# JOURNAL

Phaeton
19.32°S lat.
170.0.2. E lat.

Rawa.
7 pieces.

1937.

MAY 19 Note Zosterops flav. seem to be mostly juvenile of 5 shot all were juvenile only SK505 worth skinning, others had bare chins, longest primaries moulting ect. Whereas Z. lat. seems to have or almost completed moult. Poss these Zfla being juv. makes their moult later. 2 examples fully examined on opposite page.

WEDNESDAY 19TH MAY, 1937.

Red dawn, Dull cloudy, overcast, thundery, rain at 1.30PM –

ER199 ZOSTEROPS LAT. ♂ ½- white

SK504 Shot 8AM in clump hardwood scrub ~~[illegible]~~ weeds grass & some underbrush. 800 ASL. N.D.B.

TOT. 144 BL 39 W 72 TL. 54.5.

MOULT W: R. 1, 2F, 13, L. 1, 2F, 13, TL. R.3, covs o. rump crown o. flanks, belly o. ABR W/T N. STM ¾ grubs, bulbs, insects. SKL comp ossif

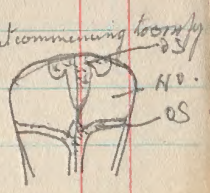
ER200 ZOSTEROPS FLAV. ♂ ¼ white. poor skin

SK505 Shot 8.30AM in clump hardwood scrub ~~good cover~~ much cover & thick low weedy grassy underbrush. 800' ASL N.D.B.

Appears to be juvenile paleish unders. * BL poss. enlarged by over injection formalin.

TOT 132 BL 37* W. 61 (L) TL 43.5.

MOULT Nil ABR W/T N. & V.S. STM 1 caterpillars.* SKL just commencing to ossify




* Note the stomach has three or four caterpillar skins in it, all contents gone, but in larger + small bowel bottle much distended by white thick fluid (of grubs?) causing greater body length. Fluid evidently goes first from stomach.

ER201. ZOST. FLAV.

(1) ♀ ½- ad. Shot same place as above up to 10AM. 5 specimens taken 2 typical specimens herewith. N.D.B.

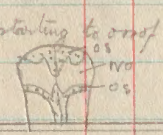
TOT. 132 BL 33 W. 60 TL 43.5 BG 18 BC 15.5 TR 19.5.

MOULT W: R 1-3, 4F. L. 1, 3, 4F. p.c. O. und. covs M. ABR W/T V.S. STM ¼ short seeds, insects SKL comp ossif.

TL: L. 5. un covs o. nape G crown M all unders O neck M chin A.

ER202 (2) TOT. 133 BL 34 W 59 TL 42 BG 19 BC 18 TR 19. ♀ ⁰/₀ +

MOULT nape crown O ~~pur~~ neck M chin all ABR W/T N. STM ¼ insects SKL just starting to ossif.



1937

MAY 20th Most plovers down have migrated about 28th April to 4th May but odd few are still about & I saw a number (200 odd) together & calling plain plumage.

Observers ♀ 1/4 + ditto Z L (500) STM 1/4 miles Santa.

THURSDAY 20TH MAY 1937.

Dull, raining off & on. 1 inch rain.

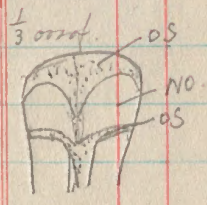
ER203 ZOSTEROPS LAT. ♀ 1/4 -

SK506 Shot 2.30PM, feeding in sida retusa near ground open grassland 300 yds from nearest patch scrub but with odd isolated trees within 100 yds. 800' ASL. N.D.B.

apparently juvenile.

TOT. 130 BL 33 W(L) 65 TL 44+.

MOULT W.R. ⊗ NIL. ABR W/N T/F. STM 3/4 insects. SKL.



Charlie's compass & file -

FRIDAY 21st MAY 1937.

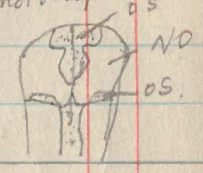
Dull cloudy, skiffs rain, after ½ hour ⊘ night, weather getting finer.

ER204 SK507. ZOSTEROPS FLAV. ♂ ¼ - white.

Shot 9 A.M. in isolated hardwood trees in open grassland, 150 yds from clump of scrub. N.D.B.

TOT 137. BL 36.5 W 61 TL 45.

MOULT crown ⊘ fur chin ⊘. ABR W/VS. T/VS. STM ½ caterpillars. SKL. not ossified.




ER205 SK508. ZOSTEROPS FLAV ♀ ¾ O.G.E.

Shot 3.30 P.M. open grassland few isolated trees, 300 yds from clump scrub. 800 ASL. N.D.B.

TOT 122 BL 33 W 61 TL 43.

MOULT W.R.4. L.4. back M nape ⊘ belly flashes M. breast ⊘ ABR. W/T N. STM ¼ beetles. SKL. compossf.

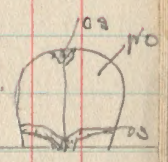
ER206 SK509 SPIRIT TAG 26. ZOSTEROPS FLAV. ♀ ¼ IMM

Ditto above.

Bird very fat

TOT 122 BL 35. W 60 TL 41

MOULT NIL ABR W/T N. STM. ⊘ empty. has 2 thin stomach parasite worms. Put in spirit tag NO 26. SKL. not ossf.



SATURDAY MAY 22nd. 1937.
Fine, cloud & sun.

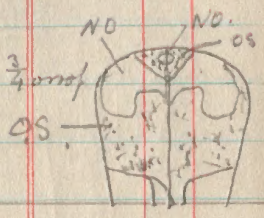
ERR07 PACHYCEPHALA ♂ ½- LT. greyish. RT. white. O.G. flat. ♀ plumage, SUBAD.

SK510. Shot 4:30PM in scrubby gully, 600'ASL, near steep slope to sea, with tbl found ND8.

~~TB~~ Thick ♂ SUBAD.

TOT 170. BL 50 W. 88·5. TL 65.

MOULT NIL ABR. W/TN. STM ¾ unobtrusive. SKL ¾ ossif. with unset egg.



ERROMANGA Fs.

28/5/37. For 4 days have been closely studying Zost flav. & am still undecided whether there are 2 spec of it present on Erromanga. One paler grey back & paler unders & slightly larger. have no idea. I sent one such away by post. Possibly the over moult is responsable for the apparent variation.

SUNDAY 23rd MAY, 1937.

Fine sunny SE wind & weather.

ER208 HIRUNDO ♂ 1/4 white RT 1/2 - LT 1/4 -

SK511 Shot 2PM perched in ~~dead~~ tree in open grassland some 300 yds from any patch scrub, 800' ASL North Dillons Bay.

Somewhat shot damaged espec. Lwing.

TOT. 145. BL 45. W 115. TL outer 52.

MOULT NIL ABR W/T.N. STM 1/1 bulks insects. SKL compowof

WEDNESDAY, 26th MAY, 1937.

Fine Sunny.

ER209 CLYTORNCHYUS. ♀ 0/0+ JUV. (young of SK 513)

SK 512 Shot 12 A.M. for tall forest scanty undergrowth, trees close & pole like, with family party.

Trees tall 60-70 feet with lot of small secondary lines running up to 30 ft. Lives mostly in trees from 5 ft to 25 ft. Social with birds of own species. 600-800 ft ASL. in serated hills of central saddle area. North central area or Southern part of Northern area.

