



## WHITNEY SOUTH SEA EXPEDITION

LOYALTY ISLANDS LOG

L. Macmillan

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WHITHEY SOUTH SEN EXPEDITION

LOVALEY ISLANDS LOG

L. Hachilan

# CONTENTS

Uvea Island	7 February 1938-24 June 1938	pp. 1-86
Beaupre Island	9 - 11 June 1938	87-96
Lifu Island	24 June 1938- 14 September 1938	97-165

#### CONTENTS

### LOYALTY ISLANDS LOG

## BIRDS NO. 2

#### UVEA

#### Monday, 7th February 1938

Weather. Fine, clear, sunny, light ESE wind, clouds 30%.

Approaching Uvea saw some darkish upperish petrel, greyish mantle white unders, at considerable distance unidentified. Saw <u>Sterna bergii</u> and <u>S. sumatrana</u>.

Tuesday, 8th February 1938

Fayuwai Camp (south half of island)

<u>Weather</u>. Fine after rain at night. Clouds and sun 40-50%. Light W wind backing to E, steamy.

Sorting and unpacking gear, etc.

Sk. extra <u>Accipiter</u>  $2 \frac{1}{2}$  - (see below) (juv. plumage longt. streaks)

In coconut plantation close to camp in company with another of the same species (near lagoon side). Did not appear as alert as usual for this species. Appears slightly brighter than usual on back.

Soft parts usual except legs have greenish tinge in juv. and not pure yellow of adults. <u>W. 283 Tl. 219 (not weighted, scales not unpacked)</u> <u>Moult Nil Abr. W/T S</u> <u>Stm. 1 lizards and grasshopper Skl. appears thick</u> <u>2</u> <u>Extra Data 9 1 - left ovary about 10-11 mm long</u> <u>2</u> RI ovary very distinct and about 8 mm long and a visible oviduct from it. Very pronounced Native name - DING <u>Soft parts</u> Iris yellow <u>Bill</u> black horn lighter blue horn base, <u>cire greenish.</u> <u>Legs and feet</u> greenish yellow <u>Claws</u> black.

A good specimen of juvenile.

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## Wednesday, 9th February 1938

Weather. Sun and showers after heavy rain at night. Wind E, clouds 60-70%.

Walked inland through coconut groves (swampy) and a low type of bush 20-30 ft. with odd higher trees, many ropes and ferns in a stony scanty soil mostly pure coral rock.

Saw and shot I <u>Pachycephala</u> ad., moult too bad for skin. Noted <u>Myzomela</u>, seems much more numerous than Mare Is. <u>Zosterops</u> were conspicious by their absence.

Rain necessitated return to camp and continued unpacking, etc.

Thursday, 10th February 1938

Weather. Fine, sunny, very hot, calm and still, clouds 20-40%.

- Bush. Coconut groves, native cultivation gardens, etc. in tall teak forest trees up to 40 and 50 ft. with shorter scrub between. Toward narrow part of island north of camp.
- Birds. Saw a few Zosterops lat. nig not common, Myzomela card. seems common. Pachycephala of common. Adult of and male in transition plumage shot. d imm. trans. collar inconspicious and head admistered black and brown. Both in bad condition. Gerygone common, calls louder and stronger and appears larger than Mare Is. (?). Lichmera very common in coconuts, numbers of fledgling about has just finished or still is breeding. Saw 1 Nymphicus (parrot) said to be breeding this month (Jan. and Feb.). Breeds in hollows in teak trees said to have been sadly decreased by 1932-3 hurricane which came in Jan. and drowned hundreds in their hollows. Seems reasonably numerous and not in danger of extinction. Saw only 1 of and 1 9 Myagra, do not appear numerous. Aplonis is common. Saw and heard one Trighoglossus on wing. Halcyon seems common and different to Mare Is. Ptilinopus greyi seems fairly common, Chalcophops fairly common. Columba not common in this area by all accounts, none seen, Cacomantis calling much and seems common. <u>Collocalia spod leuc</u>. very common, <u>C</u>. urog. esculenta not so common. Lalage very common and appears the same as elsewhere.

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Sk. extra <u>Gerygone</u> d <u>l</u> - white juv. (B) Secondary growth in old garden. Has yellow under and eyebrow like Mare Is. variety. Iris reddish brown? Bill black Legs and feet black W. 53 T1. 40 Shot 8:30 A.M. Wt. 7.4 grams Moult W. sec. covs. 0 Abr. W/T N TL R.I.L. 1, 6. covs. M All uppers <u>M</u> (increasing tail to head) All unders M Skl. not ossif. Stm. 1 minute insects 4 Myzomela of <u>1</u> - white 2 Sk. extra (C) Lower types 20 ft. scrubs. Specimen excessively fat. Has a great number albanistic feathers, traces juv. plumage. Iris brown Bill black Legs and feet black pads (toes) yellowish W. 61 T1. 44 Shot 7:30 A.M. Wgt. ? 12.3 grams (minus slightly as injected) Moult W: R. 11, (x) (poss. 13) sec. 0 Abr. N/T N L. 1,2,3f, 13, ) covs <u>M</u> TL covs. M All uppers <u>M</u> (increasing tail to head) All unders M <u>Stm. 1</u> insects (vomited honey) <u>Skl.</u> comp. ossif. 4 <u>Halcyon</u> of  $\frac{1}{4}$  - white (imm.) Sk. extra (D) Coastal coconuts. Buff unders prominent and numerous juv. breast marks. W. 86 T1. 55 Shot 9 A.M. Wt. 46.8 grams <u>Moult</u> W.R. 5,6, 19-21,) covs) L. 5,6,19-22 ) sec.) <u>M</u> <u>Abr</u>. W/T M (?) Colour consid. H.L. TL. R. 2, 3) L 2 ) covs. <u>M</u> All uppers M All unders M Skl. 3 ossif. Stm. 3 grasshoppers 4

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## Friday, 11th February 1938

- <u>Weather</u>. Fine dawn, heavy rain, 6 A.M. till 4 P.M. Wind NE. Clouds 80-100%.
- <u>Birds</u>. Saw 1 <u>Accipeter</u> in native garden lands. <u>Pachyaphala</u> calling much in rain. Saw 1 <u>Trichoglossus</u>. Returned to camp because of rain.

Saturday, 12th February 1938

- <u>Weather</u>. Clear sun and clouds, wind light E. Clouds 15-30%. Very hot and steamy.
- <u>Birds</u>. Usual run of birds, but saw l <u>Columba</u>, first seen of Uvea. Shot numbers of birds but plumage N.G. for skins.

Sk. extra <u>Myzomela</u> o<sup>\*</sup> <u>1</u> - white (E) 2 Coastal coconuts near scrubs. <u>W. 62 T1. 44</u> <u>Shot</u> 6 A.M. <u>Wt</u>. ? 11.6 grams Moult W.R. 15) Abr. W/T S L. 14 ) covs 0 TL R 5f covs 0 All uppers M All unders M <u>Stm. 0</u> residue (vomited honey) <u>Skl</u>. comp. ossif. 0 Sk. extra <u>Cacomantis</u> of <u>1</u> white U.T. (RT <u>1</u> - LT <u>1</u> +) (F) 2 2 2 (F)Tall teak forest and garden clearings. Seems common. Lighter unders than Mare (?) W. 135 T1. 140 Shot 8 A.M. Wt. 50.6 grams <u>Moult W.R. 2, 5, 11)</u> L 2, 5, 11 ) covs <u>M</u> <u>Abr</u>. W/T N. TL R 1,4,5.) L 1,3,5)) covs <u>M</u>

Rump, back,  $\underline{M}$ , nape  $\underline{0}$  crown  $\underline{C}$ All unders  $\underline{M}$ Stm. 1 caterpillars 1 Soft parts Cacomantis usual. 4.

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## Sunday, 13th February 1938

Weather. Sunny and very hot, clouds 15-30%, no wind.

Straightening up camp affairs.

## Monday, 14th February 1938

Weather. Sunny and very, very hot, light ESE breeze, clouds 15-20%.

<u>Birds</u>. Went to sand spits between Uvea, Leking and Moli Islands in south after sea birds which perch in great numbers here and fish the shallow water channels between the islands. Saw <u>Limosa</u>, <u>Pluvialuis</u> and <u>Tringa</u> and I blue <u>Demigretta</u> in waders. <u>Sterna bergii</u> very common and <u>Sterna sumatrana</u> (?) adults and young very common and I pair of <u>Pheaton</u> lepturus high overhead.

> Shot about 15 <u>Sternas</u> and took a few for skins but bulk turned bad in extreme heat. One way home saw 1 <u>Accipiter</u>. Natives speak of 4 small lakes or swamps where ducks are present. Seem to recognize plates of <u>Anas</u> and in doubt about a <u>teal</u>, say <u>Nyroca</u> is not present. Also speak of a <u>heron</u>, but know of no spoon bills or other water birds.

Sterna sumatrana d'ad. )	
Sterna bergii ? )	Data on labels. Not
<u>Sterna sumatrana</u> Q Juv.? )	in log in haste to
Sterna sumatrana of Adult ? )	save a few skins.
Sterna sumatrana 9 Juv. ? )	Not moulted.
	Definition of species
	on guessed at.
	Sterna sumatrana d'ad.)Sterna bergii Q)Sterna sumatrana Q Juv.?)Sterna sumatrana d'Adult ?Sterna sumatrana Q Juv.?)

Sk. 148 <u>Porphyrio</u> ? <u>1</u> ++ full sized egg in oviduct (with skull) 1 oviduct fully enlarged. Many oocytes from 5 down to 3 mm diam. Soft parts usual. Shot in native taru garden. <u>W. 235 T1. 89</u> Shot 4 P.M. Wt. 588 grams <u>Moult</u> Nape <u>0</u> (not properly examined in hurry) <u>Stm. 1</u> seeds, grit, vegetable matter <u>Skl. 1</u> ossif. <u>2</u>

Tuesday, 15th February 1938

Weather. Fine, sunny, very, very hot. No wind. Clouds 20-30%.

Skinning in camp.

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#### Wednesday, 16th February 1938

<u>Weather</u>. Fine, sunny till 9 A.M. Dull thundery rain 4 P.M. and through night. Electric storm.

Birds. Usual run.

Sk. 150 Nymphicus 91 - repose

Shot feeding in lower scrubs between teak forest (40 ft. trees, 20 ft. scrub). Feeding 15 ft. from ground in garden edge near paw paws which natives say it eats.

Badly shot damaged and in shocking moult. <u>Iris</u> reddish orange <u>Bill</u> black <u>Legs, feet and claws</u> black <u>W. 155 T1. 148 Shot 9 A.M. <u>Wt</u>. 114.8 grams <u>Moult</u> W: R. 2,7,10,12,16, ) L. 2,7f, 10,12,16) sec, covs. <u>M</u> <u>Abr</u>. W/T N. TL. R, 1,2,3,6) L 1,2,3,6 ) covs. <u>M</u> All uppers <u>M</u> All unders <u>M</u> <u>Stm. 1</u> hard red seeds (chewed up fine) <u>Skl. 3</u> ossif. <u>1</u> crop <u>1</u> hardish black skinned seed, <u>1</u> white centres, with astringent taste.</u>

Natives say this species breeds in hollows in teak trees during Jan. and Feb. but this bird is not in breeding condition, possible it is a last year's young and they do not breed the first season. Unfortunately it is a poor specimen for a skin.

This species is not common and not uncommon and providing it does not have further exceptional hurricanes to face should not become extinct. Locals say it was very common before 1932-3 hurricane in Jan. when scores were drowned in hollows (see my notes on hurrican in N.H.). Snakes attack egg and young and take up residence in the hollows of nesting sites. Its worst factors for depopulation in in order are 1 think, 1. Cyclones with exceptional rains, fortunately rare here, but drastic when they occur, 2. snakes, 3. humans. 2 and 3 about equal, but 2 tending to mitigate 3 as locals are scared of snakes and it is the young which 3 affects mostly.

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## Thursday, 17th February 1938

- <u>Weather</u>. Dull, cloudy, overcast, clouds 100%, very light NE airs. Electric storm previous night. Rain from sunset and during night.
- <u>Birds</u>. Saw 1 blue <u>Demigretta</u> following lagoon edge, note numbers of <u>Lichmera</u> feeding young.

Friday, 18th February 1938

Weather. Sun and cloud and showers, light NE airs, clouds 60-80%.

<u>Birds</u>. Walked to St. Paul, E of Fayuiwai. Usual run of birds. <u>Zost</u>. <u>lateralis</u> seemed more common. <u>Pachyciphala</u> common in scrubs. Saw I <u>Accipiter</u>, appeared like of ad.

Sk. 151Lalage<br/>2of<br/>21 - black or very dark grey.<br/>2Central 20 ft. scrubs.Iris brownBill<br/>Bill black<br/>Legs, feet and claws<br/>black.<br/>W. 89Bill black<br/>MultW. 89T1. 84Shot<br/>7:30 A.M.<br/>Mt. 26 grams<br/>Moult<br/>W.R. 5,6,10,17)<br/>cov. M<br/>L 4,5,10,17 ) cov. M<br/>sec. MMt. 26 grams<br/>Mbr. W. outer prim M<br/>inner N<br/>TL R. 1, L1, covs. M<br/>All uppers M<br/>All unders MStm. 1fruitSkl. Comp. ossif.

Sk. 152Halcyon<br/> $\underline{4}$  $\underline{1}$  +<br/> $\underline{4}$ Soft partsIris<br/>brownShot on beach.11 A.M.Legs, feet<br/>Dark slateW. 89T1. 56Wt. 37.5 gramsPads<br/>PadsDark fleshMoult<br/>Neck 0Neck 0)Abr. W. nil<br/>T1. slight<br/>Color cons.Stm.1grasshoppersSkl.

Sk. 153 <u>Nymphicus</u> of <u>1</u> imm.

Shot 8 A.M. teak forest in company of three others. No red on head and pale bill, possibly juvenile. Seven seen but wild and shy.

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Sk. 153 Nymphicus (continued)

Soft parts Iris dirty brown white (old ivory) Bill white and yellow horn with streaks black horn Legs, feet and claws black. W. 163 T1. 154 Shot 8 A.M. Wt. 135 grams Moult Rump 0 Abr. W/S All unders 0 Chin C T/C Stm. 1 guava seeds, seeds ) hard 1 black and red hard shells) seeds Skl. Ossif. marks all over even but skull thin and clear, not thick. Sk. 154 <u>Lichmera</u>  $\frac{d}{4}$  - white Central 20' scrubs 7 A.M. W/T (measurements overlooked) Wt. 16.7 grams Moult W. R. 8,9) L 8,9) covs. & secs. M Abr. Tl. slight Color cons. Tl. - covs. cons. All uppers and unders M Stm. 0 seeds Skl. 0

Saturday 19th February 1938

<u>Weather</u>. Heavy constant rain till 4 P.M., showers from then on. Clouds 100%, wind light NE & N and N airs.

Sunday, 20th February 1938

<u>Weather</u>. Close, hot, sun and cloud. Clouds 60-80-100%. Light NW airs.

Monday, 21st February 1938

- Weather. Close, hot, cloudy, little sun. Odd showers, light W and SW airs, clouds 80-100%.
- <u>Birds</u>. Noted <u>Sterna</u> <u>bergii</u> feeding along beach margins after heavy W swell.

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Sk. 155 <u>Nymphicus</u> 9 <u>3</u> - 0.V.S.E.

Shot in tall teak forest (Inimaha area). Badly shot damaged and in bad moult. Soft parts usual. <u>Bill</u> black blue horn base. <u>W. 156 <u>T1</u>. 148 <u>Shot</u> 4 P.M. Wt. 101.8 grams <u>Moult</u> W.R. 3, 4f,6,9,19) covs. 0 <u>Abr</u>. W/S L. 3, 4f,6,18 ) covs. 0 <u>Abr</u>. W/S TL. R,3,5) covs. <u>M</u> All uppers <u>M</u>) Broadly speaking All unders <u>M</u>) decreasing tail to head. <u>Stm. 1</u> small hard seeds (? grass) I Crop <u>1</u> large white soft seeds astringent. <u>1</u> <u>Skl. 9</u> ossif. 10</u>

Natives seem to be wrong in their ideas of nesting months as so far all 3 taken show Nov. or Dec. as breeding times.

### Tuesday, 22nd February 1938

Weather. Sun and cloud, light westerly breeze. Clouds 40-60-80%.

<u>Birds</u>. Noted <u>Mongolian dottrel</u> or <u>plover</u> along the beach. Wild and shy. <u>Sterni bergii</u> feeding on refuse along coast washed up by westerly swell.

Wednesday, 23rd February 1938

- <u>Weather</u>. Fine, clear, sunny, very hot, clouds 5-10% and 80% 6 P.M., light SW wind.
- Birds. Walked down and through brackish swamps S and E of island (rise and fall with tide). Mangrove swamps, small lakes, etc. Saw 2 ducks probably <u>Afnas super</u>. Fine place for bitterns but saw none and boys know of none. Ducks wild and shy and too much cover for possible collecting. Noted <u>Collocalia</u> there appeared more rusty than elsewhere but closer examination showed only. <u>Pachycephala</u> very common even right in swamps. Several <u>Columba</u> seen but not especially numerous. <u>Zost. lat</u>. fairly common in this area. (Saw flying forces mating, Mamals). <u>Halcyon</u> very common. <u>Aplonis</u> not numerous. <u>Lichmera</u> very common in mangroves and coconuts. Saw several <u>Myagra</u>. Natives know of 3 kinds of rails in and about swamps. <u>P. tabuensis</u> they call <u>Bang</u>. Noted <u>Hirundo</u> is present but not common.

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Sk. 156 Collocalia (spod. leucop.) o' 1 - white Shot 4 P.M. Wt. 8.4 grams W 111 TI. 49 Abr. W/TN Moult Nil <u>Skl. 1</u> ossif. 3 Stm. 3 insects Specimen very fat. Thursday, 24th February 1938 Weather. Dull, showery, wind SW moderate, clouds 100% visibility very bad (3 miles). Birds. Noted Sterna bergii feeding along shore margins. 2 Freqata passed over camp. Others seen at great distances to the NE. One specimen shot. Sk. 157 <u>Fregata</u> (minor)  $9\frac{1}{2} \div 0.V.S.E.$ Shot flying over camp, one of a pair. Has winged parasites and lice. Span 1975 W. 570 T1. (in 170 Shot 4 P.M. Wt. 1290 grams out 309 Moult WR (x) 6, 16, 26) covs. C)many prim. Abr. W/T Nil L 6, 13,23,29 ) sec. ) just finished TL. R, 3 upper covs. C upper back, nape, crown 0 belly breast, neck 0 Stm. 0 fish bone residue Skl. thick opaque 0 Soft parts Iris dark brown bare skin around eye blue. Bill pale blue horn lighter tip, pouch blue flesh. Legs and feet pale flesh, claws pale horn Native name - ATAUH, southern dialect. Friday, 25th February 1938 Weather. Sun and showers, very hot light NE airs. Haze all over

<u>Birds</u>. Waded extensive swamps, much of area under taru gardens. Saw 1 <u>Hypotaemdia</u>, caught 1 adult <u>Anas sup</u>. <u>pil</u>. in eclipe moult, all wing green in full moult, tail none, body considerable moult. Saw 1 other <u>Anas</u> not in moult (on wing) 1 caught, 1 small black rail juvenile. Appears like juv. <u>Hypotaemidia</u> but natives are positive it is a juv. <u>P. tabuensis</u>, so collecting it. Rail U.S. gonads damaged.

sky, clouds 60-80-100%.

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Wt. 37 grams

<u>Stm. 0</u>

Anas super pil. weighed 625.5 grams.

Saturday, 26th February 1938

Weather. Sun and cloud, very hot and close. No wind, clouds 60%.

<u>Birds</u>. Usual run of birds seen. I <u>Anas</u> shot on lakes (brackish) inland a little from the coast and passage between Lekin Is. and the mainland.

Sk. 158 Anas super pel. of 1 grey, 48 mm x 22 mm Wt. 13.8 grams

Fairly common about lakes and swamps, said by natives to be the only duck present. Very wild and shy and has good cover in these areas. Said to be common at St. Joseph in the north of the island. <u>Iris</u> brown <u>Bill</u> dark <u>Legs and feet</u> greenish tan, darker webs. <u>W 247 T1. 83 Shot 2 P.M. Wt. 835.5 grams</u> Moult T1 L L k area of the W/T W

 Moult
 TL
 L,1,4 covs.
 <u>Abr.</u>
 <u>Abr.</u>
 W/T
 N.

 Nape
 <u>0</u>
 All unders
 <u>0</u> x chin (few)
 <u>Stm.</u>
 <u>0</u> residue seeds
 <u>Skl</u>.
 thick and opaque

Sunday, 27th February 1938

Weather. Fine, clear, sunny, light E breeze, clouds 5-10%

Went to north end of island (St. Joseph) to make inquiries about means of getting sea birds at Peaupre reefs 40 miles W of Uvea. Told there are seven species nest there, some others which don't nest. 2 kinds <u>Frigata</u>, small pure white tern (<u>Gygis</u>?) several <u>Sternas</u> possibly a booby (?) <u>Falco</u> attacks sea birds to a great extent.

On road to St. Joseph saw 5 adult blue <u>Demigretta</u>, 2 juv. blue <u>Demigretta</u>. Road follows coast for about 2/3 of distarce of 14 miles. Returning saw 2 adult and 1 juv. blue. Also saw <u>Circus</u> and 1 <u>Porphyrio</u>. Heard what sounded like a <u>Turdus</u> but natives do not seem to know of any present and have seen none in our bush rambles. And a second second state of a second state of a second se

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The pair is at a set of the set of the set of a set of a

## Monday, 28th February 1938

Weather. Fine, clear, sunny, light SE breeze, Clouds 15-20%.

Shot in bush but moult too bad. Usual run of birds.

Tuesday, 1st March 1938

Weather. Sun and cloud, sprinkles rain, moderate SE breeze, clouds 30-40%.

In camp writing notes on Mare Is. etc.

Wednesday, 2nd March 1938

<u>Weather</u>. Clear, sunny, moderate SW wind, clouds 5-10%, increasing to general haze and 15%.

Sk. 159 Accipiter (adult) of 1 white

 Shot approx. 11 A.M. in coconut groves near native village (Benoitt)

 Soft parts usual. Iris bright yellow. Leg yellow, feet bright yellow.

 M. 241
 Tl. 177
 Shot 11 A.M. Mt. 244 grams

 Moult W.R. 1f,)
 L. 1f
 ) covs. C
 Abr. W/T N

 Upper back, nape, crown O (few)
 All unders odd few nattered (crown O)
 Stm. O empty
 Skl. comp. ossif.

Thursday, 3rd March 1938

<u>Weather</u>. Fine, sunny, moderate to fresh W or WSW wind, clouds 20-30%. Hurricane sky and colours at sunset.

Friday, 4th March 1938

Weather. Fine sun and clouds, wind fresh WSW, clouds 30-40% Wind died at 4 P.M. Light northerly airs, clouds 40-60%.

## Saturday, 5th March 1938

<u>Weather</u>. Dull, overcast, cloudy, light varying winds, clouds 80-90%. Rain from 4 P.M. onwards.

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#### Sunday, 6th March 1938

Weather. Dull, cloudy, showery, winds E to NE. Clouds 80-100%.

Monday, 7th March 1938

Weather. Sun and cloud and showers, wind gusty E and NE. Clouds 60-80%. Heavy rain during afternoon, cloud 100% stormy.

Tuesday, 8th March 1938

<u>Weather</u>. Dull, cloudy, showery and heavy rain. Clouds 20, 40, 80 and 100%. Heavy rain in latter part of day. Windy, gusty strong ENE.

Wednesday, 9th March 1938

<u>Weather</u>. Dull, cloudy, showers, heavy rain. Clouds 80-100%. Wind gusty NE to NNE. Cyclone evidently started E of NE and passing westward to N of Loyalties by glass and weather, responsible for past week's bad weather and big seas.

On letters and mail and Mare. Notes during bad weather and bad moult.

Sk. 160 Porphyrio d 1 white Test. 24 x 10 mm.
1
Shot 6 A.M. Native taro cultivation swamp.
Soft parts Iris red. brown Bill red, pale base and streaks
Legs, feet pink Claw light brown
Pads light flesh
W. 239 T1. 76 Wt. 603 grams Abr. W/T Cov.
Moult W.R. (x) Up back covs. Nape cov.
Breast C Neck & chin C Legs O
Stm. 1 swamp grass seeds and vegetable matter
1 (Scalpular stitch overlooked) Skl.

Thursday, 10th March 1938

Weather. Windy, wet, dull. Cyclone increasing, torrential rains, gusts up to 25 MPH, clouds 100%.

Friday, 11th March 1938

<u>Weather</u>. Hurricane centre approaching from NW. Wind NE To to ENE, gusts up to 35 MPH. Clouds 100%, rain constant many inches. Tropical downpour.

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## Saturday, 12th March 1938

Weather. Heavy rain all day, wind ENE and E, strength 6, gusts up to 40 MPH. Clouds 100%. Wind falling during night.

## Sunday, 13th March 1938

Weather. Dull, cloudy, light N airs. Clouds 90-100%, showers.

Log closed for posting.

### Monday, 14th March 1938

Weather. Dull, cloudy, showery, light NW airs. Clouds 80-100%

# Tuesday, 15th March 1938

Weather. Fine, sunny, very hot and steamy, no wind clouds 10-20-40%.

# Wednesday, 16th March 1938

<u>Weather</u>. Fine sun and showers, fresh E to ESE breeze. Clouds 20-40%, very hot.

Phogue arrived with mails. Got all Mare notes complete and away to Mayr. Also Erromango N.H. except moult.

Thursday, 17th March 1938

Weather. Fine sun and cloud. Gusty fresh S breeze. Clouds 20-40%.

Phogue left 4 P.M.

# Friday, 18th March 1938

Weather. Fine sun and cloudy. Gusty strong E wind. Clouds 10-50%.

# Saturday, 19th March 1938

Weather. Sun and showers, strong NE breeze. Clouds 40-60%.

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#### Sunday, 20th March 1938

Weather. Sun and showers, strong NE breeze. Clouds 40-60%.

Monday, 21st March 1938

<u>Weather</u>. Fine, sunny, strong NE breeze. Clouds 40-60%, showers at 4 P.M.

- Bush. Very low 10-15 ft. scrub amongst coconuts and 20-25 ft. forest, much underbrush fern and vines, etc. Numerous banyans.
- <u>Birds</u>. In low scrub saw I <u>Pachycephala</u> of sub. ad., numerous <u>Zost</u>. <u>la</u>. and <u>Lichmera</u> mostly of, <u>Myzomela</u> 9, a few <u>Gerygone</u> lemon unders, <u>Lelage</u>, <u>Aplonis</u> a few, one feeding on ground.

In taller 20-25 ft. scrub. <u>Myzomela</u> very common, all phases, <u>Lichmera</u> 9 few, and a few males near coconuts, <u>Myagra 3 9 plumage</u>, many <u>Pachycephala</u> d ad. and sub ad. d, <u>I Cacomantis</u>, a few <u>Gerygone</u> lemon unders and white unders. Aplonis common, <u>I Ptilinopus greyi</u>, <u>I Chalcophaps</u>.

All birds very active and calling much. Heard 1 <u>Chalcites</u> near beach, strong high note possibly more robust than usual.

Sk. 161 <u>Pachycephala</u> J - white

Shot 20-25 ft. scrubs, many vines and much underbrush.

<u>Soft parts</u> <u>Iris</u> dark brown <u>Bill</u> black Legs and feet dark slate, <u>pads</u> pale, <u>claws</u> dark horn

Shot 9:30 A.M.Wt. 41.2 gramsW. 102T1. 75Moult Crown cheek 0Abr.W/T NChin 0Stm. 3 spiders, grub, beetlesSkl.LComp. ossif.

Sk. 162 <u>Aplonis</u> 9<u>1</u>0.S.E.

<u>Soft parts Iris</u> reddish orange <u>Bill, legs, feet, claws</u> black <u>W. 107 T1. 60 Shot</u> 10' scrub area 8 A.M.-10 A.M.

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Sk. 162 (Continued)

Moult W.R. 1) Covs. 0 Wt. 59.4 grams Abr. W nil Tl. slight Lower back and back C Nape, crown 0 Chest O Neck O Stm. 3 fruit and seeds 4 Skl. Comp. ossif. Sk. 163 <u>Lichmera</u>  $\begin{array}{c} \varphi \\ \frac{1}{4} \end{array}$  - imm. Shot in 20 ft.-25 ft. forest, close to coconuts. Iris dirty whitish brown Bill black gape soft yellowish Legs and feet blue slate 
 Shot
 10 A.M.
 Wt.
 12 grams
 W.
 64
 T1.
 54

 Moult
 W.
 great covs.
 M
 Abr.
 W/T N
 TL. L 4 covs. M Rump back M Nape crown 0 All unders M Stm. 1 insects <u>Skl. 1</u> ossif. 10 Sk. 164 <u>Myzomela</u> imm.  $9 \frac{1}{4}$  - (sex verified 9) Shot 25 ft. forest feeding in upper layers of leaf canopy. Very fat. Iris dark brown Bill black paler base Gape yellowish Legs and feet black Pads yellow Shot 9 A.M. Wt. 7.6 grams W. 53 T1. 35.5 Moult W covs. 0 Abr. Nil TL covs. M (x) All uppers M All unders M (neck, chin) <u>l</u> minute insects Stm. Skl. Not ossif. 2 Sk. 165 <u>Lichmera</u> of <u>1</u> + white W. 75 T1. 61 Wt. 15.9 grams Shot 8 A.M. - 10 A.M. Low 10' scrub area. Moult WR 1f, 13f, 14 Abr. Nil L 1f, 13f TL R1 L1 Back C Nape O Crown O Belly C Breast O linsects. Stm. Skl. Comp. ossif. 4

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Sk. 166 <u>Myzomela</u>  $2\frac{1}{4}$  + Very fat. Shot 8 A.M. in low 8 ft. scrub amongst coconuts (native plantations). Soft parts as above. Badly shot damaged. Shot 8 A.M. Wt. 7.7 grams W. 54 T1. 38 Moult TL (x) RI L4 Abr. W/T N Rump back M Nape O Crown M All unders M <u>Stm. 1</u> nectar, small insects <u>Skl. 1</u> ossif. 2 Sk. 167 Lichmera of 1 - white (L test. slightly larger) Shot in coconuts. Soft parts usual. Shot 8 A.M. <u>Wt</u>. 16.7 grams <u>W</u>. 75 <u>T1</u>. 62.5 Moult W. R. 1f, 2F,16 ) . R. If, 2F,16 ) L, 1f, 2f, 3f, 13, 15) covs, sec. <u>0</u> <u>Abr</u>. W/T N TL. R, 1, L.1 All uppers <u>0</u> to <u>C</u> <u>Stm.</u> <u>1</u> insects All unders 0 to C <u>2</u> All unders 0 to C Skl. Comp. ossif.

Tuesday, 22nd March 1938

<u>Weather</u>. Sun and clud and showers, strong gusty E wind. Clouds 60-70-80%.

Writing mail all day.

Wednesday, 23rd March 1938

- Weather. Overcast, cloudy, light haze all over sky at times. Clouds 60-80%, wind gusty strong E.
- Scrub. Low 20-25 ft. forest, fairly dense underbrush, ferns, etc. much vine growth.
- Birds. Usual run of birds. <u>Myagra very scarce</u>, 1 only seen, <u>Myzomela common all phases</u>. <u>Aplonis common</u>, <u>Pachycephala</u> fairly numerous, 2 or sub. d, gives different call. Heard several uncommon calls today all traced to <u>Pachy</u>. <u>Gerygone</u> not common. 1 <u>Cacomantis</u> calling. Noted birds were feeding mostly in upper leaf canopy today. See individual <u>Pachy</u> 168-9.

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active. Los 23-09 (c. forest, fairly danse underbrain, forme, etc.

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Sk. 168 Pachycephala  $91 \div 0.5.E.$  | previously thought this plumage was the imm. of phase so my note of yesterday re absence of Q was wrong probably. Very fat. Female sub 9 plumage. Shot in 20-25 ft. forest with dense underbrush, many shrubs, vines, ferns. Iris reddish brown Bill black Legs and feet pale slate Claws horn Pads pale. Shot10 A.M.Wt. 40.5 gramsW. 96T1. 70Moultback napecrown0fewcheeks0Abr.W/TN neck O chin M Stm 1 bright beetles <u>Skl.</u> <u>3</u> ossif. <u>4</u> 4 (metalic skin) Aplonis of <u>1</u> - R.T. white L.T. black W. 113 T1. 63 Shot 8 A.M. Wt. 67.8 grams 20' - 25' forest. Shot near ground. <u>Moult</u> W.R. 1, 2f, 11C ) L. 1, 12, 12,13) Covs <u>0</u> Abr. W/T Nil T1. R. 5 L. 3 Upper back <u>C</u> Nape <u>O</u> Breast <u>O</u> Stm. 1 fruit seeds Skl. Comp. ossif. Too damaged for skinning. Sk. 169 <u>Pachycephala</u> of  $\frac{1}{4}$  - white sub. ad. ♀ plumage phase. Soft parts usual. Has lice on wing primaries. Shot 20-25 ft. forest, underbrush, vines, ferns, etc. Shot 8 A.M. Wt. 39.85 grams W. 101 T1. 73 etc. <u>Shot</u> 0 (1.1.1) <u>Moult</u> W.R. 1f, 12f, 13-15) sec. <u>M</u> L. 1f, 12f, 13-15) covs.<u>M</u> Abr. W/T N TL und. covs 0 rump O back M nape O crown M cheeks O belly O flank O beast C neck, chin M 3 insects, beetles, hard grubs Stm.  $\frac{Skl}{2}$ . <u>l</u> ossif. 4 Indistinguishable from 9 in field Have not heard this plumage phase use the common of call.  $\mathcal{Q}$  and imm. as easier to call to one than  $\sigma$  ad. who will answer but not approach observer.

Sk. 169A Pachycephala of 3 - white 4 Shot 10 A.M. 20' forest area. <u>W. 104 T1. 71</u> <u>Wt. 40 grams</u> Moult W.R. (x) 14 Abr. W/T Nil L. 14 Up. back 0 Belly 0 breast 0 Stm. 3 insects Skl. Comp. ossif. 4 Sk. 170 <u>Myzomela</u> of <u>3</u> - white ad. 4 20-25 ft. forest, much underbrush, ferns, vines, etc. Feeding in top leaf canopy. Iris ? bill black Legs, feet and claws black pads pale Shot 8 A.M. Wt. 9.7 grams W. 62 T1. 43 Abr. W/T N Moult back C crown O all unders O Stm. 1 minute insects Skl. Comp. ossif. 4 Sk. 171 <u>Myzomela</u> of  $\frac{3}{4}$  - white ad. 20-25 ft. forest in secondary shrubs. Note all Myzomela so far have had a patch of pollen on the base of the bill from flower sucking in some cases it has been fairly hard. Iris brown Soft parts usual. Shot 8:30 A.M. Wt. 9.95 grams W. 62 T1. 43 Moult crown 0 all unders O Abr. W/T N Stm. 1 insects, honey Skl. Comp. ossif. 4 (Has abdominal parasites, small thread worms) Aplonis Mr. L. saw a pair of Aplonis on ground in scrub locked together whether in coitus or an adult driving away young is uncertain but they remained locked almost long enough for him to catch them under his hat.

## Thursday, 24th March 1938

Weather. Fine, sun and cloud, gusty moderate E wind. Clouds 40-50%.

- Bush. Low 25 ft. forest, much secondary growth, ferns, vines and underbrush.
- Birds. Usual ones seen. Zost. lateralis favors more open types scrub.

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Sk. 172 Pachycephala of  $\frac{1}{2}$  (L.T.  $\frac{1}{2}$  + white R.T.  $\frac{1}{2}$  black) Shot 20 ft. forests. Soft parts usual 2 plumage. Has great number of lice. Shot 5:30 P.M. Wt. 41.4 grams W. 100 T1. 74 Moult W: R. If, 14, 15) L. If, 14, 15) covs <u>O</u> <u>Abr</u>. W/T N Back, nape, crown O Cheeks O Belly, vent, flanks, breast 0 <u>Stm. 1</u> large caterpillar <u>Skl. 9</u> ossif. 10 Zosterops 9 1 4 W. 59 T1. 44 Wt. 16 grams Shot 20' forest area. 6 P.M. <u>Moult</u> W.R. 8.9) covs. <u>M</u> L. 9) covs. <u>M</u> TL R 1.45) L. 5) covs. <u>M</u> Abr. W/T Nil All ups. M All unders M Stm. 1 seeds Sk1. 2 Too damaged for skinning. Sk. 173 <u>Lalage</u> 9 <u>1</u>+ 0.S.E. Feeding in tree tops 20 ft. forest. Shot 5 P.M. <u>Wt</u>. 22.9 grams <u>W</u>. 82 <u>T1</u>. 75 Moult W.R. 1, 2f, 12, 15 ) sec. 0 L. 1, 2f, 6, 12f, 15) covs. M Abr. W/T N. (X1 tail much colour) TL. 6, 4, 5, 6F covs. M Rump M back C nape M crown 0 Belly flanks, breast, neck M chin O Stm. 1 grubs, insects Skl. Comp. ossif. 2 Sk. 174 <u>Myzomela</u> of <u>0</u> + white juv. Nib ad of plumage 0 Shot 5:45 P.M. <u>Wt</u>. 10 grams <u>W</u>. 60 <u>T1</u>. 40 Moult W. covs. M Abr. W/T N TL covs. M All uppers 0 All unders M Stm. 1 insects small black Skl. No ossification 1 seeds hard shell white

# Friday, 25th March 1938

Sk. 178 Nymphicus 9 1 -Very high up in tall 40-50 ft. teak trees in forest behind lahnimaha. Camped for heat of day. Iris dirty pale brown. Bill white horn dark streaks Legs, feet and claws black. Shot 12 Noon <u>Wt.</u> 103.2 grams <u>W.</u> 156 <u>T1.</u> 146 Moult W.R. (x) TL. (x) Crown 0 <u>Sk1.</u> <u>3</u> ossif. <u>4</u> Stm. 1 chewed seeds 1 Crop  $\frac{1}{\frac{1}{24}}$  white soft seeds Sk. 179 Nymphicus 9 1 + Very high in tall teak tree, camped for midday. In forest behind lahnimaha. Soft parts Iris orange Bill blue home base black tip Legs, feet and claws black Shot 2 P.M. <u>Wt</u>. 111.4 grams <u>W</u>. 158 <u>T1</u>. 149 Moult W.R. 1, 9, 13-15) L. 1, 9, 13, 14) under covs. M TL. R 1, L1, covs. M Abr. W/T N. Rump back O nape, crown M All unders C neck, chin M Stm. 1 chewed seeds (brown) Skl. Comp. ossif. Crop  $\frac{1}{4}$  paw paw seeds Sk. 180 <u>Cacomantis</u>  $\sigma \underline{1}$  - white (LT  $\underline{1}$  RT  $\underline{1}$  - ) 2 2 2 Forest and garden lands Iris crimson Bill black Legs and feet yellowish with darker streaks Shot 7 A.M. Wt. 55.8 W. 136 T1. 145 Moult W.R. 3, 7, 11f) L. 3 ) covs. 0 Abr. W/N L. 3 T/S TL.R 2, 4 covs. 0 Rump, back O upper back M nape, crown C All unders C 1 very large green caterpillars Skl. 1 ossif. Stm.

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#### Saturday, 26th March 1938

Weather. Dull, cloudy, complete haze, 100% clouds, light northerly airs. Bush. Coconuts and 25 ft. forest. Birds. Saw 1 pair Nymphicus in flight, calling a good deal. Myzomela juv. and females very, very numerous. Other birds usual run. Sk. 181 Zosterops lat.  $\begin{array}{c} 2 \\ 4 \end{array}$  - imm. Feeding on lantana berries amongst small scrub in coconut groves. Iris hazel Bill light horn, darker tip Legs and feet pale slate (whitish bluish) 

 Shot
 10:45 A.M.
 Wt.
 19:9 Grown
 2

 Moult Rump
 M
 crown
 0
 Abr.
 W/VS

 breast, chin
 0
 T/S
 T/S

 Stm.
 1
 lantana
 berries
 Skl.
 not ossif.
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 10
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 Shot 10:45 A.M. Wt. 15.3 grams W. 59 T1. 45 Sk. 182 Lichmera of <u>3</u> Whit U.T. Shot 11 A.M. Coastal coconuts W. 74 <u>T1</u>. 62 Wt. 15.3 grams Moult Nil Abr. W/T Nil Stm. 0 nectar Skl. Comp. ossif. 0 Sk. 183 <u>Myzomela</u>  $\begin{array}{c} 2 \\ 4 \end{array}$  juv. plumage 
 Shot
 9:30 A.M.
 <u>Wt</u>. 7.7 grams
 <u>W</u>. 54
 <u>T1</u>. 38

 Moult W.L (x)
 Abr. W/T N
 TL covs. M Upper back, nape C crown O All unders M X chin 0 Stm. 1 insects <u>Skl. 2</u> ossif. 3 Sk. 184 Accipiter 9 3 O.V.S.E. Diam. oocyte 2 mm. Soft parts usual. This bird passed over the camp at 4 P.M. and domestic fowls gave the collector the warning, on try-

ing to see where it perched it sneaked away 150 yds. to mission where fowls again gave it away, from here again it fled to a native village and was again betrayed by fowls. After numerous unfruitful stalks by collector it passed into the taru swamps and began feeding or drinking in mud

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# Sk. 184 Accipiter (Continued)

and was finally stalked while on the ground and shot at 6 P.M. A large earth worm was pulled out of its throat on picking up and carrying a short way. <u>Shot 6 P.M. Wt. 489 grams W. 275 Tl. 22 (1) (+ or -)</u> <u>Moult W.R. hunb 1,2, 12, 13, 16, 17 ) rump, back M</u> L. '' 1,2, 3F, 12F, 13, 16, 17 ) nape <u>C</u> crown <u>O</u> TL. (x) R 2, 5, L. 2.5 (?) covs <u>A</u> All unders <u>C</u> <u>Stm. 1 bird crop 1 bird meat</u> 1 <u>Abr. W/mixed v.f</u> T/ <u>M</u> aver.

Sunday, 27th March 1938

<u>Weather</u>. Hot and sunny, odd sprinkles rain. Light airs. Clouds 30-40-60%.

Monday, 28th March 1938

- <u>Weather</u>. Hot, close, sunny, light airs. Clouds 40-60%, odd sprinkles rain.
- Bush. Low 25 ft. forest, much underbrush, vines, etc.

