocky Bay & spotted shags at Shag Rock

1-9/10/45 **Little Barrier Island** 4 pp log. Crossing on motor launch #1309.

Party: Buddle & Alma, Graham [Turbott?], Peter [?], Hamilton [?]. Rest of party

to summit o/night reporting few *cooki* but no *parkinsoni*. Robin, whitehead, stitchbird (F), bellbird & tui photo, kaka in orchard, pigeon in paddock (up to 20), kiwi (ct but escaped), penguin photo, shag colony, photo, saw a bird 'rather like a rook' (straggler from Australia? - failed to shoot it). Shining & l-t cuckoo, photo of pigeon, tui, kaka. Y-f parakeet, [pied] shag+, ct 2 kiwi, photo & movie, silvereye, whitehead (plentiful), kiwi pr. Returned by M.L. 1186 21-27/11/45

Mokohinau 6 pp log. Party: Wilson & Murray, Buddle on *Rehutai* to **Cuvier Is**, then to Port Fitzroy seeing many *bulleri*, *cooki*, *carnipes*. Arr. Mokohinau on 23/11 r-b gull colony, 300 nests, photo & movie, harrier, penguin & 2 chick, *macroptera* colony*, saw 4 goats, 3 tuis (probably visitors), pipit, parakeet, starling. Crossed to **Lizard Island**. Collected lizards, spiders & beetles+, W-f storm petrel colony* of c.1000 birds, empty burrows of *P. assimilis*, r-b gull colony 24 nests, pied shag, w-f tern. Crossed to **West Island**. Burrows of *macroptera* & *assimilis*. On main island were 2 cats at large & 6-8 goats. Lighthouse keeper had seen 'crow' in early October [as Little Barrier Is]. 'Found in visitors' book signatures of myself & Roger in 1904-1905. Signed again as first post-war visitors.'

28/11-6/12/45 **Three Kings** 9 pp log.

28/11 Embarked on 'Arbutus' w. Wilson & Murray; joined Peter Bull, Powell & Don Bayliss. Off Piercy Is were vast numbers of prions, a few gavia & *carnipes*. 29/11 Great King - Difficult landing using Carley raft. Many Pakaha & few ti-ti came in at night. Diving petrel colony*, gavia*+, r-b gull colony, pipit, quail+, morepork*+, photo, harrier*+, kingfisher*+, fantail, banded rail+, blackbird+, Many goats - 'not as plentiful as 1932' (Powell). R-b gull colonies of 500+ in dozen places around the island (est 30,000). Pterodroma+, large colonies of gavia & *macroptera* (est. 20-3,000). Quail nest w.15 eggs (7 spotted brown, 8 bluish grey). Powell searched for *placostylus* & found on 5/12 photo. Left on 6/12 for other islands (SW Is & Princes? Is) but unable to land. Noted gannet colonies and absence of black-back gulls & shags. Vessel was followed by wandering albatross & nellies.

7/12/45 **Waikuku Bay** (S of North Cape). Landed on beach. Several pairs of oystercatcher*, pied stilt*, NZ dotterel*, 8-10 pr of banded dotterel, black-back gull*.

8/12/45 **Poor Knights** Prion colony*+, Bulleri colony*+, bellbird*+, searched for quail w/o success. 9/12 berthed Devonport

1946

31/7/46 Left Auckland on fishery research vessel 'Ikatere' (skipper Duthie) but returned due to bad weather off Colville.

4-6/8/46 **Cuvier & Mokohinau** Full gale. Landed by dinghy. Saw nothing of interest. Several hundred goats, cows, many wild cats. Keeper reported a few tuatara still left. 6/12 Spent 2 hr on **Lizard Is**. Collected 9 eggs of *P. assimilis**+ (measurements recorded), est. 40-50 pr. Storm petrel burrows.

29/9/46 **Waiheke** on PWD launch 'Duchess'. Self, Charles Fleming & Sibson, landing Luxford & Buchanan at Rotoroa. Landed between Thumb Point & Koneri(?) Point at small colony of spotted shags*, photo. Colony of c. 40 pied shags nr jetty at Rotoroa. Small colony of little shags (*brevirostris*) on island at mouth of Rocky Bay.

2/10/46 **Gannet Rock** w. Fleming. Approx 1200 nests in 4 or 5 groups, photo. *P. bulleri* nr the rock, a few gavia nr Rotoroa

14/10/46 **The Noises** w. Eric O'Neill & Carl. Spotted shag colony* in cave 'had grown since I was there in 36'. 100-150 birds

24/10/46 **Rakauroa** Most of bush had been cleared. Blue duck*, photo. To **Te Karaka**(?) (20 m from Gisborne). 'Saw a pr of magpies'

25-27/10/46 **Waikohe** Blue duck pr w. ducklings, saw little except chaffinches & backbirds. Above Power House: black shag, pigeon, photo, few tui & fantail, many shining cuckoo, white-eye & kingfisher

26/11 Paradise duck pr. w. 4 yg, blue duck pr.