Bill completely black, gape soft yellowish. Bird very fat.

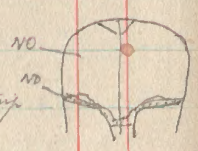
TOT 197. BL. 54. W 88 TL 78

MOULT W. seconds + covs M. ABR W/T.N.

TL covs. A
rump back nape A to M X crown O.
all unders M X chin C.

STM 1/1 insects, crickets.

SKL not ossified X above eyes in narrow strip




ER210 CLYTORNCHYUS ♀ 3/4- O.S.E.

SK513. Ditto above parent of skin 512.

TOT. 198. BL. 54. W. 89 TL 76.5.

MOULT NIL ABR W/T.N. STM 1/1 insects crickets. SKL comp ossif.

ZOSTEROPS FLAV ♀ 1/2+

ER211 Shot 5. P.M. fine sunny feeding on ground in tall forest country, many patches low scrub & forest & few open

SK514 savanahs, 400' ASL. Rough strip ridges & gullies. Cook River valley (W side) NE Erromanga (S.W. & POTNARIVEN)

~~TOT~~ Has lice at base of tail.

TOT 134 BL 33 W 60 TL 41

MOULT Nil. ABR W/T.N. STM 1/1 insects. SKL comp ossifiel.

SUNDAY 30TH MAY, 1937

fine, Dull cloudy later sun + cloud

ER212 ♂ SK515 **LIOHMERA** ♂ 3/4 - U.T. L.T. 3/4 R.T. 1/2 } white.

In coconuts in village 6.15AM sunrise. 2000'ASL. steep ridges + deep gully ect. Hill rugged country. Tall forrest much secondry growth + good deal ferns + underbrush, many vines. ect (kauri forrest)

Has 3 worm parasites in eye, corner under lid, thin white (pinkish tinge) 4+5 mm long.

TOT 170 BL 35 W 77 TL 66.

MOULT Nil. ABR W/T Nil. STM 3/4 minute insects SKL comp ossif

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ER 213 ♂ SK516 **CLYTORNCHYUS** ♂ 3/4 O.T. { R.T. white 1/2 + L.T. black 1 - }

Shot 9.30AM Dense tall forrest many vines, much secondry trees + good deal ferns + underbrush 2-2500'ASL

SKL comp ossif. Palin ~~gum~~.

damaged in transit

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ER 214 ♀ AD SK517 **PACHYCEPHALA** ♀ 3/4 - O.S.E.

Shot 7AM. Dense forrest, many tall trees (kauri pine ect) many vines, much secondry trees + good deal ferns + underbrush 2-2500' ASL Central Mountains, Rugged, deep steep gullies + ridges. Inhabits secondry trees + low brush, nest in low brush often within 3 or 4ft of ground. Common in area.

Brighter than at lower levels but variation gradual + intermingled with reddish breast, many males at this altitude have an almost warm orange tint in the yellow but as many are indistinguishable from the paler yellow of lower levels. ♀ show a general tendency towards warmer tinged unders but the males vary greatly without ~~about~~ any definate lines of demarkation. Poss this is due to moult condition. young ♂ may show a warmer brown on back but are ~~almost~~ most indistinguishable from those at lower levels. Rare test in area. put in details in log.

TOT 164 W 86 TL 63.

MOULT chin 0 (fur) ABR W/T Nil. STM 1/1 insects, berries, molluscs. SKL comp. ossif.

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ER 215 ♂ IMM. SK518 **HALCYON** ♂ 1/4 IMM. O.T. LT. black RT. white

Shot 10AM in tall forrest (much kauri pine) much secondry trees, vines, + good deal underbrush ferns wild kava ect. 2-2500 ASL. Central Mts. ENE South River SE Bunkil Bay. Rugged deep steep gullies + ridges.

Generally near water (but water common in area). Fairly common but not as common as at lower levels.

Specimen very fat.

MOULT much chin 0 ABR W/T Nil STM 1/1 insects, grubs. SKL partly ossif.

JUNE
5/6/37. saw Myagra copulating. fawtail ect, erects crest.

SUNDAY 30TH MAY 1937 (CONT)

Fine dull cloudy later sun + cloud.

ER216 ♂ ZOSTEROPS LAT. ♂ ½ - white.

SK519 Shot 11 AM in secondry growth in old native garden patch. 2-2500' ASL Tall forrest much kawri pine, much secondry trees + vines, + good deal undrbrush, wild kava, ferns, shrubs. Central Mts. ENE South River SE Bumbul Bay. Rugged, deep steep valleys + canyons + ridges.

Not very common in area + generally found where more open small patches of forrest appear, does feed in tree tops of tall forrest + in secondry growth.

MOULT W. odd inner prim. ABR W/T. N. STM ¾ chillies (red peppers). SKL comp orref.
chin C

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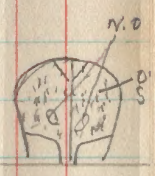
ER217 ♀ ZOSTEROPS FLAV. ♀ ¼ +.

SK520 Shot 11·30 AM in secondry tree, in tall forrest (much kawri pine) with much secondry trees + vine, + good deal undrbrush, wild kava, ferns, ect 2-2500' ASL. Central Mts. Erro. ENE South River SE Bumbul. Rugged country deep steep gullies + gorges + ridges.

Common in area, feeds mostly in secondry trees, amongst convolvous vines ect, in low bushes + scrub + often on or near ground.

MOULT Nil ABR W/T. N STM ¼ insects, seeds, SKL ⅞ comp fed 2 small patches N. ovf.

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Describe track. Bush ect in survey of area.

Describe individual birds.

Heard of Charmosynopes.

Saw Rallus, philippinicus + grayish with white eyebrow.

Mutton Birds nest Traitors head + southern Mts. Not Efua.

- Northern Mts also. Saw Falco. + small whitish hawk Boobi River.

Turdus almost to sea East side. Clytor. right to sea. Pachy also.

Kawri pine forests (branches at lower levels). Bush descriptions ect. Red ground ect.

Lichmera found away from Coconuts in centre of island

Aplonis, Guarkleanarca, Rhipidura spit, Melalage definatly absent.

Pachy + Lichmera tend to show altitude differences.

Snails control Turdus (not). Populus area.

Tyto heard almost every night + only one seen perched in kawri pine.

at sea between Tanna + Futuna.

SATURDAY 3rd JULY 1937.

Fine sunny, light SE wind, fresh sea, SE swell.

PHAETON white tailed tropic Bird. ♀ 1/1 OME diam. largest oocyte 5 mm.

SK521 shot 12.30 PM. fine sunny, SE swell, light SE wind. Hovering over travelling launch.

Lat. 19.32.0 South.

Long 170.0.2 East.

Iris. dark brown?

Bill. yellow horn black streak at nostril.

Legs pale flesh bluish tinge.

Feet. webs toes + claws black.

Tail shot damaged. had full streamers.

TOT. 455+.

B.L. 140.

W.S. 860.

W 265.

TL. short feathers 100 streamers ⊗.

MOULT TL. L streamer.

ABR W/T NIL.

STM 1/1 small fish. (two fish).

SKL ?

FUTUNA. Jo. 5th July 1937. dull, fine, overcast SE wind fresh inclined towards showers.

ROUTE. Walk from Mission near lowlands Head up precipitous risers + very steep slope to plateau 2000' ASL (2300' pos). + across plateau to above Herald Bay then down to coast ridge + back along cliff slopes on NW face to mission.