Birds. Usual run seen

Sk. 185 <u>Zosterops</u> <u>lat</u>. of <u>l</u> - (RT white LT black spot in middle)  $\frac{1}{4}$ 

Iris hazel Bill pale horn, white horn lower M. Legs and feet
pale flesh
Low scrub amongst coconuts.
Shot 11:30 A.M. Wt. 14.6 grams W. 61 T1. 48
Moult W.R. 7
L 7
TL covs. C
Nape, crown 0
Breast, neck, chin 0

 $\frac{\text{Stm. } 1}{1} \text{ fruit} \qquad \frac{\text{Skl. } 1}{5} \text{ ossif.}$ 

Tuesday, 29th March 1938

- Weather. Clear, sunny, very hot, light N airs, clouds 10,20,30% 11 A.M. 30, 40, 70% 3 P.M.
- Bush. Forest of tall teak trees 60-80 ft. Dense smaller trees and shrubs, vines, etc. abound. Leaves, fallen twigs, etc. (fairly open very close to ground 1 ft. 6")

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Birds. Usual ones seen. 1 pair Nymphicus in flight. 1 blue Demigretta. 1 pair Myagra, this species seems rare of Uvea. A few Gerygone but not very common. Sk. 186 Myagra of 1 - (LT white RT black or dark blue grey) In tall forest 8:30 A.M. Very silent for this species. Iris dark brown, Bill blue horn (light) black edge and tip Legs, feet and claws black Shot 8:30 A.M. Wt. 13.8 grams W. 75 T1. 65.5 Moult W.R. 14, 15 L. 14, 15 Abr. W/T N TL covs. M Back, nape, crown 0 Flanks 0 <u>Stm. 1</u> insects, beetles Skl. comp. ossif. Sk. 187 Myagra 91 + 0.U.S.E. Badly shot damaged Female plumage. Bill blue horn (dark) black edge and tip consid. darker than of Sk. 186. Legs and feet dark bluish slate. Lighter than of Sk. 186. Iris dark brown In tall 60 ft. teak forest much lower trees, scrubs and underbrush. Near Sk. 186 may poss. be mated pair if 9. Hunts in lower scrubs and trees to 20-25 ft. very occasionally goes higher. Not common on Uvea anyway during this time and is more silent than usual with Myagra, is shy and hard to call to observer. This specimen tail badly damaged and 1 feather re stuck 3 entirely lost. Shot 8:30 A.M. <u>Wt</u>. 13.2 grams <u>W</u> 70.5 <u>T1</u>. 64 Moult Nil Abr. W/T N Stm. 3 insects, beetles Skl. Comp. ossif. 4 Sk. 188 Pachycephala of 2 + white Tests. different shapes L.T. 0 4 RT 8 Tall 40-60 ft. teak forest, much lower scrubs, vines, etc. dense brush. Very common, frequents lower forest levels from close to ground up to 20 ft. Calls much. Soft parts usual. Shot 8 A.M. <u>Wt</u>. 40 grams <u>W</u>. 104 <u>T1</u>. 78 Moult W.R. 15 Abr. W/T N L. 15 back O breast C <u>Stm. 3</u> beetles and insects <u>Skl</u>. comp. ossif.

Sk. 189 Pachy.  $9\frac{1}{\mu}$  + imm. Shot same time and place as above, possible mated. ♀ plumage. Soft parts usual. Shot 8 A.M. <u>Wt.</u> 41.3 grams <u>W.</u> 98 <u>T1</u> 70 Moult W.R. 15 (x) Abr. W/T N L. 15 (x) cheeks 0 All unders 0 x neck, chin C Stm. 3 grubs, molluscs <u>Skl 1</u> ossif. 4 3 Sk. 190 <u>Myzomela</u> of <u>1</u> - white Shot 9:30 A.M. Tall 40'-60' forest area. W. 61 T1. 42 Wt. 9.3 grams Moult W.L. 8 Covs. 0 Abr. W/T Nil back O upper back M Nape and crown C belly, breast, neck 0 3 insects Stm. Skl. Comp. ossif. 4 Sk. 191 Zost. lat. of 1 - imm. (LT black, RT white) 1. Soft parts usual. Beach scrub. Fluffy abdominal feathers. Shot 11 A.M. Wt. 15.25 grams W. 63 T1. 52 Moult nape, crown 0 Abr. W/T N chin O Stm. 1 chili peppers Skl. 1 ossif. 10 Sk. 192 Lichmera of 3 + white  $\frac{1}{4}$ Soft parts usual. Coconut palms. Shot 11:15 A.M. Wt. 15.7 grams W. 73 T1. 60 Moult Nil Abr. W/T N Stm. 1 very small beetles Skl. Comp. ossif. 4 Wednesday, 30th March 1938 Weather. Fine, clear, sunny, very hot and close. Dead calm, no wind, clouds 30-40%. Birds camped very early and hardly any movement all day till 5:30 P.M. Thursday, 31st March 1938 Weather. Fine, sunny and cloudy, very close and hot, light NE

airs, clouds 10-30-60-80% by 12 A.M. Showers at I P.M., clouds 100%.

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- Type Bush. Original forest of Uvea. Tall 40-60 ft. teak and other trees, much secondary trees up to 30 ft., much lower shrubs and small trees up to 15 ft. lower 4 and 5 ft. shrubs scanty, scanty (small and patches of dense) coral rock birdnest fern over forest floor, interlaced with much vine growth holding up dead limbs, etc. Banyans.
- <u>Birds Seen</u>. Usual run of birds, all exceedingly active today and still active at 11:30 A.M. instead of as usual camped by 8 A.M. Birds so active observation was made of bird habits for 5 1/2 hours and following individual notes taken.
- Nymphicus 2 were under observation for nearly 1 1/2 hours, then one was shot. 3 others were heard calling and 1 other seen in flight. The pair under observation were probably a mated pair. Were first heard calling at 8:30 A.M. and a careful stalk located them resting about 30 ft. up in a tree almost smothered in vines. They appeared to be playing about in the vines, hopping and making 1 and 2 ft. flights almost as if chasing each other and playing They were not feeding. They then rested for 10 or 12 minutes and preened themselves occasionally making a low murmuring to each other like low chuckles. A third solitary Nymphicus flew over past the tree and both looked up and made a hoarse cachination call and kept it up for half a minute or so. The other bird did not stop but passed deeper into the forest. The pair settled off the ground and commenced feeding on berries of vines and on the seeds of several trees and shrubs growing at these lower levels, principally the penubre tree berries, a fruit much favored by Macropygia elsewhere. They fed on these for 20 minutes or so only very occasionally making a low murmuring to each other, almost invariably answering the other's call. One then approached the other and made several bows ruffled his or her feathers and called "KO-KOT", several times and was answered by the other which also made several bows. They raise themselves to full height on legs and with neck stretched up suddenly slump down giving the effect of a bow. After several such bows and calls, one, I presume the of approached and murmuring and was answered almost constantly by low murmurs of the other. The of then appeared to mouth the other all the way down its body to its leg and lifted the foot in its beak a short way off the branch when the ? let out a hoarse low shriek and appeared to softly peck the of whereupon both went off in cachinnation calls and ended up with "KO KOK repeated rapidly several times in unison

and a said off, farmer any include the second and a settle of the set of the settle of the the last the work of a loss of the second second second adverse to the second of second large differences and irregularly commenced chasing each other for 3 or 4 minutes, murmurs and occasional calls being given. What was thought to be a of proved on skinning to be 9. They then fell to feeding again on vine berries exclusively till an attempt to line them up for shooting resulted in only one being killed. Although another hour was spent trying to get the mate which returned in 10 minutes and called repeatedly the bird was thoroughly alarmed and on the qui vive and too shy to allow a shot, though it would answer mimic calls occasionally, it would not come near.

Myagra On Uvea this species inhabits the tall forest more than the low scrubs which it favours on other islands 4 d ad. and 3 9 plumage were seen. In the forest they appear to hunt in the middle and lower layers principally about 12-25 ft. off the ground. They occasionally go higher or lower but are generally from 12 to 20 ft. Are shy and will not be decoyed by usual calls but will generally answer a mimic of their own, "ZIZ ZIZ" (grinding) call.

> A small rail was seen but unidentified in the forest. It may have been and probably was a  $\Im$  or imm. <u>Hypotaemedia</u> or <u>Porzana unerea</u> but I doubt it was the latter. Where seen it was about 800 yds. from the nearest swamp though only about 600 ft. from open water pond, though in real true forest.

Ptilinopus greyi This bird is generally on the edge of garden clearing, a few camp in the real forest but they are not as common there as about clearings.

Columba One was seen on the edge of a clearing.

- <u>Cacomantis</u> Number heard calling, about 1 dozen altogether. A silent one low in forest which came to calls to attract <u>Pachy</u>. may have been a 9 but a shot failed to kill it.
- <u>Chalcities</u> One was heard calling in deep forest while <u>Nymphicus</u> were under observation. This bird appears rare on Uvea.

Halcyon None were seen or heard in the true forest.

Lalage Fairly numerous in the real forest where it inhabits the upper canopy of leaves almost exclusively.

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- <u>Gerygone</u> Spaced regularly throughout the forest but not very common, appears to be a bird of territory, a pair being about every 50 yds. or less. Is shy generally speaking but occasionally comes very close. Feeds mostly about 20 ft. up, but often comes lower or goes higher. Feeds at all levels but more at 10-25 ft. levels. Is a busy little feeder, has a pretty little warble, fairly strong and a low "CHIP CHIP" call.
- Pachycephala Very common throughout all the real forest. Makes the place ring with its calls at times. Is bold and easily called and will come and 9 will perch within hand reach. Has to be scared away for shooting. of are more shy but will approach and peer at one around a limb or leaf. Occasionally gathers in great number while one gives a low shrill rudy pipe and males simply make the forest crack with their whip like call. 20 or 30 of both sexes will gather at such times and appear very excited often attacking and chasing each other. Only 2 plumage has been observed giving this call, almost as if it was in a trance or under some peculiar influence. It certainly affects all birds in the vicinity and even Cacomantis appears to be attracted by this call. This species has a harsh alarm call which scatters them very rapidly and effectively silences all calls in the vicinity and even all species. It is very, very common in the real forest as common as any species and possibly the commonest. Feeds from ground up to 15 and 20 ft. mostly but does go higher. Generally speaking it inhabits lower levels and scrubs of forest and seems to favour 6 to 15 ft. levels.
- Aplonis Common in forest, feeds in upper levels or right on the ground where it picks up fallen fruit and berries and feeds on snails. 3 were actually seen tapping snails this day. Does not seem to stay in middle levels at all, is found either on the upper leaf canopy or on the ground. Will answer calls and is easily lured but is inclined to be shy and wide awake and suspicious.
- Lichmera Almost absent in real forest but a few occasionally appear where they exclusively inhabit the upper leaf canopy but are easily called to lower levels.
- <u>Myzomela</u> Very common mostly at higher levels but are easily called lower. Q feed at lower levels more often. Shares with <u>Pachy</u>, being the most common bird in this type of area. Does not appear such a definite bird of territory as elsewhere but signs of such are present and its great numbers may be responsible for it not appearing so.

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Zosterops lat. Fairly common in forest. Unlike others of this species it home in real forest. Is inclined but can sometimes be lured closer 15 ft.	apparently is quite at to be shy and suspicious
No <u>Rhipidura</u> seen on Uvea to date	
Sk. 193 <u>Aplonis</u> 9 <u>3</u> - 4	
Tall forest original type forest usual.	of island. Soft parts
<u>Shot</u> 7:30 A.M. <u>Wt</u> . 66.4 grams <u>Moult</u> Lower back, nape <u>0</u> Breast, neck <u>0</u>	<u>W</u> . 112 <u>T1</u> . 60 <u>Abr</u> . W/T N.
<u>Stm.</u> <u>3</u> seeds, berries <u>4</u>	<u>Skl</u> . Comp. ossif.
Sk. 194 <u>Nymphicus</u> & <u>1</u> + 2	
Tall forest feeding on vine ropes See log notes.	within 10 feet of ground.
<u>lris</u> reddish orange <u>Bill</u> black, <u>Legs, feet and claws</u> black <u>Shot</u> 10 A.M. <u>Wt</u> . 105 grams <u>Moult</u> W. und. covs. <u>M</u> All uppers <u>O</u> x nape, crown All unders <u>C</u> <u>Stm</u> . crop <u>3</u> seeds and berries <u>4</u> <u>1</u> chewed seeds	<u>W. 160 Tl</u> . 155 <u>Abr</u> . W/T N. , cheek <u>M</u>
2	
Sk. 195 <u>Pachycaphela</u> $\sigma_{\frac{3}{4}}$ + white Test.	. 9.5 x 6.5 mm
Tall forest. Very common. Soft <u>W</u> . 100 <u>T1</u> . 76 <u>Shot</u> 6 A.M8 <u>Moult</u> W.R. 13, 14 ) L. 14, 15, 16) Covs. <u>0</u> Back, nape <u>0</u>	parts usual. 3 A.M. Wt. 41.7 grams
Belly <u>M</u> breast <u>C</u> neck <u>C</u> <u>Stm</u> . <u>3</u> insects 4	<u>Skl</u> . Comp. ossif.
Sk. 196 <u>Gerygone</u> of <u>1</u> - white 2	
Tall forest about 20 ft. from grou secondary tree. White brow and un	iders.
Iris red brown Bill black, horn w	hite base, lower <u>M</u>

Legs and feet dark nigger brown, almost black Shot 8 A.M. <u>Wt</u>. 7.3 grams <u>W</u>. 56 <u>T1</u>. 45 Moult W. covs. 0 Abr. W/T N. TL covs. 0 Back, nape, crown 0 All unders 0 Stm. 3 minute insects and insect eggs Skl. Comp. ossif. 4 Pachycaphela of <u>3</u> white 4 Tall forest. Very common from ground up to 20'. Soft parts usual. W. 100 T1. 75 Shot 6 A.M. -8 A.M. Wt. 39.3 grams Moult W.R. 15 Abr. W/T Nil L. 15 Back O Breast O (4.C tail feathers shot away) Stm. 3 insects Skl. Comp. ossif. 4 Sk. 197 <u>Pachycaphela</u> of <u>1</u> + white 2 
 Tall forest area.
 Soft parts usual.

 W. 100
 <u>T1</u>. 73
 Shot 6 - 8 A.M.
 Wt. 39.7 grams
 Moult W.R. 14, 15 Abr. W. Nil L. 14, 15 T. slight All uppers covs. All unders M 3 insects Stm. Skl. Comp. ossif. 4 Sk. 198 Gerygone 9 1 imm. 4 Tall forest much underbrush, vines and secondary growth. Yellow eyebrow and unders. Iris yellow or golden Bill black Legs and feet black <u>Shot</u> 8 A.M. <u>Wt</u>. 6.7 grams <u>W</u>. 52.5 <u>T1</u>. 39 Moult Upper back, crown 0 Abr. W/N Vent belly, breast and T/S flanks O chin M Stm. 1 small insects, insect eggs 2

Sk. 199 Myagra of 1 - white (? exceptionally male) Shot in tall forest, inhabits middle layers. Male adult plumage. A 9 Myiagra shot at same time was in very, very heavy moult. Shot 11:30 A.M. <u>Wt</u>. 14.5 grams <u>W</u>. 75 <u>T1</u>. 68 Abr. W/T N. Moult W.R. 1,2,11) L. 1,2,11) covs M TL. L, 2f, 5f, 6f All uppers 0 All unders <u>C</u> X neck, chin <u>O</u> <u>Stm. 1</u> l large cicida or beetle <u>Skl</u>. Comp. ossif. 1 Zosterops lat.  $\begin{array}{c} 2 \\ \frac{1}{4} \end{array}$  + 0.V.S.E. Imm. Tall forest. Soft parts usual, bill slightly paler. Too far gone for skin. Shot 7 A.M. Wt. 18 grams W. 62 TL. 44 Moult W.L. 9 covs 0 Abr. W/N T/S Stm. 1 chilis 4 Skl. 1 ossif. 10 Sk. 200 <u>Pachycephala</u>  $\sigma' 0 + white imm.$ 0Tall forest.Female plumage.Soft parts usual.Shot 6 - 8 A.M.Wt. 38.9W. 95T1. 69 Moult Back, crown O nape M Abr. W/T N. All unders O X neck, chin C  $\frac{\text{Stm. 3 bright coloured beetles}}{4} \frac{\text{Skl. 1 ossif.}}{8}$ Sk. 201 <u>Lichmera</u>  $\stackrel{\sigma}{=} \frac{3}{4}$  U.T. (RT  $\frac{3}{4}$  + LT  $\frac{3}{4}$ -) white Margin forest and coconuts Shot 6 A.M. <u>Wt</u>. 15 grams <u>W</u>. 73 <u>T1</u>. 62 MoultBelly 0Abr. W/T N.Stm. 1 minute insectsSk1. Comp. ossif. 2 Sk. 202 <u>Myzomela</u> of <u>1</u> - white 2 Tall forest, frequents upper leaf canopy mostly. Very common. Shot 6 - 8 A.M. Wt. 10.9 grams W. 62 T1. 44 Moult back, nape, crown 0 Abr. W/T N. all unders O <u>Stm 1 minute insects, nectar</u> Skl. Comp. ossif. (x) 4

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Sk. 203Myzomela $3 \\ 4$ WhiteAs above. $\underline{4}$ As above. $\underline{W}$ . 60 $\underline{T1}$ . 45 $\underline{Shot}$  6 - 8 A.M. $\underline{Wt}$ . 9.1 gramsMoultTL covs 0 $\underline{All}$ All uppers Ccrown 0 $\underline{Abr}$ . W/T NilAll unders C $\underline{Stm}$ . 3 minute insects $\underline{Skl}$ . Comp. ossif.

## Friday, 1st April 1938

Weather. Fine, sunny, light NW breeze freshening. Clouds 30-40%.

Bush. Tall original forest.

Birds. Saw 1 d' Accipiter (ad.) in coastal coconut groves. Heard 3 <u>Nymphicus</u>. Usual run of birds seen. Native brought in 3 <u>Nymphicus</u> which had been in captivity a week. Caught by twine snares over paw paws with holes in them. From St. Joseph area, north of island. Taken by rader.

Sk. 204 <u>Pachycephala</u>  $?_{\frac{1}{4}}$  + imm. Soft parts usual. <u>Shot</u> 5:30 P.M. <u>Wt</u>. 38.4 grams <u>W</u>. 96 <u>T1</u>. 73 <u>Moult</u> nape, crown <u>0</u> <u>Abr</u>. W/T N. belly <u>0</u> neck, chin <u>C</u> <u>Stm. 1</u> insects, beetles, mossuscs <u>Sk1</u>. <u>1</u> ossif. <u>8</u>

> Lichmera It is worthy of note that although Lichmera lives most of its time in and about tops of coconuts during the day, it does not roost there for the night but returns to the scrub or forest margins to sleep. Possibly it would be more open to attack by owls if roosted in palm tops or it may be that rats would attack it there as they frequent palm tops a great deal.

> > Saturday, 2nd April 1938

Weather. Fine, clear, sunny, moderate W and SW wind, clouds 10-30-60%.

<u>Birds</u>. In coconut groves and low scrub. Usual run of birds mostly <u>Lichmera</u>, one <u>Myagra</u> shot and other heard but close to patch scrub, 1 <u>Myzomela</u> seen, 1 <u>Aplonis</u> but near scrub. A few <u>Zosterops</u> seen in low scrub but very shy. Several <u>Halcyon</u> seen.

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Sk. 205 Myagra of 1 - imm. (LT grey RT white) 4 ♀ plumage. In coconuts but near scrub. Soft parts Iris dark brown Bill upper M dark blue, horn lighter base, black edge tip and central ridge. Under M pale white horn base 2/3 tip, 1/3 blue horn extreme tip black horn and a little distance down central ridge. Legs and feet blue black. Shot 10 A.M. <u>Wt</u>. 13.05 grams <u>W</u>. 70.5 <u>T1</u>. 64 <u>Moult</u> Nil <u>Abr</u>. W/T V.S. Some body abrasion especially on back. Stm. 1 beetles <u>Skl. 1</u> ossif. 3 Sk. 206 <u>Aplonis</u> 9 <u>1</u> - imm. 2 Duller than previous Uvea specimen. Soft parts usual. <u>Shot</u> 10 A.M. <u>Wt</u>. 65.5 grams <u>W</u>. 105 <u>T1</u>. 57 Moult W.R. 1 Abr. W/N L. 1 T/VS Back 0  $\frac{\text{Stm. 1}}{4} \text{ seeds and fruit}$ <u>Skl</u>. <u>1</u> ossif. <u>3</u> Sk. 207 Lichmera of <u>3</u> white Shot coconuts - extensive coastal growth. Very common in area. <u>W. 75 T1. 63 Shot 6 - 8 A.M. Wt. 18.7 grams</u> Moult W covs 0 Abr. W/T Nil TL. covs 0 Lower back 0 Nape C Crown 0 Belly O Neck C <u>Stm. 1 minute insects</u> Skl. Comp. ossif. 2 Sk. 208 <u>Lichmera</u>  $\circ 1 +$ white 2 Shot coastal coconut area. 6 - 8 A.M. <u>W. 77 <u>T1</u>. 64 <u>Wt</u>. 15 grams</u> Moult TL R. If L. If, 2f <u>Stm. 1 minute insects</u> <u>Skl.</u> Comp. ossif. 4

Sk. 209 <u>Lichmera</u>  $\begin{array}{c} 2 \\ 1 \end{array}$  ++ 0.F.E. Breeding patch. 1 full size egg in oviduct. I  $\frac{1}{4}$  size egg in oviduct. Gape soft yellowish. Shot 8 - 10 A.M. <u>Wt</u>. 16.8 grams <u>W</u>. 68 <u>T1</u>. 57.5 <u>Moult</u> W. R, 12, 14, 16) L. 14, 16 )covs. <u>O</u> <u>Abr</u>. W/T N. back, crown 0 Skl. Comp. ossif. all unders 0 1 insects, pieces of lime and skull grit. Stm. Sk. 210 Lichmera of 3 - white Shot 6 - 8 A.M. <u>W</u>. 74 <u>T1</u>. 61 <u>Wt</u>. 16.65 grams Moult W. covs 0 Abr. W/T Nil TL. R. 1f L. 1f All uppers C All unders C <u>Stm.</u>  $\frac{1}{4}$  minute insects Skl. Comp. ossif. Sk. 211 Lichmera of <u>1</u> - imm. white 2 Shot 8 - 10 A.M. <u>Wt</u>. 17.9 grams <u>W</u>. 72 <u>T1</u>. 60 Moult W.R. 13) L. 13) covs 0 Abr. W/T N. TL. R 5,6 covs 0 All uppers 0 All unders C X neck, chin O <u>Skl.</u>  $\frac{1}{8}$  ossif. Stm. 1 insects 4

Sunday, 3rd April 1938

Weather. Fine, clear, sunny, light SW wind till noon then dead calm. Clouds 0-5%.

# Monday, 4th April 1938

<u>Weather</u>. Fine, clear, sunny, very hot, calm, light N airs, clouds 0- 10%.

Bush. Original forest.

Birds. 1 <u>Chalcities</u> heard calling, <u>Cacomantis</u> calling much, 3 <u>Nymphicus</u> seen and heard. 1 <u>Rhipidura</u> seen, the first seen on Uvea, apparently the same as Mare Is. <u>Zosterops</u> is very early feeder and goes across clearing very early. Usual run of birds seen. 1 of ad. <u>Myagra</u>.

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Sk. 212 Zosterops of 1 - (LT black RT white) Shot 7 A.M. Wt. 15.2 grams W. (left) 64 TL. 45 Badly shot damaged. Moult W.R. (x) TL (x) Abr. W/N Back, nape 0 crown M T/S All unders C Stm. 3 fruit <u>Skl. 1</u> ossif. 4 4 Sk. 213 <u>Gerygone</u> 90 + Juv. Lemon unders and brow. Soft parts usual X Iris light brown. Shot 7 A.M. Wt. 6.1 grams W. 49 T1. 37 Moult W.L 13, 15 Abr. W/T N. Back M nape, crown 0 All unders M Stm. 1 insects, ants Skl. 1 ossif. 5 Sk. 214 Ptilinopus greyi of 1 - white (repose) 2 Very common about clearings. Iris reddish orange Bill dull green Legs and feet dull red. Shot 7 A.M. Wt. 114.2 grams W. 131 T1. 85 Moult Rump M back, nape, crown O Abr. W/T S. All unders O X beeast M neck C Stm. 1 ceder berries Skl. 9 ossif. 10 Sk. 215 Aplonis of 0 + Black 0 Shot 7 A.M. Soft parts usual. <u>W. 111 T1. 60 Wt. 56.8 grams</u> Moult W.R. 1) L. 1)Covs 0 Abr. W/T Nil TL.R. If, 2f, 4f, 6f) L. 1, 3, 6f ) Covs 0 Lower back 0 upper back C Nape, crown 0 All unders 0 Stm. 1 fruit and seeds Skl. I Tuesday, 5th April 1938

Weather. Dull, cloudy, showery, light N and NW wind. Clouds 100-80-100%.

Bush. Taru swamps.

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Birds. Saw 5 Hypotaenidia, 1 shot and lost. 1 Porzana tabnensis (?) 1 Accipiter of, about 15 Anas. Anas fly up from mangrove swamps in south at sundown to taru cultivations behind Fayuiwa village. Many Halcyon in swamps, also Collocalia hawk much there. Lichmera feed much in low scrubs of swamp. Saw 2 Porphyrio, 1 shot and lost. One Anas with young about 1 week old.

Wednesday, 6th April 1938

Weather. Rain off and on all day, light northerly and NW airs. Clouds about 100%.

Thursday, 7th April 1938

- Weather. Dull, showery, moderate NW wind, clouds 100%. Strong wind during night after torrential rains, wind force 6 from WNW, possibly from close passing to south of water spout or small narrow track cyclone.
- <u>Birds</u>. Between 3 and 4 hundred <u>Frigata</u> passed from south towards north sidling on WNW wind (2 species easily distinguished, (minor and ariel) between 6 A.M. and 12 A.M. Scattered ones later. 1 of each species shot. Many Sterna bergii feeding in rough sea of lagoon. A flight of dark birds possibly petrels (P. pacificus) 20 odd, passed well out to sea going north.

Sk. 216 Fregata (ariel) of 1 ++ white (greyish white)

Iris dark brown? Bill black Pouch bright red Legs and feet black with deep reddish tinge Shot 10 A.M. Wt. 760 grams Span. 1790 W. 540 TLC 155 TLO 340 Moult Nil Abr. W/T N. Stm. 1 cuttlefish  $\frac{5k1}{4}$  ossif. 2

Sk. 217 Fregata (ariel) 9 1 + Breeding patch O.C.E. diam. 2 largest. Ovcytis 8 mm. 3rd 5 mm. Pouch reedish dirty flesh. 4th 4 mm. 5 and 3 mm. many smaller Native name all Fregata ATAU. Does not breed on Uvea or small islands of that atoll chain. Iris dark brown Bill light grey horn(liney) Legs and feet pale pink Claws light grey, dark streaks Shot 10 A.M. <u>Wt</u>. 955 grams <u>Span</u> 1802 <u>W</u>. 535 <u>TLC</u> 201 TLO 289 Moult TL, R6, L6 Abr. W/T N. Stm. 0 empty residue Skl. 1 ossif. 0 2

Specimen very fat.

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Clouds should be all day, 11ahr mathematy and in sist.

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- <u>Weather</u>. Fine, clear, sunny to 9 A.M., then showers and wind freshening to strong NW. Clouds 10-20%. 10 A.M. 100%. 12 A.M. 80%.
- Bush. Taru swamps and coconut grove margins.
- <u>Birds</u>. Noted <u>Frigata</u> making way to southward again but high up. Noted <u>Lelage</u> also common in small scrubs of swamps. Saw 2 <u>Accipiter</u> in coconut groves of margins of swamps, very shy. Saw only <u>Hypotaenidia</u> in swamps, 1 other small rail possibly <u>P. labuensis</u>.

## Sk. 218 <u>Hypotaenidia phill</u>. <u>swind</u>. of <u>3</u> white 4

IriscrimsonBilldark horn (greyish)crimson base.Legsand feetpale stone.In swamps.Shot8:30A.M.Wt. 211gramsW. 130+ T1. 45+MoultNape CAbr.W/T V.M.Breast, neck CStm.1seeds, molluscs, grubs, insectsSkl.123

Sk. 219 <u>Halcyon</u> of  $\frac{1}{4}$  - L.T. black R.T. white <u>Shot</u> 9 A.M. Taru swamps. <u>W.</u> 90 <u>T1.</u> 56 <u>Wt</u>. 39.8 grams <u>Moult</u> TL R 1) L 1) covs <u>0</u> <u>Abr</u>. W/T Nil All uppers <u>M</u> <u>All</u> unders <u>M</u> <u>Stm.</u> <u>1</u> insects <u>Sk1</u>.

Sk. 220 <u>Fregata ariel</u> of <u>1</u> - yellowish white

 Iris dark brown
 Bill pale limey violet
 Legs and feet

 blackish
 Pouch pale salmon.
 Both wings broken.
 Span

 may be slightly minus.
 Shot 3 P.M.
 Wt. 690 grams
 Span 1750
 W. 523

 TLC.
 281
 TLO 346

 Moult
 TL. R.
 4 covs 0
 Abr.
 W/mixed average S.

 All uppers 0
 few
 T/L consid.

 Stm.
 0
 monty residue
 Skl.
 4 ossif.

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Sk. 221 Fregata ariel ? 9 1 2 Iris brown Bill pale pink horn Legs and feet pale pink Claws dark grey Pouch pink W 550 Tl In. 285 out. 351 Span 1840 mm. Shot 3-30 P.M. Wt. 840 grams Moult TL R.I. Stm. <u>3</u> fish residue Abr. W/T M Skl. 4 Sk. 222 Fregata (ariel) 9 1 0.C.E. breeding patch. diam. largest oocyte 5 mm, many slightly smaller. Iris brown - bare skin of eye red Bill very pale limey violet Legs and feet pale pink flesh Pouch dull reddish flesh. Shot 4 P.M. <u>Wt</u>. 1055 grams <u>Span</u> 1900 W. 560 TLC 160 TLO 330 Moult Not examined Abr. W/T N. Stm. 1 3 small squid (cuttlefish) Skl. damaged 1 ? not ossif. l ossif. 4 Sk. 223 Fregata ariel of 1 ++ white 33 x 15 mm. RT slightly 1 smaller. LT 4.9 grams RT 4.1 grams Iris brown Bill black Pouch bright deep red Legs and feet black Shot 4 P.M. <u>Wt</u>. 750 grams <u>Span</u> 1780 <u>W</u>. 535 TLC 152 TLO 333 Moult Nil Abr. W/T Nil Skl. 7 ossif. Stm. 0 empty, has large parasitic stomach worms. 8 0 2 others, both F. ariel. Measurements as follows. Span 1900 Span 1830 <u>W</u>. 525 W. 550 TLC 153 TLC 150 TLO 330 TLO 282 Saturday, 9th April 1938 Weather. Fine, clear, sunny, light SW airs. Clouds 10-15%.

Bush. Taru swamps under cultivation.

### and Hanna Party Charles and

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<u>Birds</u>. Saw 1 <u>Anas</u> adult and caught 4, 3/4 grown <u>Anas</u> with dogs. Caught 1 very young <u>Porzana</u> tabuensis badly dog damaged. I half grown still semi downy <u>Hypotaenidia</u> and saw 5 adult <u>Hypotaenidia</u> but to close to dogs and native beaters for shooting safely.

Sunday, 10th April 1938

<u>Weather</u>. Fine, clear, sunny till 2 P.M., light rains, cloud 20%. Clouding over 100% by 4 P.M. then steady rain with NW breeze.

Monday, 11th April 1938

<u>Weather</u>. Cloudy and overcast, showers and heavy thunder and rain from W and SW at 9 A.M. till 11 A.M. Then fine with light northerly airs and clouds 40-60%.

Sk. 224 Trichoglossus ornatus massena 9 3 0.S.E.

Shot in coconuts at lahonimaha, Central Island. Rare
on Uvea, possibly visitor from Lifu.
Iris dark greyish, inner circle pale, crimson outer
Bill corn red and yellow Legs and feet dull grey
Claws dark horn. Specimen excessively fat.
Shot 10 A.M. Wt. 105 grams W. 135 Tl. 101
Moult W.R. 10, 13, 14)
L. 10, 12 ) covs M sec. 0 Abr. W/T N
TL. R 1, L2, covs M
Rump, back 0 nape, crown M Skl. Comp. ossif.
All unders M
Stm. l chewed seeds, nectar, chewed flowers ?

4

Sk. 225 Anas 91 - repose 0.V.S.E.

Shot in taru swamps. Has great number of lice.Iris brownBill greenish blue grey, tip blackLegs and feet light tan, darker streaks, webs dark greyishgreenClaws blackShot 5 P.M.Mt. 751 gramsMoultW. all F eclipse moultRump O few scattered allT/Fover bodyStm. 1 vegetable matterStm. 1Skl. thick, opaque

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# Address and a long the state

<u>Weather</u>. Thin and cloud, very hot till 10 A.M., then heavy rain thunderstorm, rain off and on all day. Wind light NW and W. Clouds 20-80% to 100%-80%.

Sorting and packing skin.

Wednesday, 13th April 1938

<u>Weather</u>. Sunny, very hot, light N airs, clouds 10-20%. Rain at night.

Packing and mail.

Thursday, 14th April 1938

Weather. Sun and cloud, light N airs, clouds 60-80%.

Packing, marking and mail.

Friday, 15th April 1938

<u>Weather</u>. Dull, cloudy, showers and heavy rain off and of. Wind NE, moderate and gusty, variable, clouds 80-100%. Thunder and lightening about.

Saturday, 16th April 1938

Weather. Dull, cloudy, overcast, gusty NE wind, showers off and on. Clouds 100%.

Sk. 226 <u>Hypotaenidia</u> 9 <u>1</u> + <u>4</u>

Captured taro swamp 2:30 P.M.

 W.
 135
 <u>T1.</u>
 56
 Wt.
 124.5 grams

 Moult
 W. au F. covs & sec. C
 <u>Abr</u>.
 W/T Nil

 TL.R.
 1, 2)
 covs M
 Conv.

 L.
 1, 2)
 covs M
 Stm.
 <u>3</u> seeds and insects
 Skl.

# Sunday, 17th April 1938

Weather. Sun and showers, light variable airs NE to NW. Clouds 60-80%. Thunder and lightening.

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## Monday, 18th April 1938

Weather. Same as previous day.

## Tuesday, 19th April 1938

Weather. Sun and showers, fresh NW breeze, clouds 60-80%, thunder, rain at night.

Wednesday, 20th April 1938

Weather. As previous day and weather the same down to

Sunday, 24th April 1938

Weather. Fine and very hot, clouds 30-70%. Heavy rain all night.

H. Labor left.

# Monday, 25th April 1938

Weather. Sun and cloud and showery, hot and close, wind light E and NE airs. Clouds 80%.

Type Bush. Coconut groves, open village grasslands.

Birds. Noted <u>Collocalia</u> all flying high but <u>C</u>. <u>spodypigia</u> higher than <u>Cisnibuta</u>.

Sk. 227 <u>Collocalia levcopygia spodyagia</u> 9<u>3</u> - O.C.E.

Shot 10 A.M. hawking above coconuts in native village. Very fat. <u>Shot 10 A.M. Wt. 9.4 grams W. 114 T1. 48</u> <u>Moult W.R. 1, covs 0</u> L. 1. covs 0 TL R 3, 4) covs. M <u>All uppers C</u> <u>All unders C</u> <u>Stm. 1 insects, beetles, large Skl. 1 ossif.</u> <u>1 green blowfly</u> <u>5k. 228 Collocalia esculenta urogpyalis of 1</u> - black

Hawks generally below tree tops.

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# Sk. 228 Collocalia esculenta urogpyalis (Continued)

Shot 8 A.M. Wt. 595 grams W. 97 Tl. 41 Abr. W/T N. Moult Back 0 Unders 0 few 1 minute beetles and insects Skl. 1 ossif. Stm. 10 <u>Collocalia escul. urog</u>.  $9 \frac{1}{2} - 0.V.S.E.$ Shot 7 A.M. Wt. 5 45 grams W. 95 T1. 41 Moult WR 1, 2 covs 0 Abr. W/N T/mixed M + N L1, 2 TL R3-4L 2, 3 covs M All uppers C All unders M Stm. 1 insects Skl. 1 ossif. 10

Sk. 229 Columba of  $\frac{1}{4}$  white

Fairly common in certain areas, controlled by fruiting and seeding seasons. Soft parts same as Mare Island. <u>Iris</u> reddish golden <u>Bill</u> red and white <u>Legs, feet</u> red, <u>claws</u> white horn. Tall forest.

Shot 4	P.M. <u>Wt</u> . 426.2 grams	W.	248	<u>T1</u> . 165
Moult	TL, R 3-5 covs. M		Abr.	W/N
<u>Stm. 1</u>	black seeds			T/S
1	(of lawyer cane?)		Skl.	2 ossif.
				10

Tuesday, 26th April 1938

Weather. Sun and cloud, odd showers, light N airs, clouds 60-80%.

- Bush. Short forest, garden lands and coconut groves.
- Birds. Saw usual run of birds and 1 <u>Myagra</u> of ad., 1 <u>Accipiter</u> of ad., 2 <u>Mymphicus</u>, many <u>Zosterops</u> <u>lat</u>. <u>nig</u>. and <u>Pachyaphala</u> and <u>Myzomela</u>. Heard many ducks and rails in swamps after dark when returning. Saw a bird which may prove to be <u>Zosterops</u> <u>inornata</u> but appears to have large white eye ring. Seen just at dusk on wing and impression may be wrong but shall investigate. Natives seem not to know it tho' 1 old man says he knows it.

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Sk. 230 Zosterops of 1 - black 4 Soft parts usual. Feeding on lantana. Shot 3 P.M. Wt. 15.7 grams W. 61 T1. 47 Moult Crown 0 Abr. W/T N. Stm. 1 banyan seeds, lantana berries Skl. 1 ossif. 3 1 Sk. 230A Zosterops of 1 white 4 Shot 4 P.M. <u>Wt.</u> 14.45 grams <u>W</u>. 60.5 <u>T1</u>. 47 Abr. W/VS Moult Neck 0 T/S Skl. 1 ossif. <u>Stm. 1</u> lantana berries <u>Skl</u>. <u>1</u> ossif. 1 4 Sk. 231 Aplonis of 1 + (LT 1 white RT 1 black) 4 3 4 Soft parts usual. Feeding on small red and yellow banyan figs. Shot 5 P.M. <u>Wt</u>. 67.35 grams <u>W</u>. 110 <u>T1</u>. 61 Moult Nil Abr. W/T VS <u>Stm. 1</u> banyan firs <u>Skl. 3</u> ossif. 1 4 Sk. 232 <u>Aplonis</u>  $93 \div 0.5.E.$  diam. largest oocyte 2.8 mm. 4 As above. Shot 5 P.M. Wt. 66.2 grams W. 106 T1. 56 Moult W.R 15, L. 15 Abr. W/T S All uppers and unders O <u>Stm. 1</u> banyan figs Skl. Comp. ossif. 2 Sk. 233 Lichmera of 3 + white 4 Shot 3 P.M. <u>Wt. 15.7 grams</u> <u>W. 72</u> <u>T1. 60</u> Moult TL. R 4 covs 0 Abr. W/T N. <u>Stm 1</u> insects Skl. 4 ossif. 4 5 Sk. 234 <u>Ptilinopus greyi</u> ? <u>1</u> -Native name BING. Feeding on banyan figs. Shot 5:30 P.M. <u>Wt</u>. 101 grams <u>W</u>. 116 <u>T1</u>. 79 Moult Nil Abr. W/T N. Stm. 1 banyan figs Skl. 4 ossif. 1 5 crop <u>l</u> figs

### Wednesday, 27th April 1938

Weather. Dull, cloudy and showery, moderate N Wind, heavy rain late in day. Clouds 80-100%.

# Bush. Tall forest, teak and other trees up to 60 ft. and more.

Birds. Usual run of birds seen. 2 <u>Nymphicus</u>, 1 shot. All day search for <u>Zosterops</u> inornata and none found or seen or heard.

Sk. 235 <u>Nymphicus</u> of <u>1</u> repose (RT <u>1</u> - black LT <u>1</u> + white 2 2 2 2 Iris bright reddish orange Bill blue horn, black rest. Legs, feet and claws black Shot resting very high in 60 ft. teak tree at midday. Shot 12 A.M. <u>Wt</u>. 127.2 grams <u>W</u>. 168 <u>T1</u>. 167 Moult W. Rl. numbers F. prim 2,3 & 8 Ll ditto above Abr. W/S T/N cheeks, crown C All uppers 0 few nattered All unders C Note: There is an appearance on wing prim. of feathers being eaten. This bird has many lice and this may cause it to eat or bite at plumes. Stm. 1 chewed seeds  $\frac{Skl}{5}$   $\frac{4}{5}$  ossif. 2 Crop 1 seeds 4 Sk. 235A Chalcophaps 91 ++ (2 very large eggs) in oviduct Full breeding O.F.E. Fairly numerous in certain areas but not common as in New Hebrides. No taxerderm value. Badly damaged, only collected for record. Iris ? Bill deep red base, tip corn yellow Legs and feet dull red Shot 2 P.M. Wt. 111.7 grams W. 141 T1. 97 Moult Not examined Abr. W/T N Stm. 1 seed berries Skl. 4 ossif. 2 5 Sk. 236 Aplonis 9 1 + 2 Shot 3 P.M. <u>Wt</u>. 67.4 grams <u>W</u> 107 <u>T1</u>. 58 Moult TL. RI covs 0 Abr. W/T S neck, chin 0 1 chili peppers Stm. Skl. Comp. ossif. 4

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### Thursday, 28th April 1938

Weather. Fine, clear, sunny, light N airs, clouds 40-60%.

Bush. Tall original forest, much underbrush.

<u>Birds</u>. Usual birds seen. 1 <u>Accipiter</u>, 3 <u>Nymphicus</u>. All day search for <u>Zosterops</u> <u>inornata</u>, none seen.

 Sk. 237 Aplonis
 9 1/2
 - (repose)

 Shot 6 P.M.
 Mt. 63.2 grams
 M. 110
 T1. 61.5

 Moult
 Abr. W/T N.

 Stm
 0
 empty
 Skl.

 0
 0
 Skl.
 Comp. ossif.

Friday, 29th April 1938

<u>Weather</u>. Dull, cloudy, raining off and on all day. Clouds 100%, wind fresh southerly to SE.

Bush. Low 30 ft. forest.

- <u>Birds</u>. Usual common species only seen, searching for large <u>Zosterops</u>, not any seen.
- Sk. 238 Zosterops lat. 91 +

2

Soft parts usual.Feeding in upper leaf canopy, 30 ft.forest.Shot9 A.M.Wt.16.1 gramsW.63T1.47MoultUpper backMnapeOAbr.W/TN.

Crown <u>M</u> cheeks <u>C</u> All unders <u>M</u> <u>Stm. 1</u> large berry, insects <u>Skl. 1</u> ossif. 2 3

Sk. 239 Zosterops lat. of 1 + tests. blackShot 9:30 A.M. Wt. 17 grams W. 65 T1. 50 Moult W.R. 1f, 6f, 14 covs. M Abr. W/T N. L. 1f, 5,14, 15 sec. 0 TL. L 1 covs. M All uppers M All unders M Stm. 3 small seeds and insects Sk1. Comp. ossif.

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Sk. 240 Pachycephala of  $\frac{3}{4}$  + white (soft flacid) Male adult. Wt. 43.5 grams W. 102 T1. 75 Shot 9:30 A.M. Abr. W/T N. Moult W.R. (x) L. 15 chin C Stm. 1 caterpillars Skl. Comp. ossif. Sk. 241 <u>Collocalia esc. urogp.</u>  $\sigma_{\frac{1}{L}}$  - LT black RT white Shot 10 A.M. <u>Wt</u>. 5.8 grams W. 102 T1. 43 Abr. W/T N. Moult W.R. 1 L. 1 TL. R, 1 Ll covs. M All uppers  $\underline{0}$  few All unders  $\underline{0}$ Stm. 1 insects <u>Skl. 1</u> ossif. 5 Sk. 242 <u>Myzomela</u>  $\sigma 0$  + white 0 imm. o' sub. ad. 

 Shot
 7 A.M.
 Wt. 9 grams
 W. 60
 T1. 40

 Moult
 WR 1-3, 11 (X))
 sec. 0
 Abr. W/T N.