13/11/46 **Rotorua, Mamuku Ranges** Recently logged. Robin c. 10, a few whitehead & tui. Guided to look for blue-wattled crow [kokako] 'but failed to locate any owing to lack of time to go far enough.'

23/11/46 **Turangi, Motutaiko Is** Colonies of black shag* & little shag* (white-throated & pied) 'having recently been shot up were very wild.' Only

birds seen were fantail, white-eye, harrier, tit, bellbird?. Located two colonies of snails (*W. clarki*)

27/12/46-7/1/47 **Three Kings** In keeler 'Rosemary'. Crew Magnus Johnson, Buddle & Murray Green, later Beaver(?). 27/12 to Leigh, gannet c.150, big numbers of gavia, bulleri, prions & carnipes. 28/12 Off Piercy Island 'gt gatherings of bulleri & gavia.' 29/12 **Big Cavalli** 'carrying a big head of sheep & cattle.' Black-back gull* photo. Only birds seen: fantail, pipit, starling, skylark, kingfisher, blue [reef] heron. 30/12-1/1 **Mangonui** w. Marchant - he had found [human] skull & skeleton. 2/1 **Tom Bowling Bay** Gannets & r-b gulls 'no sign of nesting.' Black back gulls following ship, photo. Many gavia. 3/1 To **S W Island**: r-b gull colony*, gannet* colonies c. 400 birds. Collected beetle+ & lizard+. Spotless crake*, blackbird*, burrows of macrocoptera (empty), colony of gavia* & diving petrel*. Kingfisher, pipit, harrier. 'Left a sealed bottle with names & date.' 'Saw a bird I could not identify - definitely no known native.' Gulls feeding on berries 'like a flock of pigeons.' 'Saw no fantails, warblers or white-eyes on the island. 4/1 **N E Island** Parakeet, bellbird, blackbird, starling, unidentified bird similar to previous one 'those on boat reported a flock of about 20 which we had apparently disturbed but did not see'[redpoll?]. Petrels not numerous - a few burrows. Lizards, many shells but could not find live snails. 5/1 **Princes Is** Gannet* colony, 400 birds. Lizards, R-b gull*, 2000, photo. At sea: wandering albatross, mollymawk, wedge-tailed shearwater?.

7-18/1/47 **Northern coast North Cape** Penguin*. 8/1 **Moturou Is** Colonies of gavia* ,macrocoptera* & diving petrel*. Harrier, 'no sign of quail reported by Mitchie.' Black-back gull* colony, photo, gannet colony, 30 birds. 10-11/1 **Mangonui** 'masses od fluttering shearwaters.' 12/1 Left **Whangarei Heads** Landed on outlying islands. Tuatara reported but none found. Burrows, collected several eggs+ for i/d. 13-18/1/47 Continued down **East coast** to Auckland noting gannets, Caspian terns & a pair of skuas.