VEGETATION. Vegetation around mission is native garden lands, coconuts + breadfruits, + low 15 to 20 ft scrub. this area is very restricted. Slopes rise very steeply in semi terraces + sheer cliffs in 3 main stages / these slopes have a low 10-15 ft scrub in places, + in places there are open grass patches small in area mostly. On the plateau top which is cut up in gullies 20 ft deep near the edges with a general level in the centre the whole being a basin with one side somewhat higher than the other. The vegetation is very very dense rain forest, tall trees are about 30 ft high to 40 ft in gullies, with much hanging beard moss ect on limbs, many orchids (5 distinct kinds Jonquin flower + 3 not in flower). Many of the trees are the red flowering tree of Tanna highlands (belive this is the royal flower of Tahiti) most of the trees are flowering kinds. Unders there are numerous shrubs, stick ferns small ferns, vines creepers, wild kava, moss ect. very very dense. There is also a lot of dry taro or fiji taro on which the natives live. The slopes into Herald Bay are the same as the other side, but perhaps not quite as much sheer precipice vegetation the same. The NW cliff slopes back to mission are mixed native gardens coconuts, breadfruits ect.

SPECIES. Birds seen by me were Zost. flav., Myagra, Ptilinopus Greyi, Ducula pacifica, Columba vitiensis, Macropygia, Myzomela, Rhipidura, Halcyon, Turdus, Charmosynopis, Tyto, Demigretta 2 plus, Eudynamis, Caconantis, Collocalia wrog, chalcophaps.

SPEC. DATA. Caconantes. Several heard, one seen appears same as Tanna, Not very common. Inhabits native garden lands + cliff slopes mostly, not heard on plateau but no doubt goes there. Natives have no name for it. say it is a very recent arrival.

Tyto. Common, inhabits cliff caves + plateau top + visits lowlands appears same as Tanna. Local name RURU.

Collocalia wrog. Common in all places appears same as Tanna. Natives say only one species present. Local name KUPKABA.

Halcyon chloris. Common in most places, appears true chloris, sub ad. ♂ some buff. adult white. May be different sub spec but appears the same. Local name SUKALI.

# FUTUNA Is.

MONDAY. 5TH JULY 1937.

Dull overcast SE wind. damp cold.

SK522. THAMNOSYNOPIS PAL. ♂ ½+ white

shot 12 AM in 30ft flowering tree (tahiti red blossom) in dense scrub, much dense underbrush forms, est. on plateau 2000' ASL.

Feeds in colonies. thin weak call note.

Bird very very fat:

Irs golden yellow.

Bill red pale edges.

Legs feet pale reddish flesh claws black

TOT 175 W 93 (L) TL 78.

MOULT W. R. 3,4F ⊙ } corse
L 3,4F

TL R 2,4 } corse
L 1,2,4

back M nape crown C
unders C — (to chin decreasing)

ABR W/S
T/N.

STM ½ chewed up flowers or seeds, honey.

SKL 2 small pits not conf.

DS. NO

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SK523 ZOST FLAV ♂ ¾ white.

shot 9 AM. fine cloudy, SE wind fresh, in low scrub (10-15ft) on precipitous slopes (coraline uplift, sheer cliff in places) 600 ASL, behind mission.

Only 2 spec. Zost. on island. Not common on lower levels.

soft parts same as Jama. Bird very fat

TOT 140 BL 39. W 66 TL 47.

MOULT. TL R1. L1. corse.

nape M crown C.

all unders C X neck M chin C.

ABR W/T. N/T.

STM ½ insects + fruit seeds.

SKL comp. conf.

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SK524 TYTEO ♀ ¾- OSE. several oocytes yellowish.

Shot 10·30 AM in dense rain forrest 30ft trees dense fern underbrush, moss, ect. on Plateau 2000' ASL. Has lice.

Soft parts blend. TOT 330. BL 123 W 280 TL 113

MOULT nape O
all unders C
X neck + chin M
flanks M

ABR W/T N.

STM ⅔ empty (green shine)

SKL comp conf.

FUTUNA.
5TH JULY. 1937.

SPEC DATA. CONT.

TURDUS Common on plateau but shy, appears similar to Tanna as rapid glimpses, female looked browner under. Few come down cliff slopes but not below 600ft ASL. ~~Local name~~ Calls same as Tanna Local name KARSISI

RHIPIDURA Not common anywhere. Appears larger than Tanna on bush. One shot but lost in underbrush. Local name MENU TAHTUKONG.

MYAGRA ♂+♀. Same name for both. Common in all areas. ♂ Appears same as Tanna, ♀ may have more extensive tan unders than Tanna, 2 specimens shot were badly damaged. ~~called~~ Locally called FAKATONG FUATA.

MYZOMELA Common in all areas. Same as Tanna. Local name ♂♀ SUBAD ♂ MANU MEAR

ZOST FLAV. Common on plateau + fairly common on cliff slopes not common at lower levels. Appears same as Tanna. Only one Zost. on Futuna. Local name. FURISAYU.

DEMIGRETTA. Common, 2 seen, whites not common. Local name MATUKU.

PTILOPUS GREYI fairly common at all levels. Appears same as Tanna + elsewhere. Local name adult KUKUTAPU, SUBAD KUKUNGONU.

DUCULA PACIFICA Found only on plateau top fairly common, several heard calling none seen. Natives say same as Tanna. Local name RUPAE.

COLUMBA VIT. Same as Tanna. Fairly Common on Plateau + cliff sides, few at lower levels. Local name. FEI-UH-WAE

MACROPYGIA RUFFA² Common on plateau top + fairly common at lower levels + cliff faces slopes. Appears same as Tanna. May be warmer brown, + less colour across unders of wing primaries. (Spec exam. may be SUBAD) Local name. TUFURUTOEY.

CHALCOPHAPS Common at lower levels + fairly common on cliff slopes. Not seen on plateau but is present there. Same as Tanna. Local name TU.

CHARMOSYNOPIS PALMARUM. Very common on plateau top feeding on flowering trees + shrubs, occasionally visits lower levels + cliff slopes. Feed in flocks. Noisy but call is weak + thin, alarm weak shreak, feeding call note rather sweet low whistle. Local name. SARAKURAH. Is acrobatic + occasionally clusters of 2 or 3 hang on each other + sometimes fight + fall to ground, but mostly play about in friendly manner, is not shy, inclined to be curious will come to call.

EUDYNEMIS Common on plateau, visits other levels. Fledson lizards (Gekos) etc. Not very shy. Local native name MAN WATA.

Many common tan collar flying foxes seen. Bats (small) abount. Snails found at all levels, common on plateau. Rats not seen.

Generally speaking Bird life increasing with altitude.