 1-3, 12, 15)
 covs. C

 TL. all F inner outward sequence All uppers M All unders C <u>Stm.</u>  $\frac{1}{4}$  ants, nectar Skl. Not ossif.

Saturday, 30th April 1938

Weather. Dull, overcast, cloudy, gusty SE and E wind. Clouds 100%.

Bush. Original forest.

Birds. Usual run of birds seen. Unusual number of <u>Myagra</u> seen, 3 d and one 9. 1 <u>Nymphicus</u> seen on wing. 1 <u>Accipiter</u> on wing.

> Previous night was rough and gusty and noted that except after first half hour of dawn, chorus birds were extraordinarly inactive and quiet. It was a cold night and as I noted by 9 A.M. bird were more active, it may have been they suffered from cold.

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- sterny basiping stars
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weather of an and reach and math and house that server after flow ball have and waint. It was work after and a weather to familie and waint. It was work after and a bary softward from work. Collocalia All this week I have noticed Collocalia leucopygia spodypigia has been getting scarcer and scarcer. Do they migrate or become nomadic or semi migratory? Previously on Uvea one saw hundreds of C. spod. in a morning and they outnumbered C. esculenta by 10 to 1 and more. All this week they have been decreasing till this morning I saw no more than half a dozen of them, tho! I saw at least 100 C. escuenta which appeared in their usual numbers. It is worth noting how inna. of of this species C. spod. outnumber adults tho' the opposite should be the case as they only lay 1 eqq. It appears that either C. spod. takes a long time, 2 years for the skull to ossify or adults depart for other feeding grounds on completion of rearing the young. Possibly imm. remain the first year but depart with the adults the 2nd year.

> Over taru swamp which literally swarmed with <u>C</u>. <u>spod</u>. I did not see a single specimen this morning, tho' I saw half a dozen there yesterday and more the previous day.

I have noted the decrease of numbers since last week and have waited till now to record it in case it was only temporary and have kept a count of numbers since last Monday, the 25th. These are as follows.

Monday something over 100 seen <u>Tuesday</u> between 50 and 60 <u>Wednesday</u> 18 only <u>Thursday</u> 14 only <u>Friday</u> 8 or 10 only <u>Saturday</u> 5 or 6 only

2

Will take further note of them and enter it in the log from time to time. It may be worth noting that during the past fortnight the mosquito plague which made life almost unbearable has passed almost away. Mosquitoes are now scarce comparatively speaking. <u>Collocalia</u> feed on these as I have found them in their beaks when shot.

Sk. 243 Gerygone of 1 - white

Original forest. White unders. <u>Iris</u> red brown, almost crimson <u>Bill</u> black <u>Legs and feet</u> brownish black <u>Shot</u> 7 A.M. <u>Wt</u>. 6.95 grams <u>W</u>. 54 <u>T1</u>. 42 <u>Moult</u> TL L4 <u>Abr</u>. W/T N. <u>Stm</u>. <u>3</u> insects, grub, ant <u>Skl</u>. Comp. ossif.

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Sk. 244 <u>Gerygone</u> of <u>1</u> - white 2 Soft parts as above. <u>Shot</u> 6:30 A.M. <u>Wt</u>. 7.2 grams <u>W</u>. 55 <u>T1</u>. 40 <u>Moult</u> back <u>C</u> <u>Abr</u>. W/N T/S <u>All unders <u>C</u> <u>Stm</u>. <u>1</u> minute scale and insects <u>Sk1</u>. Comp. ossif. <u>2</u></u>

Sunday, 1st May 1938

<u>Weather</u>. Fine, clear, sunny and hot, light E breeze, clouds 20-40%.

Monday, 2nd May 1938

<u>Weather</u>. Fine, sun and cloud (completely overcast 10-12 A.M.) Light E breeze. Clouds 20-40-100-60%

Bush. Original forest in S of island.

<u>Birds</u>. Usual ones seen. Noted <u>Collocalla spod</u>. between 50 and 60 and these mostly near suitable breeding places, i.e. cliffs in south of island.

Sk. 245 Hypotaenidia 9 1 +
2
Shot 11 A.M. Wt. 175.5 grams. In taru swamp with 2 others.
Moult Back, nape M Abr. W/T N.
All unders 0
All body consid. moult
Stm. 3 molluscs, larva of dragon fly,
4 seeds, vegetable matter
Skl. 1 ossif. but thickish, just commencing ossif.
10

Sk. 246 <u>Collocalia spod. leuc.</u>  $9 \frac{1}{2} - \frac{1}{2}$ Hawking over open grassland swamp. <u>Shot</u> 10 A.M. <u>Wt</u>. 8.95 grams <u>W</u>. 110 <u>T1</u>. 47 <u>Moult</u> W.R 1. 15,16) L 1, 15,16) sec. covs <u>0</u> <u>Abr</u>. W/T N. TL R 1-3f L.1 covs. <u>M</u> All uppers and unders <u>0</u> to <u>C</u> <u>Stm</u>. <u>1</u> insects, principally beetles <u>Skl</u>. <u>1</u> ossif. <u>2</u>

Sk. 247 <u>Pachycephala</u>  $9 \frac{1}{2} + 0.V.S.E.$ Female plumage. Shot 8 A.M. <u>Wt</u>. 42.6 grams <u>W</u>. 98 <u>T1</u>. 73 Moult All uppers 0 Abr. W/T N. All unders 0 <u>Skl.</u> <u>3</u> ossif. 5 Stm. 1 spider, insects Sk. 248 Myagra of  $\frac{1}{4}$  + white (sex verified) Female plumage. Soft parts usual. Shot 6-7 A.M. <u>Wt.</u> 13 grams <u>W</u>. 73 <u>T1</u>. 67 Moult Uppers 0 few nattered Abr. W/T N. Unders 0 " " Stm. 1 insects Sk1. Comp. ossif. 2 Sk. 249 <u>Myagra</u> of <u>1</u> - white d ad. Shot 6-7 A.M. <u>Wt.</u> 14 grams <u>W</u>. 75 <u>T1</u>. 67 Moult W.R. 1, 2f (x) 13, 15) covs. M Abr. W/T N. L. 1,2,13-15, ) sec. 0 Uppers 0 few All unders <u>C</u> X neck, chin <u>Stm. 1</u> insects <u>Sk1.</u> Comp. ossif. 1 Sk. 249A Myagra J white 4 of ad. plumage. Badly shot damaged. Shot 6-7 A.M. <u>Wt</u>. 13.5 grams <u>W</u>. 75 <u>TL</u>. 66.5 Moult Abr. W/T N. Stm. 1 insects Skl. Comp. ossif. 4 Sk. 250 Zosterops lat. nig.  $9\frac{1}{2}$  -Badly shot damaged. <u>Shot 8 A.M. Wt. 18 grams W. 65 T1. 49.5</u> Moult TL covs 0 Abr. W/T N. All unders O <u>Stm. 1</u> seeds, berries <u>Skl</u>. Completely shot away but probably ossif.

Sk. 251 <u>Lichmera</u>  $9 \frac{3}{4} + 0.5.E.$ 

Gape soft yellow.Very fat.Shot 9 A.M.Wt. 14.3 gramsMoultAll uppers and unders CAbr. W/T N.Stm.1 insects, nectarSkl. Comp. ossif.

## Tuesday, 3 May 1938

- Weather. Fine, sunny, hot day, cool night, light NE, N and NW airs, variable clouds 10-15%.
- <u>Birds</u>. Along beaches. Note <u>Sterna bergii</u> only tern but very common feeding on great shoals of fish now moving into shallow margins of lagoon. <u>Colloralici spod</u>. 6 only seen.

2 blue <u>Demigretta</u> seen. Both shot, 1 imm. and adult imm. badly damaged. This <u>Demigretta</u> makes a full tally of previous birds recorded from Uvea I have collected. 8 unrecorded species.

Sk. 252 Demigretta of  $\frac{1}{2}$  - white Blue phase.

Common along beach in vicinity of rocks but rarer on stretches of sand beaches. Common along rocks of E side of island more so than on lagoon W side. <u>Iris</u> yellows ? <u>Bill</u> black, horn yellowish tip. <u>Legs and feet</u> Green by artificial light. <u>Shot</u> 10 A.M. <u>Wt</u>. 872 grams <u>W</u>. 352 <u>Tl</u>. 121 <u>Moult</u> W.R. 7, 8, 9f, 23, 24f) <u>Abr</u>. W/T N. L 7, 8, 9f, 23, 24f) <u>Abr</u>. W/T N. L 7, 8, 9f, 23, 24f) covs. 0 TL. covs <u>M</u> Neck, crown 0 All unders 0 X chin <u>C</u> <u>Stm</u>. <u>1</u> sardines (crop also) <u>Skl</u>. ? thick opaque

# Wednesday, 4th May 1938

Weather. Sun and cloud, fine. Light N and NE airs. Clouds 10% 20%, 12 AM - 3 PM 80%, 4 P.M. 60%, 5 A.M. 40%

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Bush. Tidal lagoon, mangrove, coastal 5 and 10 ft. scrubs.

Birds. 28 Demigretta seen, all blues. 4 Accipiter, 1 shot and lost in low dense coastal wind scrub. 1 Chalcities seen and shot. 2 others heard. A flock of about 60 Anas on margin of tidal lagoon. 6 Limosa (waders) seen, 2 shot. Hirundo very numerous about lagoon and cliffs where they mest. 30 Collocalia spod. seen and one nesting about this tidal lagoon. Other birds of usual common varieties seen. Noted about 1 dozen Frigata minor all of fishing off the open sea coast. Zosterops lat. common in mangrove scrubs. Saw 1 Ducula high on wing, these occasionally appear from Lifu but are not common nor do they breed by native accounts.

Sk. 253 Chalcities 1 - (white?) Gonads shot damaged.

Shot in mangrove shrub in centre of tidal lagoon at low tide. Seem fairly numerous in this area by native accounts but were not as numerous as on Mare Island. <u>Iris</u> reddish yellow? (artificial light) <u>Bill</u> black Legs and feet black Shot 4:15 P.M. <u>Wt</u>. 22.65 grams <u>W</u> 98 <u>T1</u>. 71 <u>Moult</u> W.R. 4) L 4f) covs. 0 <u>Abr</u>. W/T N. Rump, back 0 nape, crown C All unders <u>C</u> belly skin <u>M</u> <u>Stm</u>. 1 caterpillars <u>Skl</u>. 2 ossif. 5

Sk. 253A Limosa of <u>0</u> + black Wader. Migrant non breeder. <u>Iris</u> brown <u>Bill</u> white horn, black horn tip, half <u>Leqs and feet</u> dark slate <u>Shot</u> 4 P.M. <u>Wt</u>. 222.6 grams <u>Stm</u>. <u>1</u> small crabs and sand worms

Sk. 254 Halcyon  $9\frac{1}{2}$  -

At this season juveniles greatly outnumber adults. Shot 9 A.M. <u>Wt</u>. 40.1 grams <u>W</u>. 87 <u>T1</u>. 56 <u>Moult neck, chin 0</u> <u>Abr</u>. W/VS) some body T/S ) abrasion <u>Stm. 3</u> one sun lizard <u>Skl. 9</u> ossif. 10

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Sk. 254B Pachycephala 9 imm. 1 - 0.V.S.E. 9 plumage. Coastal 10 ft. scrubs. Badly shot damaged. Shot 3 P.M. <u>Wt.</u> 38 grams <u>W</u>. 92 <u>T1.</u> 70 Abr. W/T N. Moult Nil Stm. 1 caterpillars, grubs Skl. 1 ossif. 10 1 <u>Myagra</u> 9 <u>1</u> + 0.V.S.E. 2 Too badly damaged about head for skin. 9 plumage. Shot 8 A.M. <u>Wt</u>. 12.75 grams <u>W</u>. 71 <u>T1</u>. 65 In mangroves of tidal lagoon. Moult Abr. W/T N. some body 5 Stm. 1 insects, beetles Skl. Comp. ossif.  $\frac{\text{Hirundo}}{4} \circ \frac{1}{4} \sim \text{black} \quad \text{Very fat.}$ 2 shot, both turned bad before skinning, feathers falling out. Common about lagoon and cliffs. Iris brown Bill black Legs and feet black Shot 4:30 P.M. Wt. 23.1 grams W. 105+ T1. 45+ Moult W.R. 2,3,13) covs. 0 Abr. mixed 1st) L 2,3, 13) sec. 0 TL R. 3,4,6, L 3, 4, 6 covs.0 P. V.M. ) W Hair N. ) Rump, back 0 TL mixed M EN Stm. 1 insects Skl. Comp. ossif. 1 Native name <u>Hirundo</u> WAH-HAT-GOH Thursday, 5th May 1938 Weather. Very hot and close, sun, cloud, thunder shower. Variable winds, gusty, NE at times, cloud 20-30%. Birds. Usual ones seen during afternoon. 1 Chalcities heard calling. 6 Collocalia leucop. spod. seen. Sk. 255 Aplonis of 1 ~ black 2 Shot 5 P.M. <u>Wt</u>. 75 grams <u>W</u>. 111 T1. 61 Moult Abr. W/T Nil Stm. 1 fruit, berries Skl. Comp. ossif.

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calling. A solicestic intervent. I that all a band

More a Marke of L - Marke More a Marke of L - Marke Market Weather. Heavy rain till 1 P.M., then showers off and on, wind NW gusty. Clouds 100%.

Bush. Low scrub and forest and coconut groves.

<u>Birds</u>. Usual common ones seen. Fairly active after rain, more so than usual at such times. 8 <u>Collocalia spod</u>. <u>leuc</u>. seen in very short distances and time (about 1 hour) evidently more numerous this day.

Sk. 256 Zosterops lat. nig. of  $\frac{1}{4}$  + white 
 Shot 2 P.M.
 Wt. 17.35 grams
 W. 64
 T1. 47.5

 Moult
 W.R. 14, 15)
 covs 0
 few
 Abr. W/T
 N.

 L. 14, 15)
 covs 0
 few
 Abr. W/T
 N.
 TL covs C Nape, back <u>0</u> chin <u>0</u>  $\frac{Skl}{3} \cdot \frac{2}{3} \circ ssif.$ Stm. 0 one seed 0 Sk. 257 <u>Gerygone</u> (w) of  $\frac{1}{2}$  - white 
 Shot
 1:50 P.M.
 Wt. 7.8 grams
 W. 54
 T1. 40

 Moult
 Crown
 0
 Abr.
 W/T N.
 Moult Crown 0Abr. W/T N.Stm. 1 minute insects andSkl. Comp. ossif. 2 insect eggs Sk. 258 <u>Gerygone</u> (y)  $\begin{array}{c} 2 \\ \frac{1}{4} \end{array}$ Shot 2:10 P.M. Wt. 7.35 grams W. 51 T1. 39.5 Moult Nape, crown 0 Abr. W/T N. Breast, neck, chin 0 <u>Stm.</u> <u>3</u> insects, pale green <u>Skl.</u> <u>3</u> ossif. <u>4</u> small insect equs 4 small insect eggs Sk. 258 A Halcyon of 1 white 4 Iris brown Bill black and white horn Legs and feet very dark nigger brown, almost black <u>Shot</u> 2:30 P.M. <u>Wt</u>. 41.8 grams <u>W</u>. 89 <u>T1</u>. 56 Moult W.R. 20, 21, 23) L. 20 ) covs 0 Abr. W/T N. TL R, 3-6, L, 3-6, covs M All uppers M All unders M X neck, chin 0 Stm. 1 wood grubs <u>Skl. 9</u> ossif. 2 10

Sk. 258 B Halcyon o'l white 4 Shot 2:35 P.M. <u>Wt.</u> 40.5 grams <u>W</u>. 88 <u>T1</u>. 57 Moult W.R. 1, 2, 13-16) covs M Abr. W/T N. L. 1, 2, 13-16) sec. 0 All uppers C All unders C or M Stm. 1 wood grubs, insects, beetles Skl. 9 1/2 ossif. As above but slightly more so. 10 Saturday 7th May 1938 Weather. Dull, showery, moderate northerly, clouds 100% Birds. Usual common run seen. 1 Collocilia spod. 7 Halcyon shot, moult made it useless to skin, 5 of these as mostly tail was incorrect. 8 or 9 Frigata ariel seen. Sk. 259 <u>Halcyon</u> 9 1 + 2 Shot 6-7 A.M. <u>Wt.</u> 42.2 grams <u>W</u>. 90 <u>T1</u>. 58 Moult TL R. 1. covs M All uppers M Abr. W/T V.S. All unders M Stm. 1 caterpillar, insects <u>Skl.</u> 2 ossif. 3 2 Sk. 259B Halcyon of 1 white 4 L.T.V. Shot 6-7 A.M. Wt. 38.85 grams W. 86 T1. 56 Moult W.R. 1,2,14,15) covs 0 Abr. W/T N. L. 1,2,14,15) TL R. 3-6.6,3-6 covs 0 Rump M Nape C All unders 0 to C Stm. 1 insects <u>Skl. 9</u> ossif. 10 4

# Sunday, 8th May 1938

Weather. Fine, sunny, light E wind, clouds 20-30%. Heavy rains at night

Birds. 4 Frigata seen. 2 of and 2 9 (ariel)

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## Monday, 9th May 1938

Weather. Gusty SE and E wind, showers off and on, fining towards midday. Clouds 80-100%. Bush. Low scrub, open swamp lands, coconuts, etc. Birds. Usual run of common ones seen. 1 Hypotaenidia. 50 or 60 Collocalia spod. leuc. Sk. 260 <u>Collocalia spod</u>. <u>leuc</u>.  $9\frac{1}{4} = \frac{1}{4}$ Shot 6:30 A.M. <u>Wt.</u> 8.35 grams <u>W</u>. 114 <u>T1</u>. 47.5 Moult TL R1 covs M Abr. W/T N. Rump, back M nape, crown 0 belly, breast C neck, chin O Decreasing tail to head <u>Stm</u>. <u>1</u> minute insects <u>Sk1.</u> <u>1</u> ossif. 3 Sk. 261 <u>Collocalia spod</u>. <u>leuc</u>. of <u>1</u> + white Shot 6:30 A.M. <u>Wt</u>. 9.25 grams <u>W</u>. 116 <u>T1</u>. 49 Moult W.R. (x) 1 Abr. W/T N. L. 1 TL R, 1,2,L,1,2 covs M All uppers M All unders M X nape, chin C Stm. 1 insects  $\frac{Skl}{3}$  ossif. Sk. 261A <u>Lalage</u>  $\frac{1}{4} - black Imm.$ L.T.V. <u>Iris</u> dark brown <u>Bill</u> black horn <u>Legs and feet</u> Black <u>Shot</u> 7:30 A.M. <u>Wt</u>. 22.8 grams <u>W</u>. 84 <u>T1</u>. 80 <u>Moult</u> TL covs <u>M</u> <u>Abr</u>. W/S Rump, back <u>M</u> nape <u>O</u> crown <u>C</u> T/V.M. All unders M  $\frac{\text{Stm. 1 seeds, insect eggs}}{4 (? \text{ spider eggs})} \qquad \frac{\text{Sk1. (x)? 1 ossif.}}{5}$ 

# Tuesday, 10th May 1938

Weather. Dull, cloudy, overcast, strong E wind. Clouds 80-100%. Bush. Open types scrub, grassland, swamps, etc.

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Birds. Usual birds seen but very few of any species except Lichmera which appeared to be the only active species today, all others very silent and subdued. 50-100 Collocalia spod. seen. 2 Accipiter seen far away on wing over swamp lands. Sk. 262 Halcyon 9 1 + 0.V.S.E. As with all this species, generally it has flying tick parasites and a white worm parasite between skin and flesh, generally about head and neck but found elsewhere also. Enters at eye lid I believe. Specimens in alcohol. Shot 8:30 A.M. Wt. 39.75 grams W. 87 T1. 57 Moult W. sec. covs 0 few Abr. W/T N. TL. R. 2, L2, covs M Rump M back C nape O crown C Vent belly flank M neck O chin C Stm. 1 blow flies, 1 wasp, beetles Skl. Comp. ossif. 1 Sk. 263 Collocalia spod. leuc. of 1 White Shot 2:30 P.M. <u>Wt.</u> 9.4 grams <u>W</u>. 113 <u>T1.</u> 47 Moult W.R. 1, L1 Abr. W/T N. TL. R. 2,3, L, 2, 3 covs M All uppers M (decreasing towards crown) All unders M ( '' '' ') Stm. 1 insects Skl. 1 ossified 1 Sk. 264 Collocalia spod. leuc. of I - white Shot 3:30 P.M. Wt. 9.15 grams W. 110 T1. 49 Moult TL. Rl. Ll. covs 0 Abr. W/T N. All uppers C X crown O All unders 0 Stm. 1 insects <u>Skl.</u> <u>1</u> ossif. as above <u>3</u> Sk. 265 Halcyon 210.V.S.E. Has both types parasites. Shot 2:30 P.M. <u>Wt</u>. 40.6 grams <u>W</u>. 85.5 T1. 56 Moult nape, crown 0 Abr. W/T N. All unders O X neck, chin C Stm. 1 residue Skl. 2 ossif. 4 very small fish bones, 10 probably tide wrack dead fish.

Collocalia spod. leuc. 9 3 - Too damaged for skins. (1) Shot 6:30 A.M. Wt. 8.13 grams W. 114 T1. 49 Moult TL. R.L. Ll. covs 0 Abr. W/T N. Rump C crown 0 All unders C  $\frac{\text{Sk1. } 1}{4} \text{ ossif.}$ Stm. 1 insects 2 W. 114 T1. 48.5 (2) Shot 3 P.M. Wt. 8.3 grams o' 1 + white 2 Moult TL R1, L1, covs M Rump M back C nape O crown O All unders M Stm. 1 insects  $\frac{Sk1}{4} \cdot \frac{1}{4} \text{ ossif.}$ (3) Shot 3 P.M. Wt. 7.65 grams W. 114 T1. 49.5 V.S. shot damaged at gonads. Moult TL. R, 1,2, L1, 2, covs M. Abr. W/T N. All uppers M to O tail to head All unders M to 0 11 11 Stm. 1 insects <u>Skl. 1</u> ossif. 3

Wednesday, 11th May 1938

Weather. Fine, sun and clouds. Fresh E wind, clouds 40-60%. Bush. Tidal lagoon, salt swamps, swamp, low bush, coconuts, etc. Birds. Usual common run seen. About 100 Collocalia spod leuc. 1 Accipiter seen near lagoon. Sk. 266 <u>Hirunda</u>  $9\frac{1}{4}$  + Shot in and about tidal lagoon and coral cliffs and caves at Lecking in south of island. Very common here. Shot 9-10 A.M. <u>Wt</u>. 21.2 grams <u>W</u>. 114 <u>T1</u>. 50 Moult W.R. 2,3,14) covs 0 Abr. W Is P. M L. 2,3,14) sec. 0 others N TL R. 4,6, L, 4, 6 TL 5th P M Stm. 1 beetles, insects lstRS 1 <u>Sk1</u>. <u>2</u> ossif. 3 Others N

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Sk. 267 <u>Hirunda</u> of <u>1</u> - white Shot 9-10 A.M. Wt. 21.7 grams W. 105+ T1. 45 Moult W.R. 2,3, 13,14) covs 0 Abr. W. 1st P M L, 2,3, 13 ) sec. <u>0</u> Others N TL R, 3,6, L, 3,4,6 TL 5th P M Crown 0 Others S to N Stm. 1 small grasshopper and insects <u>Skl. 4</u> ossif. 5 <u>Hirunda</u> of 1 - (L.T. black R.T. white and slightly smaller)Sk. 268 Shot 9-10 A.M. <u>Wt</u>. 21.1 grams <u>W</u>. 105 <u>T1</u>. 43.5 Abr. W/T N. Moult W.R. 1,2,15 )sec 0 L 1,2, 14, 15) covs 0 TL. R 4,5, L, 3-6 Stm. 3 beetles, insects Skl. 9 ossif. 4 10

Thursday, 12th May 1938

- Weather. Fine, sunny, fresh ESE breeze, clouds 40-60%. Showers at night.
- <u>Birds</u>. Usual run seen. In pursuit of <u>Columba</u> and flying foxes, none seen. Heard one <u>Trichoglossus</u> calling in flight overhead.

Friday, 13th May 1938

- Weather. Fine, sunny till 3 P.M., then showers and sun. Fresh ESE breeze. Clouds 40-60-80%.
- Bush. Tall original forest, much secondary trees and shrubs.
- Birds. Saw and shot 1 <u>Rhipidura</u> but having to shoot at long range with big cartridges lost the specimen in underbrush. It appeared at a distance somewhat paler under than Mare specimens but this is uncertain. It is rare on Uvea Is. and only inhabits the deepest forests. Saw 3 <u>Nymphicus</u> and examined a nesting hollow of this species. This hollow was about 15 or 20 ft. up in the main trunk of a teak tree of about 2 ft. diam. at 4 ft. above the ground and 18' diam. at nest site. Nest entrance was about 8" x 4" in a leaning part of the tree thus. Main limbs began a few feet above nest entrance and only sucker knobs appeared below nest entrance. Nest site was about 18"

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down, 15' or 20' below entrance almost directly under the entrance and chamber was about 1/2 of the diameter of the tree. Only rotten wood is used as far as I can see to lay the eggs on. I saw pieces of shell, white in color and giving an impression of a round egg. These pieces of shell were right at the outside of the nest cavity. Beak marks were visible inside and about the interior. A bird was in the vicinity and would not leave the place but was too wary to be shot or even properly seen but gave the impression of being a juvenile. It finally departed when I shot at Rhipidura but called from 30 or 40 yds. and when pursued, returned in a circle about the nesting tree locality. These birds are shy and once they know of observers' presence keep out of sight and are difficult to see. Being generally a silent bird only occasionally calling gives the impression of their being much rarer than they really are.

Heard one <u>Chalcities</u> calling and many <u>Cacomantis</u>. Noted that well in the centre of absolute forest there were absolutely no <u>Lichmera</u> but many <u>Myzomela</u>. <u>Zost</u>. <u>lat</u>. was also fairly coomon as were <u>Myagra</u> and <u>Pachycephala</u> and a fair number of <u>Gerygone</u> (<u>Gerygone</u> very evenly distributed). Saw <u>Sterna bergii</u> feeding young on a submerged tree 50 yds. from beach on way home. Both shot but adult flew 300 yds out to sea before falling.

Sk. 269 Cacomantis $\frac{1}{2}$ - white (L.T. $\frac{1}{2}$ R.T. $\frac{1}{4}$ )
Native name DID-JI-LAN
Soft parts usual. <u>Iris</u> perhaps paler, more brown than usual.
Shot 6 A.M. <u>Wt</u> . 50.4 grams <u>W</u> 140 <u>T1</u> . 147 <u>Moult</u> TL covs <u>0</u> Nape <u>C</u>
All unders O
<u>Stm.</u> <u>3</u> caterpillars, large grub <u>Skl</u> . <u>4</u> ossif. <u>4</u> 5
Sk. 269A Sterna bergii $\begin{array}{c} 2 \\ 4 \end{array}$ Native name MAHT. Low tide, full moon.
Juv. being fed by parent. Iris brown Bill pale green
tinge yellow Legs and feet black
Shot 12 Noon <u>Wt</u> . 272 grams Very fat. <u>Stm</u> . <u>0</u> empty.

Sk. 270 Aplonis of 1 - white Repose Shot 8 A.M. <u>Wt</u>. 73.35 grams <u>W</u>. 110 <u>T1</u>. 61 Abr. W/T N. Moult Stm. 1 vine berries <u>Skl</u>. Comp. ossif. 1 Lalage of 1 + (dark grey, blackish) Too badly damaged for skin. Shot | P.M. <u>Wt.</u> 24.1 grams <u>W</u>. 88 <u>T1.</u> 81 Moult TL, L. 3f, covs M Abr. W/T N. All uppers  $\underline{M}$  (decreasing tail to head) All unders C <u>Stm. 3 berries, insects</u> <u>Skl.</u> Comp. ossif. 4 Sk. 271 <u>Pachycephala</u>  $\begin{array}{c} 2 \\ 4 \end{array}$  + 0.C.E. Shot 6-9 A.M. <u>Wt</u>. 41.95 grams <u>W</u>. 98 <u>T1</u>. 73 Abr. W/T N. Moult W. R. 15 TL R. 6 Lower breast M Stm. 1 large green caterpillar, 1 small grub, 1 1 spider, milluscs, beetles <u>Skl. 1</u> ossif. 2 Sk. 272 Pachy. 9 1 9 plumage. 2 Shot 6-9 A.M. <u>Wt</u>. 41.75 grams <u>W</u>. 95 <u>T1</u>. 71 <u>Stm. 3</u> grubs, beetles, insects  $\frac{Abr}{4}$ . W/T N. <u>Abr</u> W/T N. <u>Skl 1</u> ossif. Sk. 273 Pachy. 3 0.V.S.E. Flacid, wrinkled, discolored ovcytes in ovary. 9 plumage. <u>Shot</u> 6-9 A.M. <u>Wt</u>. 40.4 grams <u>W</u>. 98 <u>T1</u>. 72 Moult TL covs M Abr. W/T N. Rump, back M nape, crown 0 All unders 0 <u>Stm. 1</u> 1 cricket (forest) <u>Sk1</u>. Comp. ossif. Saturday, 14th May 1938 Weather. Sun, cloud and showers, gusty E and NE wind. Clouds 60-80-100%.

Bush. Taru swamps and swamps.

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Birds. One Porphyrio heard in area reported but not seen. 2 Accipiter seen on wing. Usual run of birds seen. Collocalia spod. leuc. rare, only 4 seen. N.B. Halcyon specimens marked 9/10 ossif. previously are undoubted adults as the small spots without marks are thicker than the rest of skull, are ridges in feet. Sk. 274 Halcyon of 1 - white (repose) Specimen fat, has no parasites of either kind common to this species. Shot 6:30 A.M. <u>Wt</u>. 45.5 grams <u>W</u>. 87 T1. 54 Moult W.R. If Abr. W/T N. L. 1f Rump, back O Nape M Crown O All unders C 1 host of small white caterpillars Skl. Comp. ossif. Stm. 2 thick ridges very small without marks but and are thick ridges.  $\frac{\text{Halcyon}}{4} \stackrel{\text{d}}{=} \frac{1}{4} \text{ (LT black RT white)}$ Sk. 275 Shot 6 A.M. Wt. 38.5 grams W 89.5 T1. 58.5 Moult TL covs C Abr. W/N Rump, back M T/S Nape, crown C All unders M Stm. 3 grasshopper <u>Skl. 9</u> ossif. 10 4

Sunday, 15th May 1938

Weather. Dull, cloudy, showers till 11 P.M., fine then onward. Wind gusty, E to NE, clouds 80-100-60-40%.

Eclipse of moon at night.

Monday, 16th May 1938

- <u>Weather</u>. Heavy continous rain till 11 P.M. Strong N and NW winds, clouds 100%, then clearing sun and clouds, clouds 60%. Strong NW to NNW winds.
- Bush. Coconut groves and garden land near house.
- Birds. 1 Anas seen and shot. <u>Nymphicus</u> heard. Birds feeding much. Collocalia feeding much in rough weather.

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Sk. 276 <u>Lalage</u> of <u>1</u> - black Shot 12 Noon <u>Wt</u> 22.55 grams <u>W</u>. 85 <u>T1</u>. 76 Moult W.R. (x) 13, 14 Abr. W/T N. L. 13, 14 (x) TL. 4. 1, L, 1, 3, 5, covs M All uppers M All unders M <u>Stm. 1</u> caterpillar, fig seeds <u>Skl</u>. Comp. ossif. 4 Sk. 277 Lalage of 3 - opaque greyish white (LT 3 RT 1 +) 4 4 Shot 12 Noon <u>Wt</u>. 23.65 grams <u>W</u>. 87 <u>T1</u>. 78 Moult TL. L6 covs M Abr. W/T N. Rump, back, nape M crown C All unders <u>M</u> (decreasing tail to head) <u>Stm. 1</u> caterpillar, insects <u>Skl</u>. Comp. ossif. 4 Sk. 278 Halcyon 9 1 2 Shot 12:15 P.M. <u>Wt</u>. 40.45 grams <u>W</u>. 87 <u>T1</u>. 56 Moult W.R. 1,2,14,15) covs C Abr. W/T N. L. 1,2,14,15) sec. 0 Nape 0 Unders 0 few nattered <u>Stm. 1</u> insects Skl. Comp. ossif. 4 Tuesday, 17th May 1938 Weather. Dull, cloudy, strong W wind, clouds 100-90-100%. Usual run seen, but all species very inactive and subdued. Bush. Possibly previous boisterous night has tired birds on perches. Tho' in good Nymphicus territory and where they are commonly seen none were seen or heard. Numbers of Frigata ariel seen. Sk. 279 Lalage of  $\underline{1}$  + black (LT 3 RT  $\underline{1}$ -) 2  $\underline{4}$  2 4 Shot 9:30 A.M. <u>Wt</u>. 23.85 grams <u>W</u>. 85 <u>T1</u>. 75.5 Moult W.R. (x) 12,14,15) Abr. W/N T L. 12-15 TL COVS M Rump O back, nape M crown C All unders <u>C</u> decreasing tail to head <u>Stm. 1</u> green caterpillars and insects <u>Skl</u>. Comp. ossif.

Sk. 277 Lelest of 1 - openque gravien unit d'anne d

5k. 278 <u>Maleyon</u> 9 <u>1</u> 2 <u>2</u> <u>5hot</u> 12:15 P.M. <u>Wt</u>. 40.45 grams <u>W</u>. 87 <u>11</u>. 58 <u>8001</u> V.R. 1.2.14.15) sova <u>C</u> L. 1.2.14.15) sova <u>C</u> <u>10</u> <u>Mir</u>. W/T H. <u>11</u> Maps <u>Q</u> <u>12</u> Maps <u>Q</u> <u>12</u> Maps <u>Q</u> <u>13</u> Maps <u>Q</u> <u>14</u> Maps <u>Q</u> <u>14</u> Maps <u>Q</u> <u>14</u> Maps <u>Q</u> <u>14</u> Maps <u>Q</u> <u>15</u> Maps <u>Q</u> <u>16</u> Maps <u>1</u>

fueday, 17th my 1006

Meather. Dull, cloudy, strong W whele, clouds 100-90-100%.

Dush. Usual run seen, but all species very inactive and subdued. Possibly pravious boisterous night has tired birds on perches. Tha' in good hymphicus territory and where they are commonly seen none ware seen or heard. Humbers of Frigate arial seen.

Sk. 279 Lalace of I - black (LT 3 AT I-) 2 Shot 9:30 A.M. Vt. 23.85 grams M. 85 IL. 25.5 moult V.R. (a) 12.19.15 L. 12-15 Auro Q back, nape M crown C Alturndars C decreasing tail to hand Sta. J green cateralliars and insects

Sk. 280 Lalage 9 1+ 0.S.E. Shot 9:30 A.M. <u>Wt</u>. 23.3 grams <u>W</u> 84.5 <u>T1</u>. 75 MoultW.R. 1, (x)) covs  $\underline{0}$ Abr.W/NL. 1,15) sec.  $\underline{0}$ T/mixed avers S.TL (x) R, 4-6, L 4-6 covs  $\underline{0}$ Consid. body colourAll upper  $\underline{0}$  x nape  $\underline{M}$ abrasion and on tailAll unders 0also. abrasion and on tail All unders O also. Stm. 3 caterpillar, insects Skl. 9 ossif. 4 10 Sk. 281 <u>Myagra</u> 9<u>1</u> - repose 9 plumage. Shot 9 A.M. <u>Wt</u>. 13.7 grams <u>W</u>. 72 <u>T1</u>. 68 Moult W.R. 1,2,13-15 ) covs 0 Abr. W/T N. L. (x) 1,2,13-15) sec. 0 TL. (x) R. 6 covs M Rump, back M nape, crown O Belly M breast C flank O Stm. <u>3</u> beetles 4 Skl. Comp. ossif. Sk. 281B Pachycephala of 1 - white Badly shot damaged. ♀ plumage. <u>Shot</u> 7 A.M. <u>Wt</u>. 40.1 grams <u>W</u>. 101 <u>T1</u>. 73 LTV Abr. W/T N. Moult W.R. (x) TL. L6f <u>Stm. 1</u> molluscs, beetles, insects <u>Skl. 3</u> ossif.  $\frac{1}{4}$ Hypotaenidia is still breeding. A young one taken this day or what is believed to be a young Hypot. Wednesday, 18th May 1938 Weather. Fine, sunny, odd showers, fresh SW breeze, clouds 20-40%. Bush. Low 25 ft. forest and native gardens. Birds. Usual run seen, 1 Chalcities seen and shot. Sk. 282 <u>Chalcities</u> of <u>3</u> yellowish white 4 Soft parts usual. Shot 8 A.M. Wt. 21.725 grams W. 98 T1. 69 Moult W.R. 4 Abr. W/T N. Rump O back, nape, crown M All unders M Stm. 1 caterpillars Skl.  $\frac{1}{4}$  ossif. 1

Sk. 283 Pachycephala 9 1 O.M.E. Breeding patch, diam. large oocyte. 3.25 mm, 2.3 mm., several smaller. An old bird. 2 plumage. Shot 9:30 A.M. Wt. 49.5 grams W. 99 T1. 72.5 Abr. W/T N. Moult Nil Stm. 1 caterpillar, spider, beetles Skl. Comp. ossif. and very thick. Sk. 284 <u>Halcyon</u> of <u>1</u> - white Shot 10 A.M. <u>Wt</u>. 43.1 grams <u>W</u>. 88 <u>T1</u>. 58 Moult W.R. (x) 2,3, 13-16) covs M Abr. W/T N. L. 2,3,13,15 ) sec. 0 TL covs M All uppers 0 All unders 0 few <u>Skl. 1</u> ossif. Stm. 1 grasshoppers 2 Sk. 284A Aplonis of  $\frac{1}{4}$  + black Imm. <u>Shot</u> 7:15 A.M. <u>Wt</u>. 73.3 grams <u>W</u>. 110 <u>T1</u>. 60 Moult TL (x) Abr. W/S) Some colour T/S) abrasion on body <u>Stm. 1</u> large seeded fruit berries <u>Skl. 1</u> ossif. 10

Thursday, 19th May 1938

Weather. Fine, clear, sunny, light SW wind, clouds 5-20%.

On mail. No bird work.

Friday, 20th May 1938

Weather. Fine sun and cloud, gusty SE wind, clouds 60-80%.

Mail. No bird work. 1 mammal skin and 1 in alcohol.

Saturday, 21st May 1938

Weather. Sunny till 10 A.M., gusty SE breeze, clouds 5-10%. Then heavy showers off and on, clouds 60-80%.

On mail.

Log closed for posting.

W. 203 Pachyeeshels 9 + 0.M.9. . Greather catch, dism. lorus . Dies abut a mine we mine winne and a sented

## Sunday, 22nd May 1938

Weather. Sun and cloud and showers, strong gusty SE wind. Clouds 60-80%.

# Monday, 23rd May 1938

<u>Weather</u>. Sun, cloud and showers, strong gusty SE wind. Clouds 60-80-100%.

Phoque passed north.

Tuesday, 24th May 1938

Weather. Same as previous day.

M.V. Phoque here and away same day.

Wednesday, 25th May 1938

Weather. Same as previous day, wind stronger.

Bush. Tall and short forest.

Birds. Usual seen. I Accipiter seen hunting in forest. 3 Nymphicus seen, 1 shot but tail shot clean away.

Sk. 285Gerygone<br/>(w)21 - (repose)<br/>(w)2Shot6:30 A.M.Wt. 6.45 gramsW. 52T1. 38MoultTL covs MAbr.W/Nrump 0neck 0T/FStm.1minute insectsSkl.22Skl.Comp. ossif.

Sk. 285A <u>Myzomela</u>  $\begin{array}{c} 2 \\ 1 \\ 2 \end{array}$ <u>Shot</u> 6:15 A.M. <u>Wt</u>. 7.65 grams <u>W</u>. 56 <u>T1</u>. 38 <u>Moult</u> W.L (x) <u>Abr</u>. W/T N. TL covs <u>0</u> All uppers <u>0</u> All unders <u>0</u> <u>Stm</u>. <u>1</u> insects nectar <u>Sk1</u>. <u>1</u> ossif. <u>5</u> Maathar. Sum and cloud and shacers, strong quaty 56 wind.

## Honday, 23rd Ney 1930

Meather. Sun, cloud and showers, strong gusty 35 wind. Clouds 60-80-100%.

Phoque passed north,

Tuesday, 24th Bay 1930

Manthar. Same as previous day.

.v.b. shoque hare and auny same day.

Wednesday, 25th nay 1938

Meather. Some as previous day, wind stronger

Jush. Tail and short forest.

seen, I shot but tail shot clean next. 3 Bynohicus

5k. 285 <u>Gervaone</u> 9 <u>1</u> - (repose) (w) <u>2</u> <u>Shot</u> 6:30 A.H. <u>Mt</u>. 6.45 grame <u>V</u>. 52 <u>T1</u>. M <u>Hoult</u> TL cove <u>H</u> rume <u>Q</u> neck <u>Q</u> <u>5tm</u>. <u>1</u> minute insects <u>5k1</u>. Comp. casif.

Shot 6:15 A.H. Mt. 7.65 gramm M. 56 TL. 30 Shot 6:15 A.H. Mt. 7.65 gramm M. 56 TL. 30 Noult W.L (x) All uppers 0 All uppers 0

Sol. ] Insects nactar Bal. ] ossie.

Sk. 285B <u>Myzomela</u>  $9\frac{1}{2}$  - 0.S.E. 

 Shot 8 A.M.
 Wt. 7.6 grams
 W. 55
 T1. 39

 Moult
 W.R. 15
 Abr. W/T N.

 TL (x)
 Stm. 1 insects
 Skl. 3 ossif.

 <u>Skl. 3</u> ossif. 5  $\frac{\text{Stm. }1}{4} \text{ insects}$ Sk. 286 Myagra of  $\frac{1}{2}$  - LT white RT black 
 Shot 8 A.M.
 Wt. 12.05 grams
 W. 76
 T1. 68

 Moult
 TL (x)
 Abr. W/T N.

 Stm. 1 insects (egg?)
 Sk1. Comp. ossif.
 4 Sk. 287 <u>Pachycephala</u> of <u>1</u> white 12 x 7 mm. 1 Shot 7:30 <u>Wt</u>. 43.7 grams <u>W</u>. 100 <u>T1</u>. 74 Moult Nil Abr. W/T N. <u>Stm. 1</u> caterpillar <u>Skl</u>. Comp. ossif. 4 Sk. 288 Pachy. of 3 +white 9 plumage  $\frac{1}{4}$ <u>Shot</u> 2-2:30 P.M. <u>Wt</u>. 42.45 grams <u>W</u>. 98 <u>T1</u>. 72 Moult Nil <u>Abr</u>. W/Vs <u>Stm. 1</u> insects <u>Skl</u>. .99 ossif. T/N Abr. W/VS Sk. 289 <u>Pachy</u>. 9 <u>3</u> 0.S.E. 9 plumage. <u>4</u> Shot 2-3:30 P.M. <u>Wt</u>. 39.6 grams <u>W</u>. 97 <u>T1</u>. 71 <u>Stm. 1</u> milluscs, beetles <u>Abr. W/T N.</u> 2 <u>Abr. W/T N.</u> <u>Skl. 9</u> ossif. Moult Nil 10 Sk. 290 <u>Pachy</u>. 9 <u>3</u> + 0.S.E. 9 plumage. 4 
 Shot
 2:3:30 P.M.
 Wt.
 43.55 grams
 W.
 98
 T1.
 74

 Stm.
 1
 grubs, beetles
 Skl.
 9
 ossif.