SECTION 7

NOTEBOOK 5 From 6 November 1947 to 15 March 1950

<u>Date</u>	<u>Location</u>	<u>Birds (*nest +specimen)</u>
6/11/47	Whangapararoa	Reef heron*, pipit*, magpies plentiful
5/11/47	Firth of Thames	w. Dr Murphy & Falla, guided by Ross McKenzie. Godwit in flight <u>photo</u> , stilt*, banded dotterel*, wrybill, 'Siberian' sandpiper (3), <u>photo</u>
11/11/47	Hauraki Gulf	on 'Ikatere' . museum party incl. Turbott & Sibson. Gannet Rock: gannet* 1500 nests, <u>photo</u> & <u>colour movie</u>
		Noises: spotted shag colony 50-70 birds. Colony had been 'shot up' leaving bodies in water. Small colony of Pelagodroma marina. At sea: 10-12 nellies [giant petrel], 5 or 6 Arctic skua.
16-30/11/47	Little Barrier Island	8pp account. By launch 'Gunner' using 'Lady Anne' around coast. Party: Turbott & Olwyn, Joan Digby, Alma O'Neill, Buddle. Pied shag colony*, bellbird & tui at trough, <u>photo</u> , kiwi & ti-ti heard at night. Whitehead* nest, <u>photo</u> , tuatara, pigeons feeding on ground. 20/11 stitchbird, robin, tit. 21/11 kiwi caught, <u>photo</u> . Blackbird*+ nest, greenfinch? nest. 23/11 old nest of 'sparrow hawk'? [falcon], small colony of w-f tern*, pied shag* colony, <u>photo</u> . 24/11 whitehead, tui, bellbird, fantail (30-40), robin* (14), parakeet pr, stitchbird pr. 25/11 bellbird*, whitehead*, <u>photo</u> , tui, 'pale' harrier, b-back gull* nest, <u>photo</u> , yg penguins in bracken. 28/11 bat (about 6, probably long-tailed).
30/11/47	Warren (skipper)	reported 'blue-wattled crow' [kokako] to be plentiful on Gt Barrier Is.
26/12/47	Pakiri	R-b dotterel* 3 egg nest
27/12/47-12/1/48	Three Kings	10pp account. On 'Rosemary' Party: Johnson, Bayliss, Buddle. At sea: mollymawks, yg royal albatrosses. R-b gull* colony at Fisherman's Landing, <u>movie</u> . Dug burrows looking for black-winged petrel but found only gavia, & diving petrels. 1/1 gannet* colony 'more numerous than last year'. Collected snails.
23-26/2/48	Little Barrier Island	on 'Ikatere' Party: Dr & Mrs Murphy, Falla, G & O Turbott, Buddle & Alma. At feeder: bellbird & tui, <u>photo</u> , pied shag, <u>photo</u> , 'lot of' parakeets. Ct kiwi & 2 yg, tuatara (held o/n, <u>photo</u> . 25/2 Track to summit: stitchbird 7F, 1M, at summit: fantail pr, black petrel* (dug out yg bird, <u>photo</u>), on return: robin 3, kaka 2, whitehead flock. Ct kiwi F, no bats.
26/2	At sea:	cooki, gavia, carnipes, landed at Elephant Cove, Colville: gannet* colony 470 yg.
1-7/10/48	Northern coast & Three Kings	ex Wangarei, on m.v. 'Alert' (skipper Alex Black) w. Batty, Logan Bell, Neville X [illeg.], Buddle, Powell & Turbott. Landed at Totara North , paraphanta+. Held up by bad weather. 6/10 Dug out diving petrel* & gavia*, shot a fantail+. Three Kings: parakeet, pipit, quail, blackbird, banded rail (heard), starling, whitehead, goldfinch. North Cape: placostylus, r-b gull, observed courting behaviour.
2-7/11/48	Waiheke, L.Barrier, Hen Island	& return in 'Rosemary' Party: Magnus Johnson, Buddle & 'young John Norris.' Nr Shag Rock, Waiheke Spotted shag 300. Huhora Gannets 'about as usual [numbers]' <u>Movie</u> of dolphin, penguin, diving petrel, fluttering shearwater.
3/11	Little Barrier Is:	tui, pied shag, <u>photo</u> . Met Will Parkinson & wife 'nature photographer from England.' 4/11 Hen Is: saddleback (6-8), morepork, harrier, bellbird, tui, parakeet, pigeon+ nest w. egg, pipit, starling. Petrel burrows unoccupied. At sea: 2 whales.
	Waiheke, Hooks Bay:	spotted shag c.40 yg, <u>photo</u> & <u>movie</u> .
	Noises	Spotted shag colony of 6080 birds. Waiheke population of spotted shags est. 300-400.
28/11/48	Takapuna	Black-back gull yg & old on reef
2/12/48	Waiheke	in 'Rosemary' Magnus Johnson & Buddle. Island off Rocky Bay Black-back gull* 20 pr, 3 blue cranes* reef heron] - nest w. yg (3, 2, 1 + 1 egg), little shag* & pied shag* c.20 nests, r-b gull* 12 pr, w-f tern* 20 pr. 3 miles to east: 4 blue cranes* [reef heron] nests w. eggs.

20/2-15/3/49 **Three Kings** in 'Rosemary' - Magnus Johnson & Buddle

22/2 at sea: vast rafts of birds heading north - 90% bulleri w. gavia, carnipes & 50 gannets. 24/2 at sea: 160 gannets, carnies. Bullers [shearwater], gavia, diving petrel in Gulf; few further north

27/2 Landed on **NE Island**: r-b gulls had left, parakeet & bellbird plentiful, pipit, quail, kingfisher, harrier. **Princes Is**: gannet*, black shag, 'Antarctic skua'

1/3 **Great King**: bellbird v. plentiful, caught yg spotless crane, gannet*, blackbird, chaffinch, kingfisher, parakeet, petrel burrows empty. Poor weather, both Johnson & Buddle unwell w. heavy colds. 'Surprising lack of birds & schools [fish] throughout the trip.'

6-19/8/49 **Little Barrier Island** Ex Leigh. Skipper: McCarthy, w. Warren?

10/8 On island: Pigeons feeding on grass, bellbird, tui, whitehead, tit, warbler, skylark, chaffinch, kiwi heard, 'no sounds of ti-ti' 12/8 'Fantails plentiful along beach' Pied shag* 12 nests, photo. 15/8 robin 2, stitchbird. 17/8 dug out a giant worm, photo. 18-19/8 pigeon, tui, bellbird, photo

Notes of photos at **Manapouri**

8/3/50 Weka at West Arm; lake

15/3/50 Robin; Homer Tunnel; Hollyford screes