FUTUNA 9.5.
5TH JULY 1937

# FUTUNA (Data from Jimmy) Reliable

| Species | pres or abs. | Native name. | Species | pres. or AB. | Similiar |
|---|---|---|---|---|---|
| Cacomantis phyro. ✓ | pres. mig. | ~~Lambar~~ similar. ~~MAMMATA~~ KOAL ~~Lambar~~ ~~Comm~~. | Falco ✓ | pres. (one) sim. | -NING i-FATU |
| Chalcites lucidus ✓ | pres. mig. | | Megapode ✗ | pres. (few). | - |
| Tyto alba ✓ | pres. | RURU. | Hypotaenidia | absent (potent) | - |
| Collocalia esculenta ✓ | pres. | KUPKABA. | Porphyrio ✓ | pres. (few) | KAKARYIA AH KAHRYAH |
| Halcyon chloris. ✓ | pres. | SUKALI | Ptilopus Greyi. ✓ | pres. sim. | KUKUSTAPU SUBAP NGONU |
| Hirundo tahitica | absent. | | Ptilinopus tannensis | absent. | |
| Edage monsteri ? ✗ | present. | ~~TOWLI TOWLI~~. | Ducula pacifica ✓ | pres. sim. | RUPAE |
| Coracina caledonica | absent. | | Columba ✓ | pres. sim. | FEI-UH-WAE. |
| Turdus ✓ | pres. sim. ~~absent~~ | KARSISEA. | Macropygia ✓ | pres. sim. | TUFURUTOAY |
| Gerygone. | absent. | | Chalcophaps. ✓ | pres. sim. | TU. |
| Petroica | absent. | | Charmosynopsis ✓ | pres. | SARAKURAH. |
| Rhipidura ✓ | pres. sim. | TOWLI TOWLI ~~MERU TAHTU~~ ~~KTG~~. | Eydenuming (per Phy.) ✓ | comm. pres. sim. | ✗ MANWATA |
| Myagra ✓ | pres. sim. | ♂ FAKATONGEFUATA | Arenaria entrepes | pres. comm. | TAKKUHRIRI |
| Clythorhynchus | absent. | ♂ ~~FAKATAKATANGI~~ | Anous stolidus. pos minutus. | pres. | NGARAY |
| Pachycephala. | absent. | ♀ | Phaeton rubri | pres. visit | TAHVARYKY |
| Artamus | absent. | | " leptirus | pres. visit. | SOWARAVIE |
| Aplonis | absent. | | Frigata major (1) | pres. visitor. | NALHWALOH |
| Myzomela. ✓ | (3) prest. | ♂ MANUHMEAR. ♀ SBADI. | Tringa | | |
| Lichmera | absent. | | 23 spec. X. sea birds. | | KURERE |
| Zosterops flav. ✓ | pres. sim. | FURISAVU. | | | |
| Zosterops laterales | absent. | | | | |
| Erythrura | absent. | | | | |
| Butoroides | absent. | | | | |
| Desmgretta ✓ | (whites also). pres sim. | MATUKU. | | | |
| Cirus ✓ | (1) pres. always. | MUMKAY. | | | |

FUTUNA.
5TH JULY. 1937.

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MACROPYGIA RUFFA[2] Common on plateau top + fairly common at lower levels + cliff faces slopes. Appears same as Tanna. May be warmer brown, + less colour across unders of wing primaries. (Spec exam. may be SUBAD) Local name TUFURUTOEY

CHALCOPHAPS Common at lower levels + fairly common on cliff slopes. Not seen on plateau but is present there. Same as Tanna. Local name TU

CHARMOSYNOPIS PALMARUM. Very common on plateau top feeding on flowering trees + shrubs, occasionally visits lower levels + cliff slopes. Feed in flocks. Noisy but call is weak + thin, alarm weak shreak, feeding call note rather sweep low whistle. Local name. SARAKURAH. Is acrobatic + occasionally clusters of 2 or 3 hang on each other + sometimes fight + fall to ground, but mostly play about in friendly manner, is not shy, inclined to be curious, will come to call.

EUDYNEMIS Common on plateau, visits other levels. Fieldson lizards (Gecko) et. Not very shy. Local native name MANWATA

Many common tan collar flying foxes seen. Bats (small) abundant. Snails found at all levels, common on plateau. Rats not seen.

Generally speaking Bird life increasing with altitude.

FUTUNA 93.
5TH JULY 1937

SK525 MYAGRA ♀ ¾-

Shot 10AM, fine cloudy SE wind. in dense rain forest 30ft trees, many parasit orchids moss ect, dense ferny underbrush. 2000'ASL on plateau.

TOT 162 BL 30 W 73 TL 65

MOULT NIL ABR W/T N. STM 1/1 insects. SKL compossf

CHARMOSYNOPIS ♂ ½M white U.T. {LT ½ RT ½-.

SK526 Shot 11AM dull fine, in 20ft flowering tree in dense rain forest, much orchids mossparasites, dense ferny underbrush 2000'ASL on plateau top.

soft parts usual.

Bird very very fat.

TOT 193 BL 55 W 93 TL 79.

MOULT W.R. 5 L.S. TL. covs M. all uppers O x crown M all unders M

ABR W/T N. STM 1/1 chewed up vegetable matter, honey.

SKL compossf ?

SK527 Ditto above ♀ ½-

Shot within a few minutes of above same place.

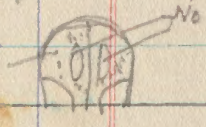
soft parts usual. specimen very fat. (note no pinks on vent.

TOT 184 BL 54 W 91.5 TL 72

MOULT TL. covs O chin O all unders O exp flanks.

ABR W/T N. STM ¾ chewed up vegetable matter, pors flowers issued.

SKL not compossf.




SK528 Ditto above ♂ ½ white (LT ½ + RT ½-)

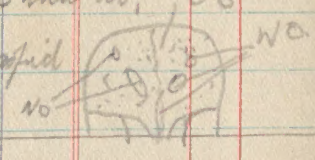
soft parts usual. Bird very very fat

TOT 203 BL 56 W 95 TL 86

MOULT TL covs M all upper O crown M all unders O

ABR W/T N. STM ¼ chewed vegetable matter, 08

SKL few small fish not identified



# FUTUNA (Data from Jenning). Reliable.

| Species | pres or abs. | Native name ~~Similar~~ similar ~~Native~~ | Species | pres or AB | Similar |
|---|---|---|---|---|---|
| Cacomantis phyro. ✓ | pres. mig. | ~~MATUKAIA~~ KOAL ~~similar~~ | Falco ✓ | pres. sim. (one) | -NING i-FATU |
| Chalcites lucidus ✓ | pres. mig. | | Megapode X | pres. (few). | - |
| Tyto alba ✓ | pres. | RURU | Hypotaenidia | absent (potent) | - |
| Collocalia esculenta ✓ | pres. | KUPKABA | Porphyrio ✓ | pres. (few) | KAKARYIA ~~AH~~ KAHRY~~UAH~~ |
| Halcyon chloris. ✓ | pres. | SUKALI | Ptilopus Eryi. ✓ | pres. sim. | KUKU STAPU SUBAP (NGONU |
| Hirundo tahitica | absent. | | Ptilinopus tannensis | absent. | |
| Lalage monsteri ? ✗ | present. | ~~TOWLI TOWLI~~ | Ducula pacifica ✓ | pres. sim. | RUPAE |
| Coracina caledonica | absent. | | Columba ✓ | pres. sim. | FEI-UH-WAE |
| Turdus ✓ | pres. sim. ~~absent~~ | KARSISEA | Maropygia ✓ | pres. sim. | TUFURUTOAY |
| Erythrogone. | absent. | | Chalcophaps. ✓ | pres. sim. | TU |
| Petroica | absent. | | Charmosynopsis ✓ | pres. | SARAKURAH |
| Rhipidura. ✓ | pres. sim. | TOWLI TOWLI ~~MEAU TAITE~~ | Eutelonmis (for. Rhip.). ✓ | comm. pres. sim. | ~~X~~ MAN WATA |
| Myagra ✓ | pres. sim. | ♂ FAKATONGE FOATA | Arenaria entupres. | pres. comm | TAKKUHRIRI |
| Clythorhynchus | absent. | ~~FATAKATANGI~~ | Anous. stolidus. non minutus. | pres. | NGARAY |
| Pachycephala. | absent. | ♂ ♀ | Phaeton rubri | pres. visit | TAH VARYKAY |
| Artamus | absent. | | " lepturus | pres. visit. | SO WARAVIE |
| Aplonis | absent. | | Frigata major (1). | pres. visitor | NATLHWALOH |
| Myzomela. ✓ | (3) prest. | ♂ MANUHMEAR ♀ SBADE | Tringa | | |
| Lichmera | absent. | | 23 spec. X. Sea birds. | | KURERE |
| Zosterops flav. ✓ | pres. sim. | FURISA~~YU~~. | | | |
| Zosterops lateralis | absent. | | | | |
| Erythrura | absent. | | | | |
| Butoroides | absent. | | | | |
| Dicrurgretta ✓ | (whites also). pres. sim. | MATUKU | | | |
| Corvus ✓ | pres. always. (1) | MUMKAY | | | |