 2
 10
 Thursday, 26th May 1938 Weather. Sun and cloud, strong SE to E wind. Clouds 20-40-60-80-100%. variable.

Bush. Tall original forest and short forest.

and the set 

Birds. Usual run seen. 2 Nymphicus heard. Noted Pachycephala breeding, nest collected, 2 young of about 5-7 days old (thick blue plumes not yet opened) Chalcities heard and shot but lost. Several Myagra shot and lost. No sign of Rhipidura N.B. Some dates on tags for this day may be wrongly recorded as I finished 6/26. Sk. 291 Pachy. 9 1 O.C.E. flacid. Parent of 2 young 5-7 day 1 old. Nest taken, see nest this date. Shot 10:30 A.M. <u>Wt</u>. 39.9 grams <u>W</u>. 101 T1. 75 Moult Nil Abr. W/T N. Stm. 1 beetles Skl. Comp. ossif. 2 Sk. 292 <u>Gerygone</u>  $\begin{array}{c} \mathbb{Q} & \underline{1} \\ W \end{array}$  - repose Shot 6-7 A.M. <u>Wt</u>. 6.15 grams <u>W</u>. 52 <u>T1</u>. 39 MoultUnder 0 fewAbr. W/T SStm1 scale insectsSkl. Comp. ossif. 2 Sk. 292A Gerygone o'l white 2 <u>Shot</u> 7-8 A.M. <u>Wt</u>. 6.6 grams <u>W</u>. 54 <u>T1</u>. 43 Moult TL RI covs 0 Abr. W/T N. Uppers 0 few Unders O few <u>Stm. 1</u> insect eggs <u>Skl.</u> Comp. ossif. 4 Sk. 292B Zosterops of 1 white 4 <u>Shot</u> 11:15 A.M. <u>Wt</u>. 17.9 <u>W</u>. 63 <u>T1</u>. 50 Moult W.R. 5, 10f, 11, 18) covs 0 Abr. W/T N. L. (x) 4,10 ) sec. 0 TL, R1, L,1,2, covs M Rump, back O Nape C Crown M All unders M Stm. 1 seeds <u>Sk1</u> 2 ossif. 1 Sk. 293 Zosterops  $\begin{array}{c} 2 \\ 4 \end{array}$  + 0.S.E. <u>Shot</u> 8:30 <u>Wt</u>. 15.4 grams <u>W</u>. 63 <u>T1</u>. 52 Moult Uppers 0) Unders 0)<sup>nattered</sup> Abr. W/T N. Stm. 0 empty Skl. Comp. ossif. 0

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 $\frac{\text{Zosterops}}{4} \circ \frac{1}{4} + \text{ white imm. Very fat. Too badly damaged}$ for skin. for skin. Shot 11 A.M. <u>Wt. 16.3 grams</u> <u>W. 62</u> <u>T1. 48</u> Moult W.R. (x) 6, 10f, 17) L. (x) 6,10f, 17) covs <u>0</u> Abr. W/N T/S TL L. 1 covs 0 Back 0  $\frac{\text{Stm. } 1 \text{ seeds, berries}}{1} \qquad \frac{\text{Skl. } 1 \text{ ossif.}}{3}$ Sk. 294 <u>Lalage</u>  $\sigma' \frac{1}{2}$  - black (LT  $\frac{1}{2}$  + RT  $\frac{1}{4}$  +) 
 Shot
 3 P.M.
 Wt. 23.8 grams
 W. 85
 T1. 77

 Moult
 All uppers
 C
 Abr. W/N
 Moult All uppers C All unders O T/F Stm. 1 greenstick, insect, spider Skl. Comp. ossif. 1 Sk. 294A Lalage 9 3 0.C.E. 4 <u>Shot</u> 3 P.M. <u>Wt</u>. 25.2 grams <u>W</u>. 84 <u>T1</u>. 76 Abr. W/T N. Moult W.R. (x) TL (x) covs <u>0</u> Rump, back <u>M</u> nape, crown <u>O</u> All unders 0 Stm. 1 caterpillars Skl. Comp. ossif. 1 Sk. 295 <u>Zosterops</u> of <u>1</u> white 4 <u>W</u>. 64 <u>T1</u>. 51 Abr. W/T N. Shot 3 P.M. Wt. 17.1 grams T1. 51 Moult W. L. I. TL (x) 1 Unders 0 <u>Stm.</u> <u>1</u> vine berries <u>Skl. 1</u> ossif. 2 (called blue ink berries) 5 Sk. 296 <u>Zosterops</u> of <u>1</u> - white 2 <u>Wt</u>. 16.1 grams <u>W</u>. 62 Shot 3 P.M. T1. 50 Moult W.R. Abr. W/T N. L TL covs M All uppers 0 few Neck, chin O Stm. 1 chili peppers Skl. Comp. ossif. 2

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## Friday 27th May 1938

Weather. Fine, sunny and cloud off and on. Gusty E wind Clouds 10-60% (at 5 P.M. heavy clouds to N) Bush. Tall original forest. Birds. Usual run seen. 4 Nymphicus seen, 3 shot and badly damaged tail N.B. Some tags dated this day may be actually Sk. 297 <u>Nymphicus</u> 9 <u>3</u> 4 Shot 2 P.M. Wt. 121.2 grams <u>W</u>. 157 <u>T1.</u> 154 Moult Neck 0 Abr. W/T N.  $\frac{\text{Stm. 1}}{1} \text{ chewed seeds, crop 1} \text{ seeds } \frac{\text{Sk1. Comp. ossif.}}{4}$ Sk. 297A Nymphicus (sub ad.) U.S. 9 as trace oviduct, badly shot damaged. <u>Shot</u> 5 P.M. <u>Wt</u>. 138.3 grams <u>W</u>. 161 <u>T1</u>. 153 Moult TL covs 0 Abr. W/S some color All uppers 0 T/F body & W & T All unders 0 Nape, crown <u>C</u> cheek <u>O</u> <u>Skl</u>. Comp. ossif. but thick Chin C Stm. 1 chewed seeds, crop 1 soft seed, possibly shell 1 2 removed before swallowing. Sk. 297B <u>Nymphicus</u> 1 - repose (LT 3 - RT 1) greyish white N.T.V. 2 4 4 Xtra Badly shot damaged. <u>Shot</u> 6 A.M. <u>Wt</u>. 125 grams <u>W</u>. 170 <u>T1</u> 167 poss + Moult TL (x) Abr. W/T N. Cheeks, nape, crown 0 Neck, chin 0 <u>Stm.</u> <u>1</u> chewed seeds, crop <u>0</u> empty <u>Skl</u>. Comp. ossif. Taken rather than throw away. Sk. 298 Myagra of 1 - (LT black RT white) imm. 9 plumage 4 <u>Shot</u> 1 P.M. <u>Wt</u>. 11.95 grams <u>W</u>. 71 <u>T1</u>. 64 Moult Nil Abr. W/T N Stm. 1 insects Skl. 1 ossif. 2 3

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Sk. 299 Lalage 9 1 Shot 3 P.M. <u>Wt.</u> 23.2 grams <u>W.</u> 85 <u>T1.</u> 74 Abr. W/N Moult TL Ll covs M T/S Rump <u>M</u> all uppers <u>O</u> All unders C Skl. Comp. ossif. Stm. 3 insects 4 Sk. 299A Lalage 9 1 - repose <u>W.</u> 84 <u>T1</u>. 73 Shot 3 P.M. Wt. 21.7 grams Moult TL R, 4,5, L, 4,5, Abr. W/N T/S Back, nape, crown 0 breast 0 neck, chin C <u>Stm. 1</u> insects (grasshopper) <u>Skl</u>. Comp. ossif. 1 Saturday, 28th May 1938 Weather. Fine, sunny, light SE to E breeze, clouds 10-20%. Bush. Short forest, coconuts, garden lands. Birds. Usual run seen. 2 Chalcities seen and shot. Collocalia spod. leuc. still rare. Noted all species very active and calling much. Sk. 300 <u>Chalcities</u> of  $\frac{1}{2}$  + white Iris muddy yellowish <u>Shot</u> 2-3 P.M. <u>Wt</u>. 21.7 grams <u>W</u> 99 <u>T1</u>. 70.5 Moult TL R, 2,3, covs 0 Abr. W/T N. All uppers C All unders C or O Stm. 1 beetles, brown matter? <u>Skl. 1</u> ossif. Sk. 301 ♀ plumage. Myagra 9 1 Shot 2-3 P.M. <u>Wt.</u> 13.3 grams <u>W</u>. 75.5 <u>T1</u>. 64 Moult W.R. 14 Abr. W/T N. L. 14,15f Nape C crown 0 Neck, chin 0 Stm. 3 beetles Skl. Comp. ossif. 4

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Sk. 239 Lalage 9 1
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                     3 choose 1
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Sk. 302MyagraQ damagedQ plumage.Shot2-3P.M.Wt. 12.45W. 72T1. 61MoultNilAbr. W/T N.Stm. 1insectsSkl. Comp. ossif. Stm. 1 insects Skl. Comp. ossif. 2 Sk. 303 Myagra 9 1 + 9 plumage 2 Shot 2-3 P.M. <u>Wt</u>. 11.50 grams <u>W</u>. 74 <u>T1</u>. 67 MoultNilAbr. W/T N.Stm. 1beetles, insectsSkl. Comp. ossif. (x) 1 Sk. 304 <u>Chalcities</u> of <u>3</u> - white 4 Shot 2-3 P.M. <u>Wt</u>. 19.3 grams <u>W</u>. 96 <u>T1</u>. 70 Abr. W/T N. Moult TL covs M rump, back <u>O</u> nape <u>C</u> Unders O <u>Stm</u>. <u>1</u> caterpillars <u>Skl</u>. <u>1</u> ossif. Sk. 305 Lalage of 1 black 2 Shot 2-3 P.M. <u>Wt</u>. 24.65 grams <u>W</u>. 83 <u>T1</u>. 75 Moult W. covs 0 Abr. W/T N. TL R5, L1, covs M Back <u>O</u> nape, crown <u>C</u> All unders M <u>Stm. 1</u> cicada (locust) <u>Skl</u>. Comp. ossif. 1 Sk. 306 <u>Lalage</u> of  $\frac{1}{2}$  - (LT  $\frac{1}{2}$  black RT  $\frac{1}{4}$  white) Shot 2-3 P.M. <u>Wt</u>. 22.65 grams <u>W</u>. 85 <u>T1</u>. 76 Moult W.R. 9, 14 TL L3 (x) Abr. W/T N. All uppers <u>0</u> x nape <u>C</u> All unders  $0 \times neck$ , chin C <u>Stm.</u> <u>1</u> caterpillar <u>Skl</u>. Comp. ossif. Sk. 307 <u>Zosterops</u>  $\begin{array}{c} 2 \\ 4 \end{array}$  + 0.C.E. 
 Shot
 2-3
 P.M.
 Wt.
 16.5
 grams
 W.
 64.5
 T1.
 50

 Moult
 W.L.
 14
 Abr.
 W/T
 N
 Abr. W/T N. Unders O Stm. 1 banyan figs <u>Skl</u>. Comp. ossif. 2

Shot 2-3 P.n. Mr. 15.3 (214 1. 70 Marc 2-3 P.N. My. 16.5 grade M. 64.5 TL. 50 Zosterops $\begin{array}{r} 2 \\ 1 \\ 2 \end{array}$ Rotund as believed to be juvenile.Shot2-3 P.M.Wt. 15.15 gramsW. 60T1. 48MoultNilAbr.W/T N.Stm.1banyan figsSkl.941010

Sk. 308 <u>Gerygone</u>  $\sigma_{1}$  - white <u>2</u> <u>Shot</u> 3-4 P.M. <u>Wt</u>. 6.95 grams <u>W</u>. 53 <u>T1</u>. 41 <u>Moult</u> <u>Abr</u>. W/T N. <u>Stm</u>. <u>1</u> minute insects <u>Sk1</u>. Comp. ossif.

> Yellowish instead of white eyebrowin <u>Gerygone</u> is almost infallible, sign of juvenility. Skull not or only partly ossified.

N.B. <u>Gerygone</u> White breast may be without lemon but eyebrow will be yellow if it is immature. This also I think is sure to refer to Mare notes also. See notes Mare Island.

# Sunday, 29th May 1938

Weather. Fine, sunny, light ESE airs, clouds 10-20%.

Monday, 30th May 1938

Weather. Fine, sunny, light ESE airs, clouds 5-10%.

- Bush. Coconuts, garden lands, original tall and short forest. Coralline cliffs, etc.
- <u>Birds</u>. A very large area a bush covered in search of <u>Rhipidura</u>, none seen. 1 <u>Accipiter</u> seen. No <u>Columba</u> seen though the greater part of the south of the island was covered. Natives cannot account for its absence as there are usually a few about, but it is never very common. 1 <u>Chalcities</u> seen and shot.

Sk. 308AZosterops $\begin{array}{c} 1\\ 4\end{array}$  $\begin{array}{c} 1\\ 4\end{array}$ 1\\ 4\end{array}1\\ 4\end{array}</

Sk. 308B Zosterops  $\begin{array}{c} 2 \\ \frac{1}{\mu} \end{array}$ Shot 8 A.M. Wt. 15.45 grams <u>W.</u> 63 <u>T1.</u> 49 Abr. W/T N. Moult W.R. 1,2,13f sec.covs 0 L. 1,2,13f,14 sec.covs 0 All uppers O rump, back M Vent belly M unders O Stm. 1 banyan fruits 2 <u>Skl. 1</u> ossif. Sk. 309 Chalcities  $\begin{array}{c} 2 \\ 4 \end{array}$  1 O.S.E. Very fat. Shot 1 P.M. <u>Wt</u>. 24.3 grams <u>W</u>. 97 T1. 69 Moult rump O nape, crown M Abr. W/mixed N-M average F neck, chin <u>C</u> TL/F <u>Skl. 1</u> ossif. 5 <u>Stm. 1</u> caterpillars

Tuesday, 31st May 1938

<u>Weather</u>. Fine, clear, sunny till 10 A.M. then overcast with haze. Light airs, clouds 20-100%. (Earth tremor at 2 A.M. previous night. Gentle, but long duration, volcanic origin).

All day searching for Columba, none seen.

Wednesday, 1st June 1938

- Weather. Dull, overcast after hazy rain previous night. Light N airs, clouds 80-100%.
- Bush. Original forest and garden lands, etc.
- Birds. 2 Nymphicus seen, 1 heard. Note <u>Collocalia spod</u>. <u>leuc</u>. fairly common today. 2 <u>Chalcities</u> heard.
- Sk. 309A <u>Nymphicus</u> of <u>3</u> white (LT <u>3</u>+ RT <u>1</u>+) This specimen is <u>4</u> <u>4</u> <u>2</u> badly shot damaged, back, front and head but might be combined with 297B to make a good skin.

Brought in dead so skinned so as not to waste. <u>Shot</u> or caught? 11 A.M. <u>Wt</u>. 133.5 grams <u>W</u>. 167 <u>T1</u>. 163 <u>Moult</u> back (x) crown, cheeks <u>C</u> <u>Abr</u>. W/T N. neck, chin <u>C</u> <u>Stm. 1</u> chewed seeds <u>Skl</u>. Comp. ossif. 1 crop <u>1</u> seeds (& flowers?)

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Wednesday, Ist America 1975

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Shar or connect 15 came by 153+5 gram 9. 107 EL 165 and to connect 15 came by 153+5 gram 9. 107 EL 165 and to contact 15 came by 153+5 gram 9. 107 EL 165 and to contact 15 came by 153+5 gram 9. 107 F.

Sk. 310 Myagra  $9 \frac{1}{2} + 0.V.S.E.$  9 plumage. Shot 12 Noon <u>Wt</u>. 12.075 grams <u>W</u>. 71 <u>T1</u>. 63 MoultNilAbr. W/T N.Stm.1 beetlesSkl. Comp. ossif. Stm. 1 beetles 2 Sk. 310A Myzomela 9 1 -2 Shot 10 A.M. <u>Wt.</u> 8 grams <u>W</u>. 55 <u>T1</u>. 39 Moult W.R. (x) Abr. W/T N. TL R6, L. 4 Rump, back C Unders 0 few <u>Skl</u>. <u>3</u> ossif. <u>4</u> Stm. Nectar Sk. 310B Gerygone (w) V.S. believe of <u>Shot</u> 8 A.M. <u>Wt</u>. 7.3 grams <u>W</u>. 55 <u>T1</u>. 42 Moult Nil Abr. W/T N. Stm. 1 insect eggs, scale insects Skl. Comp. ossif. 2 Sk. 311 <u>Gerygone</u> (w) of  $\frac{1}{2}$  + white 
 Shot
 10 A.M.
 Wt. 7.45 grams
 W. 56
 T1. 44

 Moult
 TL. R.1
 Abr. W/T N.
 Stm. 1 insect eggs, scale insects, Skl. Comp. ossif. 2 minute insects.

Thursday, 2nd June 1938

Weather. Sun and cloud, light N airs. Clouds 10-30-60-80-90%.

Bush. Tall original forest and garden clearings about margins.

Birds. All day 6 A.M. - 5:30 P.M. searching for <u>Columba</u>, 1 seen at distance in flight. <u>Tyto</u> in caves and grottos and dense forest, none seen, and <u>Rhipidura</u> in forest and margins, none seen. Ideal territory for each but none seen or heard. Saw or heard 1 <u>Nymphicus</u> in one small patch of forest about 250 acres or less, and 3 others seen a little distance away. This is the greatest number I have seen in a day as they remained silent and speaks well for the status of the species as doubtless numbers were unobserved. The area is ideal for the species but is being encroached upon by coconut cultivations. (See final survey notes on Uvea Island

this species.) All species common elsewhere, except Lichmera which does not penetrate forest areas anywhere, were common in this forest. It is undoubtedly the best territory for birds I have seen on the island and being true original type gives a good picture of true Uvea bird life. I spent some time searching for Porphyrio, one which I heard, and one native said they were common about his garden, his wife denied this as did numerous other natives and when closely questioned, they admitted that they seldom saw more than 2 or 3 a year, the occasionally mobs appeared to be about by the numerous tracks seen and damage done. All admitted the total damage done was very small and none would accept the offer of 10 francs a bird to snare or shoot as all said they might be a week getting one. Some youngsters are trying but the older hands hold little hope of their being successful.

Sk. 312 <u>Zosterops</u> of <u>1</u> - white

Forest and native gardens in the latter about paw paws especially. Wt. 16.4 grams W. 65.5 T1. 51.5 Shot 6-8 A.M. Moult TL (x) Abr. W/T N. Nape 0 Stm. 1 seeds and berries Skl. Comp. Ossif. 1 (2) <u>Zost</u>.  $\begin{array}{c} 2 \\ 1 \\ 2 \end{array}$  Specimen very fat. Shot 6-8 A.M. <u>Wt</u>. 15.25 grams <u>W</u>. 63 <u>T1</u>. 46 Moult All uppers O cheeks M Abr. W/T N. Unders O <u>Stm. 1</u> vine berries <u>Skl. 1</u> ossif.

 (3) Zost.

 Shot
 6-8 A.M.
 Wt. 13.8 grams
 W. 57
 T1. 41

 Moult
 W. covs M
 Abr. W/C

 All unders 0
 T/F

 Stm.
 Skl.

(5)  $\underline{Zost}$ .  $\begin{array}{c} 9 \\ 1 \\ 4 \end{array}$  + 1mm. Rotund, better moult condition required. Shot 6-8 A.M. <u>Wt</u>. 14.95 grams <u>W</u>. 62 <u>T1</u>. 48 <u>Moult</u> W.R. 5, covs <u>0</u> Sec <u>M</u> <u>Abr</u>. W/N L. 5 covs <u>0</u> sec <u>M</u> T/V.S. <u>Stm. 1</u> berries All uppers <u>0</u> x crown <u>M</u> 2 All unders <u>M</u> <u>Skl</u>. <u>1</u> ossif. (6)  $\underline{Zost}$ .  $\begin{array}{c} 9 \\ 1 \\ - \\ 2 \end{array}$ <u>Shot</u> 6-8 A.M. <u>Wt</u>. 15 grams <u>W</u>. 63 <u>T1</u>. 49 <u>Moult</u> Crown <u>C</u> <u>Abr</u>. W/T. N <u>Stm. 1</u> paw paw <u>Skl</u>. <u>3</u> ossif. <u>4</u>

Rotten day.

Friday, 3rd June 1938

- Weather. Dull, cloudy, overcast, showery off and on all day. Light N airs, clouds 90-100%.
- Bush. Tall original forest, short forest and scrub, coconut and garden lands.
- <u>Birds</u>. All day spent searching for <u>Porphyrio</u>, <u>Columba</u> and <u>Rhipidura</u> and <u>Tyto</u>, none seen or heard. Heard 4 <u>Nymphicus</u> and examined 2 nesting sites very similar to previous discription but 20 ft. and 25 ft. from ground at entrance. Note <u>Collocalia spod</u>. <u>leuc</u>. is again rare, few being seen. Saw 2 blue <u>Demigretta</u> and 1 shot when returning along coast.

Sk. 313 <u>Demigretta</u> 9 <u>3</u> 0.S.E.

<u>Shot</u> 4 P.M. <u>Moult</u> TL covs <u>O</u>	<u>Wt</u> . 628 grams	<u>W</u> . 325 <u>Abr</u> . W/S	<u>T1</u> . 102
<u>Stm.</u> <u>1</u> sardines		T/N <u>Skl</u> . Comp.	ossif. Thickish

Saturday, 4th June 1938

Weather. Sun, cloud and showers, gusty strong S wind. Clouds 60-80%.

Searching all day for <u>Porphyrio</u>, <u>Columba</u> and <u>Rhipidura</u>, none seen.

## Sunday, 5th June 1938

Weather. Sun and clud, gusty S wind, clouds 40-60%.

Monday, 6th June 1938

Weather. Fine, clear, sunny, light SE airs, clouds 10-15% or less.

Bush. Coconut groves, gardens, low scrubs.

Birds. All day searching for Columba and Porphyrio, 1 very juvenile Columba shot N.T.V. 3 Chalcities heard. Good territory for Accipiter but none seen. Collocalia spod. leuc. again disappeared.

Sk. 313A <u>Myzomela</u> 9 <u>1</u> - 0.V.S.E. 2 Shot 7 A.M. Wt. 7.6 grams Moult TL. R4, L6 Stm. 1 insects 4

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<u>₩. 55</u> <u>T1. 37</u>
Abr. W/T N.
Skl. 3 ossif.
     4
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Abr. W/T (x) S

Sk. 313B Zosterops 9 1- (imm.) Shot 7 A.M. Wt. 16.95 grams W. 64 T1. 48 Moult L 1,2, Abr. W/T N. TL covs C Stm. 1 seeds <u>Skl. 7</u> ossif. 8 4

> $\frac{\text{Zost. } \text{Q} 1}{2}$  -<u>Shot 6 A.M. Wt. 15.95 grams W. 62 T1. 48</u> Moult W.R. 8, 9, (x)) L 8, 9, 15-17 ) covs sec. 0

Rump C back, nape O crown, cheeks M All unders M Stm. 1 lantana berry Skl. 1 ossif. 4 3

 $\frac{Zost}{4}$  of  $\frac{1}{4}$  + white Shot 6-8 A.M. <u>Wt</u>. 16.1 grams <u>W</u>. 64 <u>T1</u>. 50 Moult W.R. 7, 17 ) covs M Abr. W/T N. L. 7,17,18) sec. TL covs M All upers C All unders M <u>Stm. 1</u> berries <u>Skl</u>. <u>1</u> ossif. 5 2

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Zosterops  $2 \frac{1}{2} - 0.V.S.E.$ Shot 6-8 A.M. <u>Wt</u>. 15.5 grams <u>W</u>. 61 <u>T1</u>. 47 Moult W.R. 7, 8f, 16) covs M Abr. W/T N. L, 8, 17 ) sec <u>C</u> Rump, back 0 nape, crown M vent belly, breast <u>M</u> neck, chin <u>C</u> <u>Stm. 3</u> chili peppers 4 <u>Skl. 1</u> ossif. 5  $\frac{Zost}{4}$  of  $\frac{1}{4}$  - white Shot 6-8 AM Wt. 14.6 grams W. 62 T1. 46 Abr. W/T N. Moult W. R. 3 L 3 nape, crown <u>M</u> All unders <u>O</u> X neck <u>C</u> TL R. 3-6, L 3-6, in outward sequence. <u>Skl. 1</u> ossif. 5 Stm. 1 vine berries 1 <u>Zost</u>. of  $\frac{1}{4}$  + white Badly shot about. Shot 6-8 A.M. <u>Wt</u>. 14.8 grams W. 63 T1. 49 Moult Nape 0 Abr. W/T N. neck, chin O Stm. 1 berries <u>Skl.</u> <u>3</u> ossif. <u>4</u> 2 Sk. 314 Zost. 91 - repose2 Shot 6-8 A.M. Wt. 15.1 grams W. 65.5 T1. 50.5 Moult Unders 0 few Abr. W/T N. chin C <u>Stm</u>.  $\frac{1}{4}$  chili peppers Skl. Comp. ossif.  $\frac{Zost}{4}$  of  $\frac{1}{4}$  + white Shot 6-8 A.M. Wt. 16.1 grams W. 64 T1. 50.5 Moult TL (x) Abr. W/T N. Unders O few <u>Stm. 1</u> berries <u>Skl.</u> <u>3</u> ossif. <u>4</u> Zost. 9 <u>1</u> 0.V.S.E. 2 Shot 6-8 A.M. Wt. 15 grams ₩. 62 T1. 47 Moult Nil? Abr. W/T N. <u>l</u> vine berries Stm. Skl. 3 ossif. 1 4

Zosterops It is worthy of note that in this species the amount of colouration on the sides and flanks of unders is no indication of ages. The above 9 specimens were done in order and only one was an adult. There is undoubtedly great individual variation right throughout the sub species. All were shot along one road or rather route in low scrubs and garden lands, coconut groves where scrub had grown up between palms. This is probably a fair indication of the ratio of 1 ad. to 9 juv., or or 2 broods a year and possibly more. This gives an indication of their increase capacity, but this species suffers from snakes, domestic cats gone wild and Accipiter and native children (and adults) to a large degree. All above specimens were fat and in good condition. Natives raid their roosting places in low trees and shrubs at night with coconut leaf torches dazzle them and catch them by hand. (Youths of 14 or 15 particularly good at this).

# Tuesday, 7th June 1938

Weather. Fine, clear, sunny, fresh SE breeze, clouds 10-15%.

Bush. All types and coastal, except original forest.

Birds. All day after Porphyrio, Columba and Tyto (in grotto). None seen. Saw 3 Accipiter. Noted Sterna summatrana was entirely absent from sandbanks where it was common before. Saw many Sterna bergii including juveniles (3 shot) discarded and 3 older specimens shot and retained, saw 1 Limosa. Many Hirundo.

Sk. 315 <u>Hirundo</u>  $\overset{\sigma}{\underline{1}} + \text{ white}$ Shot 9 A.M. <u>Wt.</u> 21.1 grams <u>W</u>. 110 T1. 50 Moult W.R. 1, 15) L 1, 15) sec. 0 Abr. W/S T/N TL R5, L5, covs 0 Unders O few Stm. 1 beetles <u>Skl. 4</u> ossif. 5 Sk. 315A <u>Hirundo</u> 9<u>1</u>-2 Shot 12:30 P.M. Wt. 21.7 grams W. 113 TL. 51 Moult nape O crown C Abr. W/S all unders O X neck, chin C T/N <u>Stm. 1</u> spider, blow flies, small grasshopper

1

Skl. Comp. ossif.

# Transferrer, TER Anna Line

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Sk. 315B <u>Hirundo</u> o'<u>1</u> - white <u>Wt.</u> 21.2 grams <u>W</u>. 113 <u>T1</u>. 48 (x) <u>Abr</u>. W/T N. Shot 12:30 P.M. Moult W.R. 1, 15 L. 1 TL(x)Stm. 1 flies, beetles, insects Skl. C.O. just complete. A tiny spot clear and skull ending to thinner. Sterna bergii Shot 8-9 A.M. 2 others too juvenile for any value. Wednesday, 8th June 1938 Weather. Fine, clear, sunny, light SE breeze, clouds 20%. Bush. All types and garden and coconut lands. Birds. All day after Columba, Porphyrio, Tyto and Rhipidura, none seen. 1 Accipiter seen flying hight. 1 Chalcities seen and shot. Zosterops  $\begin{array}{c} \bigcirc 1 \\ 2 \end{array}$ <u>Shot</u> 6-8 A.M. <u>Wt</u>. 15.6 grams <u>W</u>. 65 <u>T1</u>. 50 Moult W.R. (x) 15 Abr. W/T N. L. 15 Upper back, nape M crown O flank, breast <u>0</u> neck, chin C Stm. 1 banyan figs <u>Skl. 3</u> ossif. 4 1 Zosterops of 1 + white 2 Shot 6-8 A.M. Wt. 16.7 grams W. 65 T1. 50 Moult breast, neck O chin C Abr. W/T N. Stm. 1 seeds, berries Sk1. 3 ossif. 4 Sk. 315C <u>Chalcities</u>  $\frac{1}{2}$  white (LT  $\frac{3}{4} - RT \frac{1}{2} )$ Shot 7 A.M.Wt. 19.4 gramsW. 100Moult rump, nape MAbr. W/T N. T1. 72 all unders 0 to C <u>Stm. 1</u> caterpillars Skl. ? part. ossif. 2

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Weather. Fine, clear, sunny, light northerly airs or dead calm. Clouds 15-20%.

All day drifting about in attempt to reach Beaupre Island.

<u>Birds</u>. 2 blue Demigretta seen. Noted only Sterna bergii within the lagoon area of Uvea Island.

All night at sea.

Friday, 10th June 1938

Weather. Same as previous day by light more regular NE airs.

<u>Birds</u>. Within lagoon only <u>Sterna bergii</u> seen and few of those. Immediately on leaving lagoon, several <u>Sula leucogastra</u> were seen and 2 <u>Sterna anaetheta</u>.

Arrived at Beaupre Island 8:30 P.M.

Saturday, 11th June 1938

Weather. Fine, sunny, hot, light NE airs, clouds 30-40%.

At Beaupre Island.

Beaupre Island is about 400 or 500 yds. by 300 yds. approx. Reaches only about 20 ft. above sea level at its highest and is almost wholly coral rock with sand deposits. Vegetation is 70% coconut palms, few trees of any size and a great deal of low pandanus and scrub between the coconut palms.

<u>Birds</u>. Land birds I saw present were <u>Zosterops</u> <u>lateralis</u> fairly common and the same as Uvea Island. Evidently <u>Lichmera</u> the commonest bird and very numerous and apparently the same as Uvea Island. <u>Halcyon</u> is said to be present at times but never common and said by natives to be the same as Uvea Island. I saw and shot I <u>Falco</u> which are very common here at times. They feed much on the sea bird colonies to the N of Beaupre (on sand banks there) but do not nest on Beaupre. I saw 3 blue <u>Demigretta</u> and a number of waders (<u>Pluvalius</u> and <u>Limosa</u>).

> No sea birds are supposed to nest on Beaupre but now it is uninhabited I would not be surprised if a few <u>Noddies</u> and <u>Sterna</u> nest there, though snakes are said to be common and this may hinder them, though I doubt it as they nest elsewhere where snakes are present. Certainly none were

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nesting while I was there as we thoroughly combed the island from end to end for land and sea birds.

Left Beaupre at 4 P.M. for small sand bank called MOTUTABU 4 or 5 miles N of Beaupre. Is belonging to the same atoll chain. Passed a small sandbank (unnamed) 30 by 50 yds. on the way on which I saw <u>Sula leucogastra</u> nesting, about 10 pairs but weather was getting bad and wind rising and I could not spare the time to stop as glass was falling rapidly and jerkily and general weather conditions promised dirty weather in near future so pushed on to the larger colony on Motu Tabu. Natives say <u>Sterna</u> <u>dougalli</u> and <u>Sterna</u> <u>anaetheta</u> and <u>Sterna</u> <u>fuscatu</u> occasionally breed there never more than a pair, also they say <u>Sterna</u> <u>bergii</u> rarely.

Motu Tabu Island 6 P.M. Night of 11th till 7 A.M. on the 12th.

Small sand bank 150 yds by 60-70 yds, (roughly triangular) about 10 ft. high covered in the higher part with a creeping type of grass (from very high tide mark) and here and there low flower plants nowhere more than 12-18" high, mostly sand, coral detriens and guano. Generally has some surf breaking on it even in the lie of the land as tides are very strong about it.

I left my gun and gear aboard as considered it too dangerous to land with weather as it was and self and boys swam ashore after anchoring boat outside surf.

I found a colony of <u>Sula leucogastra</u>, about 30 nesting, one nest with one chick just hatched, 8 nests with 2 eggs, 6 nests with one egg, 14 or so nests without egg, eggs from advanced incubation to very fresh. One nest I found a bird trying to incubate a large cowrie shell about the size of an egg. It was most persistent and would return to the nest in the dark (full moon in cloud wrack) even if I lay within 3 ft. of the nest without moving. We captured 6 or 8 of this species and attacked them. The total number of this species was about 150 on the island.

<u>Sula dactylatra</u> About 50 of these were present but not nesting, we captured 8 speciments and released 1 immature. Natives say it does not nest. makeing width i was there is as birreatives contain the

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<u>Sula piscatrix</u> 2 juveniles captured and very juvenile, only 2 other juveniles seen. I place them as this species as their feet and legs were pale pink. Unfortunately both were lost overboard later in the rough sea. Natives seem not to know it and say it does not nest on Uvea or elsewhere.

<u>Fregata ariel</u> 4 of these spent all night on the wing above and about the island but did not land. It nests on the island but never more than half a dozen pairs. Was not nesting when I was there.

1 also saw the following but none were nesting.

<u>Anous stolidus</u> About 1000 specimens roosted on the island but it does not nest there. Roosts on rocks, etc., a very margin of water being wet with spray often. In the dark the few we captured were all <u>A</u>. <u>stolidus</u> but another species may be present but this I doubt.

l pair of <u>Sterna dougalli</u> were seen in daylight - continued flying about and calling all night occasionally settling but did not capture them. 2 pairs of <u>Sterna</u> <u>fuscata</u> flying and calling much but remained about and occasionally settled.

1 pair of <u>Sterna nerlis</u> These may have been nesting but 1 failed to find the nest. They would settle always about the one spot and appeared excited when I approached this area.

All the terns except the latter left at the very first streaks of dawn and <u>Anous</u> was not again seen but all the others returned.

1 pair of <u>Aninaria enterpres</u> were on the island. One a Q could not fly because of a wing inury and was captured and found to be in advanced breeding, its fellow flew away and did not return before we left.

<u>Casual Notes</u> The whole island is crawling with a species of tick which infests the birds and making collecting there most uncomfortable. I had as many as 14 at one time attached to my arm between wrist and elbow. A hot fire stick or match held near them makes them let go. I had rubbed myself all over with kerosene before landing as I knew how lousy colonies are, but probably its effects were lost in the surf getting ashore. Lice are also very ula (feisivi) 2 intenites secondo intenit jovenite significante (mention cons. ) dissects an this such a second conference in the constant of the constant converse test and the intenit of the constant of the second content of the constant of the constant of the second content of the constant of the constant of the constant second content of the constant of the constant of the constant second content of the constant of the constant of the constant second content of the constant of the constant of the constant second constant of the constant of the constant of the constant of the second constant of the constant of the constant of the constant of the second constant of the constan

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plentiful. The waters surrounding this island are teeming with sharks and 3 <u>Boobies</u> (<u>sula dactylatra</u>) which flew into the sea when disturbed had their legs bitten off or mauled before taking wing and one was taken completely under by a large shark.

It is notable that <u>Sula dactylatra</u> roost on rocks at the water's edge and on the sand, etc. Whereas <u>Sula leuogastra</u> only perch on rocks inland or on grass patches there.

Noted in the first grey dawn, still dark, a <u>Falco</u> arrived from Uvea direction, flew once or twice over island and flew on towards small sandbank towards Beaupre Island. It must have started before daylight to arrive when it did. Possibly our presence upset it and it went hunting elsewhere.

## Sunday, 12th June 1938

Weather. Blinding rain squalls, strong ESE, mounting sea.

Beating up for shelter on the outer islands of Uvea atoll, all day till 5 P.M. when made a lie under the outermost island. Went ashore and saw <u>Pachycephala</u>, <u>Zost</u>. <u>later</u>., <u>Lichmera</u>, <u>Lalage</u>, <u>Myagra</u>, all apparently the same as Uvea Island

## Monday, 13th June 1938

<u>Weather</u>. Rain and wind but strong E but managed in lie of reef to reach it near Island in the north at about 2 P.M. Noted present were <u>Myagra</u>, <u>Zost</u>. <u>lateralis</u>, <u>Halcyon</u>, <u>Lichmera</u>, <u>Gerygone</u>, <u>Chalcities</u>, <u>Lalage</u>, <u>Hirundo</u> and many <u>Sterni bergii</u> and 8 blue <u>Demigretta</u> seen.

# Tuesday, 14th to Thursday, 16th

<u>Weather</u>. Terrific wind storms and rain, coconuts and trees damaged, sheltering on small island from weather. Made one attempt to get away and swamped losing a number of specimens, <u>Anous</u>, <u>Sula</u>, etc. and all specimens badly damaged. Got ashore through surf with boat after crossing reef and getting lie of land.

# Friday, 17th June 1938

Weather. Sun and showers, moderate SE wind.

All day beating up to Fayuwai.

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<u>Casual Notes</u> I swam and waded during the bad weather to 2 other small islands in the north and noted the above mentioned birds and also I <u>Columba</u> and I <u>Chalcophaps</u> but don't think pigeons are common on these islands, not the outer ones anyway.

I noticed that at the narrow passage where we sheltered, <u>Zosterops</u> crossed the 200 yds of water early morning and late at night, never singly, rarely 2 at time, sometimes 3 and generally 6 or so. Always flew and climbed rapidly to a height then slowly dropped till across, often returned if they did not gain height enough. Much calling and generally a few false starts. Noted 28 blue <u>Demigretta</u>.

Sterna bergii adult and young very common.

From what natives say <u>Sterni bergii</u> nests on these islands and one nesting found by me.

Anous also nests, I found none nesting.

<u>Sterna sumatrana</u> also I found none nesting nor saw any. <u>Sygis</u> may nest as they speak of a small all white sea bird nesting. I saw none.

I don't think <u>Sula</u> nests anywhere on these islands. I don't think <u>Nymphicus</u> is found, as trees are not large enough tho it may be present on one or two of the largest but I doubt it.

When beating up for Fayuwai on Friday when two miles from the nearest island across wind and 3 miles from one to leeward and 15 from the mainland, a <u>Lichmera</u> came and flew around the boat coming from across wind and returned across wind after circling the boat once. It did not appear distressed and till out of sight was flying strongly about 15 ft. above the water towards land 2 miles away.

(Arrived Fayuwai 10:30 P.M.).

## Saturday, 18th June 1938

Weather. Fine, clear, sunny, light northerly airs, clouds 20-30%.

Repairing damage after trip, all day on guns, specimens, etc. and avoiding arrest by gendarme for causing a stir about safety of party, etc. (vive la France) Knutz. and the second second and the second second

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## Sunday, 19th June 1938

Weather. Sun and cloud, light SW wind, clouds 20%.

Repairing damage to specimens, etc.

Monday, 20th June 1938

Weather. Fine, clear, sunny, light S wind. Clouds 10-20-40-60-10%.

Packing for Lifu.

<u>Birds</u>. In afternoon went rhough low forest and saw 2 <u>Columba</u>, l shot, but too juvenile skull, not ossified. of greyish wash thin. Juveniles may be <u>Surasins</u> reason for separating this as smaller.

Tuesday, 21st June 1938

Weather. Fine, clear, sunny, strong SW breeze, clouds 40-50%.

Packing for Lifu and searching for <u>Columba</u>, none seen. 5 <u>Nymphicus</u> heard, 1 <u>Accipiter</u> seen.

Wednesday, 22nd June 1938

Weather. Cloudy, overcast, showers, cold southerly wind, clouds 60-80%.

Searching for <u>Tyto</u>, <u>Rhipidura</u> and <u>Columba</u>, none seen. 1 Accipiter seen and 3 Ny phicus heard.

Thursday, 23rd June 1938

Weather. Showers and sun, strong ESE wind, clouds 60-80%.

Loading cargo onto ship for Lifu and awaiting passengers, etc.

Friday, 24th June 1938

Weather. Cloudy, overcast, strong SE, rough sea, showery. Clouds 80-100%.

All day beating up to Lifu and night (29 hours to 11 AM of the 25th)

Skins despatched. All but 1 Falco and 6 Sula (Beaupre 1s.).

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# BEAUPRE ISLAND (off Uvea) 1938

Beaupre Island lying a little NW of Uvea is a similar atoll at a very much less advanced or lifted state. It is a complete atoll chain of coral, with one rock island of any size carrying vegetation and numbers of bare rock table tops, mushroom rocks, etc. above the general level of the reef top and above H.W. tides by a few feet, and numbers of sand banks deposited on the reef top, some with scarcity of marine sand grasses and herbs on them. Only one being of any appreciable size on which small colonies of sea birds have been long established. 872.

The whole atoll lagoon is about 8 miles by 8 miles (geog.) and roughly circular, rather closely resembling the Uvea lagoon in shape with Beaupre Island (Beautemps, Beaupre Island's full French name, or Heo Island is the native name ) in the extreme south of it. Admiralty charts are incorrect both as to the shape of the island and the surrounding reefs and passes into the lagoon. Apart from Beaupre Island itself, there is nothing of importance except the small colony of sea birds on the islet 7 or 8 miles, a little E of north of Beaupre and on the NE corner of the lagoon, this islet is called Tonga-tabu by the natives. The name coming from the days when natives (very few, about 12 adults at most) lived permanently on the island and their chief tabued visiting the island except with his permission. Beaupre natives occasionally visited the island to capture sea birds which were smoked and sold or exchanged to Uvea natives by canoe, being considered a rare delicacy by the meat hungry Uveans; apart from being Beaupre's main source of meat supplies also. At the present date, no natives live permanently on Beaupre. Once a year north Uveans boat out to Beaupre and make up the copra from the coconuts which have been planted, the whole island having been planted up with nuts, and small cutters then call and pick up the copra and the natives

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and return to Uvea. There is a single spring of fresh water on the island, probably coming between impervious rock layers under the sea from N.C. or elsewhere, but this water supply was too small and uncertain and during the residence of natives a large lime cistern was built. The island is healthy but very small and infertile. Its infertility and liability to drought caused its abandonment by the natives which went to Uvea to live. It was originally settled by southern Uveans but captured by the northern race and for years was a bone of contention and a source of meat (cannibal) for north and south in turn in periodical raids from the mainland. Being even after peace a bone of contention the administration gave all the southern Pleiades (W chain of islets of Uvea) to the southern people on Mouli Island and all the northern Pleiades and Beaupre to the northern Uveans who at that time held Uvea. Though coconuts are plentiful on most of the Pleiades they are seldom worked and Beaupre is the only one which is regularly visited and worked, probably only because if left the southern people might claim it again if it were neglected.

2.

The bulk of the vegetation on Beaupre is coconuts with a low scrub in between pandamus, rock rooted shrubs, lawyer vines, etc. all growing out of almost pure coral rock or a thin layer of sea sand deposited in hollows and pockets, etc. The only trees of any size are a few about the sea margins being such species as customarily spread by having their seeds water born by the sea, currents, etc. A few of these are found in the interior of the islands but form a very small percentage of the vegetation, the bulk of which is composed of low hardy shrubs, brack arnes, pandamus, ti tree, etc. types of vegetation able to grow under infertile conditions in coral rock and sand of a high salinity. The following notes taken on the spot will give a fair picture of the avifauna of the area at the time of my visit.