Fatuna. Most unreliable.

| | | | |
|---|---|---|---|
| Zoothrops flav. | present same same | Porphrio. | absent (extinct) hill. |
| " lat. | " same. | Trichoglossus. | absent. |
| Swift wrong | " " | | |
| different. | like rosah parrot (cayly 151). | | |
| Charadrynopis. | present. diff. | | |
| Myiagonula. | present. same. | | |
| Rhipidura | " " | | |
| Myiagra. | " " | | |
| Lilage | absent. | | |
| Halcyon | present. same. | | |
| Chalcites. | absent. | | |
| Cacomantis | present. same. | | |
| Erythrura. | absent. | | |
| Ptilinopus | present same. | | |
| Phaps. | present. same. | | |
| Macropygia | present (no opy phore) same. | | |
| Columbus vit. | present same. | | |
| Ducula | present. same. | | |
| Hypotaenidia | present same. | | |
| Tyto. | present same. | | |
| Turdus | present same. | | |
| Petroica | absent. | | |
| Artamus | absent. | | |
| Aplonis | absent. | | |
| Corvus (visitor) | present (one) same | | |
| Falcon (visitor) | present. | | |
| Megapodie | absent. | | |

FUTUNA

DATA

FUTUNA

DATA

FUTUNA Is.

Suti. lovely, fresh.

SK529 TURDUS. ♂ 1/4 (11 X 7.5 mm) white opaque.

shot 4 PM. in low scrub on cliff slopes 1000' ASL.

soft parts same as Tanna.

TOT 121. BL 72 W 111 TL 75.

MOULT NIL ABR W/T N. STM 1/4 seds, mollusc SKL compressed.

CHARMOSYNOPUS. ♂ 1/4. RT black LT white.

shot 11-12 AM. in rain forest 2000' ASL.

Badly shot. has pink vent.

TOT 179 BL 51 W 92 TL 75. TR 11.

MOULT WR. 5 L 5 covs O. ABR W/T N. STM 1/2 chewed flowers.

TL. covs M

upper back, nape crown C. SKL 2 small pets not ossif.

vent belly M throat chin C

Ditto above. ♂ 1/4 + white.

has pink vent

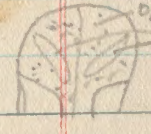
TOT 180 + BL 48 W 92 TL 55 + TR 12

MOULT WR. 5 F O. ABR W/T N. STM 1/2 chewed flowers.

TL covs M.

upper back, nape crown C forehead A. SKL 2 fines not ossified as in Ditto

all unders C




ZOSTEROPS FLAV. ♀ 3/4.

shot 12.45 PM. in rain forest 2000 ft ASL

TOT 145 BL 37 W 66 TL 50 BC 18 TR 22.5.

MOULT back M ABR W/T N. STM 0 seds insects

chin O SKL compressed.

EUDYNAMIS ♀ 1/2 -

shot 12 AM. rain forest 2000' ASL. common in area.

TOT 415 BL 76 W 176 TL 209 BC 33 TR 37.

MOULT W. seconds covs O ABR W/T. C STM 1/1 baths

TL R1,3, L1,4, covs M.

all uppers O x crown M SKL comp smashed O.

all unders O + x chin C

FUTUNA CONT.

5/7/37. Cloudy fine.

SK530 ~~GRASSMANTIS~~ MYIOMELA. ♂ ad. 3/4 white.

~~Recent moult~~. Shot 12 AM. dull cloudy. fine in coconuts in native garden lands at sea level. Seems same as Tanna.

TOT 143 BL 38 W 73 TL 47.5.

MOULT NIL ~~moult~~ ABR W/T N STM 1/4 horny & minute insects. SKL compossf.

---

SK531 Rhipidura ♀ 1/2-

Shot 10 AM. in native garden lands 200' ASL.

soft parts usual. Specimen very very fat.

~~NEW~~ TOT 157 BL 28 W 71 TL 79.

MOULT NIL ABR W/T N. STM 1/4 insects SKL compossf.

---

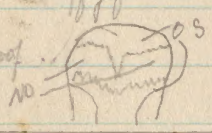
Halcyon. ♀ 1/2-

SK532 Shot 5 P.M. in native garden lands 800' ASL

NO data taken because of skinning difficulties

Has flying ticks.

Has breast marks & buffy flanks & under wings, gold flecks on wing

SKL not compossf. 


STM worms beetles & insects.

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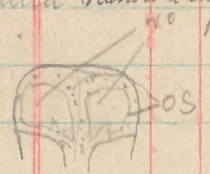
Collocalia Esculenta. ♀ 1/2. O.V.S.E.

Shot, 3 PM on wing over native garden lands 600' ASL

Seems same as Tanna. Only one kind seen on Futuna. Hawbill in tail pattern

W. 98 TL 42.

MOULT NIL ABR W/T N. STM 1/4 insects SKL not compossf. 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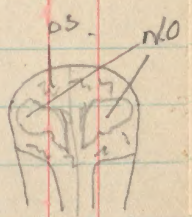
SK533 Halcyon ♂ 1/2- ~~dull tint dark indist.~~ Male.

Shot 4 P.M. low scrub & native garden lands on steep slopes (of hill to plateau) 1000' ASL groundends

Semi buff under & brace collar marks. Specimen very fat

TOT 240 W 99 T 68.5.

MOULT ~~moult~~ 0 ABR W/T N. STM 1/4 grasshopper wood beetles. SKL not compossf. 

ANEITEUM. Is.

WEDNESDAY 20TH JULY 1937. Fine sunny SE wind.

1MM. POSS.

SH534. ZOSTEROPS. FLAV. MAJ. ♀ ½-

shot 10AM in ~~bu~~ tree 30ft from ground in secondry growth in coconut plantation at sea level. PORT PATRICK, N coast of island. coastal flats.

TOT 127. BL 32 W 60 TL 45.

MOULT NIL ABR W/S T/F STM ⅓ fruit seeds. SKL ⅓ ossified

< >

3456—2~~8~~17 1X

ANEITYUM. FRIDAY 23rd JULY 1937
Fine sunny, clear, light SE wind

SK535 ZOSTEROPS FLAV. MAJ. ♂ white ½+

Shot 10·30AM in coastal scrub at sea level. Costal flats ½ mile inland, Port Pat.

Iris. light brown with dark middle ring in iris (BR B)

Bill black x for base lower mand ~~bluish~~ white horn.

Legs x feet dull grey slate. claws darkish white horn.

Has white marrow chin flesh, pos pom tick bites, one tick put in spirit. V1H2 male

TOT. 127 BL 37 W 63 TL 47·5.

MOULT. NIL ABR W/N T/V.S. STM ¾ chile, insects, SKL. comp. of

Local name INHULOUG

SK536 RHIPIDURA FLAV. BRENCH. ♀ ½-

Shot 10AM. in coastal scrub, cocoanuts fruit trees, native gardens ect. ½ mile inland at sea level on coastal flats. Port Patrick.

Common in area. hunts from ground up to 30x40 ft but principally from 6-10 or 15 ft.

Local native name. KATAYPUP

~~Local~~ KATAYPUP

Iris dark brown. Bill black, base ½ lower M white horn. legs x feet + claws black.

TOT 157. BL 26. W 71 TL 80.

MOULT. TL: under covs O. ABR W: V.V.S. TL: F. STM ¼ insects beetles SKL comp. of

parasites on chin.

SK537 MYAGRA CAL MEL. ♂ ½- white

Shot 8 30AM fine sunny. in coastal scrub, cocoanuts fruit trees native gardens ect. at sea level ½ mile inlands on coastal flats Port Patrick. Local name LAKNU.

Common in area, feeds principally from 10 to 40 ft in trees ect.

Iris dark brown, Bill blue black (black tip). legs feet + claws black.

TOT 161 BL 34 W 75 TL 66. WBBR 8.

MOULT. NIL ABR. W/T. N. STM ½ insects SKL comp. of

361
542
903

♂ ♀

♂ ♀

ANEITYUM Is. Wednesday 28th July 1937.
Dull cloudy overcast fine.

SK538 MYZOMELA. ♂ AD. ¾+ white INHOUGH.
soft parts usual.
Shot 8 AM in coastal scrub ½ mile inland at sea level, coconuts, banyans, breadfruits, native fruits, good deal underbrush + scrub. Port Patrick.

TOT 144 BL 36 W 73 TL 49.
MOULT ~~FR~~ TL. R3 L2. ABR W/T N. STM ½ honey + ants SKL comp ossif Q.

---

SK539 MYZOMELA. ♀ ¼++ diam largest oogh 4mm OVME. (fully)
soft parts usual. Native name. ♀ + ♂ SUB. INYAHRA.
Shot 9 AM. dull cloudy fine, 30ft in banyan in fruit, in coastal scrub, coconuts, native fruits + gardens. at sea level, half a mile inland Port Patrick.
Spermin fairly fat
TOT 134 BL 35.5 W 67 TL 45.
MOULT TL R3. ABR W/C T/F. STM ¼ insects, honey. SKL comp ossif

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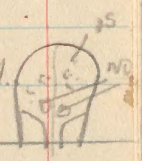
SK540 ZOSTEROPS. FLAV. MAJ. ♀ ½-.
soft parts usual.
Shot 9 AM. dull cloudy fine, feeding in low scrub, 4ft. in coastal scrub, coconuts banyans, native fruit trees + gardens, ½ mile inland on coastal flats, ASL. Port Patrick.
TOT 134. BL 36 W 60.5 TL 45.
MOULT NIL ABR W/T VS. STM ¾ ~~fruits~~ peppers + insects. SKL 2 very small pitch not ossif. 7/8

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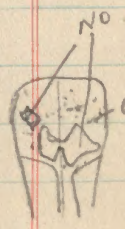
SK541 ZOST. ditto above. ♂ white ¼
Shot 9.5 AM. in tall bare tree 30ft, near above. soft parts usual.
~~No~~ W 62 TL 45.
MOULT W.L.7. ABR W/T N. STM ¾ insects. SKL ?

---

SK542. ZOST. FLAV. ♂ ½- white R.T. slightly larger.
Shot 8. AM. in low 5ft bush, coastal scrub, coconuts ect. ASL coastal flat Port Patrick.

TOT 136 BL 35.5 W 60 TL 44.
MOULT NIL ? Bad light ABR W/T N STM ¼ peppers, fruit, insects. SKL not comp ossif. OS. ¾ ossif
W.R. Q.



INMANUHNUBUTOU

♀ mugqra

# ANEITYUM Is.

THURSDAY 29th JULY, 1937.

Sun cloud & showers.

SK543 MYAGRA ♀ ½ O.V.S.E.

♀ plumage. spermin fat. badly shot damaged.

Shot 9. AM ~~in~~ 6ft in tree in coastal scrubs, coconuts banyans, native fruit trees & gardens 1 mile inland, coastal flats a 10ft few feet above sea level. E of Port Patrick.

Iris dark brown almost black.

Bill blue black under M blue (light)

Legs & feet. light plumbous. palish.

TOT 150 BL 35 W 70 TL 62.

MOULT NIL (?) ABR W/T N STM ¾ insects. SKL wmp ossif.

---

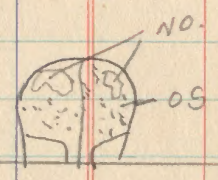
SK544 MYZOMELA CARD. ♂ ¾ white.

~~sub~~ A.D ♂ few sub. A.D. feathers left.

Soft parts usual. Ditto above shooting data. 7.30 AM

TOT 135 BL 36. W 73 TL 47.

MOULT NIL ? ABR W/T S. STM ½ insects horny. SKL ¾ ossif

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SK545 RHIPIDURA FLAB. BREN. ♀ ¾+ O.S.E.

Shot 9 AM sun, showers & cloud. 10ft up in coastal scrub, coconuts, banyans, brown native fruit trees & gardens; 10 ft above S.L. 1 mile inland, on coastal flats, E of Port Patrick.

Soft parts usual.

TOT. 154? BL 31 W 70·5 TL 78.

MOULT NIL. ABR W/T V.S. STM ¼ insects. SKL comp ossif.

Accipiter

Tru hunter not open grasslands as cirrus.

Not at Analgahat, but is in S.E. side. mostly ♀♀ N.W.

SUNDAY, 1ST. AUGUST, 1937.

Fine Sunny. (after rain)

SK546 ACCIPITER FAS. VIG. ♀ ½ - oocyts visable in gonad.

Shot 6AM. before sunrise, ~~perched~~ 30ft in old nesting tree banyan, ~~1½ mile~~ in coastal scrubs, (few coconuts + native fruit trees,) near edge of grassland of foot hills, 1½ miles inland, 450 ASL. coastal flats inland from Port Patrick. North side of island. Has large flying tick hanging. Specimen very fat. Has intestinal parasites white worms. True to type hunting.

Iris. yellowish green with dark outer ring. Cere yellow

Bill black horn, bluish horn at base edges of mand. pond black. cere yellowish green.

legs + feet. bright yellow with very very faint touch green in toes under pads bright yellow. claws black horn.

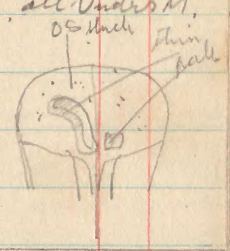
TOT. 417. WS. 760. BL 130 W 265 TL 178. weight 14 ¾ ozs close approx.