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<u>9th June 1938</u>. On way to Beaupre Island under sail, fine, clear sunny, little wind, slight swell, visibility very good. Noted <u>Sterna bergii</u> plentiful within the lagoon and the only sea bird seen.

<u>10th June 1938</u>. Still enroute, wind light, weather same as previous day. Note only <u>Sterna bergii</u> within lagoon and few of those. Immediately on leaving the lagoon and being in real ocean several <u>Sula leucogastra</u> were seen, hawking and fishing, and just on dusk a pair of <u>Sterna analtheta</u> flew about the boat and then off towars sandy islet N of Beaupre Island. Arrived at Beaupre Island 8:30 P.M., wind freshining.

<u>11th June 1938</u>. Beaupre Island is about 500 yards by 300 yards approximately, and is somewhat becomerang shaped with a thickening at the centre giving a more triangular shape to the island. Reaches only about 20 ft. above sea level at its highest point and is wholly coral rock with sand deposits in hollows and holes and about the margins except where sheer coral rock (five feet or so high) rises abruptly out of the sea. Anchorage precarious, shelter nil except for very small craft. Vegetation is 75% coconut plms, few trees of any size, and a great deal of low dense tangled pandamus and other scrubs, (shrubs and vines) between the coconuts. Island at present uninhabited, was once inhabited by about 20 to 30 natives. One of the previous inhabitants was with me as an employee and guide.

Birds seen by me and the whole isalnd was covered pretty extensively, were <u>Zosterops lateralis nigrescens</u>, plentiful and common and apparently the same as on Uvea mainland. <u>Lichmera</u> <u>incana incana</u> the commonest bird on the island and very numerous, apparently the same as on Uvea mainland. <u>Halcyon</u> is said to be present at times but never common, I saw none. Natives say it is the same as Uvea. It probably only visits and because of lack 3.

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of nesting sites returns to Uvea or the islands of the western chain. <u>Falco peregrinus ernesti</u> is very common (shot by me) visiting the island to rest between attacks on the sea birds in the colonies to the north. Never breeds on Beaupre though at non-breeding seasons it may stay there for long period. <u>Demigretta</u> are common about the coast and reefs and migrant waders such as <u>Pluvalius</u>, <u>Limora</u>, etc. both mentioned being seen on this date (?? Siberia season). K.

Natives say no sea birds nest on Beaupre Island but now it is unhabited I would not be surprised if a few <u>Noddis</u> and <u>Sterna</u> nested there. Snakes are said to be common and plentiful on the island and they might hinder them from nesting, but that I doubt, as they do nest elsewhere where snakes are present. Certainly none were nesting when I was there, as we combed the island very thoroughly from end to end.

Left Beaupre at 4 P.M. for small islet sand bank called MOTU-TABU 7 miles (by chart 7 1/2, actually probably only 5 or less) N of Beaupre Island but belonging to the same reef chain being in the NE corner of the lagoon forming reef. At about 2 1/2 miles we passed a small sand bank on the reef top (W of direct line Beauprie - Motu tabu) about 30 by 50 yds in extent and nowhere more than 4 ft. above H.W. mark. The bank is permanent but unnamed. On it I saw about 10 pairs of <u>Sula leucogastra</u> nesting. Natives say occasionally I pair, but never more, of <u>Sterna dougalli</u>, <u>S. fuscata</u> and <u>S. anaetheta</u> nest there and at rare intervals one or more <u>Sterna bergii</u> may nest for a season and be absent for several seasons.

Owing to unfavorable weather approaching and falling glass, I did not land but pushed on to the larger colony on Motu tabu islands, arriving there just after dark (6 P.M.) and effected a landing there. if making sites requests to lower as the large of the matters, back, ising arreading entant is were sensed (and a solution disiting the ising arread arread arreads on the sensitive is the colorise to the matty, have breads on the sensitive is an entantian to read the sense in the sense of the isometry are sense if a sense in the form and a sense such as <u>the institut</u>, the sense of and is and is and the isometry in the sense of the isometry is sense such as <u>the institut</u>, the sense of the isometry is sense such as <u>the institut</u>, the sense of the isometry is sense such as <u>the institut</u>, the sense of the isometry is sense such as <u>the institut</u>, the sense of the isometry is and sense such as <u>the institut</u>, the sense of the isometry is and sense such as the institution is a sense of the isometry is a sense is the institution is a sense of the isometry is a sense of the isometry is a sense of the institution is a sense of the isometry is a sense is the institution is a sense of the isometry is a sense of the isometry isometry is a sense of the institution is a sense of the isometry is a sense is the isometry is a sense of the isometry is a sense of the isometry is a sense is the isometry is a sense of the isometry isometry is a sense of the isometry isometry is a sense is the isometry is a sense of the isometry is

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## SEA BIRD COLONY OF MOTU TABU SAND BANK

Motu Tabu sand bank. Is a small islet or sand bank 150 yds. long by 60-70 yds. wide, (roughly triangular abovue 10 or 12 ft. above high water at the highest point but mostly below 8 ft. above H.W. The higher part is covered by a low flat nappy kind of marine creeper (which reaches more patchily to spring high tide mark) and low herbs or plants of wind borne seed species (like thistles) nowhere more than 1 ft. or 18" high and generally rather scattered. A small type of sunflower like plant occupies holes and depressions on the higher parts but is nowhere dense. The whole island is composed of debris deposited on the reef top and composed mostly of sand, large blocks of coral and lime formed sandstone, etc. mixed with a small quantity of guano. 5.

The bank generally has a surf breaking on it even on the lee side as tides are very strong about it and hack up a nasty tide rip. I considered it too risky to go close in so left guns and gear on board the boat which was anchored outside the surf and self and boys swam ashore through the surf and remained all night and up till 7 A.M. the following morning. We had then to clear out because of bad weather rapidly approaching and make for Uvea for shelter as quickly as possible.

The following notes and observation were made on the birds found on the sand bank or islet of Motu tabu and from information from a native who knew the island well for many Years, being an inhabitant of Beaupre Island previously. I found a colony of

<u>Sula Leucogastra</u> about 30 birds nesting and a total colony of about 150 birds. One nest had one chick just hatched, 8 nests had 2 eggs, 6 nests had 1 egg and 14 or so nests had no eggs. Eggs examined showed all stages from far advanced incubation to very fresh.

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We captured some six or eight of this species by stalking them and rushing in and making captures by hand, then tied them up with fish line. (legs and wings).

This species perches on rocks and level grass patches on the higher parts of the island.

The colony within native memory has never been larger and often smaller. Breeding seems to be going on during most of the year.

<u>Sula dactylatra</u> About 50 of this species were present roosting on the rocks near the water's edge but none were nesting. Natives say it never nests on the islet. 8 specimens were captured and 1 immature released.

<u>Sula piscatrix</u> 2 very young juveniles of this species were captured and only 2 others were seen and both were juvenile. At least I place them as this species as their feet and legs were pale pink and plumage was dusky brown or pale choclatey. (Unfortunately both captures were lost overboard when the boat swamped later). Natives seemed not to know it and say it does not nest on Uvea or elsewhere on the island chains of the west. They speak of a booby nesting on these western islands and it may be the adult (white and brown) which they fail to connect with these different plumaged young. They speak of a nesting booby being a tree nester but are very vague and observer doubts if any <u>Sula</u> nests on any of the Pleiades at all. In the set of found a bird by the in form the address constant and; mouth the sime of a new 1 to a. It are not non after a net would particle to the more worker the alloce many time (will more all close and and and (cline all its to a set of the terms of the set o

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<u>Fregata ariel</u> 4 of this species spent all night on the wing, above and about the island, but did not land at all. Natives say it nests regularly on the island but never more than half a dozen pairs. It was not nesting while I was there.

I also saw the following species but none were nesting. <u>Anous stolidus</u> About one thousand roosted on the island but it does not nest there. It roosts on the rocks at the very margin of the water, often being splashed with spray or disturbed by waves. Another species <u>A</u>. <u>minutus</u> may be present but that is doubtful. As far as I could see in the dark and very bad light of early morning, all were the one species and the few specimens we captured were all <u>stolidus</u>. (These (2) were lost overboard later).

This species leaves very early, the first leaving 20 to 25 minutes before the first faint signs of dawn are visible and all are gone by the time the first streaks of dawn appear in the east.

<u>Sterna dougalli</u> A pair believed to be this species were seen in daylight. During the night they continued flying about and calling much and only occasionally settling. In the absence of guns none were captured.

<u>Sterna fuscata</u> 2 pairs. Flying and calling much about the island and occasionally settling. None were captured.

<u>Sterna nereis</u> 1 pair of these were seen. They may have been nesting but I failed to find the nests. They generally settled about the one spot and always became excited when I approached or remained in the area.

<u>Notes</u>: All the terns except <u>S</u>. <u>nereis</u> left the island with the first streaks of dawn and <u>Anous</u> was not seen again, but all the others returned and flew long away but intensive search over the whole island showed no nest or young. provide and all the standard manage and the intervent

the often above and shout the fetend, but did not tank at all.

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The she first strains of data and finds our not seen social, but all the thering a strains of data and finds our not seen social, but all the others relation and figst from many but interested search much the sheal of talend shound by more as trained Anenaria enterpres A pair of these were found on the island after dawn. One being unable to fly because of a wing injury, this was later found to be a  $\mathcal{P}$  in advanced breeding condition. Its mate flew away when we captured the injured bird and did not return before we left at 7 A.M. This species possibly breeds under such conditions in the area because of inability to return to its usual breeding territory. The wing might have been injured by an attack by <u>Falco</u>. This specimen certainly could never have left the island. It was in good condition and fat.

-8.

<u>Casual Notes</u>: It is noticeable that <u>Sula dactylatra</u> roost only on rocks at the water's edge or on bare sand there, often being wet by spray, but generally only about 3 ft. or less above the actual water line. Whereas <u>Sula leucogastra</u> never perch there but always on rock well inland and up or on patches of grass there, never on absolutely bare sand. <u>Sula</u> <u>pise</u> roost with or near <u>S. dactly</u>. The two main species keep definitely to these lines and do not mix at all, a no man's land of 10 yds. of bare sand always being between the 2 species. <u>Anous</u> roost even closer to the water than <u>Sula dactly</u>. <u>Sternas</u> settle mostly on the bare sand of the ''no man's land'' though occasionally on high rocks further inland.

With the first grey streaks of dawn barely showing in the east and still dark over the island (moonlight, full moon) a <u>Falco</u> was seen to arrive over the sand bank from the direction of Uvea. It flew once or twice over the island and close about and then flew on towards the sand bank between Motu tabu and Beaupre and probably on to Beaupre. It must have left Uvea very early and definitely before dawn to have arrived when it did. Doubtless our presence disturbed its hunting and it passed on to the smaller colony to the south. An and a final second so and of the first back of a stand of the lines, this was inter found to be a line drawn broading and then. Its mets first and a second the information when an dis mer means before a last of four. This shall be also and the mer means before a last of four. This shall be also and the mer means before a last of four. This shall be also and the mer means before a last of four. This shall be also and the mer means before a last of four. This shall be also be also be and the second the last of four. This shall be also be a last of the second to be a stand of the second also be also be an and the second to be a stand of the second also be also be an and the second to be a stand of the second also be also be an and the second to be a stand of the second also be also be an and the second to be a stand of the second also be also be an and the second to be a stand of the second also be also be an and the second to be a stand of the second also be also be an and the second to be a stand of the second also be also be an and the second to be an also be also be also be also be also also be also be an also be a stand of the second of the second also be also also be also also be also also be also be also be also be also be also be also also be also also be also be also be also be also also be also be also be also be also be also also be also be also be also be also be also be also also be also be also be also be also be also also be also be also be also be also be also be also also be also be also be also be also also be also be also be also be also also be also be also be also be also also be also be also be also be also also be also also be also b

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The waters surrounding this small sea bird colony on Moto tabu are simply swarming with sharks and 3 <u>Sula dactylatra</u> which flopped into the water off the rocks when disturbed by our rush at different times had legs bitten clean off or badly mauled and other one was taken completely under in one rush and gulp by a very large shark. To begin with in our first rushes I pursued birds well into the water, the natives <u>did not</u>, neither did I after the first exhibition by the sharks. I beat Johnnie Weismuller next morning getting aboard through the surf, believe me. g.

The whole island is, as usual, infested with lice and parasites and also a large tick which infests all the birds to an enormous extent. Scores of them clinging about the bill base, chin and head and throats and the legs of all Sula. The whole island is crawling with them and they make collection most unpleasant and uncomfortable. I had as many as 14 at one time attached to my arm between the wrist and the elbow. A hot fire stick or match held near them makes them let go but infections from bites are common and make nasty sores, besides causing considerable pain and itching and swelling at the time. Knowing sea bird colonies I had rubbed myself all over with kerosene before coming ashore but much of it doubtless came off during my swim (25 yds.) through the surf. Kerosene put on the actual ticks did not seem to make them let go though they died later still attached. Some ticks (dry) so treated were left on the specimens about the bills and forwarded for identification. It is very inadvisable to pull off ticks, a nasty sore invariably resulting from poison of broken jaws left in. Strangely these ticks make for the neck and ears and hair on the neck of humans in preference to other places. On the island they get everywhere on one but after leaving for several days an odd one will be found about the neck and ears, generally being very small speciments and thus overlooked in previous searches.

The better throughing this shall so that colony on and take are thank therein with the code and <u>but herithers</u> which thread hars the water off the code about distincted by our such at different these had less bitteen close with a bally mailed and other one are releas somelecely under in one their ad gate by werp large there. To begin title in our first ritches I succus black wit into the start, the matives <u>lid bet</u>, mither 10.1 start in first exclusion of the second. I not being the start in the second of the second. I not be the second at the first exclusion of the second. I not be the second and the mating gotting about the second. I not be the second at the second of the second in the second of the second and the mating gotting about the second. I not be the second at the second of th

# GENERAL SEA BIRD SUMMARY OF LOYALTIES

The Loyalties are not a really good sea bird area as regards nesting species. Doubtless numbers of birds visit the area from breeding grounds elsewhere, (in New Caledonia and on islands N and W of there) but observer does not believe any other species outside those mentioned above breed and possibly not all of them do. Probably only few other species even visit the area. No petrels or tunneling species would ever nest there as the soil is quite unsuitable being nearly solid coral rock everywhere or only a thin soil layer over such rock. Petrels fish the sourrounding seas between Loyalties and N.C. but breed in New Caledonia only and not in the Loyalties and I doubt they even roost or approach close to the islands of that group. Sternas form the bulk of Loyalty sea bird life and 2 species S. bergii and S. sumatrana form 95% of those. Anous nest on Lifu and possibly elsewhere and the few other nesters are all on Moto tabu and form the greater part of the total birds nesting in the area. The Loyalties themselves are a poor sea bird area but groups further west and north and south and their reefs and islands are very prolific I believe. The Loyalties seem to be in a pocket of little interest. Local French accounts of sea bird life were very far from correct in most cases as regards the Loyalties and I wonder if other groups and places elsewhere in the area are exaggerated but they are at least said to be much better than the Loyalties for sea birds. Actual Loyalty residents were correct in what they said, but local Noumean opinion was different and quite wrong.

10.

# The second s

## BIRDS NO. 3

NB - Log from 23 (June-1st July written up later after settling in camp, etc. taken from casual notes made at time.) 1.

LIFU ISLAND - crossing from UVEA ISLAND

# Friday, 24th June 1938

<u>Weather</u>. Cloudy, overcast, showers, strong SE wind. Rough sea, clouds 80-100 percent (cold) Left Uvea dawn. Saw only <u>Sterna</u> (<u>Thalasseus</u>) <u>bergii</u> within reef area and two blue <u>Demigretta</u>. Away from land only 2 birds were seen all day. 1 brown booby and 1 blue-faced booby ?

# Saturday, 25th June 1938

<u>Weather.</u> Cloudy, overcast, sun and showers, fining up slowly. Wind strong to fresh, SE clouds 80-100 percent. Got up to Chepenehe anchorage 11 A.M. On way in saw number of <u>Sterna bergii</u> close to land and one blue Demigretta.

> Landing gear and trying to get quarters, etc. finally moved into an old house at 6 P.M. Rather unsatisfactory but only one available except 2 old houses belonging to Government which they wont let up on to a spy. (Might find a plan of the "Mingot Line"secreted somewhere in it perhaps).

At 10 P.M. "cloud burst downpour" of rain.

All night shifting gear to avoid drips, covering with ground sheets, stacking on boxes, etc. all skins and equipment to avoid water damage.

# Sunday, 26th June 1938

Weather. Calm steady downpour till 10 A.M. then slowly fining up. Clouds 100-80-60 (6 P.M.) Steady rain till 8 A.M. Then sudden sharp heavy hailstorm lasting 10 minutes, large hailstones about the size of large pea. Local missionary tells me it is the heaviest downpour of rain

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 Law from 25 (Junetist July written up inter after setting in case, etc., taken from casha) norms and at these.

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#### Survey, State and

Dec. Cale standy deservant all) 10 A.M. then shady theirs no. (Touds 100-80-00 to 5.M.) Standy rain titl 5 A.M. Then sudder sharp haves believen Tasting 10 minutes, have tailstones about the size of Large ass. Local nissionary balls on 11 is the heaviest deserver of rein he has seen in 31 years on Lifu. Once before he saw a light hail. The hail only fell over a narrow strip half a mile wide, but unfortunately over my camp where it punched holes in the rotten roof. None fell on mission or government residence so that will doubtless convince them of my being a spy or some such. (Wonder what about the Catholic mission, it was heavier there than here. "I think God he cross long me 2 feller??") Writing mail, etc. at night. 2.98

## Monday, June 27th 1938

<u>Weather</u>. Sun, clouds, fine, light NE airs, clouds 40-30 percent. Unpacking, drying gear, repairing quarters, visiting officials, etc. SS Loyalty arrived and left. Letter from Zimmer.

# Tuesday, 28th June 1938

<u>Weather</u>. Sun and cloud, light NE airs, clouds 30-40-60 percent. Repairing quarters, roof, etc. Noted close about the camp the following birds:

> Myiagra - common Lichmera - very common Zosterops - 2 species. NB Mare Is. Zosterops is new Lifu is smaller and brighter, a bright yellow chin like Tanna. Aplonis - common Erythrura - common Coracina - a few Lalage - common Chalcophaps - fairly common Accipiter - 1 seen since arrival Gerygone - a few seen and heard Pachycephala - a few heard Halcyon - common Artamus - fairly common Collocalia esculenta - fairly common Collocalia spodiopygia leuc. - a few (NB Local missionary tells me early in June great nestings of Collocalia ? took place in and about large trees in the mission since Hirundo - one seen /when he thinks there are fewer about) Circus - one seen

he has seen [b ]] there on Life. The barries has seen if die mil. The ball only full more a narrow strip half a mile wide, but unfortunately door by the share it purched holes in the catcor roof. Note full mittles on an everyment realdance to this will how then rooking these of by haing a new or some with. And then the about the interface set of some with. And then the about the interface set of some with. And then the about the interface set of some with. And then the about the interface set of some with. And then the about the interface set of some with the set whet about the interface set of some mile the term have. It shink but he stress long to 1 fulle the uselet of some interface at algore.

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#### Tuesday, They have 1915

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## Wednesday 29th June 1938

<u>Weather</u>. Fine, sun and cloud, light N airs, clouds 30-40 percent. Repairing camp. Repacking skins for dispatch and examining for water damage. 3.

# Thursday, 30th June 1938

<u>Weather</u>. Fine, sun and cloud, light SE airs. Clouds 30-40 percent. Shipping skins, mail, etc. Repairing quarters. Heard one <u>Tyto</u> calling about 11 P.M. (New moon two days old).

## Friday, 1st July 1938

<u>Weather</u>. Dull, cloudy, light SSE breeze, Clouds 20-90 percent (cold) Sorting Uvea spirit material, repairing camp and unpacking gear. Birds active early in day, but when cold snap 1 P.M. became quieter. Shower late in day. Active after shower (3 P.M.)

> Saw one <u>Circus</u> (immature). Saw only <u>Collocalia</u> <u>esculenta uropyginalis</u>. Found one <u>Lichmera</u> nest in dark leaved tree in open clearing in village area. 10 feet above ground, well hidden, 2 young about 4 or 5 days old (stub feathers) Will call this Observation Nest No. 1. Saw two <u>Rhipidura verreauxi</u>. All close about camp. Note bird life more abundant than Uvea and 4 times more so than Mare Island.

## Saturday, 2nd July 1938

Weather. Cloudy, overcast, light N airs, clouds 80-100%.

Seeing resident about employing boys, gendarme, mayor and all the other czars and straightening out affairs.

While waiting for resident to rise from his virtuous (?) couch and open office 8 A.M., went shooting close about camp. Saw 2 <u>Accipiter</u>, 1 <u>Hypotaenidia</u>, many <u>Rhipidura</u> (very common natives say, only one species present) a few <u>Coracina</u>, many <u>Aplonis</u>, many <u>Pachyaphala</u> calling, appears same as Uvea in field, a few <u>Erythrura</u>, number of Halcyon, a few <u>Collacalia</u> <u>leucop</u>. <u>spod</u>. and many Coll. esculenta uropyg. A few Gerygone, 1 <u>Myzomela</u>,

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iserior. Dull, cloudy, light the brance, linude 20-30 percent (cold) Sorting lives spirit estacial, repairing come and unpaching gent. Wirds a live actly in day, but when coldanap 1 f.H. became quicter. Shame lets in day. Active siter shower (5 f.4.)

Sam one <u>Liveus</u> (Lemeters). Sam univ <u>Colloratia</u> <u>esculants accovatedia</u>. Found one <u>Liveur</u> meet in dark lauved tota in open classing in village area. 10 feet above prouve, well bidden, 2 young shout & er S dave old (stub feetmers) Will est this deservation Heat No. 1. Sam two <u>Miplikirs versaousi</u>. All store about tore. note hird live mere ebundant them twee and & cimes more on them where talend.

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estine. Claury, overcast, light a wire, claude 50-1005.

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many Lichmera. Heard a few <u>Cacomantis</u> and <u>Chalcities</u> calling, saw many <u>Lalage</u>.

4.

Will skin a few shot if time after seeing resident, gendarme, etc., the czar of Russia, shah of Persia, and any other notables present.

# Sunday, 3rd July 1938

<u>Weather</u>. Rain previous night. Fine, clear, sunny, light NW airs, clouds 20-30%.

Noted usual run of birds, 1 <u>Accipiter</u>, 2 <u>Philemon</u>, 1 <u>Columba</u>.

## Monday, 4th July 1938

- Weather. Fine, sunny, cloud, light to fresh SE, clouds 60-70%.
- Bush. Garden lands and low scrubs, coconuts, etc.
- Birds. Usual run seen, Erythrura fairly numerous in gardens, 3 Zosterops fairly common but shy, Coracina 2 seen, 1 Philemon heard, numbers of Pachycephala heard. Few Gerygone, 1 Chalcities seen. Hypotaenidia seen and heard. Ptylinopus greyi 1 seen, Lichmera very common, a few Halycon seen, Aplonis common, 2 Rhipidura seen, Lalage a few seen. Examined Lichmera nest during past 24 hours, 1 juvenile has disappeared. Remaining one is large stubs bursting (? cuckoo).
- Sk. 316 Zosterops flav. minuta of 1 repose white

<u>Iris</u> brownish pale greyish (has line in centre greyish). WAHCHU-MANDAH <u>Bill</u> pale dark horn, blackish tip (upper M) pale white horn dark(lower mand.) streaks <u>Leqs</u> and <u>feet</u> pale greyish slate with yellowish tinge, or dark (greyish) flesh with yellow tinge. <u>Shot</u> 8 A.M. <u>Wt</u>. 7.9 grams <u>W</u>. 54 <u>T1</u>. 41 <u>Moult</u> vent belly <u>o</u> <u>Stm</u> <u>1</u> insects <u>8</u> and interest a few comparies and contributed

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Sk. 3	317	Anous $9 \frac{1}{4}$ (imm.)
		Caught perching for nigh on rock cliffs of island. A few nest on the island, principally in the E and south and NE of island where population is scarce. Iris dark brown <u>Bill</u> black <u>Legs</u> and <u>feet</u> blackish tan <u>Caught</u> 2 A.M. <u>Wt</u> . 72 grams <u>W</u> . 219 <u>T1</u> . 108 <u>Stm. o</u> empty <u>Skl</u> . <u>3</u> ossified
		0 4
Sk. 3	318	Zosterops inornata of 1 - white imm. 2 SEA-MAI-KOO-TAH CINA-KOO-TAH <u>Iris</u> reddish brown <u>Bill</u> upper black, lower white horn, darker tip. <u>Legs</u> and <u>feet</u> in life warm pink flesh, in death, yellowish orange flesh.
		Shot8 A.M. $\underline{Wt}$ .25.75 grams $\underline{W}$ .72 $\underline{T1}$ .50Moultneck, chin oAbr. $\underline{M}/T$ N.TL covs o $\underline{W}$ :R16, L16Stm.1pineapple $\underline{Sk1}$ .22 $\underline{Sk1}$ .2ossif.
		2 3
Sk. 3	19	GerygoneQ1- reposeFET-TI-G002FETI-G00same as goodIrisreddish brownBillblackLegsandfeetblackLegsandfeetblack
		Shot7 A.M.Wt. 5.8 gramsW. 54T1. 41Moultunders $o$ Abr.W/T N.Stm.3 minute insectsSkl.Comp. ossif.
Sk. 3	20	Coracina Q 1 - OVSE imm HAD LOU
	20	Coracina 9 <u>1</u> - OVSE imm. HAR-LOW 2
		<u>lris</u> yellow <u>Bill</u> dark horn (nearly black) <u>Legs</u> and <u>feet</u> black
		Shot 8 A.M. <u>Wt</u> . 134.5 grams <u>W</u> . 177 <u>T1</u> . 148
		Moult TL covs M Abr. W/N rump M back C T/S
		crown o few
		all unders <u>o</u> few
		<u>Stm. 1</u> yellow fruit and beetles (beetles few in fruit)
		<u>Skl.</u> 1 ossif.

5.101

Pachycephala of 1 white - adult plumage Iris reddish brown Bill black Legs and feet flunbous (?) Shot 8:30 A.M. <u>Wt</u>. 42.8 grams <u>W</u>. 105 <u>T1</u>. 76 Abr. W/T N. Moult Nil Skl. Comp. ossif. Stm. 1 molluscs insect 1  $\frac{\text{Aplonis}}{2} \circ \frac{1}{2} - (\text{RT } \frac{1}{2} - \text{white LT } \frac{1}{2} + \text{stone grey})$   $\frac{2}{2} = 2 \qquad 2 \qquad \text{ZE=AH-KA-TAKE}$ Sk. 321 Iris crimson orange Bill black Legs and feet black Shot 12 A.M. Wt. 78.2 grams W. 116 T1. 66 Moult Nil Abr. W/N T/VS Stm. 1 snails 2 Skl. Comp. ossif. <u>Zost</u>. <u>flav</u>. <u>minuta</u>  $\stackrel{\circ}{1}$  - white (repose) Sk. 322 Iris pale muddy gold Bill darkish horn and streaky lower M dark horn, darker tip Legs and feet pale dusky slate or flesh Shot 6-8 A.M. <u>Wt</u>. 9.1 grams <u>W</u>. 57 <u>T1</u>. 41 Moult Nil Abr. W/T N. <u>Stm. 1</u> insects, fruit <u>Skl</u>. Comp. ossif. 4 Sk. 323 <u>Zost</u>. <u>lat</u>. <u>mel</u>. <u>of</u> <u>1</u> - white (repose) 2 Iris brown Bill U.M. black or dusky horn lower m pale horn, dark streaks Legs and feet greyish flesh Shot 8 A.M. <u>Wt</u>. 14.6 grams W. 65 T1. 52 Moult nape o Abr. W/N cheeks, crown o <u>Stm. 1</u> vine berries Skl. Comp. ossif. 4  $\frac{\text{Halcyon}}{2} \circ \frac{1}{2} - \text{white (repose)}$ Iris brown bill black and white horn legs and feet nigger brown Damaged skinning Moult TL. L. 1, 2 Abr. W/T N. nape <u>m</u> all unders o Stm. l insects <u>Skl.</u> 9 ossif. 2 10

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# Tuesday, 5th July 1938

- Weather. Dull, cloudy, overcast, little sun, strong N and NW wind, thunder, clouds 60-80-90%.
- Bush. Low scrubs, gardens and forests.
- Usual run seen, 1 Circus, numerous Z. inornata about Birds. gardens. Chalcities common. Zosterops rarely in flocks of 3 species, Z. lat. and Z. flav. often in same mob. Usually Z. inornata singly or in pairs or up to 4 (easily confused with Lichmera) Z. lat. flocks up to half a dozen. Z. flav. flocks up to 20 generally about a dozen. This species seems more insectiverious than the other 2. Searched forest for Turdus, none seen or heard. Note domestic cats gone wild are fairly numerous about Chepenehe and natives say these have made Turdus scarce. Said to be common elsewhere. So far Cacomantis does not seem as common as other islands. Pachycephala very common but have not seen a single 2 believe they are at present nesting. Note Collocalia leuc. spod. is commoner inland than on the coast. Erythrura common about gardens only rare in forests. Myzomela absent in gardens and coconuts but present in forests. Lichmera the opposite. There may be a forest rail present but it may be P. cininera tannensis from native descriptions.
- Sk. 324 <u>Myaqra</u> of <u>1</u> white (repose) (of ad. plumage) 2 GIGI WHANDI GI-GI-WHA-DI <u>Iris</u> brown <u>Bill</u> blue horn, dark edges <u>Legs</u> and <u>feet</u> dark blue black <u>Shot</u> 8:30 A.M. <u>Wt</u>. 12.45 grams <u>W</u>. 72 <u>T1</u>. 63 <u>Moult</u> Nil <u>Abr</u>. W/T N. <u>Stm</u>. <u>1</u> insects <u>Skl</u>. Comp. ossif.

Sk. 324A <u>Myagra</u> 9 <u>3</u> OSE (clear oocytes) rising 9 plumage. <u>4</u> Same as of for native name. Soft parts as for of ad. <u>Shot</u> 8:30 A.M. <u>Wt</u>. 12.1 grams <u>W</u>. 72 <u>T1</u>. 63 <u>Moult</u> Nil W.L (x) <u>Abr</u>. W/T N. <u>Stm</u>. <u>3</u> insects <u>Skl</u>. Comp. ossif. <u>4</u> Possibly mate with above (Sk. 324) 7.

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ALL AND MARKEN I - WARTER (respond 1/ al. slawing) Sill angel Si

the same as for a site and the same is a site of the second site and the second site a

Sk. 325 Coracina 9 1 + Iris lemon yellow bill black legs and feet black 
 Shot
 6:30 A.M.
 Wt. 134.1 grams
 W. 189
 T1. 154

 Moult
 TL. R5
 Abr. W/N
 T/S uppers <u>o</u> unders <u>o</u> Stm. 1 large gecko lizard, small black beetles 1 Skl. Comp. ossif. Sk. 325A <u>Aplonis</u> of  $\frac{1}{2}$  - (LT black  $\frac{1}{2}$  + RT white  $\frac{1}{2}$  -) 2 2 Soft parts usual. Shot 7 A.M. Wt. 71.2 grams W. 115 T1. 64 Moult Nil Abr. W/T Nil <u>Stm. 1</u> large vine berries <u>Skl</u>. Comp. ossif. WAHNUNU native name Sk. 325B Lalage 9 1 Iris brown Bill black Legs and feet black Shot 6:30 A.M. <u>Wt</u>. 20.9 grams <u>W</u>. 85 <u>T1</u>. 74 Moultrump, back nape cAbr. W/Ncrown o all unders oT/FStm 1 caterpillars (small)Skl. Comp. ossif. 4 Sk. 325C Lichmera of 1 white Iris muddy pale gold Bill black Legs and feet dark blue slate (art. light?). Shot 6:30 A.M. Wt. 16.8 grams W. 73 T1. 62 Moult nape, crown o Abr. W/T N. all uppers c unders o <u>Stm. 1</u> insects 4 <u>Skl</u>. Comp. ossif. Sk. 325D Zost. flav. m. 9 1 - imm. Iris hazel Bill brownish dark horn and white horn Legs and feet dark blue slate (art. light) Shot 6:30 A.M. (dawn) Wt. 7.95 grams W. 52 T1. 40 Moult Nil Abr. W/T N. Stm. o empty Skl. 1 ossif. 0 2

Shot 7 A.H. VI. 71.2 unues M. 111 71. M. Mault Mil Ster 1 large vine barries Shi. Com. Iris brown Mill Stack wars work fact black blue slath (ort. light). .Times .comol .lit

The Late

# Wednesday, 6th July 1938

Weather.	Fine, sunny, light SE airs, clouds 40-20-30%	
Bush.	Garden lands, low scrub, forest.	
<u>Birds</u> .	Usual run seen. A few <u>Erythrura</u> heard in forests. Note <u>Chalcophaps</u> is much commoner on Lifu than on Uvea and very much more common on Uvea than Mare Island. Saw 12 <u>Frigata</u> over camp, too high for clear identification. Noted <u>Artamis</u> congregating at sundown to feed on hatch of flying ants.	
Sk. 326	$\frac{\text{Rhipidura}}{2} \begin{array}{c} 2 \\ \hline 1 \\ \hline 2 \end{array}  \text{ENI-AH-NAH - native name} \\ \hline \\ \frac{1 \text{ ris}}{2} \\ \hline \\ \frac{1 \text{ ris}}{2} \\ \frac{1 \text{ shown}}{2} \\ \hline \\ \frac{1 \text{ Bill}}{2} \\ \frac{1 \text{ black and white horn}}{2} \\ \hline \\ \frac{1 \text{ comparison}}{2} \\ \hline \\ \frac{1 \text{ comparison}}$	
	Shot         6:30         A.M. (dawn)         Wt.         9.4 grams         W.         70         T1.         82           Moult         Nil         Abr.         W/T N.           Stm.         1 insects         Skl.         Comp. ossif.	
Sk. 326A	$\frac{Myagra}{2} \stackrel{\text{Q}}{=} \frac{1}{2} - \text{probably hasn't bred yet.}$	
	Iris       brown       Bill greyish brown dark horn, darker tip and sides         sides       Legs and feet bluish black         Shot       6:30 A.M.       Wt. 12.1 grams       W. 69       T1. 64         Moult       W.R. (x)       Abr.       W/S       T/F         Nil       Stm.       1 insects       Skl.       Comp. ossif.	
Sk. 326B	$\begin{array}{c c} \underline{Rhipdura} & \sigma' & \underline{l} & \text{white} \\ \hline 1 & & \\ \underline{Shot} & 7:30 & A.M. & \underline{Wt}. & 12.2 & \text{grams} & \underline{W}. & 75 & \underline{T1}. & 85 \\ \underline{Moult} & & Nil & & \underline{Abr}. & W/T & N. \\ \underline{Stm.} & \underline{3} & \text{insects} & & & \underline{Skl}. & \text{Comp. ossif. ? (x)} \end{array}$	:)
Sk. 326C	Aplonis $\sigma' = 1 - repose$ (LT white RT black)Soft parts usualShotShot8:00 A.M.Wt.72.9 gramsW.113T1.67Abr.MoultStm.12	

105

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the second stands, win is about posts and a second

- strin. foreign lands, ins acrob, forest.
- Mirds. Manual run zonin. A few <u>Leainparent</u> heard in formats. Merin <u>Chalgeothems</u> is each sementer on tille them on Hear and very much more common on these than more follows. Som is <u>frients</u> over comp, the high for clear identification. Noted <u>Artanis</u> componenting at automore to feat an initch of Flying arts.

  - ik. 3264 <u>Brown</u> V.1 analogic bound train yet.
    in this provide brown All credit brown that horn, there is a side bound being and from block bloc
- The 3248 Mindars of Lobits The 3248 Mindars of Lobits Shot 7:30 A.M. Mr. 12.2 grame M. 25 Th. 85 Mar. 11 Mar. 17.4 (c) 315. 2 Mar. 17 Mar. 18. 2 Mar. 19. 10
  - in. make subsets of 1 reacts (br shits of stand for sorre usual fine 5100 s.H. 15. M.J press (. 11) 11. 57 fine 1 such The 1 such The 1 such

Sk.362E <u>Myagra</u> of 1 - white - repose. of plumage ad. <u>Shot</u> 9 A.M. <u>Wt</u>. 13.5 <u>W</u>. 75 <u>T1</u>. 68 Moult TL. (x) covs o Abr. W/T N. rump <u>o</u> <u>Stm. 1</u> beetles, insects <u>Skl</u>. Comp. ossif. 1 Sk. 362F <u>Coracina</u> of <u>1</u> - repose (black) 2 Soft parts usual. Shot 12 Noon <u>Wt</u>. 145.6 grams <u>W</u>. 190 <u>T1</u>. 155 Moult back, nape crown o Abr. W/V.S. unders o scattered T/F Stm. 1 banyan figs Skl. Comp. ossif. 1 Sk. 326G <u>Myzomela</u> of <u>3</u>+ white. Native name THULU-MUNDY 4 Iris dark brown Bill, legs and feet black Shot 4 P.M. <u>Wt</u>. 9.5 grams <u>W</u>. 62 <u>T1</u>. 43 Moult Nil Abr. W/T N. <u>Stm 1</u> insects, nectar <u>Sk1</u>. Comp. ossif. 1 Sk. 326H Zost. flav min of 1 white 
 Shot
 4
 P.M.
 Wt.
 9.5
 grams
 (?)
 W.
 55
 T1.
 42

 Moult
 Nil
 Abr.
 W/T N.
 Abr. W/T N. <u>Stm. 1</u> insects and a few chil seeds <u>Sk1</u>. Comp. ossif. Sk. 326J Zost. flav. min. of 1 - white Shot 4 P.M. <u>Wt</u>. 9.3 grams (?) <u>W</u>. 56 <u>T1</u>. 43 Moult all unders oAbr. W/T N.Stm. 3 insects, beetlesSkl. Comp. ossif. 4 Sk. 326K Zost. flav. min 9 1 -Shot 4 P.M. <u>Wt</u>. 8.5 grams (?) <u>W</u>. 55 <u>T1</u>. 40 Moult TL. L.1 (x) Abr. W/T N all unders o Stm. 3 insects <u>Skl</u>. Comp. ossif. 4

Sk.	326L	<u>Chalcophaps</u> ♀ <u>1</u> + OME breeding patch. Diam. largest
		oocyte 6 mm.Native name MELE-MULANVery fat.Irisred brown ?bare skin dark red eyelid.Billpale corn red and deeper brick red.Legs and feetscarlet red.Shot10 A.M.Wt. 232.5 grams ?W. 142MoultNot examinedAbr.W/T mixed average SStm.1 seeds and berriesSkl.9 ossif.l crop, seeds and berries10
Sk.	326M	Aplonis 9 <u>1</u> - repose
		Shot10 A.M. $\underline{Wt}$ .68.3 grams $\underline{W}$ .110 $\underline{T1}$ .60Moultneck, chin onape cAbr. $W/N$ Stm.32 large snails $T/S$ 4Skl.Comp. ossif.
Sk.	326N	Aplonis 91 -
		$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$
Sk.	3260	$\frac{\text{Artamus } 9}{2} = (\text{repose})$
		<u>lris</u> brown <u>Bill</u> blue black tip <u>Legs</u> and <u>feet</u> bluish black (dark)
		Shot         5:30 P.M. Sunset         Wt. 40 grams         W. 130         T1. 66.5           Moult         Nil         Abr. W/T N.           Stm. 1         flying ants         Skl. Comp. ossif.
		Very fat. Many others about in flight feeding also.
		Thursday, 7th July 1938

H.

Weather. Fine, sun and cloud fresh ESE breeze. Clouds 60%.

Bush. Tall forest and low scrubs, garden land, etc.

Birds. Saw 1 Accipiter. Shot 3 Coracina all juveniles, Note Zosterops inornata are generally in pairs, inhabiting lower vegetation of forest, similar to and often with Zosterops lateralias. Have not yet heard them call like Pachycephala (layard) but have heard a low squeaky chirp. Pachy has many calls and mimes to a certain limited extent but I take it layard ment the principal loud call they give.

second - 1 8 similar sett . .. Vary fat. Low others shout in Flight fashing size.

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Hinds. Som i Accimitent. Shat I mention att juramilles, Matta Mesterone instructs are menerally in matra, inhabiting Mesterone interacts are menerally in matra, inhabiting Mesterone interaction of former, similar to and often with Mester restantion. Summary interacts the structure often. Summary and same sails and sime to a sector itatest enters are some sails and sime to a sector itatest enters are some sails and sime to a sector itatest enters are some sails and sime to a sector itatest enters are some sails and sime to a sector itatest enters are some size.

Sk.	326P	Zosterops inornata $9\frac{1}{2}$ - (risin	ng) O.V.S.E.
		<u>Iris</u> reddish hazel <u>Bill</u> black ho <u>Legs</u> and <u>feet</u> pale salmon <u>Shot</u> 8 A.M. <u>Wt</u> . 20.3 grams <u>Moult</u> W.L. 15 <u>Stm</u> . <u>1</u> banyan figs 1	
Sk.	326Q	Zost. inor. of 1 - white Soft parts as above. Shot same to Shot 8 A.M. Wt. 23.35 grams W Moult Nil Stm. 1 banyan figs 2	
Sk.	326R	<u>Zost. inor</u> . $\sigma \frac{1}{2}$ - white <u>2</u> <u>Shot</u> 4 P.M. <u>Wt</u> . 22.85 grams <u>Moult</u> TL (x) <u>Stm</u> <u>1</u> fruit residue <u>4</u>	<u>W. 74 <u>T1</u>. 51 <u>Abr</u>. W/T N. <u>Skl</u>. Comp. ossif.</u>
Sk.	3265	Hypotaenidia of 1 - white (LT 1 1 1 Iris red <u>Bill</u> red and dark redd pale nigger brown.	
		Shot from skinning table in camp, about camp and native gardens. N Shot 4:30 P.M. <u>Wt</u> . 212 grams <u>Moult</u> nape, neck <u>m</u> <u>Stm. 1</u> insects, molluscs, seeds 2	ative name THUN or THOON. <u>W</u> . 132 <u>T1</u> . 61 <u>Abr</u> . W/T N.
Sk.	326T		<u>W. 116 T1</u> . 67 <u>Abr</u> . W/T N. <u>Skl</u> Comp. ossif (?)
		Lalage 9 1 - 2	
		<u>Shot</u> 9 A.M <u>Wt</u> . 22.6 grams (?) <u>Moult</u> rump <u>o</u> lower back <u>a</u> upper back <u>c</u> nape, crown <u>o</u> all unders <u>o</u> to <u>c</u> <u>Stm.</u> <u>1</u> fruit	<u>W.</u> 88 <u>T1</u> . 79 Abr. W/T S <u>Skl</u> . Comp. ossif.
		2	

. the former investor 9 1 - 19 there and the DE . IT IT DATE SAME SAME IN A DESC

Sk. 326U Lalage 9 1 -Shot 4 P.M. Wt. 22.8 gram(?) T1. W. Moult back, nape, crown m Abr. VS all unders <u>c</u> T/S Stm. 1 insects Skl. Comp. ossif. (?) shot

13.

Sk. 326V Myagra 9 1 + OVSE 9 plumage. Shot 4 P.M. <u>Wt</u>. 13.3 grams ? <u>W</u>. 71 <u>T1</u>. 62 Moult Nil Abr. W/T N. Skl. Comp. ossif. <u>Stm 3</u> insects 4

> 2 Rhipidura, 3 Zost. flav. shot but not skinned because of attack fever.