MOULT W.R. 1-5. great U.covs. A. U.covs M
L. 1-5. ditto.

TL: all. appears R. 4,5,6,2,3,1. L 4,5,6,2,3,1.

all uppers O fore crown M

~~all unders~~ belly M, flank C. shanks M. breast M. ~~throat~~ chin M. all Unders M.




ABR W/N. TL/S.

STM 0/0 empty.

SKL thin one side

Native name. INMEGEKWAP.

# ANEITYUM Is.

Monday 2nd AUG 1937

Fine sunny.

SK547. MYAGRA ♂ ¼+white SUBAD.

♀plumage. soft parts usual.

Shot 6·30AM. Coastal scrubs at S.L. ½mile inland. Coastal flats E of P. Patrick.

TOT.155 BL36 W71 TL 65.

MOULT Nil. ABR W/S tail F. cowid body ABR. STM ¼ insects. SKL compos of

SK549. HALCYON · SUB·AD.♂ ¼ white

Shot 8AM fine sunny ~~on~~ coastal scrub A.S.L. ~~1 mile inland~~ marsh, coastal flats E of Port Patrick

Not very common in area. Hers. breast marks of SUV. + gold flecks wings, semi buff underw of gar.

Iris ?? Bill usual. legs feet usual. Badly shot damaged -

TOT 233 BL 61 W 93 TL 65 Not in bills according to native.

MOULT Nil ABR W/T N. STM ¼ grasshopper, insects SKL ¾ crop + stomach

Nat name. NETHAHOU

SK550 MYZOMELA. ♂ ¾ white

Shot 6·45AM fine sunny, in coastal scrub ½mile inland, at sea level, in coastal flats E of Port Patrick.

vomited honey.

TOT 137 BL 37 W 71·5 TL 49.

MOULT NIL ABR W/T VS. STM ½ honey insects SKL compos of

Petroica Note ♂ & ♀ + juv. easily distinguished in field. Appears in family parties of 4. appears occasionally as 2 ♂ to 1 female in which case party generally 5. easily lured close by "chip chip" calls. Appears on coastal flats. One heard calling & seen 2/8/37 within 1 mile of sea & few feet above sea level. Becomes more common about 1000 ft & ~~increases~~ in numbers in the forest which starts a little above 1000' this side of the island.

ANEITYUM Is

Tuesday 3rd August 1937.

Fine sunny calm.

SK551 PETROICA MULTI. ♂ 1/2+ spabe. white (blood stained).

Shot 7 AM in mountain forest 20-30ft trees, much under shrubs, small trees & good dual coral ferns. 1500' ASL. main Mountains behind Port Patrick.

Iris dark brown.

Bill black.

Legs & feet warm lightish brown. finger brown under toes yellow claws brown horn.

One of family of 4. goes with 3 following numbers.

Native name KATAMAL.

TOT 120 BL 29 W 66 TL 45.

MOULT NIL ABR W/T N. STM 3/4 small insects & butles. SKL compossf

SK552 Ditto above same family party, time & place. ♀ 1/2+ O.V.S.E.

TOT 117 BL 29 W 67 TL 43 wing measurement on loose feather but correct 64

MOULT ON RW ∅. ABR W/T N. STM 3/4 small insects SKL compossf

SK553. Ditto above. ♀ 1/4- ? SUB AD goonds damaged.

same family party time & place.

Ovid very fat

TOT 114 BL 29 W 61 TL 42.5.

MOULT RW ∅ TL NTL ∅. ABR W/T N STM 1/4 small insects SKL compossf but thin

SK554 Ditto above ♀ 1/4- SUB AD.

same family party time & place.

bird very fat

TOT 115 BL 30 W 61 TL 42.

MOULT Nil ABR W/T N. STM 1/2 small insects. SKL compossf but thin

Cont.

Pachy

Common in mountain forest. No female seen.

ANEITYUM Is.

Tuesday 3rd August

fine sunny calm, light NE airs, visibility, 2nd

SK555. PACHY. ♂ ½ white. UT. RT ½ - LT ½+

shot 6·45AM, in mountain forrest 20-30 ft trees with many smaller trees + shrubs underneath, ground generally bare or leaf covered but in places covered with sparse coral fern, + here + there fairly dense patches of grass.

Iris dark brown. Bill black. legs + feet plumbous, undersides whitish, claws dark horn

TOT. 160 BL 44 W 87 TL 64

MOULT Nil ABR W/T.N. STM ½ spider, insects, eggs, SKL comp. of roof
unders. ~~Sm~~

SK556. PACHY ♂ ½ - white

shot 7·15AM within few feet of ground after attacking Petroica which was executed by gr. calls.
Mountain forrest 20-30' trees, 1500-2000' ASL. Behind Port Patrick

soft parts usual.

shot damaged.

TOT 177. BL 45·5. W 87 TL 64·75 T

MOULT upper back C ABR W/T N. STM ½ smelly beetles + grubs. SKL comp. of roof
~~not clear~~.

SK557. PACHY. ♂ ½+ white.

shot 6·15AM, mountain forrest 1500-2000 ASL. Mts Behind Port Patrick.

Badly shot damaged.

TOT. 170 BL 44 W 87 TL 66.

MOULT Nil ABR W/T N STM ¼ insects SKL comp. of roof

SK558. PETROICA ♂ ¼+ white.

shot 8·30AM, in mountain forrest, 1500-2000 ASL. one of party of 4. ♂, ♀ AD. 2 JUV.

shot damaged.

TOT. 119 BL 29 W 67 TL 45·5.

MOULT NIL ABR W/T.V.S. STM ½ grubs + insects. SKL comp. of roof

SK559. RHIPIDURA ♂ ½ - white

shot 6·15AM, mountain forrest 1500-2000' ASL Mts behind Port Patrick

TOT 156 BL 26 W 74 TL 79.

MOULT NIL ABR W/T N. STM ¾ insects SKL comp. of roof

ANEITYUM 9.

Thursday 3rd August 1937. (cont)
Fine sunny light W breeze.

SK560 ZOSTEROPS. FLAV. MAJ. ♀ 3/4 + O.S.E.
shot 10 AM feeding in tree top, mountain forest 20-30 ft trees. alt. 2000' ASL behind Port Patrick.

TOT 128 BL 39 W 61 TL 46
MOULT Nil ABR W/T N. STM 1/2 fruit seeds, insects. SKL comp. of

SK561 PETROICA ♀ 3/4 + O.S.E.
shot 6 AM mountain forest 1500' ASL Alts behind Port Patrick.
shot damaged.
TOT 116 BL 29 W 63 · 5 TL 43
MOULT Nil ABR W/T N. STM 3/4 small insects. SKL comp. of

SK562 PETROICA ♀ 1/2 + O.S.E
shot 8 AM, in mountain forest, 1500-2000' ASL Alts behind Port Patrick.
shot damaged.
TOT 115 BL 29 W 63 TL 43.5.
MOULT NIL ABR W/T N. STM 1/4 insects. SKL comp. of

ANEITYUM Is

Friday 6th AUG. 1937

Dull cloudy overcast after rain previous day & night

SK563 ACCIPITER ♂ 1/1+ white U.T. (LT 22X11 RT 20X12 mm). slate brown

Shot 12 AM, perched in leafless mut tree in coastal forrest ½ mile inland 120 ASL on small hill in coastal flats E of Port Patrick.

Iris strong brown yellow (not light golden tinge) dark outer ring.