# Friday, 8th July 1938

Weather. Dull, overcast, cloudy, fresh E wind, clouds 60-80%.

Bush. Tall forest, low scrubs, garden lands.

Birds. No Zost. inornata seen. | Accipiter seen and shot. 3 juvenile Coracina and 2 adult shot.

 $\frac{\text{Accipiter}}{U} \stackrel{\sigma}{=} \frac{1}{4} + \text{white imm. Native name WHAK UN or}$ Sk. 326W WHA KOEN OR KON Iris yellow, bare skin eyelid yellowish green Cere green (pale) Bill blue and black horn Legs dull greyish yellow feet bright yellowish green. Shot 9 A.M. Wt. 269 grams W. 228 T1. 172 Moult back, nape o crown cAbr. W/M much color abrasionunders o x neck, chin cT/VM on body, tail & wings Stm. 1 lizards Very fat. Skl. Comp. ossif. 1

> N.B. Note in field Lifu bird all appear smaller. Is it possible they are a smaller race than elsewhere? Further material is necessary.

> > TI.

Sk. 326X Coracina of 1 black

2 <u>Shot</u> 9 A.M. <u>Wt</u>. 146.1 grams W. Moult TL covs o Abr. W/T N. Stm. 1 grasshopper Skl. Comp. ossif. 1

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dush. fail forest, for scrubs, gardan linds.

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1.1. Note in finit (190 aird all appender smaller, in it notathin they are a manifer room them sizes/strait curther meterial is incompletely.

Sk. 326Y Coracina 9 1 -2 Shot 7 A.M. Wt. 117.3 grams Moult TL R. l.L 4 covs <u>o</u> <u>Abr</u>. W/N rump, back <u>o</u> T/VS T/VS <u>Stm. 1</u> fruit (banyan figs?) <u>Skl</u>. Comp. ossif. 4 Sk. 326Z Zosterops lat. mel. of 1 imm. (pale trans. yellowish) Iris hazel Bill dark horn, brown tinge, white horn Legs and feet dark dusky flesh Shot 8 A.M. <u>Wt</u>. 14.8 grams <u>W</u>. 65 <u>T1</u>. 50 Moult TL covs o Abr. W/T.V.S. rump, back, nape <u>m</u> crown <u>c</u> vent belly, flank, breast <u>m</u> neck <u>c</u> chin <u>o</u> Stm. 1 fruit Skl. 1 ossif. 1 5 Sk. 327  $\frac{Myaqra}{2} \stackrel{\text{Q}}{=} \frac{1}{2} - \stackrel{\text{Q}}{=} p \text{lumage.}$ Shot 6:30 A.M. <u>Wt</u>. 11.85 grams <u>W</u>. 70 <u>T1</u>. 61 Moult TL covs m Abr. W/T N. Stm 1 insects Skl. Comp. ossif. 2 Sk. 327A <u>Myagra</u> of  $\frac{1}{2}$  + white of plumage. Same place as above. Shot 6:30 A.M. <u>Wt</u>. 13.6 grams <u>W</u>. 75 <u>TL</u>. 69 Moult Nil Abr. W/T N Stm. 3 insects Skl. Comp. ossif. 4 Sk. 328A Zost. flav. min. Sk. 328B Shot 6:30 - 12 AM (A) <u>Wt</u>. 10 grams (B) 9 ad. <u>3</u> Moult Nil 4 <u>Stm 1</u> fruit, seeds <u>Wt</u>. 9.2 grams 2 Moult Nil <u>Skl.</u> <u>4</u> ossif. 5 Stm. 1 insects 1 Skl. Comp. ossif.  $\frac{1}{4}$  + white

14.

# Saturday, 9th July 1938

Weather. Fine, sun and cloud, light NE airs, clouds 60%.

Sorting up skins.

and the state water a sub-training

weethers, show and should have not align the star, should be

. mills on pairon.

## Sunday, 10th July 1938

Weather. Close and muggy, light N airs, sun and clouds. Sudden change with rain squalls at 6 P.M. Cold SE wind, strong, clouds 100%.

### Monday, 11th July 1938

- Weather. Cold south east wind, odd showers, clouds 100%. Gloomy.
- Bush. Garden lands, low scrubs, tall forest.
- <u>Birds</u>. Birds very active in spit of wind and rain. Usual run seen. <u>Lichmera's</u> nest. Young ones well advanced, gulls beginning to open on the 10th, but some time after 10 A.M. a native robbed the young. (I believe a native by tracks). So this morning I took the nest as a specimen.

Irisdark brown?BillblackLeqsand feetpale tan flesh.Shot6:30 A.M.Wt. 14.15 gramsW. 59Tl. 42MoultW.R 16, 17 covs sec. oAbr. W/M outer prin.L. (x) 16TL/C consid. colourTL. L.5 covs mabrasion on body.rump oback m nape c crown ovent belly, flank oneck c chin oStm.1grass seeds2Skl.304unusual (?)

Sk. 329A <u>Erythrura</u> d <u>1</u> yellowish white

 Shot
 7:30 A.M.
 Wt. 12 grams
 W. 57
 T1. 44

 Moult
 rump o back m
 Abr. W/S
 T/N

 vent belly, back m
 breast, neck, chin o

 Stm.
 1 grass seeds
 Skl. 1 ossif.

 1
 3

Sk. 329B Zosterops inornata  $\begin{array}{c} \begin{array}{c} 2 \\ 1 \end{array}$  - repose Shot 10 A.M. Wt. 23.8 grams W. 725 T1. 50 Moult W.L. (x) Nil Abr. W/T. N. Stm. 1 seeds of cane vine, berries Sk1. Comp. ossif.

#### FRET WING PART , WALKING

budden change with rais spartly of the starts.

### The second state and second

anther. Cold south same bind, and showing, chande 10 ... bicame,

tend, terdes lands, ion serves, tail torest.

inde. Since very vertice in ante of what and rain. Manal van same. [idenury's near. Young reas with advanced, guilts beginning to open on the litt, but show time after 10 A.S. & mative cathed the young. [i believe a varies by tracks]. So this evening 1 took the test as a continue.

in 121 deringers of 1 +

L. (a) is running u.s. (b. 1) cover some. o T. (a) is running nuck p nuck g running went helly. filming nuck g ching Stm. 1 grung south Stm. 1 grung south

Stat 7130 and 1 velimites adigs Stat 7130 a.d. Mr. 12 press V. 57 TL Moult rame a back of Mar. Mr. 17 Stat. 1 press anals

Destances inverses 71 - reades Shot 10 4.4. Vr. 73.4 means 10.735 11. 50 neult v.L. (a) 111 Mar. 1 made of same view, barries 21. 00. 000. 00011.

Sk. 329C Zosterops inornata of <u>1</u> - white 2 Shot 10 A.M. <u>Wt</u>. 24.8 grams <u>W</u>. 71 <u>T1</u>. 48 Moult W. R. 8 <u>Abr</u>. W/T VS TL. L. 6 covs <u>m</u> back o neck, chin o <u>Stm.</u> <u>1</u> cane vine seeds, berries <u>Skl.</u> <u>2</u> ossif. Gerygone of <u>1</u>-4 Sk. 329D Iris reddish brown bill black horn legs and feet blackish 
 Shot
 11 A.M.
 Wt.
 6.5 grams
 W.
 52
 T1.
 40

 Moult
 nape
 O
 Abr.
 W/T N
 Moult nape o <u>Stm. 3</u> insects (ants) <u>Skl</u>. Comp. ossif. (verified correct) <u>4</u> Sk. 329E <u>Coracina</u> of <u>1</u> - black 2 Shot 6:30 A.M. <u>Wt</u>. 143.5 grams T1. Abr. W/N T/S Moult W.R. 15 all uppers <u>m</u> x rump, crown <u>o</u> venty belly, flanks m breast o Stm. 1 fruit Skl. Comp. ossif. Sk. 329F <u>Aplonis</u> of <u>1</u> - black LTV 2 Shot7:30 A.M.Wt. 73 gramsMoultNilAbr. W/T SStm.1 fruit berriesSkl. Comp. ossif. Sk. 329G <u>Zost</u>. <u>flav</u>. <u>min</u> 9 <u>1</u> + imm. (LTV) 4 Shot 12 Noon <u>Wt</u>. 9.3 grams Moult W.R. (x) 8 Abr. W/N T/VS Stm. 1 insects <u>Skl.</u> <u>l</u> ossif. 2 1 Sk. 329H Myagra of 1 - opaque yellowish. Wings badly damaged LTV. plumage. Shot 6:30 A.M. Wt. 12.75 grams W. 71 T1. 66 Moult Nil Abr. E/BHY/F some colour abrasion Stm. 3 insects <u>Skl</u>. Comp. ossif. 4

Sk. 3291 <u>Lichmera</u>  $\frac{3}{4}$  + white (LT  $\frac{1}{1}$  - RT  $\frac{3}{4}$ ) Iris muddy brown Bill black Legs and feet blue black slate Shot 8 A.M. Wt. 16.3 grams W. 72 T1. 57 Abr. W/S T/M Moult Nil Stm. 1 insects Skl. 4 ossif. 5 1 Tuesday, 12th July 1938 Weather. Dull, cloudy, showery, overcast, cold SSE wind, clouds 100%. Bush. All types. Birds. Exceedingly active in spite of showers and unpleasant wind possibly because of cold. Usual run seen. Sk. 330A Erythrura of  $\frac{1}{1}$  - yellowish white (LT  $\frac{1}{1}$  RT  $\frac{3+}{4}$ ) Shot 6:30 A.M. dawn Wt. 12.05 grams W. 58 T1. 41.5 Moult W.R. (x) Abr. W/S Nil T/N Stm.  $\frac{1}{4}$  grass seed Skl. Comp. ossif. Sk. 330B <u>Erythrura</u> \* + white (LT <u>1</u>+ RT <u>1</u> -) Shot 7 AM Wt. 12 grams W. 55 T1. 41 Abr. W/T N Moult Nil <u>Skl. 1</u> ossif. 3  $\frac{\text{Stm. } 1}{4} \text{ grass seeds}$ Sk. 330C Erythrura of 1 ++ yellowish white (8.5 X 5 mm.) recently used ? One of a pair feeding by themselves. 
 Shot
 7:30
 A.M.
 Wt.
 11.6
 grams
 W.
 54
 T1.
 43

 Moult
 W.R.
 1
 Abr.
 W/S
 Abr. W/S Ll, covs m T/F TL. L 5 all uppers o x crown all unders o Stm. 1 seeds <u>Skl. 9</u> ossif. 2 10

Sk. 330D Zosterops inornata 9 1 + Shot 11 A.M. Wt. 23.3 grams Abr. W/T VS Moult Nil Stm. 1 blue vine berries Sk1. Comp. ossif. 1 Sk. 330E Zosterops inornata of 1 white Shot 2 P.M. Wt. 24.3 grams Moult W.R. 9 covs sec. o Abr. W/T V.S. Stm. 1 seeds, fruit Skl. Comp. ossif. 1 Sk. 330F <u>Zosterops flav</u>. <u>min</u>. of <u>1</u> white (LT <u>3</u>+ RT <u>1</u>-) 1 4 1 Shot 7 A.M. Wt. 8.5 grams Moult Nil Abr. W/T N Stm. 3 small grub insects Skl. Comp. ocsif. (?) (x) 4 Sk. 330G Lalage of 1 black LTV Shot 10 A.M. <u>Wt</u>. 20.8 grams <u>W</u>. 84 <u>T1</u>. 72 Moult TL covs m Abr. W/N rump, back o nape, crown c T/S some colour vent belly, flanks o breast, neck, chin c <u>Stm.</u> 1 chili peppers  $\frac{1}{4}$ Skl. Comp. ossif. Sk. 330H Zosterops <u>lat</u>. <u>mel</u>. 9 <u>3</u> -Shot 8:30 A.M. Wt. 15.3 grams W. 63 T1. 48 Moult cheeks, crown m Abr. W/T N. neck, chin <u>o</u> Stm. 3 berries, fruit <u>Skl.</u> <u>l</u> ossif. 3 4 Sk. 3301 Zost. lat. of 1+ white Shot 4 P.M. Wt. 17.15 grams W. 63.5 T1. 48 Moult TL covs m Abr. W/T N. uppers o few 1 berries Stm. Skl. Comp. ossif. 1

Sk. 330 J Zost. lat. mel. of 1 white 2 Shot 4 P.M. Wt. 14.8 grams W. 65 T1. 50 Moult Nil Abr. W/T N Stm. o residue, fruti Skl. 4 ossif. o 5

# Wednesday, 13th July 1938

Weather. Dull, overcast, cloudy, light ESE wind, clouds 80-100%.

19.

Bush. All types, mostly low scrubs and garden lands

<u>Birds</u>. Usual run seen. <u>Chalcities</u> seems very common and calling much this morning. Note birds are not as active this morning, the weather being warmer.

Sk. 331A Erythrura  $\begin{array}{c} \begin{array}{c} 2\\ 4 \end{array}$ Shot 6:30 A.M. dawn Wt. 10.05 grams T1. <u>Moult</u> W.R. (x) Nil <u>Abr. W/M</u> T/N <u>Stm.</u> 1 grass seeds <u>Sk1.</u> 1 ossif. 3

Sk. 331B Erythrura of 1 yellowish white - flabby (badly infected with lice. Shot 6:45 A.M. <u>Wt</u>. 12 grams <u>Moult</u> TL R 2 deformed <u>Abr</u>. W/T N <u>Stm</u> 1 grass seeds <u>Sk1</u> 9 ossif. 10

Sk. 331C <u>Zosterops</u> inornata  $d' \frac{1}{2}$  - white <u>2</u> <u>Shot</u> 10 A.M. <u>Wt</u>. 23.8 grams <u>Moult</u> Nil <u>Abr</u>. W/T N. <u>Stm</u>. <u>1</u> wild grape (blue vine berry) <u>Skl</u>. Comp. ossif. <u>2</u>

Sk. 331D <u>Chalcities luc. lay.</u>  $d' \downarrow$  white (LT  $\underline{1}$ + RT  $\underline{1}$ -) 2 2 2 <u>lris brown</u>? <u>bill black legs and feet</u> dark blue black <u>Shot 8 A.M. Wt.</u> 18.55 grams <u>W.</u> 99.5 <u>T1</u>. 61 <u>Moult</u> W.R. 18 covs) L. (x) )  $\underline{O}$  T/M TL (x) <u>All uppers O</u> all unders O <u>Stm 1</u> caterpillars <u>Sk1</u>. <u>2</u> ossif. An and a man and a state of a sta

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  - A. The Lenders of relievish white Heatr Lady laters

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Sk. 331E Zost. lat. mel. 1 + (LT white RT black)2 <u>Shot</u> 8:30 A.M. <u>Wt</u>. 15.5 grams <u>Moult</u> W.L. 16 Abr. W/T N. TL RI LI back, nape, crown o all unders o X neck c chin m <u>l</u> seeds, fruit <u>Skl</u>. Comp. ossif. Stm. 2 Sk. 331F Aplonis  $9 \frac{1}{4} +$ Shot7 A.M.Wt. 69 gramsW. 107T1. 60MoultNilAbr.W/T FStm. $\frac{3}{4}$  fruitSkl. $\frac{3}{4}$  ossif. Sk. 331G Philemon 9 3- (?damaged) OVSE <u>Iris brown</u>, grey outer ring <u>Bill</u> black <u>legs</u> and <u>feet</u> black <u>Shot</u> 11 A.M. <u>Wt</u>. 69.8 <u>W</u>. 127 <u>T1</u>. 106 Moult W. sec o <u>Abr. W/T VS</u> TL (x) <u>Stm. 1</u> fruit seeds ? 4 <u>Skl. 9</u> ossif. 10 Sk. 331N Zosterops inornata of 1 - white Shot 1 P.M. Wt. 25.1 grams MoultW.R. 13Abr. W/T N.Stm.1seeds and berriesSkl.2 ossif.13 Sk. 3311 Zost. Inornata 9 1 -Shot | P.M. Wt. Badly shot about. Moult Nil Moult Nil Abr. W/T N. <u>Stm. 1</u> fruit vine Skl. Comp. ossif. 1 Sk. 331J <u>Aplonis</u> 9 <u>3</u> - OVSE 4 Shot 2 P.M. <u>Wt</u>. 67.8 grams Moult Nil Abr. W/T S Stm. 1 snail Skl. Comp. ossif. 2

Shot 7 A.M. <u>Wt</u>. 69 grams 5kl. 9 0591f.

# Thursday, 14th July 1938

<u>Weather</u>. Dull, cloudy, overcast, calm, northerly drift (warm) Clouds 100% up to 11 A.M. then showery.

Bush. Low scrubs, garden lands

Birds. All very silent, not active at all. Usual run seen.

Sk. 332A <u>Hypotaenidia</u> 3 + white 4<u>Shot</u> 8 A.M. <u>Wt</u>. 187 grams <u>Moult</u> W.L. 19, 20f, 21 <u>Abr</u>. W/VS TL. R.1, L. 1, 2 T/F all uppers <u>o</u> x back <u>c</u> all unders <u>o</u> X neck <u>m</u> <u>Stm</u>. <u>1</u> seeds, molluscs <u>Skl</u>. <u>1</u> ossif. <u>5</u>

Sk. 332B Zosterops inornata  $\begin{array}{c} \begin{array}{c} 2 \\ 1 \\ 2 \end{array}$ Shot 7 A.M. Wt. 22.4 grams Moult TL covs m Abr. W/N T/S W sec m Stm. 0 empty Skl. 4 ossif. 0 5

Retired with flu.

Rain commenced and set in steadily without break from 6 P.M. till 4 A.M.

# Friday, 15th July 1938

- Weather. Dull, cloudy, showery, light NE breeze, cold and close variable. Clouds 80-100%.
- Bush. Shot only in garden close to camp, too ill to go further.
- Birds. Usual common run about camp seen, mostly Lichmera and Zost. lat. min.

<u>Zost. flav. min</u>. <u>Shot</u> 6-8 A.M. Wt. 9.05 grams <u>Moult</u> Nil <u>Abr</u>. W/N T/S <u>Stm</u>. <u>Skl</u>.

### Thursday, 14th July 198

- (eather. Eall, cloudy, overcast, calm, northerly drift (ware) clouds 100% up to 11 n.M. then showery.
  - Bush. Low scrubs, gardan lands
- Birds. All very silent, not active at all. Usual run seen.

Sk. 332A <u>Hypotaenidia</u> of <u>3</u> + white <u>5hot</u> 8 A.M. <u>Wt</u>. 187 grams <u>Moult</u> W.L. 19, 207, 21 TL. R.I, L. I, 2 TL. R.I, L. I, 2 all uppers <u>0</u> x back <u>0</u> all unders <u>0</u> x mack <u>m</u> <u>5</u> 5

Asteroos inornata 9 1 Shot 7 A.M. Wt. 22.4 grams
 Moult TL cove m
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 Stm. o empty
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Retired with flu.

Asin commanced and set in standily without break from 6 P.H. till & A.H.

### Friday, 15th July 1938

- Vesther. Dull, cloudy, showery, light hE brazza, cold and close variable. Clouds 80-1005.
- lush. Shot only in gardan close to camp, too ill to so further,
  - Sirds. Usual common run about cimp same, mostly Lichmora and Zost. Int. min.

Short 6-8 M.M. Wt. 9.05 press Short 6-8 M.M. Wt. 9.05 press Stort 11 Stor Stor

### Saturday, 16th July 1938

Weather. Sun and cloud after night of rain, cold SE wind, clouds 60%.

In bed with flu.

# Sunday, 17th July 1938

Weather. Fine, sun and cloud, fresh SE breeze, clouds 40-60%.

Mail to Mayr. Log closed for posting.

# Monday, 18th July 1938

- Weather. Fine, sunny, calm, clouds 10%.
- Bush. All types.
- <u>Birds</u>. Usual run seen. Note on this cool,calm, clear morning <u>Chalcities</u> is calling very seldom, not at all before dew and damp was off the vegetation. Note <u>Erythrura</u> began flying and calling shortly before daylight, it was strong moonlight but only the very faintest lighting was beginning to show in the east but had not yet had any effect on the sourrounding darkness. <u>Lichmera</u> began calling before other birds, even <u>Erythrura</u> are stirring. <u>Zosterops</u> call and sing early but don't begin moving till some considerable time later, till daylight is established.

Sk. 333A Erythrura d' 1 + yellowish white Shot 6:30 A.M. dawn Wt. 12.1 grams Moult W.R. 16, L. 10, 16 Abr. W/T N TL. R. 1, 5, Li covs m All uppers m X rump c All unders m o few seeds (grass Stm. <u>Sk1. 9</u> ossif. 0 10 Sk. 333B Erythrura of 1++ white (10 X 6 mm.) RT slightly smaller Shot 6:30 A.M. (same shot as 333A) Wt. 12.9 grams Moult Nil Abr. W/T N. Stm. o few grass seeds Skl. 9 ossif. 0 10

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- Inds. Usual cum same. Marse on this selicity, alars mening inds. Usual cum same. Marse on this selices, and at all bafors dest and dams we all the restance daviight. It have a strong mension to the selice davies in the set of a my affect on the same will be only the one but he not yes had my affect on the same milling farmers. Linears bages calling before other birds, and my farmers attribut. Intervent call and they marks have farmers bein moving till some considerable time latter, till davies attained.

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M. 313A Prophysics of 1 - vailouish white
Shot 6:30 0.A. down M2. 12.1 gramm
Manii V.A. 10. 1. 10. 10
M. N. 1. 0. 10 cover
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M. 1. 10
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Sk. 333X Erythrura 3 - (LT + RT 3) white 4 4 Shot 6:45 A.M. Wt. 11.75 grams <u>Abr</u>. W/T V.S. Moult W.R. (x) Nil <u>Stm.</u>  $\frac{1}{4}$  grass seeds, conch grass <u>Skl.</u>  $\frac{1}{3}$  ossif. Sk. 333C Erythrura Imm. Blue just commencing on head, feet darker than usual. J 3+ yellowish white 4 Shot 6:45 A.M. (same shot as above, 333X) Wt. 11.95 grams Moultcrown, cheeks oAbr.W/T N.Stm.1 grass seedsSkl.1 ossif <u>Skl. 1</u> ossif. 4 4 Sk. 333D Zost. <u>lat</u>. <u>nig</u>. 9 <u>1</u> -2 Shot 7:30 A.M. <u>Wt</u>. 15.9 grams Moult W.R. 4, 11) L. 4, 11) sec. covs <u>o</u> few <u>Abr</u>. W/VS T/S upper back <u>m</u> nape <u>c</u> crown, cheeks <u>o</u> all unders o x neck, chin m l fruit <u>skl. 9</u> Stm 10 4 Sk. 333E <u>Accipiter</u> of <u>1</u>++ pinkish white, red veins (23 X 13 mm.) Iris yellow or golden Cere greenish yellow Bill black and blue horn Legs greenish dirty yellow (pale) Very fat. Shot 9 A.M. Wt. 308.5 grams W. 243 T1. 187 MoultNilAbr. W/S T/FSome colourStm.3 residue large rateabrasion, some body ab-<br/>rasion especially on chin. Skl. Comp. ossif. Sk. 333F <u>Aplonis</u> of <u>1</u> - white 2 Shot 7 A.M. <u>Wt</u>. 76.3 grams <u>Moult</u> Nil Abr. W/T N <u>Stm.</u> <u>3</u> berries, fruit <u>4</u> Skl. Comp. ossif. Sk. 333G Philemon 9 3 4 Shot 9:30 A.M. <u>Wt</u>. 63.75 grams <u>W</u>. 123 <u>T1</u>. 107 Moult Nil Abr. W/T N. Stm o empty Skl. Comp. ossif. 0

Sk. 333H <u>Gerygone</u> 9 <u>1</u> - 2	
Shot 9:30 A.M. Wt	
<u>Moult</u> TL. L lf, 2f all unders <u>o</u>	, 51 <u>AUT</u> . W/ I N.
<u>Stm</u> . <u>1</u> insects 2	<u>Skl</u> . Comp. ossif.

24.

# Tuesday, 19th July 1938

Weather. Fine, clear, sunny, light SE breeze, clouds 10-20%.

- Bush. All types.
- Birds. Saw a native with a <u>Columba</u> with a very even broad white band across the tail, some ablanistic feathers, under tail coverts were white washed with blue and upper tail coverts were mottled blue and white. The white band across primaries occupied from about 2/3 of the way down the tail to within 1/5 from the end of the tail. All other parts, wing, etc. seemed quite normal. Saw 1 <u>Accipiter</u> on wing and shot it. (prob. d ad.) but failed to find it in dense low scrubs bordering the track. <u>Pachycephala</u> inhabits forests and low scrubs indiscrimately. Calls much and is much heard but is very shy and hard to shoot, stops calling on approach of shooter and cannot be lured closer or got to answer without difficulty.
- Sk. 334A Pachycephala of 1- white

Irisdeep brown.BillblackLegsandfeetplumbous (?)(warm but darkish nigger brown)Shot 6:30 (grey dawn)Wt. 43.1 gramsW. 101T1. 72MoultNilAbr. W/TV.S.Stm. oemptySkl.oOSkl.

Sk. 334B <u>Pachycephala</u> of <u>1</u>+ yellowish white  $(LT \underline{1} - RT \underline{3} -)$ Bill shot damaged. Has lice. <u>Shot</u> 7 A.M. <u>Wt</u>. 41.3 grams <u>W</u>. 103 <u>T1</u>. 75 <u>Moult</u> Nil <u>Abr</u>. W/T Nil <u>Stm</u>. <u>1</u> molluscs <u>Sk1</u>. Comp. ossif.

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inte. Some a mative with a <u>folgeter</u> with a very aven broad with band across the tail, some dissistic frathers, under tail coverts were noticed blue and white. The abits hand enverts were noticed blue and white. The abits hand stra call to alched 1/2 from the and of the call. All other parts, wing, stor, seemed suits normal. Les 1 <u>Accipiter</u> on wing and abor it. (prob. of white built <u>Accipiter</u> on wing and abor it. (prob. of white built <u>Accipiter</u> on wing and abor it. (prob. of white built <u>Accipiter</u> on wing and abor it. (prob. of white built <u>Accipiter</u> on wing and abor it. (prob. of white built <u>Accipiter</u> on wing and abor it. (prob. of white built <u>Accipiter</u> on wing and abor it. (prob. of white built <u>Accipiter</u> on wing and abor it. (prob. of white built <u>Accipiter</u> on wing and abor it. (prob. of white built <u>Accipiter</u> on wing and abor it. (prob. of white built <u>Accipiter</u> on wing and abor it. (prob. of white built <u>Accipiter</u> on wing the serve a law is acrubed indigter and the bails to stand, and is much based but is yery about the bails to stand, and is much based but is yery attimut diffication.

Irin Ares brown. 2111 black Larg and feet plusions ( barrs but darbitan alogent brown) The 5:30 (pres dawn) M. SI.I grann V. 101 H. Fr soute MI 510. 9 smaty 510. 9 smaty

Sk. 334C Rhipidura spil. ver. J 1++ white (full breeding) 1 Shot 6:30 A.M. dawn <u>Wt</u>. 12 grams Abr. W/T N. Moult Mil Skl. Comp. ossif. <u>Stm. 1</u> insects 4 Sk. 334D Lalage of <u>1</u>- white (repose) Shot 8:30 A.M. Wt. 23.5 grams W. 88 T1. 78 Moult W.R. 13f Abr. W/T N. L. sec o rump <u>o</u> back, nape, crown c all unders <u>o</u> <u>Stm 1</u> praying mantis, <u>Sk1</u>. Comp. ossif. l banyan fruit (figs) Sk. 334E Lalage 9 1 Shot 9 P.M. Wt. 23.9 grams Moult all uppers o to c increasing Abr. W/N rump to crown. vent, neck, chin o T/VS <u>Stm. 1</u> fruit (banyan) <u>Skl</u>. Comp. ossif. 4 Sk. 334F Aplonis of 1 - black Transition phase. N. Reg. 4 Shot 8:30 A.M. Wt. 68.7 grams Moult Nil Abr. W/T V.S. <u>Stm.</u> <u>o</u> empty Skl. Comp. ossif. 0 Sk. 334G Lichmera 9 1 ++ OVME breeding patch. Gape soft yellowish. Shot margin scrubland forest and coconuts few. Shot 8 A.M. <u>Wt</u>. 12.8 grams Nesting. Moult Nil MoultNilAbr. W/VST/FStm.1insect (nectar?)Skl.Comp. ossif. 4 Sk. 334 H Zost. lat. mel. Н <del>2</del> <u>-</u> <u>4</u> Sk. 334 J J 9 <u>1</u>- repose 2 Shot 7-10 A.M 7-10 A.M. Wt. 13.4 grams 16.8 grams Abr. W/T N. W/T N. Very fat Moult Nil NIL Stm. o empty <u>l</u> banyan figs 0 1 Skl. Comp. ossif. Comp. ossif.

17 .IT 86 .W emery 2.12 .m. A 05:10 mil IN TW . Sells N.R. 137 NOT MARK & ALMON Sem 1 preilog mentle, 541. fono. carif. Alla Doma, card . fine [ Insuch (mechant)

### Wednesday, 20th July 1938

26.

- Weather. Fine, sun and cloud after showers previous night. Gusty strong SE wind, clouds 60%, 9 A.M. 20%.
- Bush. All types.
- Birds. Usual run seen. Zost. inornata heard giving a low "chip chip" call but with a rather musical bell like sound. Several of Pachy seen but not a single Q plumage. Lalage is evidently a nester over a long season. 2 shot, both of ad. in heavy moult. One was with the whole tail in moult, all very short and apparently at one stage, possibly from an accident and the rest as the following specimen given. (L. R 1, 2, L. 1, 2, 4, 5) covs m back, nape, crown consid. All unders o x chin c. Abr. W/NT S-N. both of 1/2+ black, both LT slightly larger
- Sk. 335A <u>Pachycephala</u> of <u>1</u>+ white Native name THU-THU <u>Shot</u> 7 A.M. <u>Wt</u>. 41.8 grams <u>W</u>. 102 <u>T1</u>. 74 <u>Moult</u> Nil <u>Abr</u>. W/T N. <u>Stm</u>. <u>1</u> large tree cricket <u>Skl</u>. Comp. ossif.
- Sk. 335B <u>Pachycephala</u> of <u>1</u>+ white <u>2</u> <u>Shot</u> 7:15 A.M. <u>Wt</u>. 42.7 grams Very old by bone formation. <u>Moult</u> Nil <u>Abr</u>. W/T N. <u>Stm</u>. <u>3</u> molluscs, spiders <u>Skl</u>. Comp. ossif.
- Sk. 335C Pachy. of  $\frac{1}{1}$  + white (10 X 7 mm.) Shot 7:15 A.M. <u>Wt</u>. 43 grams <u>Moult Nil</u> <u>Abr</u>. W/T N. <u>Stm</u>.  $\frac{1}{2}$  molluscs <u>Skl</u>. Comp. ossif.
- Sk. 335D <u>Pachy</u>. of <u>1</u> white Shot damaged. <u>Shot</u> 7:30 A.M. <u>Wt</u>. 42.2 grams <u>Moult</u> Nil <u>Abr</u>. W/T N. <u>Stm</u>. <u>1</u> molluscs, insects <u>Skl</u>. Comp. ossif.

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Sirds. Usual con seem. Gerg, increase board diving a last "able ship" call bur with a rather master oalt file seems. Saveral & Orege seems but not a single 2 clumper, island is soldenily a namine over a immersen. S abor, with is soldenily a namine. Doe was with the whole tail in most, all very short and apparently at one stage, most, all very short and apparently at one stage, possibly from an assident and the rest as the fullation spectam given. (t. X 1, 2, 1, 1, 2, 4, 5) cover backs more, origin anneits. All unders go this chiracter with 5.8. both d'i/2e black, both the silently browsed.

ik. 1324 <u>Machermonals</u> of posite Mariya name 100-740 <u>Shut 7 A.H. Mt. M. etc. 103 11. 30</u> <u>Monte Mil</u> <u>Mar. 207 08.</u>

in. 1158 Pacingcontails of is shirts

Mout Vils A.A. Mt. 10.7 prome Very old by some forestion.

Stars Stars of L + white (10 & 2 mm.) Stars 7:15 A.M. Mr. 45 gramm Stars 7:15 A.M. Mr. 45 gramm Stars W/ H. Stars L moltance

The Strong Party of 1 - white the deserved.

Sk. 335E Coricina 9 1 -Shot 8 A.M. Wt. 131.2 grams rump m breast o Moult TL. L 5 Stm. 1 grasshopper, beetles Skl. Comp. ossif. Sk. 335F <u>Zost</u>. <u>lat</u>. <u>mel</u>. of <u>1</u> - white Shot 4 P.M. <u>Wt</u>. 14.2 grams Moult<br/>Stm.W.L. 5Abr. W/T N.Stm.1chili peppersSkl. Comp. ossif. 2 Sk. 335G Zost. <u>lat. mel</u>. 9 <u>3</u> + OVSE 4 Shot 8 P.M. Wt. 15.7 grams Moult W.R. 16, L 16 <u>Abr</u>. W/T N. TL covs o nape, crown o <u>Skl</u>. Comp. ossif. Stm. o empty 0 Sk. 335H <u>Zost</u>. <u>lat</u>. <u>niq</u>. of <u>1</u> + white 4 <u>Wt</u>. 17.5 grams <u>Abr</u> Shot 4-5 P.M. Moult Nil Abr. W/T VS Skl. <u>4</u> ossif. 5 Stm. 1 seeds 4 Sk. 335X Zost. lat. mel. 9 3 Badly damaged wings LTV 4 Shot 4-5 P.M. Wt. 14 grams Moult Nil Abr. W/T N. <u>Stm.</u> <u>o</u> empty o <u>Sk1. 9</u> ossif. 10 Sk. 335J Zost. inornata of  $\frac{1}{4}$  + white Badly shot damaged. Shot 2 P.M. <u>Wt</u>. 23.5 grams Moult W. R If. L? Abr. W/T VS TL. L. 1 covs o fore crown m chin o Stm. 1 figs Skl. Comp. ossif. ? 1

27.

Sk. 336 Zost. flav. mel. of 1- (repose) white

Shot 7 A.M.Wt. 8.6 gramsMoultNilAbr. W/N T/SStm.1 insectsSkl. Comp. ossif.44

## Thursday, 21st July 1938

<u>Weather</u>. Fine, sunny, light SE breeze, clouds 40-60% (showers previous night, light).

Bush. All types.

- Birds. Usual run seen. (Shot 1 <u>Circus</u> flying lower over camp 5:30 P.M. white phase.) In a patch of tall forest found numbers of <u>Z</u>. <u>inornata</u> feeding on berries. Only heard a rare call, a low "chip chip" birds were very quiet feeding in middle layers of forest from 15 to 20 ft. mostly often lower, rarely up to 30 ft. and never once higher. Typical <u>Zosterops</u> behavior, generally in pairs occasionally 3 or 4 feed together and sometimes fairly frequently one on its own. Rather shy and wary and active making shooting difficult. Often perched in a patch of sunlight for a few seconds in early morning.
- Sk. 337 <u>Pachycephalia</u> of <u>1</u>- white (flabby) <u>1</u> <u>Shot</u> 7 A.M. <u>Wt</u>. 43 grams <u>Moult</u> Nil <u>Abr</u>. W/T N. <u>Stm</u>. <u>3</u> hard beetles <u>Skl</u>. Comp. ossif. <u>4</u> (weevil beetles?)
  Sk. 338 <u>Rhipidura</u> of <u>1</u>++ white

 Image: Shot 7:15 A.M.
 Wt. 11.6 grams

 Moult chin o
 Abr. W/T N.

 Stm 1 insects
 Skl. Comp. ossif.

Sk. 339A Zost. inornata of 1- white 2 Shot 8-11 A.M. <u>Wt</u>. 25.2 grams <u>Moult</u> crown <u>o</u> <u>Abr</u>. W/T N. <u>Stm</u>. <u>1</u> blue vine berries <u>Skl</u>. Comp. ossif. 1 28.

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+ Renard 11th + date

11.01. Usual run summ. (Shot i <u>Sirous</u> flying invest over composition. State P.M. white passe.) In a paten of this forest france municers of <u>L</u>. <u>increate</u> finding on marries. Only heard reading in middle layers of forest from (5 to 10 fr. mostly often lower, rarely un to 30 ft. and mover once abover. Typical <u>Jesteroge</u> belavior, unscally in pairs becasimmelly 3 or 4 feed together and summiner fictly requestly une on its own. Mather any and mark will be the string shooting difficult. Often particles in a path of sumlight for a feed together and summiners in a path of a short of a feed together and summiners of a path of a short of a feed together and summiners of a path of a short of a feed together and summiners of a path of a shooting difficult. Often particles in a path of a short of a feed together and summiners of a path of a short of a feed together and and a short of a path of a short of a feed together and sum the short of a path of a short of a feed together and sum the short of a path of a short of a feed together and a set of a short of path of a short of a feed together and a set of a short of a path of a short of a feed together and a set of a short of a path of a short of a short of a feed together and a set of a short of a path of a short of a short of a short of a feed together a short of a short of a short of a short of a feed together a short of a sho

> k. 337 Machineble & 1- shits (flabby) I Shot 7 A.M. M. M. M. M. M. Moult Mil Alm. 2 hard hamiles <u>Ski</u>. Comm. risi Guarfi hamiles

Stor 1-11 A.M. HE. 27.2 mmm Moult erner p 1201 Lotte steel parties

Sk. 339B Zost. inornata of 1 - white Shot 8-11 A.M. <u>Wt</u>. 25.3 grams Sk. 339C Zost. inor. of  $\underline{1}$  - white  $(LT \underline{1} + RT \underline{1} -)$ 2 2 2 Shot 8-11 A.M. Wt. 24.2 grams Moult Abr. W/ N. <u>Stm.</u> <u>1</u> blue vine berries <u>Skl</u>. Comp. ossif. Sk. 339D Zost. inor. of <u>1</u>- white Shot8-11 A.M.Wt. 24.1 gramsMoultchin oAbr. W/T N.Stm.1blue vine berriesSkl. Comp. ossif. Aplonis of 1 - white Scrapped sufficient material of Shot 7 A.M. Wt. 68.7 grams Moult Abr. W/T N. Stm. 1 snails Skl. Comp. ossif. Sk. 339E <u>Myagra</u> of ad. pl. of <u>1</u> + white 
 Shot 7:15 A.M.
 Wt. 12.5 grams

 Moult
 Abr.

 Stm.
 1 insects
 Skl.
 Abr. W/T N. Skl. Comp. ossif. Sk. 339F <u>Myagra</u> of plumage. of <u>1</u>-R white, LT black Abr. W/T N. Skl. Comp. ossif. Sk. 339G Lalage of 1 - grey stone or black Shot8 A.M.Wt. 22.3 gramsMoultW.R. (x)Abr. W/T N. Upper back, nape <u>c</u> crown <u>o</u> all unders o 1 insects and insect eggs <u>Skl</u>. Comp. ossif. Stm.

125

Shot 8-11 A.M. Mt. 25.3 grams Moult Mil Stm. 3 blue vine berries Ski. Comp. ossif. Shot 7 A.M. <u>Wt</u>. 68.7 grams <u>Hoult</u> <u>Stm.</u> <u>I</u> snells <u>Skl</u>. Comp. ossif.

Sk. 339H <u>Circus</u> of <u>1</u> - white Shot 5:30 P.M. flying over camp, coconuts, low scrubs and garden land. Shot 5:30 P.M. Wt. 710 grams W. 410 T1. 230 Moult back, nape, crown o Abr. W/N Iris yellow T/US Cere pale greenish yellow chin VM Bill black and blue horn Legs and feet pale yellow <u>Stm. 1 crop 1 greater part of a fruit pigeon</u> 4 1 (<u>Ptinop. greyi</u>) Native name WHUZU WH00-Z00 Sk. 3391 <u>Zost. flav. min</u>. of <u>1</u> + white 2 Shot 8-11 A.M. Wt. 9 grams Moult Abr. W/T N.  $\frac{\text{Stm.}}{4} \text{ insects}$ <u>Skl.</u> 2 ossif. 3 Sk. 339J Zost. flav. min 9 1 -Shot 8-11 A.M. Wt. 8.2 grams Moult Abr. W/T N. <u>Stm.</u> <u>3</u> insects (few seeds?) <u>Sk1</u>. Comp. ossif. 2 Zosterops inoranta tails shot away not skinned. Friday, 22nd July 1938

30.

- Weather. Fine, sunny till 8 A.M. then dull, cloudy, overcast. Fresh northerly breeze. Clouds 20%-80-100%.
- Bush. Low scrubs, gardens and tall forest.
- <u>Birds.</u> Usual run seen. Not <u>Myzomela</u> is not very common though numerous enough in tall forest where it stays in the upper leaf canopy mostly. Saw and shot 1 <u>Accipiter</u>.

the 333 term that and the server area, compare, low server and gardine load. The server g The back, name, areas g The back waites tric value tric value tric and feet and blue horn tric truct sizes are blue to truct sizes to truct sizes to the truct sizes to the back area blue to truct sizes to the back area blue to truct sizes to the back area blue to the back area back area back area back area back area to the back area back area back area back area back area to the back area b

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## Peril wind, hairs , enhirth

- Fruch supporty braces. Clouds 200-lon- 1000.
  - . restor list his subrup , search well . (155
- titles. Owner you seen, the interimpts is not very serence though preserves many in the set of the

Sk. 341A Gerygone 9 3 Shot 6:30-9 A.M. Wt. 6.15 grams Moult Abr. W/T N. Stm. 1 insects Skl. Comp. ossif. 2 Sk. 341B <u>Gerygone</u> 9 <u>1</u> -2 Shot 6:30-9 A.M. Wt. 6.2 grams Moult TL covs o Abr. W/T N. Stm. 3 insects Skl. Comp. ossif. 4 Sk. 341C Gerygone of 1 white Damaged skinning. LTV 2 Shot 6:30 - 9 AM. <u>Wt</u>. 6.85 grams Moult Abr. W/T N. Stm. <u>1</u> insects Skl. (x) Comp. ossif. ? Sk. 341D Gerygone 91 + sub. ad.4 Shot 6:30-9 A.M. Wt. 5.9 grams Moult WL 17 TL covs o Abr. W/T N. Stm. 1 insects Skl. Comp. ossif. but thinish 2 with bone. Sk. 342 Accipiter of 3 white (flat, recently used) 4 Shot 12 Noon <u>Wt.</u> 264.8 grams <u>W.</u> 242 T1. 183 Moult WL (x) Abr. W/S some colour crown c T/S abrasion, tail and body. neck, chin o few To date observer has noted an absence of  $\mathcal{P}$ , these may be brooding at this season.

31.

According to other observers (E.M. notes) juveniles are common. It may be so but not in my experience and it may be possible previous observers mistook adult of for juvenile on account of small size which is very noticeable when birds are in flight. If because of more juv. in collections it may be juveniles are easier to shoot but not so in my experience all same. Damn hard.

LTV LTV <u>Shat</u> hild - 2 Mi. <u>Mr. 0.45</u> areas <u>Shat</u> hild - 2 Mi. <u>Mr. 0.45</u> areas <u>Mat.</u> 0.15 <u>Mat.</u> 1. <u>Mat.</u> 1.

M. 3410 Marymone V 1 Who. ad. Shot 6:30-9 A.M. ML. 5.9 gram Madle WL IV TL cover 0 MLL. WT.M. <u>Start</u> 1 Insects W1. Coop. wealt. but withfah

Shat 13 Moon Mt. 260.0 grama M. 262 II. 183 Monit M. (x) Mr. 107 some colour recom g. 7/3 shration, 101) and sody.

To whith abaserver has noted an abasence of 2, there may be broadley at this geneur,

An according to infine observers (5.8. second juveniles are assessed. It may be an iter not in an asseriance and it nov be possible dravings organized of an object of for formalis on account of small size which is very noticeable does birds are in fight. If income of more juve in adding it was but adding in a possible of juveniles are actice to some but adding the second are all actices in a possible of interval of more but and interval.

## Saturday, 23rd July 1938

Weather. Fine, clear, sunny, fresh WSW to SW wind, clouds 15%.

Bush. All types.

Birds. Usual run seen.

Went to middle if island in search of Q <u>Pachycephala</u> and did not find a single one though of were very abundant. Heard a number of <u>Ducula pacifica</u> calling but did not shoot any. Should have no difficulty later getting a small series of these but as they are closer to Way (WEE') on the E coast will work them from there probably. 32.

Sk. 343A <u>Chalcities</u> 91 - 0.5.E.

Shot 10 A.M. (near ground, low in scrubs)Wt. 20.9 gramsW. 97T1. 68Moult flanks o fewAbr. W/T N.Iris brown bill black Legs and feet dull blue slateStm.1 beetles, caterpillar15

Sk. 343B Lichmera  $\begin{array}{c} 2 \\ 4 \end{array}$  - 0.C.E. Gape soft yellow. Shot 9 A.M. Wt. 1.2 grams Moult TL R. 3, 5 covs M Abr. W/VS Upper back, nape <u>c</u> crown <u>o</u> T/S all unders <u>o</u> Stm. <u>1</u> insects Skl. Comp. ossif.

Sk. 343C <u>Lichmera</u> of <u>1</u>+ white <u>Shot</u> 8:30 A.M. <u>Wt</u>. 17.5 grams <u>Moult</u> <u>Abr</u>. W/T N. <u>Stm</u>. <u>1</u> insects <u>Sk1</u>. Comp. ossif.

## Sunday, 24th July 1938

<u>Weather</u>. Fine, clear, sunny, light N airs, clouds 10%. Log closed for posting.

#### LOUIS WINK WALS , MANYARA

toole, all cross clear, should dill be it of all of the starts of the

Annual rear family . alorated

and did out find a single one though a same very abordant. Haved a single one though a same very but did out short any. Should have no difficulty later getting a small series of these but as they are closer to way (NEP') on the E coust will much they from there prehably.

.H.Z.Q - 1 V metricianto AEAE. 42

Hour 10 A.M. (mass pround, the In scrube) 12. 23.5 area K. 37 II. 68 Hours finning a feel Infa moon ail utach issue and feel out the slate Sta. 1 heating, outerpiller and feel out the slate I heating, outerpiller and feel issuer.

in. 3430 Lichman

Since 2 A.H. V2. 1.2 grams Moults The A. Is & cover H Upper back, name 5 crown 2 7/3 aff unders 2 500. 1 Innerce

> · Mar Lichard · 1. white list 6120 h.M. II. IT.S area foult 520. 1 inuncte have been and been been been and been area

> > undt and and and and

Los closed for mating.

## Monday, 25th July 1938

33.

Weather. Fine, clear, sunny, light NW airs, clouds 30%.

Bush. All types.

Birds. Usual run seen. Note birds again very active on very cold, clear morning. Noted many, many Pachy. in forests but saw not one single Q, am beginning to wonder if Q have of plumage though this hardly seems possible. Saw great numbers of Z.inornata but all very shy and active feeding about their usual 20 ft. levels, marching amongst vines. Heard low calls like a chicken "peeping" and one a loud harsh Kock Kock and a "witcher" something remotely like Pachy.

Sk. 344 Rhipidura of 1+ white (recently used?) Shot 6:45 A.M. (sunrise) Wt. 11.35 grams Moult W. R 9 Abr. W/T N. L(x) $\frac{1}{4}$  insects Stm. Skl. Comp. ossif. Shot Wt.Grams Moult Abr. Stm. Skl. Remarks Sk. 345A <u>Gerygone</u> of <u>1</u> - white 2 6:30 A.M. 6.85 W/N few C.O. dawn T/S scale insects Has parasites. 6:30-7:30 AM 42.1 W.R(x) W/T 1 muddy 9 oss. nape c V.S. 2 water 10 charcoal & a few beetles Sk. 345C Halcyon 9 3 0.S.E. 4 Iris brown bill black and white horn legs and feet dull nigger brown Shot 6:30-7:30 A.M. <u>Wt</u>. 42.25 grams <u>W</u>. 89 <u>T1</u>. 57 Moult W.Rlf, Ll Abr. W/VS TL. R6, neck o T/S Stm. 1 beetles, insects, grasshopper Skl. 4 ossif. Has winged parasites and also parasitic worm (white thread same as Uvea and Mare) between flesh and skin.

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anial, alean marning. manuf amp, many factor on very solat, alean marning. manuf amp, many factor, in monate but and not sate elected ?, as minded an essemble. Same areas numbers of <u>clippy</u> (a and if youry shy and exive feeding that their such 20 fe. isvels, marbine monast visual that the outs 10 fe. a chicker weathed and one a bud hard the outs 10 fe.

Stor 6:55 A.R. (samilar) II. JE or an Instruct V. 8.3 E. (s) E. (s)

Sherrows v 1 - white Mark And File Shi. Memories Serrows v 1 - white 0:30 A.M. 0.05 Mark Tris File Co.

> Star 3450 <u>Malayan</u> / 3 - anithe A bigo-7:33 An 42.1 M.stel M/T 1 manu Dense 5 4.5. 2 mate

1552 Maleyon 7 1 5.5.1. 1712 State 111 State and white horn loss and fast 1712 State State 111 State and white horn 101 Cont 2011 allows action 2011 allows action 2011 to 10-11 allows and and white action 2011 to 10-11 allows and a state action 2011 allows ac

Sk. 345D Halcyon 9 3+ 0.C.E. Imm. Has both types of parasite. 4 Shot 6:30-7:30 A.M. Wt. 40.5 grams W. 87 T1. 54 Moult TL. R 4-6 Abr. W/VS L. 3f, 4-6 covs m T/N nape <u>c</u> crown <u>m</u> all unders <u>o</u> X chin <u>c</u> Stm. o empty X bettle <u>Skl</u>. <u>1</u> ossif. 3 0 Sk. 345E Halcyon 9 1+ Has both spec. parasites. 2 Shot 7:30 A.M. <u>Wt</u>. 47.7 grams <u>W</u>. 90 <u>T1</u>. 57 Moult W.R. (x) Abr. W/C TL(x)T/M upper back, nape <u>m</u> crown o all unders <u>m</u> X neck <u>o</u> chin <u>o</u> <u>Stm. 1 mud and grit</u> <u>Skl. Comp. ossif.</u> 2 Sk. 345F <u>Halcyon</u> of <u>1</u> - black 2 Shot 7:30 A.M. <u>Wt</u>. 45.65 grams <u>W</u>. 96 <u>T1</u>. 63 Moult Nape c Abr. W/T N. <u>Stm. 1</u> large grub 4 Skl. 9 ossif. 10 <u>Zosterops</u> inornata of  $\frac{1}{2}$  + white Simply too badly shot to make a skin. Shot 9:00 A.M. Wt. 23.9 grams Moult TL (x) Abr. W/N Stm. 1 small berries and seeds T/S Skl. Comp. ossif. Sk. 345G Zosterops inornata 9 1 -Shot 9:15 A.M. <u>Wt</u>. 23.5 grams Moult Abr W/T N. <u>Stm.</u> <u>1</u> fruit (?) Skl. Comp. ossif. Sk. 345H Zost. inornata of 1 - white Shot damaged. Shot 3 P.M. Wt. 24 grams Moult Abr. W/T N. Stm. 3 blue vine berries Skl. 9 ossif. 4 10

34. .

Sk. 345X Zost. inornata 9 1 white Shot 4 P.M. Wt. 23.4 grams Moult W.L. (x) Abr. W/T N. TL. covs o Stm. o empty Skl. Comp. ossif. 0 Sk. 345J Chalcities 9 1 + <u>Shot</u> 2 P.M. <u>Wt</u>. 20 grams <u>W</u>. 97 <u>T1</u>. Moult Abr. W/T N. <u>Stm</u>. <u>3</u> caterpillars 4 Skl 1 ossif. 3 Sk. 346A <u>Myzomela</u> of <u>3</u> white of ad. plumage. 4 
 Shot
 10 A.M.
 Wt. 9.5 grams
 W. 62
 T1. 42

 Moult
 W.L 9, 10
 Abr.
 W/N T/S

 Stm.
 1 insects, nectar
 Skl.
 Comp. ossif.
 Sk. 346B <u>Myzomela</u> 9 <u>1</u>+ OVME of breeding patch.

35.

Shot4:30P.M. $\underline{Wt}$ .8.55grams $\underline{W}$ .56 $\underline{T1}$ .38MoultAbr.W/TS.Stm. $\underline{1}$  insects $\underline{Skl}$ . $\underline{3}$  ossif.45

# Tuesday, 26th July 1938

- Weather. Dull, cloudy, overcast, light N airs. Clouds 100%, showers off and on and steady rain from 11 A.M. onwards.
- Bush. Low scrubs and tall forest and some garden lands.
- <u>Birds</u>. Usual run seen. All very quiet and subdued, apparently not feeding as much as usual, except swifts and <u>Artamus</u> which were very busy.
- Sk. 347A Zosterops inornata  $2 \frac{1}{2}$ Shot 6:30 A.M. <u>Wt</u>. 20 grams <u>Moult</u> <u>Stm</u>. <u>1</u> lawyer cane vine seeds <u>Abr</u>. W/T N. <u>Skl</u>. Comp. ossif.

## BEEL VILL MINE , Yakanul

- strongers off and on and standy rain from 11 0.0, onwards,
  - tion scrubs and tail forest and some parden lands,
- not feeding up much up usual, amount and subjued, apparently not feeding up much up usual, amount sulfts and Artemus which ware very busy.
  - Shat 0:30 A.M. Mt. 20 grame Shat 0:30 A.M. Mt. 20 grame Mar. W.T.M. Mar. 1 Incyar came vine same St. Comp. cesif.

Myagra of 1+ ? Shot to blazes 2 Shot 7 A.M. Wt. 12.45 grams Moult W.R. (x) L (x) Abr. W/T N. Stm. 1 insects Skl. Comp. ossif. 2 PachycephalaToo badly shot damaged.Shot 10 A.M.Wt. 43 grams Moult TL (x) Sk. 348 Myzomela of 3+ white of juv. plumage. 4 Shot 8 A.M. Wt. 9.1 grams W. 60 TL. 40 Moult W.L. (x) Abr. W/S T/F nape, crown o <u>Stm</u>. <u>1</u> insects <u>4</u> <u>Skl.</u> <u>l</u> ossif. 2 <u>Aplonis</u>  $9 \frac{1}{2} - 2$ Sk. 349 Shot 6:30 A.M. Wt. 68.7 grams Moult W.L (x) TL (x) Abr. W/C T/S <u>Stm. 1</u> fruit seeds, residue <u>Sk1</u>. Comp. ossif. 1 Sk. 349X Zosterops mel. U.S. Badly shot damaged. Shot 10 A.M. Wt. 15.3 grams Moult W.R. 7 LTV Abr. W/T S neck, chin o Stm. 1 berries Skl. Comp. ossif. Sk. 350A Lichmera of 1 - white Shot 4 P.M. Wt. 16.7 grams Moult Abr. W/S T/F Stm. 1 insects Skl. Comp. ossif. 4 Sk. 350B Lichmera 9 1 - 0.S.E. Shot 4:30-5 P.M. Wt. 12.2 grams Moult nape <u>c</u> unders <u>o</u> few <u>Abr</u>. W/T N. Stm. 1 insects <u>Skl.</u> 3 ossif. 4 5

-36.

Marterrer and. U.S. Martin abor demagnet. Mart 10 0.0. With 15.3 Urman Mart 1. V. J. Mart 15.3 Urman 1001 6 2.4. 10011 1100 1 (meets

Sk. 350C Lichmera of 3 + white 4 Shot 4:30-5 P.M. <u>Wt</u>. 17.2 grams Moult nape, crown c Abr. W/S breast, neck o T/M <u>Stm</u>. <u>1</u> insects 2 Skl. 3 ossif. 4 Sk. 350D Lichmera of 1 - white <u>Shot</u> 4:30-5P.M. <u>Wt</u>. 16.05 grams Moult Abr. W/N Stm. 1 insects Skl. Comp. ossif. T/F 4 Sk. 351 <u>Zost</u>. <u>inornata</u> of <u>1</u> - white Shot 5:30 P.M. native gardens feeding on paw <u>Wt</u>. 17.3 grams Moult Abr. W/N T/N damp feathers Stm. o empty but for a little paw paw Skl. Comp. ossif. Very thin and emaciated, possibly sick but no sign of injury except on right tarsis as if bird may have been kept tied by the leg in captivity by a native. This is so native youth was bringing one to me which escaped injury thereabouts same wing as specimen was shot. Wednesday, 27th July 1938 Weather. Fine, sun and clouds fresh SW wind, clouds 60-80%. Bush. Coconuts and garden lands. Usual run of birds about the camp seen. One Accipiter Birds. seen. A flight of sea birds, about 40 passed over very high up which by their calls I think were brown Boobies. Impossible to shoot this day. There being a fete in progress and over 5,000 people being in and about the vicinity. Almost the whole population of the island being present. Most birds seem to have fed well into the bush as small parties are camped everywhere. Sk. 352 Coracina 9 3 0.S.E. (discolored oocytes) Shot 10 A.M. during short service at mission Wt. 154 grams Moult neck, chin o Abr. W/T N <u>Stm.</u> <u>3</u> caterpillars, beetles, figs <u>Skl</u>. Comp. ossif.

37.

4

Sint is 12-5 P. S. Mt. 17.5 gross moult man, arban a branch, mode 2 Sta. 1 intests Mt. 17.5 gross Mt. 17.

Shot 11 Januar at 1 - Miles
 Shot 120-Sm.m. M1. 10.05 grams
 Shull
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adieles 1 bouterate and 1 - white

Shot 5:50 F.M. mative gardens (adding on name HE. 17.3 gramm Souls Shot 9 maty but for a little you pant SML. Cond. cost.

Very thin and muncieted, manibly sick but no sign of injury except on right terrais as if bird may have been heat tind by the lag in contivity by a maive. This is to native wouth and bringing one to see which excepted intry thereabouth and when as specime was shot.

brot with Arts . when which

million, Films, and slouds from Md, clouds bd-Bott,

. chund and and garden lands.

Marie Barnel com of birds shout the dama soon. Doe maininger soon. A flight of see birds, shout his asseed over very high up shick by chair sails i think were brown Boobing.

impossible to simple this day. There being a fute in programs and star 5,000 people being in and about the wisinity. Almat the shade population of the island being present. Logs birds seem to have fue well into the back or people surface are caused averader.

Short 10 A.M. during share service at mission br. 150 grans Mault mask, dvin g 350. A certoralitare, bearing, 11 m 51. Come, walf.

Sk. 353 <u>Lichmera</u> of <u>1</u> white (LT <u>1</u>+ RT <u>1</u> -) 1 1 1 1 Shot 5:30 P.M. <u>Wt.</u> 15.5 grams Moult Abr. W/N T/M <u>Stm. 1</u> insects <u>Skl</u> 2 ossif. Sk. 353A Lichmera of 1++ white Shot 5:30 P.M. <u>Wt.</u> 16.1 grams Moult Abr. W/N T/S Stm. 1 insects Skl. Comp. ossif. Sk. 353B Lichmera of 1 white Shot 5:30 P.M. <u>Wt</u>. 16.05 grams Moult Abr. W/T N. Skl. Comp. ossif. 38.

Thursday, 28th July 1938

Weather. Fine, clear, sunny, light variable airs, clouds 10-15%.

Bush. All types.

Stm. 1 insects

1

Birds. Usual run seen. Note Zost. inornata feed much near the ground in low scrub, saw several parties in and about native village. Has 2 calls, a low chip chip or the same call stronger, almost identical with a domestic chicken and a low chachination almost like a parrot. Natives call it Sinahotta when it gives chip chip call and Sinaming when it gives the chattering parrot like call, say it then has a devil in it. But generally speaking, it is a shy, rather silent, inobtrusive bird.

> Saw a native with Ducula pacifica for local gendarme This bird suffers much persecution from whites especially the gendarme who has a new gun, but maybe the novelty will wear off before Ducula disappears.

Sk. 354 Gerygone of 3 white 4 Shot 6:45 A.M. Wt. 6.4 grams Moult Abr. W/T N. Stm. 1 insects Skl. Comp. ossif. 4

interior plan, plant, palartant

surface, since, surry, limit variants sirve drouds to-int.

airds. Usual run samo. Note <u>Cost</u>. increases for and shout ground in the screen, are second sorties in and shout hative village. See 2 calls, a test ship ship or the dame tall stronger, similar identical with a tenartic shicker and a test should astim almost ills a pervot. Musice and it <u>Simulations</u> when it gives ship ship call and <u>incelos</u> when it gives the destrains pervot like call, any it then has a devil in it. Out perceits test.

have a mative with family multiple for toost anotheres file bird suffact which correction from whites especially the produces who has a new gam, but maybe the especially will wear off before gamp, discovery.

Mint 5:05 4.0. When the

ALC: WY B.

Sk. 354A Pachycephala of 1 + white Shot 7:30 A.M. Wt. 40.7 grams Moult TL (x) Abr. W/T N. <u>Stm.</u> <u>I</u> beetles, I small tree <u>Skl</u>. Comp. ossif. 4 molluscs Sk. 354X Zost. inornata 9 1 - Little taxerdermic value, taken 2 for moult LTV Shot Dawn 6:30 A.M. Wt. 20.8 grams Moult TL all except RI & Ll Abr. W/T N. appears to be from inside outwards sequence. all uppers and unders o Stm. 1 slate insect, wood louse, fruit chili 4 Sk. Comp. ossif. Sk. 354B Halcyon of 1 - white Has both kinds of parasites. Shot 7 A.M. <u>Wt</u>. 44.75 grams <u>W</u>. 92 <u>T1</u>. 58 Moult TL covs o Abr. W/T N. rump back <u>m</u> nape, crown <u>o</u> all unders <u>c</u> X chin <u>o</u> Stm. 1 insects <u>Skl. 9</u> ossif. 10 Sk. 354C Halcyon 9 3 Shot 7 A.M. <u>Wt</u>. 46.2 grams <u>W</u>. 93 <u>T1</u>. 61 Moult Nape M neck o Abr. W/T N. Stm. o I caterpillar Skl. 2 ossif. 0 10 Sk. 354D Halcyon of  $\frac{1}{4}$  + opaque yellowish white. Shot 7 A.M. Wt. 45 grams Moult TL. R2 covs o Abr. W/N T/S back o nape m crown o all unders c increasing head to tail Stm o insect Skl. 4 ossif. 0 5 Sk. 354E <u>Halcyon</u> 9 <u>3</u> + 4 Shot 10 A.M. Wt. 45.3 grams Moult W.R., If, 13-15) covs c Abr. W/N T/F L If, 13-15 ) rump, back m nape, crown o all unders o X neck M <u>l</u> smelly insects Stm. <u>Skl. 9</u> ossif. 4 10

39.

Sk. 354F Zosterops inornata 9 1 4 Shot 1 P.M. Wt. 22.4 grams Moult W.R. (x) Abr. W/N T/S Stm. o few seeds Skl. 4 ossif. 5 0 Sk. 354G Zost. inornata 9 1 -2 Shot 2:30 P.M. <u>Wt.</u> 22.5 grams Abr. W/T N. Moult <u>Stm.</u> <u>1</u> seeds, berries <u>Skl</u>. Comp. ossif. Sk. 354H <u>Pachycephala</u> of <u>1</u> (RT white RT bluish semi transparent) 1 Shot 2 P.M. Wt. 45.45 grams Moult Abr. W/T N. <u>Stm.</u>  $\frac{1}{2}$  molluscs, beetles <u>Skl</u>. Comp. ossif. 2 Sk. 354J <u>Myzomela</u> ad. J -1 Shot 4 P.M. <u>Wt</u>. 9.6 grams MoultTL (x) L3Abr. W/T SStm.1 insectsSkl. Comp. Stm. 1 insects Skl. Comp. ossif. ī Sk. 355A Philemon of <u>1</u> + white 2 Shot 8:30 A.M. <u>Wt</u>. 88.55 grams <u>W</u>. 135 <u>T1</u>. 117 
 Moult
 W.R. (x)
 Abr. W/T VS

 Stm.
 1 fruit (?)
 Skl. Comp. Ossif. (?)
 4 Sk. 355B Philemon 93 + 0.V.S.E.4 Shot 9:30 A.M. <u>Wt</u>. 68.7 grams Moult Abr. W/N T/S Stm. <u>1</u> figs 2 <u>Skl</u>. Comp. ossif. Sk. 356 Coracina 9 3 -4 Shot 11 A.M. <u>Wt</u>. 154 grams <u>Moult</u><u>Abr</u>. W/T N. <u>Stm 1</u> yellow banyon figs and <u>Skl</u>. Comp. ossif. I few small beetles

40.

## Friday, 29th July 1938

41.

- <u>Weather</u>. Fine, sund and cloud, light SE, clouds 40-60% (clouds all in NW feeder traveling above SE).
- Bush. All types.
- Birds. Usual run seen. 1 Accipiter seen. The absence of Q Pachycephala in this area is most extraordinary. A count kept today in an area simply ringing with Pachy calls, 32 of adult seen and not one femal plumage. Natives say they haven't seen the like before and the Q are usually shyer and not so often noticed, a few are generally seen about. By their description, Q are the same as Uvea (yellow without black collar). Note Zosterops inornatas' affinity to places of H.F.? Reasons.
- Sk. 357A Zost. inornata d' <u>1</u> white LTV wings <u>Shot</u> 6:30 A.M.-9 A.M. <u>Wt</u>. 23.7 grams <u>Moult</u> back m <u>Abr</u>. W/T N. both wings (x) <u>Stm</u>. <u>1</u> fruit, berries <u>Sk1</u>. Comp. ossif.
- Sk. 357B Zost. inornata of 3 white <u>Shot</u> 6:30-9 A.M. <u>Wt</u>. 25 grams <u>Moult</u> <u>Stm. 1</u> fruit <u>2</u> <u>Abr</u>. W/T N. <u>Skl</u>. Comp. ossif.
- Sk. 358A <u>Myzomela</u>  $\begin{array}{c} 2 \\ 1 \\ \end{array}$  <u>Shot</u> 7 A.M. <u>Wt</u>. 7.55 grams <u>W</u>. 55 <u>T1</u>. 39 <u>Moult</u> W.L. 15 <u>Abr</u>. W/T F. All unders <u>o</u> X neck <u>c</u> <u>Stm</u>. <u>o</u> nectar, insects <u>Skl</u>. <u>1</u> ossif. 3

Sk. 358B <u>Myzomela</u> of  $\frac{1}{1}$  - white <u>Shot</u> 8:30 A.M. <u>Wt</u>. 8.3 grams <u>Moult</u> <u>Abr</u>. W/T C <u>Stm</u>.  $\frac{1}{2}$  insects <u>Skl</u>.  $\frac{3}{4}$  ossif.

(clouds all in M faster trained for a string string

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(1000) Usual run demo. ( high align and . The shames of a human and is this area is and accordingly. A mont must have this is an area almity cluster with the sails. So sould seen and not one that and the istican and they becault seen in [16] the bottom and the of are usually share and not so stren matical, a fea ate amountly share and then it their description. W are the termine is and the description of the line of an istican and the of area as area (refine distant black collaris who description).

24. 3574 Zant. Internation of 1 - white - 417 without 2 2 Share 0:30 m.m.-2 M.M. Mr. 23.7 grams Hould book m

Stm. 1 Fruit, Lerrice 201. Comp. east.

Sk. 3578 logi. inornate of 5 white Shot Star-9 A.A. Mr. 35 grams Mult Shot 1 fruit Shot 1 fruit

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Mark J A.A. 21. 1.25 means M. 25 M. 49 Hants M.L. 19 Mill anders of a method Mill anders of a method Mill a market Mill a method Mill 1 method

A. Jim manual # 1 - white int \$130 A.B. Mr. 4.5 manual Madia Madia Marking Mark

Sk. 358C <u>Myzomela</u>  $\sigma_1 +$  yellowish white ad. Shot 11:30 A.M. Wt. 8.5 grams Moult W Abr. W/T VS Stm 1 insects Skl. Comp. ossif. 2  $\frac{\text{Cacomantis}}{2} \circ \frac{1}{2} \text{ greyish white } (\text{LT } \frac{1}{2} + \text{ RT } \frac{1}{2} -)$ Sk. 359 LTV Iris crimson bill black legs and feet yellow claws black Shot 10 A.M. Wt. 45.6 grams W. 138 T1. 147 Moult WR (x) Abr. W/T N. <u>Stm 1</u> caterpillars  $\frac{Sk1}{4} \quad \frac{1}{4} \text{ ossif.}$ 2 Sk. 360 <u>Myaqra</u> 9 <u>1</u> - 2 Shot 11 A.M. <u>Wt</u>. 12.8 grams Moult Abr. W/T N. <u>Stm.</u> <u>1</u> insects, beetles <u>Skl</u>. Comp. ossif. Sk. 361A <u>Rhipidura</u> of <u>1</u> yellowish white (LT <u>1</u>+ RT <u>1</u>-) 1 Probably just turned adult, few brown tipped wing coverts left. Shot 10 A.M. Wt. 11.7 grams Moult Abr. W/N T/S Stm. 1 insects Skl. Comp. ossif. Sk. 361B <u>Rhipidura</u> of <u>1</u> - white (repose) Also probably as above spec., not long adult. Shot 11 A.M. Wt. 10.4 grams Moult Abr. W/T S Stm. 1 insects Skl. Comp. ossif. 2

42.

## Saturday, 30th July 1938

Weather.	Fine,	sun and	cloud,	fresh	NW	breeze,	clouds	60%.
Bush.	Garden	lands,	low scru	ibs.	Clos	e about	camp.	
Birds.	Usual r	tin seen						

## Saturday, 30th July 1938

<u>Venther</u>. Fine, sum and cloud, fresh W breeze, clouds 60%. Bush. Girden Lands, Iou scrubs. Close about camp.

Sk. 362A Zost. flav. min. 9 1 -Shot 6:30-9 A.M. <u>Wt</u>. 8.2 grams Moult TL. R 6 Abr. W/T N. unders <u>o</u> few <u>Skl</u>. <u>4</u> ossif. 5 <u>Stm.</u> <u>3</u> insects and fruit Sk. 362B Zost. flav. min. 9 1 + Shot 6-9 A.M. Wt. 7 grams  $\begin{array}{cccc} \underline{Moult} & \text{TL R. 1, 4, Ll covs } \underline{m} & \underline{Abr. W/T N.} \\ \underline{Stm. l insects} & unders & \underline{Skl. l ossif.} \end{array}$ 4 2 Zost. lat. mel. All shot 6:30 A.M. -9 A.M. Sk. 363A (1) <u>Wt</u>. 14.8 grams of <u>3</u>- white Moult TL R1, L1 Abr. W/T N. nape, crown <u>c</u> breast <u>o</u> neck, chin <u>c</u> <u>Stm. 1</u> fruit (seeds) <u>Skl</u>. Comp. ossif. 4 Sk. 363B (2) <u>Wt</u>. 14.5 grams of <u>1</u> + white 2 Moult TL covs m Abr. W/T N uppers and unders o few <u>l</u> fruit Stm. Skl. Comp. ossif. 2 Sk. 363C (3) <u>Wt</u>. 13.9 grams ♀ <u>1</u> -Moult WR (x) 15 Abr. W/S T/M Stm. 1 fruit Skl. Comp. ossif. Sk. 363D (4) <u>Wt</u>. 14 grams 9 <u>3</u> 0.V.S.E. Moult chin o Abr. W/T N  $\frac{\text{Stm. } 1}{4} \text{ fruit, chili pepper } \frac{\text{Skl. Comp. ossif.}}{\text{Skl. Comp. ossif.}}$ (5) 9 3+ 0.V.S.E. Damaged by shot and broken skinning. 4 <u>Wt</u>. 12.8 grams Moult all unders o few Abr. W/T N. Stm. 1 seeds Skl. Comp. ossif. ? 2

43.

Stm.

## Sunday, 31st July 1938

44.

<u>Weather</u>. Dull, cloudy, overcast, N and NE gusty wind, showers, cold, clouds 100%.

Mail from Mayr etc., to be answered.

## Monday, 1st August 1938

Weather. Heavy rain and showers off and on all day, light S wind, clouds 100%, wind variable.

On mail. Log closed for posting.

Tuesday, 2nd August 1938

Weather. Fine, sun and cloud, cold S wind, clouds 40-60%.

Busy on mail.

Shot 1 <u>Accipiter</u> close to European dwelling near camp. Alarm given as usual by domestic fowls. Also 1 <u>Z</u>. <u>inornata</u> in a native garden on returning to camp.

- Sk. 364Accipiter of 1 ++ white (26 X 12 mm) full breeding<br/>Badly shot damaged.Shot 4 P.M.Wt. 287.2 gramsW. 243Moult W.R (x)Abr. W/T SStm.1 lizardsSkl. Comp. ossif.
- Sk. 365 Zost. inornata  $\begin{array}{c} \begin{array}{c} 2 \\ 3 \end{array}$  0.S.E. <u>4</u> <u>Shot</u> 4-10 P.M. <u>Wt</u>. 23.65 grams <u>Moult</u> <u>Abr</u>. W/T VS <u>Stm</u>. <u>1</u> 5 small tree molluscs <u>Skl</u>. Comp. ossif.

# Wednesday, 3rd August 1938

Weather. Fine, sun and clouds, light variable airs, odd showers, clouds 60%.

On mail. 8 skins (6 Zost. flav., 1 Zost. lat., 1 Zost. inornata) sent by post.

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## Madres for, 3rd mouses from

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# Thursday, 4th August 1938

Weather. Sun and cloud, showers, cold blustery S and SE wind, clouds 60-80%.

On mail.

# Friday, 5th August 1938

Weather. Cold, blustery S and SE breeze, clouds 60%.

Steamer day.

S

## Saturday, 6th August 1938

- Weather. Dull, cloudy, overcast, light to fresh SE wind, clouds 10%.
- Bush. All types, most garden lands.
- Birds. Usual types all very subdued and little activity except Lichmera active. During past days and today, much time spent looking for Q Pachycephala and have had native on the lookout, not one seen by me or reported by natives. 4 d ad. plumage were shot today and examined and all were d in advanced or full breeding. 4 Q are brooding they must leave the nest occasionally but when?

sk.	366A Lala	<u>ge</u> ♀ <u>3</u> + 0.S.E. 4						
				22.1	grams			
	Moult	all uppers c				Abr.	W/F	
		all unders c	-				T/M	
	Stm.	<u>o</u> l caterpill	ar			<u>Skl</u> .	Comp. ossif.	
		0						

Sk. 366B Zost. lat. mel.  $\sigma_{\underline{3}}$  (RT white LT black) <u>Shot</u> 6:45 A.M. <u>Wt</u>. 14.3 grams <u>Moult</u> W.R. 14f <u>Abr</u>. W/T N <u>Stm</u>. <u>1</u> chili peppers <u>Skl</u>. Comp. ossif.

Sk. 366C Zost. lat. mel. of 1 greyish white 2 <u>Shot</u> 8 A.M. <u>Wt</u>. 13.9 grams <u>Moult</u> upper back, crown <u>c</u> <u>Abr</u>. W/N all unders <u>o</u> X chin <u>m</u> T/VS <u>Stm</u>. <u>1</u> blue vine berries <u>Skl</u>. Comp. ossif. 141 45.

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Friday Street Area -

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Mind. Machal types all very subduel and livels activity exempt <u>Lickners</u> action. Dowing part days and today, much vise estart looking ter 0 <u>mechy rephils</u> and have had active on the lookant, at any sere that and a netives. A d ad. simmer sere that today all memired and all were d in advanced or full in million. A V are breading they must loove the back sectsionally but when?

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Short 5:30 A.H. Mr. 16.3 grams mails w.e. 166 Sim 1 chill supports Std. form. mail.

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that I A.H. MI. 19.5 press really unpair hash, reaso g Alt. When a subin g the 1 the site bards and the bards

Sk. 366D Zost. flav. min a 1 - white 1 Shot 7 A.M. Wt. 8.6 grams Moult W.R. 15 Abr. W/N L. 15 T/S TL. r5 neck, chin <u>c</u> Stm. 1 insects Skl. Comp. ossif. 2 Sk. 366E <u>Rhipidura</u> of <u>1++</u> white (full breeding) 1 Shot 10 A.M. Wt. 11.4 grams Moult Abr. W/T N. Stm. 1 insects Skl. Comp. ossif. 1 Sk. 366F Myzomela of white sub of ad. Shot 9 A.M. Wt. 9.6 grams Moult uppers o nattered Abr. W/T N. <u>Stm. 1</u> insects unders <u>o</u> <u>Sk1</u>. <u>1</u> ossif. 4 3 Sk. 366G Myzomela of LT 1 - RT 1 + white sub. of ad. 1 4 Shot 3 P.M. Wt. 8.55 grams Moult Abr. W/N Stm. 1 insects 2 T/VS Skl. Comp. ossif. Sk. 366H <u>Myzomela of 1</u> - white of sub ad. Shot 2 P.M. Wt. 8.65 grams Bill shot (x) Moult Abr. W/M  $\frac{\text{Stm.}}{4}$  insects T/S Skl. 2 ossif. 3 Sk. 366X Lalage of 1+ black 2 Shot 2 P.M. <u>Wt</u>. 22.5 grams Moult All uppers o Abr. W/TW All unders <u>o</u> Stm. <u>1</u> insects, fruit <u>Skl</u>. Comp. ossif. 2 Sk. 366J <u>Gerygone</u> J <u>1</u>+ (RT larger) white 1 Shot 8 A.M. <u>Wt</u>. 6.25 grams Moult Abr. W/N T/VS Stm. 1 minute insects Skl. Comp. ossif.

142

GerygoneQ? shot damaged. Tail too shot damaged.Shot 2 P.M.Wt. 6.1 gramsMoultAbr. W/VSStm.1 insects2Skl. Comp. ossif.

47.

## Sunday, 7th August 1938

Weather. Sun, cloud and showers, strong E wind, clouds 60-80%.

# Monday, 8th August 1938

- Weather. Fine, sun and cloud, moderate E wind, clouds 40-10%.
- Bush. All types mostly low scrubs and gardens and village clearings.
- Birds. Usual run seen. Note <u>Collocalia spod.leuc</u>. seem more common inland than along coast where they almost certainly nest in the caves in sea cliff face.
- Sk. 367 <u>Zost. flav. min. of 1</u>+ white <u>4</u> <u>Shot</u> 7 A.M. <u>Wt</u>. 8.1 grams <u>Moult</u> W.R 16 covs <u>o</u> <u>Upper back, nape, crown <u>o</u> <u>Stm. 1</u> ants <u>4</u> <u>Skl</u>. <u>4</u> ossif.</u>
- Sk. 368 <u>Zost</u>. <u>flav</u>. <u>min</u>. <u>9</u> <u>1</u> -<u>2</u> <u>Shot</u> 7:15 A.M. <u>Wt</u>. 7.65 grams <u>Moult</u> <u>Stm</u>. <u>1</u> insects <u>4</u> <u>Skl</u>. <u>2</u> ossif. <u>3</u>
- Sk. 369 <u>Myagra</u> of  $\frac{1}{2}$  (LT white RT black) <u>Shot</u> 7 A.M. <u>Wt</u>. 12.05 grams <u>Moult</u> <u>Stm</u>.  $\frac{1}{4}$  beetles <u>Abr</u>. W/T N. <u>Skl</u>. Comp. ossif.

Sk. 370 <u>Zost</u>. <u>lat</u>. <u>mel</u> 9 <u>1</u> + <u>Shot</u> 7:30 A.M. <u>Wt</u>. 14.35 grams <u>Moult</u> <u>Stm</u>. <u>1</u> blue vine berries

Abr. W/T N. Skl. Comp. ossif. there is an and the second sec

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Sk. 371 <u>Collocalia spod. leuc</u>. of <u>1</u> - white Iris brown bill black legs brown to nearly black tips to toes. <u>Shot</u> 8 A.M. <u>Wt.</u> 7.4 grams <u>W</u>. 112 <u>T1</u>. 45 Moult TL (x) rump o Abr. W/S back, nape o T/C o few insects Skl. Shot damaged (x) not comp. Stm. 0 ossif., possibly 1 ossif. 4 Sk. 372 <u>Collocalia spod</u>. <u>leuc</u>. of <u>1</u>+ yellowish white Shot 8 A.M. <u>Wt</u>. 7.9 grams <u>W</u>. 115 <u>T1</u>. 47 Moult uppers o Abr. W/T N. Stm. 1 insects  $\frac{Sk1}{4}$  ossif. 2 Sk. 373 <u>Halcyon</u> of  $\frac{1}{2}$  - white Has both parasites but only few worms, not badly infected. Shot 7 A.M. Wt. 38 grams Moult Nape c Abr. W/T N. Stm. o few beetles Skl. 4 ossif. 0 5 Sk. 374 Halcyon 9 1+ 2 Shot 7:30 A.M. Wt. 45 grams Moult WR (x) Abr. W/T N. <u>Stm. 1</u> grasshopper, bettles Skl. 9 ossif. 2 10 Sk. 375 Myagra 9 3+ OVSE Shot 11:30 A.M. Wt. 12.6 grams Moult Abr. W/N T/mixed average S. <u>Stm.</u> <u>1</u> beetles, insects <u>Skl</u>. Comp. ossif. Sk. 376  $\frac{Myagra}{2} \circ \frac{1}{2} + yellowish white}{2}$ Shot 11 A.M. <u>Wt</u>. 12.4 grams Moult Abr. W/T N. Stm. 1 insects Skl. Comp. ossif.

48.

Stm. | Insects sk. 374 Haleyon 9 1+

Sk. 377 <u>Myzomela</u> of <u>1</u> white of ad. Shot 12 Noon <u>Wt</u>. 9 grams Moult Abr. W/T S. <u>Stm.</u> <u>1</u> insects, nectar Skl. Comp. ossif. 2 Sk. 378 Coracina 9 1- OME diam. larges oocyte 3 mm. Shot 9 A.M. Wt. 141 grams Moult W.L (x) Abr. W/N back <u>c</u> T/VS Stm. <u>l</u> yellow banyan figs Skl. Comp. ossif. Sk. 379 <u>Lalage 21 tail damaged.</u> LTV 2 Shot 10 A.M. Wt. 21.3 grams Moult TL. (x) Abr. W/T S. rump, back <u>c</u> nape <u>m</u> crown <u>o</u> all unders o increasing to neck, chin <u>3</u> fruit, caterpillars <u>Skl</u>. Comp. ossif. Stm. 4  $\frac{\text{Halcyon}}{2} \circ \frac{1}{2} - \text{white} \qquad \text{Too badly shot damaged.}$ Shot 7 A.M. Wt. 45.8 grams Moult all uppers <u>c</u> x crown <u>o</u> Abr. W/T N. Stm. Skl.

49.

Tuesday, 9th August 1938

Weather. Fine, overcast, light haze and clouds 60%, calm.

Birds. Usual run seen. Note <u>Chalcites</u> calling much but cannot say there is as yet a definite increase in numbers. <u>Cacomantis</u> calling much previous night. A native from the other side (E coast) when he saw a Chalcites shot volunteered the information that over there was a similar bird but larger (NZ?) and not so afraid of humans (exheusted?)

Sk. 380 <u>Halcyon</u> of <u>1</u>+ white Has both parasites but not very heavy infection of worms found. <u>Shot</u> 7 A.M. <u>Wt</u>. 41 grams <u>Moult</u> <u>Stm.</u> <u>1</u> insects <u>4</u> insects <u>10</u> Skl. <u>9</u> ossif.

Bush. All types.

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inde. Usual run same. More <u>theleites</u> selling much but cannot any there is at vet a definite increment in numbers. <u>Commercia</u> caling much mergican night. A mative from the other side (E densi) show he can a thelitteebott veluntaread the information that much the set of side of similar bird bal larger [52]) and not to afrait of Normal (exampted)

the set Halfred of Is white the both annualtime but not ware a bound. I have the set of worm bound.

Shot 7:30 A.M. Wt. 9 grams Moult Abr. W/T N. Stm. 1 insects Skl. Comp. ossif. 4 Sk. 382 <u>Gerygone</u> 9 <u>1</u>-2 Shot 6:45 A.M. Wt. 6.6 grams Moult Abr. W/T N. Stm. 1 insects Skl. Comp. ossif.  $\frac{\text{Gerygone}}{4} \circ \frac{3}{4} + \text{yellowish white}$ Sk. 383 Shot 8 A.M. Wt. 6.5 grams Moult Abr. W/VS T/N Stm. 1 insects Skl. Comp. ossif.  $\frac{\text{Gerygone}}{4} \circ \frac{1}{4} - \text{white yellow}$ Sk. 383A Shot 8 A.M. Wt. 6.2 grams Moult Both wings (x) Abr. W/T S Stm. 1 insects Skl. Comp. ossif. 2 Chalcities 9 3+ 4 Sk. 384 Shot 9:30 A.M. <u>Wt</u>. 20.05 grams Moult Abr. W/T S. <u>Stm.</u> <u>1</u> hairy caterpillars  $\frac{Sk1}{4} \text{ ossif.}$ Sk. 385 Chalcities 9 1+ OVME Shot 7 A.M. Wt. 20.7 grams Moult vent o Abr. W/T S. Stm. 1 grubs, insects 2 Skl. 1 ossif. 3  $\frac{\text{Lalage}}{4} \circ \frac{3}{4} - \text{black}$ Sk. 386 Shot 10 A.M. Wt. 21.7 grams Moult All uppers o increasing tail to head Abr. W/T N. All unders o increasing tail to head X neck, chin <u>c</u> Stm. 1 insects, fruit Skl. Comp. ossif. 4

Sk. 381

Rhipidura 9 1+

-50.

Shot 10 A.H. Mt. 21.7 gromm

Sk. 387 <u>Myzomela</u> <u>d</u> <u>1</u>+ white <u>d</u> ad. <u>Shot</u> 4 P.M. <u>Wt</u>. 9.1 grams <u>Moult</u> W sec <u>o</u> <u>Stm</u>. <u>1</u> insects <u>4</u>

Abr. W/T N. Skl. Comp. ossif. 147 57.

Sk. 388 Zost. flav. min.  $\begin{array}{c} 2 \\ 1 \\ 2 \\ \hline 2 \\ \hline \\ \underline{Shot} \\ 4 \\ \underline{P.M.} \\ \underline{Wt}. \\ 8.25 \\ \underline{grams} \\ \underline{Moult} \\ \underline{Stm}. \\ 1 \\ \underline{1} \\ \underline{insects} \\ \underline{2} \\ \end{array}$ 

Abr. W/T N. Skl. Comp. ossif.

# Wednesday, 10th August 1938

- Weather. Dull, cloudy, showery, blustery SSE wind, cold. Clouds 100%.
- Bush. All types.
- <u>Birds</u>. Usual run seen. Note <u>Collocalia</u> very scarce and feeding more amongst trees in shelter. Was today where natives said the most likely place to get <u>Turdus</u>. None seen or heard. Likely I shall get none as on Mare.

 Sk. 389
 Myzomela
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Sk. 390 <u>Collocalia escul</u>. <u>urog</u>. 9 <u>1</u>+ dark

Iris<br/>brownBill<br/>Bill<br/>blackish at toes.Legs<br/>and<br/>feet<br/>brownish to<br/>blackish at toes.Shot<br/>7<br/>A.M. $\underline{Wt}$ .<br/> $\underline{Vt}$ .<br/> $\underline{Stm}$ 5.4<br/> $\underline{Gtm}$ grams<br/> $\underline{W}$ .<br/> $\underline{Wt}$ .<br/> $\underline{Vt}$ .<br/> $\underline{Nt}$ .<br/> $\underline{Stm}$ .<br/> $\underline{Stm}$ .<br/> $\underline{Stm}$  $\underline{Mt}$ .<br/> $\underline{Stm}$ .<br/> $\underline{Mt}$  $\underline{Nt}$ <br/> $\underline{Stm}$ .<br/> $\underline{Stm}$ .<br/> $\underline{Stm}$ . $\underline{Stl}$ .<br/> $\underline{Stm}$ .<br/> $\underline{Stm}$ . $\underline{Stl}$ .<br/> $\underline{Stm}$ . $\underline{Stl}$ .<br/> $\underline{Stm}$ . $\underline{Stl}$ .<br/> $\underline{Stm}$ . $\underline{Stl}$ .<br/> $\underline{Stm}$ .

Sk. 390A Philemon  $\begin{array}{c} 2 \\ \underline{1} \\ \underline{4} \end{array}$  imm. Shot 7 A.M Wt. 54.45 grams Moult TL. L 5,6 Abr. W/T M. Stm. 1 banyan fruit Sk1 4 ossif. 2

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Sk. 391 Zost. flav. min. 9 1+ OVSE 2 Shot 9-11 A.M. Wt. 9.7 grams Moult Abr. W/T N. Stm. 3 fruit, insects Skl. Comp. ossif. 4 Zost. flav. min. of 1- white Shot 9-11 A.M. <u>Wt</u>. 9 grams Moult W.R & L (x) Abr. W/T N. Stm. 1 fruit, insects Skl. 1 ossif. 2 2 Sk. 391X Zost. flav. min. of 1- white Shot 9-11 A.M. <u>Wt</u>. 10.7 grams Too shot damaged. Moult Abr. W/T S. <u>Stm.</u> <u>1</u> fruit, insects Skl. Comp. ossif. 4 Sk. 392 Coracina 9 1 2 Shot 8 A.M. Wt. 141.5 grams Moult rump m back, nape o crown c Abr. W/T C. unders o Stm. 1 banyan figs Skl. Comp. ossif. 1 Sk. 393 Halcyon 9 3 4 Shot 7 A.M. Wt. 40.7 grams Moult TL R. 2, L2 covs m Abr. W/N nape <u>o</u>, unders <u>o</u> few T/C Stm. o residue Skl. 9 ossif. 0 10 Sk. 393A <u>Halcyon</u> of <u>1</u>+ white 2 Shot 7:30 A.M. Wt. 40.8 grams Moult Upper back, nape o Abr. W/T N. All unders o X neck c <u>Stm.</u> <u>o</u> few insects <u>Skl. 9</u> ossif. 0 10 Thursday, 11th August 1938 Weather. Sun and cloud and showers, cold gusty SE wind, clouds

Bush. Original forest.

60-80%.

52.

- seasons. Sund and cloud and showers, cold quary SE wind, clouds 60-80%.
  - original forest.

<u>Birds</u>. Usual run of birds seen. Searching for <u>Turdus</u>, none seen or heard.

53.

Sk. 394Philemon of 3 + white (LT 1 RT 1 white)424211Shot 5 P.M. $\underline{Wt}$ . 85.8 grams $\underline{Moult}$  $\underline{Abr}$ . W/T S. $\underline{Stm}$ .1 spider, beetles $\underline{Skl}$ .Comp. ossif.

## Friday, 12th August 1938

Weather. Sun and cloud and showers, strong SE breeze, clouds 40-60%. All types mostly open type areas. Bush. Usual run seen 1 Circus noted in flight over forest. Birds. Sk. 395 <u>Collocalia spod</u>. <u>leuc</u>. of <u>1</u>+ white Shot 8 A.M. <u>Wt</u>. 6.8 grams <u>W</u>. 114 <u>T1</u>. 47 Moult TL covs o Abr. W/T N. Moult TL covs o Abr. W/T N. rump o Stm. o few insects  $\frac{Sk1}{4} \cdot \frac{1}{4} \text{ ossif.}$ 0 Sk. 396 <u>Collocalia sp. lc</u>. of <u>1</u>+ (LT black RT white) Not very fat. Shot 8 A.M. Wt. 7.8 grams Moult Abr. W/T N. Stm. <u>o</u> few insects o Skl. 1 ossif. 3 Sk. 397 <u>Collocalia</u> <u>sp. lc</u>. 9 <u>1</u> - 2 Shot 8 A.M. <u>Wt</u>. 8.2 grams Moult Abr. W/T N. Stm. o empty <u>Skl. 1</u> ossif. 2 0 Sk. 398 Zost. flav. min. 9 1 -Shot 7 A.M.? Wt. 8 grams Moult Abr. W/T N. Stm. <u>3</u> insects 4 Skl. Comp. ossif.

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## friday, ittl monost 1990

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Sk. 399	Zost. flav. min. $\sigma$ $\frac{1}{2}$ - (LT $\frac{1}{4}$ RT $\frac{1}{4}$	<u>l</u> +) white
	Shot 6:30 A.M. <u>Wt</u> . 8.5 grams <u>Moult</u> TL (x), nape <u>c</u> <u>Stm</u> . <u>1</u> insects 2	<u>Abr</u> . W/N T/VS <u>Skl</u> . Comp. ossif.
Sk. 400	<u>Zost</u> . <u>flav</u> . <u>min</u> . $\begin{array}{c} \varphi \\ 1 \\ 2 \end{array}$ <u>Shot</u> 6:30 A.M. <u>Wt</u> . 8 grams <u>Moult</u> <u>Stm</u> . <u>1</u> insects, caterpillars <u>4</u>	<u>Abr</u> . W/S T/F <u>Skl</u> . Comp. ossif? damaged
Sk. 401	<u>Zost. flav. min.</u> $\begin{array}{c} 2 \\ 1 \\ 2 \end{array}$ <u>Shot</u> 8-10 A.M. <u>Wt</u> . 7.5 grams <u>Moult</u> <u>Stm.</u> 1 insects <u>4</u>	damaged. LTV <u>Abr</u> . W/T N. <u>Skl</u> ossif. 10
Sk. 402	Shot 8-10 A.M. <u>Wt</u> . 8.9 grams	damaged, 1 supposed ovary found). <u>Abr</u> . W/T VS <u>Skl</u> . Comp. ossif.
Sk. 403	Artamus $9 \frac{1}{2} - \frac{1}{2}$ <u>Iris brown Bill</u> pale blue horn, bla black. <u>Shot 3 P.M. Wt</u> . 33 grams <u>Moult</u> <u>Stm.</u> <u>1</u> beetles 1	ack tip <u>Legs</u> and <u>feet</u> <u>W. 135 Tl.</u> 70 <u>Abr</u> . W/T N. <u>Skl</u> . Comp. ossif.
Sk. 404	Ptlinopus greyi of 3 + <u>4</u> <u>1ris</u> reddish golden <u>Bill</u> dark, grey <u>Legs</u> and <u>feet</u> red <u>Shot</u> 7 A.M. <u>Wt</u> . 99.5 grams <u>W</u> . 1 <u>Moult</u> WR 17-19 sec. covs <u>o</u> <u>nape o</u> <u>Stm</u> . <u>1</u> banyan fig <u>1</u> crop <u>1</u> ditto <u>1</u>	30 <u>T1</u> .82

## Saturday, 13th August 1938

Weather. Sun, cloud and showers, strong SE breeze, clouds 60-80%. Bush. All types. Birds. Usual run seen. Sk. 405A <u>Philemon</u>  $\sigma \frac{1}{2}$  - white Shot 7-9 A.M. <u>Wt</u>. 86.2 grams Moult Abr. W/T N. <u>Stm. 3</u> banyan figs Skl. Comp. ossif. 4 Sk. 405B Philemon US shot damaged. Probably of though the only thing visible looks like an oviduct. Shot 7-9 A.M. Wt. 86.6 grams Moult Abr. W/S T/F <u>Stm</u>. <u>1</u> banyan f**i**gs 4 Skl. Comp. ossif. Sk. 405C Philemon of 3 - white LTV O.K. Noumea mus. Shot sundown previous evening, picked up next morning. Wt. 73 grams Moult Abr. W/T N. Stm. o residue Skl. Comp. ossif. 0 Sk. 405D <u>Philemon</u>  $9 \frac{1}{2}$  - imm. Shot 11 A.M. Wt. 64.4 grams Moult TL covs o Abr. W/T C upper back, nape, crown o <u>l</u> banyan fruit Stm. Skl. 3 ossif. 1 Sk. 405E <u>Collocalia spod</u>. <u>leuc</u>. of <u>3</u> - white 4 Shot 4:30 P.M. <u>Wt</u>. 7.55 grams Moult Abr. W/T N. Stm. 1 insects <u>Skl. 1</u> ossif. Sk. 405F <u>Artamus</u> 9 <u>1</u> - 2 Shot 5 P.M. Wt. 33.5 grams Moult Abr. W/T V.S.S. Stm.  $\frac{3}{4}$  insects, beetles <u>Skl</u>. Comp. ossif.

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Sk. 405G Myzomela of 1 white of ad. Shot 2 P.M. Wt. 8.9 grams Moult W.L (x) Abr. W/T N. Stm 1 insects, nectar, polen Sk1. Comp. ossif. 1 Sk. 405H <u>Coracina</u> of <u>1</u>- black Shot 6 P.M. (dusk) <u>Wt</u>. 163.3 grams Moult Abr. W/T S. <u>Stm.</u> <u>l</u> beetles Skl. Comp. ossif. Sk. 405X Zost. flav. min. 9 1-2 Wt. 9.9 grams Shot 2:30 p.m. Moult W.L. 13 Abr. W/T N. Stm. 1 figs and insects Skl. Comp. ossif. 1 Sk. 405J Zost. flav. min. of 1+ yellowish white. LTV badly shot damaged. OK Nou. Mus. Shot I P.M. Wt. 8.55 grams Moult ? Abr. W/T S. Stm. 1 insects Skl. Comp. ossif. 1 Sk. 405 <u>Zost</u>. <u>lat</u>. <u>mel</u>. 9 <u>3</u> -Shot 3 P.M. Wt. 14.55 grams Moult neck, chin o Abr. W/T N. Stm. 1 seeds Skl. Comp. ossif. 4

# Sunday, 14th August 1938

Weather. Steady soaking rain all day. Clouds 100%.

Log closed for posting.

# Monday, 15th August 1938

Weather. Constant, steady rain with occasional deluges from 4 A.M. till midnight. Ligh N and NW airs, clouds 100%. 56.

Skl. Comp. ossif.

## Manday, 15th August 1928

Monther. Constant, steady rain with occasional deluges from 6 A.H. till midnight. Ligh N and NV sire, clouds 100%.

## Tuesday, 16th August 1938

ST.

<u>Weather</u>. Showers off and on all day, almost constant light S and SE airs, clouds 100%.

Road to Wai still impossible.

# EAST COAST OF ISLAND

# Wednesday, 17th August 1938 WAI (said WAY) route

- <u>Weather</u>. Showers off and on all day, rain heavy on E coast in morning but fining off by midday. Light E airs, clouds 100%.
- Bush. All types crossing island.
- Birds. Noted even in rain Accipiter hunting but immediately rain became heavy it perched. Saw all usual run of birds. 3 Accipiter. Note birds are very much more numerous on E than on W coast. Noted no differences in <u>Rhipidura</u> or any other species except that <u>Ducula</u> is confined to tallish original forest in small patches where such is plentiful. Heard one <u>Tyto</u> calling at 10 P.M.

# Thursday, 18th August 1938

- Weather. Sun and little cloud later, fine and very cold night and early morning, fresh SE breeze from 12 A.M, clouds 30-60%.
- Bush. All types.
- Birds. Saw 5 Accipiter (1 2) and usual run of birds. No Ducula near camp but many Columba. Saw some 20-30 pairs Rhipidura, all the same as W coast. Saw many Zosterops inornata, all the same as W coast and heard none call like Pachycephala, examined 6, saw 33 and heard many more Pachycephala, all d'ad., not a single 9 seen or heard. In places where forest was ringing with calls many of could be observed but no 2. Many Chalcities heard far more plentiful than on W coast. Cocomantis more plentiful also. All species appear to be much more plentiful than W coast. Would have been considerably more suitable had camp than Chepenche, but at both places considerable distances to get all types of shooting are necessary. A bike would be ideal as good roads are everywhere.

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  - dash. All ispes crossing faland.
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    ) Accimitate. Note birds are very much takes manenes be a taken on a const. Noted on differences in birdshore or me other searches meant (but <u>burning</u> is continued to take original torest in small octions such and is given by a continued.

#### Thursday, Link anount 10.3

- Another. Ann and Hittle cloud laver, fire and very and night. and pairs mersing, fresh 20 brance from 16 4,7%, alands 30-60%.
  - veb. All types.
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Sk. 406	<u>Cacomantis</u> of <u>1</u> yellowish (white LT 2	$\frac{3}{4}  \text{RT } \underline{1} - )  \text{Dual}$
	Shot 7:30 A.M. Wt. 45.2 grams	
	Moult TL covs m	Abr. W/T N.
	nape <u>m</u> <u>Stm. l</u> very large, brightly l colored caterpillar	<u>Skl</u> . <u>4</u> ossif.

## Friday, 19th August 1938

Weather. Fine sun and cloud, strong SE wind, clouds 60%.

- Bush. Coastal scrubs, foreshore, etc., coral rock and sand beaches.
- <u>Birds.</u> 2 blue <u>Demigretta</u> seen, a few <u>Tringa</u> and <u>Pluviahus</u>, one unknown wader, short legs, greyish distinct white bar across base of tail, greyish, about size of <u>Tringa</u>, long pointed wing swallowish flight. Considering suitability of foreshore, very few shore birds present possibly because of strong wind and high sea.

Sk. 407 <u>Collocalia esc. urog</u>.  $\sigma' \frac{1}{2}$  (black) <u>Shot</u> 7 A.M. <u>Wt</u>. 5 grams <u>Moult</u> <u>Stm</u>. <u>o</u> empty <u>o</u> empty <u>Skl</u>.  $\frac{1}{4}$  ossif.

Sk. 408Collocalia esc. uroq.  $\begin{array}{c} \begin{array}{c} 2 \\ 3^+ \\ 4 \end{array}$ Shot damaged.Shot 6:55 A.M. $\underbrace{Wt. 5.4 \text{ grams}}_{\underline{Moult} \ WL \ (x)}$  $\underbrace{Abr. W/N \ T/V.S.}_{\underline{Stm} \ \underline{1} \ insects}$ Stm 1 $\underbrace{insects}_{\underline{4}}$  $\underbrace{Shot \ (x)}_{\underline{5} \ \underline{1} \ \underline{0} \ 0 \ \underline{5} \$ 

## Saturday, 20th August 1938

Weather. Rain off and on all day, clouds 60-80- 100%, SE breeze.

- Bush. Tall original forest.
- Birds. Usual run seen. All day after <u>Ducula pacifica</u>, one only heard. Weather unsuitable for this or any other species. Several hundred Pachycephala (d) seen and not 1 Q. Several times 3 and 4 and 5 d seen in combat or in groups with crests raised and in 2 cases some were shot but all were d. Will later shoot 20 d and

58.

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examine. 3 Accipiter seen (2 d and 1 9 ad)? Who said imm. outnumber adults. Certainly not my experience. <u>Turdus</u> is almost if not already extinct. No <u>Trichoglossus</u> has been seen or heard by me but this species is said to be present 25 or 30 miles south of here, will go there next week. <u>Porphyrio</u> is rare even natives admit, was once commong but now rare, as is also the case with <u>Poryana ciniriu</u> (native name INIDELL) one of the former has been caught by dogs in the last year (during eclipse moult probably) and 2 of the latter in the last 3 years. <u>Tyto</u> seems more common here by all account but I have only heard one, it is probably still in retirement. No proof of New Zealand <u>Chalcities</u> yet in some 8 or 9 species shot and measured.

## Sunday, 21st August 1938

- <u>Weather</u>. Dull, cloudy, overcast, almost constant rain and shower, strong ESE wind, cloud 100%.
- <u>Birds</u>. Noted cunning of <u>Accipiter</u> in attacking domestic fowls when folks are in church, probably associates the bell with absence of people.

## Monday, 22nd August 1938

- Weather. Cloudy, overcast, showers off and on all day, slowly fining, strong ESE wind, clouds 100%.
- Bush. Gardens, forest, and small patches grassland.
- Birds. All day after <u>Porphyrio</u> and <u>Ducula</u>. No <u>Porphyrio</u> seen or heard or signs seen of their perching. This species is at present evidently very rare though natives speak of its having been common or not ever common but more numerous before. All speak of Lifu as being no good for this species, "Caledonia he good, place belong him Caledonia." No <u>Ducula</u> seen. 2 <u>Columba</u> only seen. 1 <u>Accipiter</u>.

## Tuesday, 23rd August 1938

Weather. Dull, cloudy, odd showers, light N airs. Clouds 100%.

Bush. All types.

59.

Inc. outnumber adults. Artisials and a somilars. Torong is simult if and drawd by as into this secies slosson has been seen or beard by as int this secies will as there are seen or beard by as into the secies will as there are set and. <u>Morraris is the man</u> will as there are set and. <u>Morraris is the man</u> will as the see with <u>Torona sinitation</u> in the secies at the last wat (during solition mult scaled), and is the last wat (during solition mult scaled), and is is a last wat (during solition mult scaled), and is is a last wat (during solition mult scaled), and is is a last wat (during solition mult scaled), and is is a last wat (during solition mult scaled), and is is and the last of a fin the last of the solition is is a solition of the solition mult scaled of the is is a solition of the solition of the solition of the is a solition of the solition of the solition of the is a solition of the solition of the solition of the is a solition of the solition of the solition of the is a solition of the solition of the solition of the is a solition of the solition of the solition of the is a solition of the solition of the solition of the is a solition of the solition of the solition of the is a solition of the solition of the solition of the is a solition of the solition of the solition of the is a solition of the solition of the solition of the is a solition of the solition of the solition of the is a solition of the solition of the solition of the is a solition of the solition of the solition of the is a solition of the solition of the solition of the solition of the is a solition of the is a solition of the solition of th

## Sendant, 121 Januari

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  - stress. Moded cumins of facilities in attacking domestic faults when folls are in charon, acoustly associates the belt with absence of media.

## BENT TRIANS LINES . Mahaner

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- Hola. Alt day after <u>membyrin</u> and <u>ments</u>. In <u>Perspects</u> then or hand or signs sum of their mechanism. Out the is at present withoutly vary rura though nativer speak of its having been common or not over common but more numerous before. All speak of time as being no good for this species, 'Estatorie in good, nime teling him for this species, 'Estatorie in good, nime teling him failedonis.'' No <u>Bualla</u> sere. I minute teling him i Accipiter.

## Townshire, 22rd in one Inth.

Vancher, 2011, cloudy, and shreeve, bight - sive. Cloude 1025.

Birds. Usual run seen. 1 Accipiter seen. Al day after ? Pachycephala. Of over 50 Pachycephala seen only one ? was recorded and shot. Whether ? are nesting and refuse to have nest or not is doubtful, personally observer believes they are very much in minority. 2 Ducula heard calling. 1 Tyto heard on road after dark when returning to camp, attempt to shoot it failed. Note: Note today <u>Chalcities</u> have increast 100-150% though of 4 specimens shot all were <u>C. lucidus</u> (wing under 100) Possibly it is a district gathering for mating as numbers in small mobs, calling much and greatly excited were observed in several places. 60.

Sk. 409 <u>Pachycephala</u> 9 <u>1</u>+ 0.S.E. 9 plumage. Close to breeding. <u>Shot</u> 3:30 P.M. <u>Wt</u>. 45.9 grams <u>W</u>. 100 <u>T1</u>. 72 <u>Moult</u> <u>Abr</u>. W/T N <u>Stm</u>. <u>1</u> insects, beetles, molluscs <u>Skl</u>. Comp. ossif.

# Wednesday, 24th August 1938

- Weather. Dull, cloudy, overcast, light N airs, clouds 100%. Odd showers.
- Bush. All types.
- Birds. Usual run seen. Many of Pachy, no 9 seen. 1 Accipiter seen in dense forest and shot but lost in underbrush of ferns, etc. Chalcities very numerous and calling much, do not think they are N.Z. migrants but local bird mating. They seem to be in a state of great excitement and gather in parties of 20 and 30 and more, seem to be coming all the time, call much, not their usual calls but shorter, more excited notes. If they were migrants, one would think they were preparing to migrate. This may be an old instinct making its appearance. Personally I believe these birds are nomadic, i.e., northern birds move southward Solomons to N.H. to Loyalties - Loyalties to N.C., otherwise it is hard to account for their regular appearance and disapperance on Aniwa and other southern N.H. islands where they have no parasite Gerygone. Saw definite Poryana tabuensis which crossed road within 3 ft. of where observer was standing. It appeared more browny on the back and to have a heavier bill and longer legs than the N.H. specimens, though as it was a very rapid sight one could not be certain of that. The red eye was, of course, the most conspicious feature.

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#### Madmanday, 24th August 1911

Manther, Doll, cloudy, pystcast, light H airs, clouds 100%.

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Mind: Usual run samo. Namo ' Yoohy, no 2 sam. I Accieltate samo in Assas forest and shot her inst in undervices with forms, etc. Chalisies very mumerus: and caling much, do non third they are 3.2. migrants and taking bird mailer. They ease to be in a state of grast maximum of the under they are 1.1. migrants and the maximum of the saming all the class. If their man and the instance, are would think them are presented and man algebra. While are been all institute these these manifestication of the saming all the state of the man algebra. While are would think the these without algebra. While are be an ald institute making its migrant. As is and the samile in the same data man algebra. The areas is a samile the same test here and discourse are another that the same test here is is bard to covere the same the test and the little is bard to example is have another and algebra is is bard to covere an another test and the is is bard to the same test is another and and discourse are also and the same test here is the test test and the same test is another is the test test and the same test is an algebra and discourse are also and the test and the is the test react the test and the test is another is the test react the test and the test and the test is the test react the test and the test and the test is the test react the test and the test and the test is the test react the test and the test and the test is the test react test is the test and the test and the test is the test react test test and the test and the test is the test react test test and the test and the test and the test react test test and test and the test test and the test react test test and test and test and test and the test and No <u>Ducula</u> seen or heard. This seems definitely confined to certain small areas but moves from area to area following the fruiting of its food trees. -6t.

2 owls shot after dark. 1 only found, other may be found in daylight.

 Sk. 410
 Tyto
 9 3- 0.S.E. (passed breeding)
 New Moon

 Iris
 dark brown
 Bill
 white horn
 Legs
 and feet
 dirty

 white.
 Numerous
 spots
 unders.
 Very, very
 verminious.

 Shot
 7
 P.M.
 Wt.
 246
 grams
 W.
 267
 T1.
 114

 Moult
 RW
 (x)
 Abr.
 W/T N.
 venty
 venty
 belly o
 breast m

 Stm.
 o
 empty
 Sk1.
 Comp. ossif.

## Thursday, 25th August 1938

- Weather. Dull showers off and on, strong N then calm, then heavy rain and thunder storms from 2 P.M. onwards. Clouds 100%.
- <u>Birds</u>. Saw 1 <u>Frigata</u> (?) pass low overhead towards E. Heard 1 <u>Tyto</u> calling as it passed overhead about 10 P.M. during few minutes lull in heavy rain. A stronger skutch than usual.

# Friday, 26th August 1938

- <u>Weather</u>. Strong N and NE wind, heavy rain off and on and showers almost constant, slowly clearing up later. Clouds 100% from 4 P.M. onwards.
- <u>Birds</u>. During shower 1 <u>Accipiter</u> sheltering in banyan watching domestic chickens, seen and shot. Another a Q adult flew from far side of same banyan but not noticed before shooting.

 Sk. 411
 Accipiter of 1++ (LT 1.95 grams RT 2.25 grams Tot 42 grams)

 1
 25 x 12 mm.
 27 x 13 mm.

 Shot 10 A.M.
 Wt. 241 grams
 Shot damaged.

 Moult
 Abr. W/T.S.
 Some body abr., up. chin.

 Stm.
 o
 empty
 Sk1.

 o
 Sk1.
 Comp. ossif.

## Saturday, 27th August 1938

Weather. Clear, fine and sunny, light NW airs, clouds 20%.

- heavy rain and Linusher storms from 2 1.1. monords.
  - dista. Soul [Plants (1) uses in obsthese from the 2. Named [ Dits calling as it presed swerts ad chang 10 F.M. during few similar [10] is barys with. 5 stronger shutch shar went].

# felder, the many shall

- Settler, Strong H and M Olds, heavy release and an and standing almost constant, almaly charries on leater. Charle they from h P.R. councies.
- Minder. And abover 1 Accinity: Shaltshing in Merris antshing Accessis abichers, seen and shat, anather 1 sabit flat (rem for side of same baryon has and anticad bafors shouting.

#### series and the series of the

and starts when in the real grant, then and really first and

Bush. All types.

Birds. Usual run. 2 Accipiter seen. No 9 Pachy seen in 30 odd of seen. No <u>Ducula</u> seen or heard. No <u>Turdus</u> seen or heard. Note in the interior of the island amost all the indiginious snails (large couch type) are dead and live ones are hard to find, these are <u>Turdus</u> principal food. 1 <u>Sterna bergii</u> seen flying along coast. 62.

Sk. 412Tyto  $\begin{array}{c} 9 \\ 4 \end{array}$ Badly shot damaged.Shot 8 P.M.Wt. 320 gramsMoultWR (x)Abr. W/T SL (x)all uppers m, all unders mStm.1 fur and bone of ratSkl. Comp. ossif.

Sk. 413 Tyto 9 1-2 Shot and wounded night of 25th, found on the 27th nearly dead. Very verminious. <u>Wt.</u> 219 grams <u>Moult</u> All unders 0 <u>Abr</u>. W/T S. <u>Stm</u>. 0 empty 0

# Sunday, 28th August 1938

Weather. Fine, sunny, clouds 10-20%, light N airs.

Rode across island and back on a push bike and wish to God I hadn't. Noted 5 <u>Accipiter</u> all adult (2 9, 3 ď) I Tyto just at dusk on return. Saw 2 <u>Ducula</u> in flight. Noted the whole way across <u>Chalcities</u> very, very numerous and apparently still increasing, at least a 400% increase in the last 4 days. All very excited and calling much and gathering in parties.

# Monday, 29th August 1938

Weather. Calm, clear, sunny, light N airs, clouds 50%.

- Bush. All types.
- Birds. Usual run seen, 2 9 Accipiter, 1 shot. Chalcities still very excited, 2 shot, both wings under 100.

tive. Name row of galation and an of a stars in the second of a se

### Sundary, 28th August 197

weiler, Fine, sunny, cloude 10-000, linke U vive,

Mode across island and have on a post bits and wish to Sod I hata'r. Hotad 5 Accisitar all adult 12 9, 3 40 hored the shak any externs <u>Coldition</u> warp, warp numercute and appacently still increasing, at facts a wish intractor. In the last 5 days. All vary maited and califing much any pathering in marties.

#### STOIL TRANSACT MARTY ......

in there, Calm, class, survey, light H stra, clouds Smr.

- . negy / 148 . right
- still bury seen, 2 V Accisizari, 1 shot. chelcizian

1 rat collected, put in alcohol.

Sk. 414 <u>Tyto</u> of <u>1</u>- white 2

Shot8:30 P.M. on night of 27th, not found till nightof 28th at 10 P.M., wounded and unable to fly and nearlydead.Wt. 231.5 gramsMoultAbr. W/T N.Stm. oemptyo

-63.

N.B. It is possible that the skulls of Sks. No. 410, 413 (and 415 possibly but no so much so) are immature specimens as the bones seem less ancient than in No. 411 and in 415. But it is possible that those with apparently younger bones are specimens which are sick and anemic as both were had many parasitic abdomonal worms and apparently in poor health. Noting calls in the field and flights it appears as if the natives are correct in saying there are a wak sort and a strong sort. Another possibility is that the hurricane which doubtless brought Ducula and Trichoglossus and probably Turdus to Lifu from the N.H. or elsewhere (? Rennell Island) brought another sub species of Tyto which has bred into an original paler, smaller, weaker sub species and causes very wide variation in the species on the island today. Judging by my knowledge of the N.H. birds if N.H. was the origin of Ducula and Trichoglossus and Turdus on Lifu. Erromana ls. appears to me to be the most likely place they came from. This would also possibly account for Coracina here. Certainly from descriptions of the Turdus that was here seem to be close to the Erromangaspecies. It must apparently have been a narrow strip cyclone, as Tanna and Aneityum do not seem to be represented though closer but possibly because of the curling motion of such storms. Tanna and Aneityum species were carried more towards the SE of Caledonia or perished at sea off that area.

# Monday, 29th August 1938

It would be interesting to see how such forms as <u>Myzomela</u> and <u>Lichmera</u> compare between Lifu and <u>Erromanga</u> (N.H.) The presence of <u>Zosterops</u> inornata which may be similar to <u>Woodfordu</u> of Rennel Is. and the presence of <u>Accipiter</u> on Rennel might make comparisons with those areas worth . /onosin at 100 , he contico day 1

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stort 2:30 F.A. on Alana of 17th, and found 1111 minut of 2314 at 10 F.D., wateriad and constants to fly and manip doub. 25. 231.5 grant could

every and have a stated over the sector of the sector as most

### the sugar due . . .

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while. Also the similarity of Zosterops lateralis of the Loyalties and Tanna is of interest. One would expect the species of the Loyalties to be smaller as these islands are very infertile compared to such an island as Tanna and even Aniwa is much more fertile than even Mare Is. which is the most fertile of the Loyalties and somewhat similar to Aniwa but much larger. Personally I think most of the bird life of the N.H. and Loyalties has come downwards from the northward. (i.e., Solomons, etc.) as a general decrease in the numbers of species is noticeable coming from north to south if one excludes wide ranging hawks, etc. Unfortunately I did not get any owls on Erromanga for a comparison with Lifu but I think a comparison of Ducula, Trighoglossus, Turdus (by exchange) Lichmera, Myzomela, Coracina would be of interest but such species as Pachycephala, Zosterops inornata and possibly Turdus even would make a comparison with Rennell of interest.

Sk. 415 Accipiter  $9 \frac{1}{1}$  0.M.E. Apparently has a double ovary

but only 1 oviduct visible. <u>Shot</u> 7 A.M. <u>Wt</u>. 346 grams (?) <u>Moult</u> W.R. 2 <u>Stm. o</u> residue, beetles o

Abr. W/S T/F Skl. Comp. ossif. 160

This bird had evidently been badly wounded in one leg by a previous long shot of mine. Wound was gangrenous and bird appeared thin and wak but even so was attacking domestic chickens very savagely when shot.

Sk. 416 <u>Columba</u> 9 <u>1</u>- repose

IrisorangeBillredand whiteLegsandfeetredShot8:30A.M.Wt.456.5gramsW.235T1.165MoultAllundersxchincAbr.W/TN.Stm.1bluevineberries, cropdittoSkl.Comp.ossif.

<u>Pluvalius</u> of <u>1</u> white Native name THEAR. <u>2</u> <u>Wt</u>. 116.5 grams <u>Shot</u> 3 P.M. Not as fat as usual for this species. Arrived back here in August. A fery few remain all the year, possibly immatures. <u>Stm. 1</u> crabs and grit the H.H. and Loyal titles has core do-multic from the merits Ski. Creek. ossie. second -1 Palasia di .it 1005 8:34 6.6. Mr. 55.5 mean M. 215 71. 195 the i blue vine barries, crop ditte 521. Gerp. call.

Sk. 417Columba of 1- white<br/>2A great number of lice on chin.Shot 3:30P.M. $\underline{Wt}$ . 373 grams<br/> $\underline{W}$ . 235 $\underline{T1}$ . 166Moult<br/>Stm. $\underline{Abr}$ .W/T N.Stm.1blue vine berries $\underline{Sk1}$ .9Not as fat as usual for pigeons.Not as fat as usual for pigeons.

#### Tuesday, 30th August 1938

- Weather. Fine, sun and cloud, light SE airs, clouds variable 6-8 A.M. 80%, 8-12 A.M. 40%, 12-6 P.M Nil, 6-10 P.M. 60%.
- <u>Bush</u>. All types along east coast, centre of island and south centre (per bicycle)
- <u>Birds</u>. Very early (from before dawn) in areas where <u>Ducula</u> were said to be common and in which local policeman has recently shot them, not one seen or heard till late in afternoon in an area in the S centre 1 was heard and shot. During middle day attempts to obtain <u>Porphyrio</u> were made with dogs in gardens where a pair was recently reported but none were seen nor were any tracks seen. When returning along road at dusk and moonlight, 3 <u>Tyto</u> were observed in flight. In all areas visited the number and prominence of <u>Chalcities</u> was noted and their excited state and much calling, 2 were shot but appeared like <u>layardi</u> except one was exceedingly small.

Sk. 418 <u>Ducula of 1</u>+ white LT <u>3</u> RT <u>1</u> LT RT <u>2</u> <u>4</u> <u>2</u> <u>1ris strawberry Bill</u> black <u>nob small bare skin at</u> eye dove grey <u>legs and feet</u> crimson <u>Shot 5 P.M. Wt. 467 grams W. 229 T1. 137</u> <u>Moult</u> <u>Abr. W/T F.</u> <u>Stm. 1</u> forest plums <u>Skl</u>. Comp. ossif.

- Sk. 419 <u>Chalcities</u> of  $3^+$  white 4<u>Shot</u> 1 P.M. <u>Wt</u>. 18.7 grams <u>W</u>. 94 <u>Moult</u> <u>Stm.</u> 1 caterpillars 2<u>Abr</u>. W/T F <u>Skl</u>. 1 ossif. 1 3<u>4</u>
- Sk. 420 <u>Cacomantis</u> of <u>1</u>+ white 2 <u>Shot</u> 4 P.M. <u>Wt</u>. 43.5 grams <u>Moult</u> TL covs <u>o</u> <u>Stm. 1 caterpillars</u>

Abr. W/N T/V.S. Skl. 1 161

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Sk. 421 <u>Tyto</u> <u>2</u> - repose <u>2</u> <u>Shot</u> 8 A.M. <u>Wt</u>. 319.5 grams <u>Moult</u> All unders <u>o</u> <u>Stm. 1</u> residue, bones <u>4</u> and feet or feathers

<u>Abr</u>. W/T VS <u>Skl</u>. Comp. ossif. 66.

# Wednesday, 31st August 1938

- Weather. Fine, clear, sunny, light SE breeze, clouds variable 80-10%.
- <u>Bush</u>. Native gardens in forest, 2nd year gardens, langlang grass patches.
- <u>Birds</u>. Usual run seen. Before daylight and in evening after <u>Porphyrio</u> with dogs, none seen or heard, during day after <u>Ducula</u> and seen and shot at long range but lost in rocky crevices of coral in forest.
- Sk. 422 Tyto 9 3- 0.V.S.E.

4

Shot 6 P.M. dusk.Wt. 292.2 gramsMoultAbr. W/T VSStm. o emptySkl. Comp. ossif.oO

# Thursday, 1st September 1938

Weather. Clear, sunny, light SE breeze, clouds 40-60%.

- Bush. All types.
- <u>Birds</u>. Usual run seen. I <u>Circus</u> seen, white unders. All day spent looking for <u>Ducula</u> at Thosip on the SE of island. None were seen and all fruit trees had no fruit. Natives reported that a month ago, they were very numerous in that area and this accords with the state of the fruit trees which were about a month fast fruiting and by the amount of seeds on the ground under them, many seeds evidently having been ejected by <u>Ducula</u>. Natives do not know where they have all gone to and I have had no reports from other areas of any numbers, odd ones being reported here and there.

<u>Trichoglossus</u>. Also previously fairly numerous hereabouts were Trichoglossus but in recent years they have disappeared. Am going tomorrow to Thodi in the south where a few are reported to be present at this date. The P A.A. Mr. 119.5 process

These could be

# final second said , where they

- inter, time, shear, summy, light of browny, clouds variable
- one, Mutive parters in Versat, 2nd year parters, Instand, main grass patches.
- inde. Head has been. Herene daylight and in sometrin attar investoring with down, num sear of heard, during day after <u>Decuin</u> and sear and above at long rooms but inst in rooty scating of oursel in forcest.

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Thursday, 1st Journal 195

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(a) Utual run anama, I <u>ligned</u> and, white uniter, all say a sound institut for <u>Bucula</u> or thesic as the is of Island, there are the is at island, there are an and all fords trans and all fords trans and the restrict the trans and this second a with the trans the trans of the Yruit the trans which are about a much the trans trans of the Yruit the trans which are about a much the trans trans of the Yruit the trans trans and the mount of and a much the trans trans to the trait of the trans trans the trans the

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#### Friday, 2nd September 1938

Weather. Fine, clear, sunny, calm, clouds 10%.

Bush. All types principally tall forest (original).

Birds. Usual run seen. No <u>Trichoglossus</u> seen at all. A native brought to camp 1 adult and 1 juvenile <u>Ducula</u> which he had shot the previous day in the S centre of island. Adult had evidently been feeding on the ground on fallen fruit. Shot my <u>Ducula</u> at 3 P.M. Natives say <u>Tricho-</u> <u>glossus</u> has been absent for 3 years or at least 2 years. 1 Accipiter seen and shot. 67.

Sk. 423 <u>Ducula of 1</u> white Shot south centre of island by native Considerable stains on breast of blood which could not be removed in camp as no peroxide on hand. <u>Shot 7 A.M. Wt. 502.3 grams</u> <u>Moult</u> <u>Abr. W/N T/S Stm. Blue tree fruits <u>Skl</u>. Comp. ossif. with large seed. This specimen must have been picking up fallen fruit as its crop had a lot of dirt in it.</u>

 Sk. 424
 Accipiter 9
 1++
 Breeding patch, some discolored

 oocytes 0.M.E., possibly has young in nest.
 Very fat.

 Shot
 5 P.M.
 Wt. 502 grams

 Moult
 TL. L5
 Abr. W/N

 Stm.
 1 domestic chicken
 T/N x 1 prim m

 1 fairly well grown
 Skl.
 Comp. ossif.

 Abr.
 Some belly esp. crown x chin
 Skl.

Sk. 425 <u>Ducula</u> of <u>3</u> - white <u>Shot</u> 3 P.M. <u>Wt</u>. 448.2 grams <u>Moult</u> <u>Stm</u>. <u>1</u> fruits (blue berries) <u>Abr</u>. W/T S. <u>Skl</u>. C.O. <u>19</u> of pigeon 20 form

# Saturday, 3rd September 1938

Weather. Fine, clear, sunny, clouds 20%, light SE breeze.

Bush. All types.

Birds. Usual run seen. I Tyto seen and shot 6 A.M. after sunrise. Accipiter seen and shot 5:30 P.M. Note <u>Chalcities</u> have greatly decreased in numbers or are calling less. Saw nearly 40 of <u>Pachycephala</u> and not a single 9. Saw no Ducula or Trichoglossus tho a native reported presence of one recently

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	Haust run same. No <u>reightedictors</u> same at all. A matter brought is comp 1 wilt and 1 journills <u>could</u> with he had shot the province doy in the 1 coules of island. Addit had evidently been feeding on the provint on falls fruit. How we <u>scula</u> at 3 P.P. Hariyes are <u>friche</u> - <u>dictors</u> has been famile of 3 P.P. Hariyes are <u>friche</u> - <u>dictors</u> has been famile of 3 P.P. Hariyes are <u>friche</u> - <u>is colditor</u> and shot.
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	<pre>boneidermals stains on broast of blood which could not be removed in very as no veroulds on hand. Shot 7 A.H. M 507.3 rows Moult foult Sta. mium team fruits stat. num</pre>
101 .12	Accipitar ? In Breaking natch, some Wiscolored i socytes b.n.K., possibly has young in nast. Wery fat. Shot S F.N. Wr. 200 grams Moult R. 13 Moult R. 13 if an in the source of the source of the i fairly walt aroun <u>201</u> . Dome. cest. Abc. form bolly may, cross x chin
224 .14	Recula of 1 - white Shet 3 F.M. (R. 408.2 yram Mar. 1 Fruite (Mus institut) 1 20 of form 1 20 of form
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tions, where the same of 124 the same and shot a size, siter the rine, <u>designing</u> same and shot is in fine, and the line is the news grantly introduced is combars or are sufficient into the marriy but i barby making and not a single is in an

Tyto 9 1 Sk. 426 Shot 6 A.M. sunrise Wt. 243.2 grams Moult All unders o Abr. W/T N. Stm. o empty, residue, grasshopper Skl. Comp. ossif. 0 Sk. 427 Accipiter 9 3 0.S.E. Denoloured oocytes, nursing 4 fledglings undoubtedly. Shot 5:30 P.M. Wt. 461 grams Moult Nape o, crown, chin c Abr. W/T S. Rump, back, flanks o 1 small bird (? Zosterops inornata) Stm. 1 Crop 1 large aguana lizard Skl. Comp. ossif. By the condition of skull this bird has just passed from the imm. phase to the adult and undoubtedly has breed, probably has nestlings at this time. This species undoubtedly breeds in its first year of adult plumage and probably mates (copulates) while in the immature plumage. Note the unworn condition of plumage and deep coloured marking possibly due to its having been at rest while brooding and immediately after moult and mating. l rat put in alcohol. 1 bat (insectiverious) put in alcohol. 2 mammals like rate and fruit bat (small reddish type of 2 present on Lifu). Sunday, 4th September 1938 Weather. Fine, clear, sunny, cold southerly wind, clouds 10-20%. In camp all day. Saw one Sterna bergii (?) some distance out to see fishing near reef break. Saw 1 Circus flying

-68-

Monday, 5th September 1938

Weather. Fine, clear, sunny, light S wind, clouds 20%.

Along coast all day after Demigretta, none seen. 2 <u>Accipiter</u> seen and 1 <u>Falco</u>.

Put 1 mouse in alcohol.

high.

. Lowest in alassed 1 200

#### Tuesday, 6th September 1938

Weather. Fine, clear, sunny, fresh SE breeze, clouds 20%.

Shifting camp across island.

1 mammal, rat skin, 1 rat in alcohol. Mice and several insect bats in alcohol.

# Wednesday, 7th September 1938

<u>Weather</u>. Fine, clear, sunny, fresh SE breeze, clouds 60%. 4 P.M. wind died down owing to N through E and clouds 100%.

Packing skins, etc.

Left Lifu 14th September, on 16th noted great numbers of petrels off Goro and Yate in the SE of Caledonia. 4 species noted. <u>P. Ruficus</u> (?) P. <u>thermincri nugax</u> (?) another black and white about the same size ? and <u>Frigatta alboguleri</u> ?

Local resident advised that on 3-5th October a constant stream of petrels on migration. Passed all along NE side of island from NW to SE direction about 4 miles off shore. services fires class, summy, track it breves, classic summer

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Light Life lash Sections: on life noted great numbers of petrals off hars and bars in the SE of Islandonic. A sension noted. P. Loficus [1] 7. therefore i nume [1] another black and white about the sume size " and [1] interests allogular]

Local resident mivismi suit on 1-51% Debohar a constant stream of patrals on migration. Passed all signo NE side of issand from W to 5t direction shout 9 miles off shore.

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