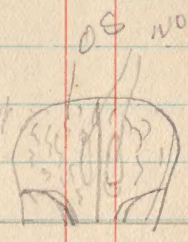
Bill bluish to black horn. cere yellowish green.

Legs & feet dull yellow to lighter chrome yellow on toes shin brown suffs suggestive greenish tinge on tes. claws black.

Has winged parasites

TOT. 400 W.S. 752 BL 116. W 249. TL 175.

NOULT NIL. ABR W/F T.S. STM ¼ remains of small root. SKL not worn much 7/8 ossif.



8/8/37. Walked to West end of island saw 24 blue Demoiselle, no whites. Several terns, 2 species, & Fringa ect. Heard Petrocica call night at beach. Saw Collocalia spod. lunc. & one night of Collocalia vanikor. other usuals common. Herinds nesting in cliff caves.

ANEITYUM Is

Sunday 8th August 1937 on road to West slopes Saddle Peak.
Still overcast, showery.

SK 5A4 COLLOCALIA SPOD. LEUC. ♀ 3/4+ OME.

Shot NOON flushing fairly high over bracken exposed rump at low tide.
Anau-un-se, West side of island. Fairly common in this area appears in hills up to 2000' ASL over open grassland valleys, etc.

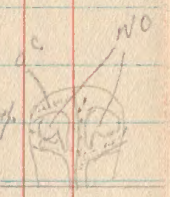
Iris brown. Bill black. legs & feet, dark flesh with almost black in places.

Specimen very very fat.

TOT 104 BL 29 W 112 TL 47.5.

MOULT RW ♀. wrist o fw ARR WITN. STM 1/1 tattles wingid insects SKL. nothing proof 1/2 roof

N.M. NAHAUP-ROP GH



Saddle Peak camp.

Saw usual birds, heard few Pachy. Saw one Erythura but too far off to identify, saw one Accipiter & 1 Tarsius.

On way home along beach in pouring rain saw 2 Accipiter perched within 15 ft of ground. Saw 11 Demigretta all blues, & 2 terns unidentified.

ANEITYUM 91.
9th AUG. 1937. Rain all day.

Monday. On Western slopes saddle peak. camp @ 2000' ASL approx.

SK565 PETROICA ♂ ½+ opaque test greyish poss blood stains. sex positive
Shot 1 PM, rain + cloud mist, 2000' ASL on Western slopes saddle peak West of Island

TOT 120 BL 31 W 63 TL 44.

MOULT Wil ABR W/T. S STM ½ mollusc + ground insects. charcoal cot. SKL compl ossif.
TL Q

SK566 PETROICA ♀ ½- O.VSE.
Ditto above time + place
badly shot damaged.

TOT 115 BL 28 W 62 TL 43

MOULT TL Q. Wil ABR W/TS. STM ½ insects butly SKL compl ossif but thin

Thursday 12th Aug. 1937

On tracks between Ethumer East & Anuwense.

Saw 11 blue Demoiselle no whites. 1 stercipiter. 1 sterna? & usual small birds.

25)468(18.
25
218
200

425
17

TOT. 18·6 – 17·0.
W 13·0 – 13·4.
TL. 16·6 – 5·0.

TOT 17·0 – 18·6.
W 13·0 – 13·4
TL 5·0 – 6·6.

Tail wrong for S. Bergi.

S. Bergi 7.17 – 21
W 12·7 – 15
TL 7·7·5.
Must be bergi

ANEITYUM 2.
On track between Ethumu East + Anewlaure.

Thursday 12th AUG. 1937. Fine sunny clear sky SE wind.

SK567 HIRUNDO. ♀ 1/1 - O.C.E. THEMESTEUMA

Shot NOON in cave on sea shore. Colony of about 6 pairs nesting in cave. Common along cliffs of fore shore Ejeptha N west side of island.

Iris brown Bill black legs, feet + claws jet black.

has liver parasites. Bird very fat

TOT 145 BL 44. W 112 TL (C) 42 (O) 48.

MOULT Nil. ABR W/T N STM 1/1 grasshopper, earwig, beetly. SKL comp or ok.

Jag 214.

SK568 STERNA ♂ 1/4 + white

Shot 2 P.M. hawking over pools in reef at low tide. Diving at sardines in shoals in 18" water.

Iris slaty brown, Bill greenish yellow legs feet + webs black claws black horn.

TOT 468 W.S. 1000+. BL 131 W 325+ TL (C) 85 (O) 167.

MOULT W.R. 3, 17-20, under covs M upper c o
L. 3, 17 F-20 "
TL, R 4, L 3 F covs c (left)
rump M, back c nape o crown c decreasing to crown
vent belly M flank o breast c

ABR W. outer 2 prim V.M. inners W.
TL. N.

STM 1/1 sardines SKL thick.

Jag 215 N.M. THOARIVI

SK569 STERNA ♀ 1/2 -

Shot as above same time + place.

Wing badly shot damaged.

soft parts as above.

TOT. 425 WS ⊗ BL 125 W 335 TL (cover) 80 (outer) 126.

MOULT WR 10, ⊗ 1/2 upper covs o.
L 10.
TL covs. c
rump back o upper back c nape o
unders o few.

ABR W/T S

SKL plain light brk.
STM 1/1 sardines.

Jag 216.

13/AUG/37. On road between Anamur & Analgahat, 24 Blue Demigretta saw 2 hawks Accipiter, heard 2 lots finches, & usual bird. Fine sun, SE wind strong, shoff's rain in afternoon.

14/AUG/37. At Analgahat Dull, overcast showery.
Looked for Coots, saw none, boys found 1 nest with 3 eggs only in it. Saw 1 Accipiter, 2 Demigretta blues, usual Myagra Myzomelas, Zosterops, Rhipidura in coastal scrubs around Bay.

ANEITYUM Is

Saturday AUG 14th 1937. ANALIOUHAT.
at Analgahat (Analiouhat.
Cloudy overcast, sun + showers, S wind strong.

SK 570 PACHY ♂ 3/4+ white H. FREEMAN
20-40 ft trees mixed undergrowth B-400 ASL.
Shot 8-10 AM in hills - behind Analgahat.
soft Parts usual. Heavy shimming. Badly shot damaged.
TOT 175. BL 43 W 87. TL 64.
MOULT. W: R. ⊗ L ⊗ NIL ABR. W/T N. STM 1/4 beetles, SKL comp
TL ⊗.
Jag 217

SK 571 PACHY ~~Ditto above~~ ♀ 3/4
Ditto above.
~~MOULT~~ soft parts usual.
TOT 170 BL 46 W. 84 TL 65
MOULT. Chin C. ABR W/T N. STM 1/1 insects, insects eggs. SKL ⊗ comp oval
Jag 218.

SK 572 PACHY ♂ 1/1 -. white.
Ditto above.
soft parts usual shimmed H. FREEMAN.
TOT 160 BL 48 W 88 TL 66.
MOULT. Chin C. ABR W/T N. STM 1/4 insects, beetles, scale. SKL comp oval
Jag 219

SK 573 PACHY ♀ 3/4 O.C.E.
Ditto above. Badly shot damaged.
soft parts usual
Probably first year of breeding pair under
TOT 175 BL 48 W 82 + TL 73
MOULT RW ⊗ LW ⊗ TL ⊗ NIL ABR W/T N? STM 1/2 insect eggs, grit sand, scale insects beetles SKL comp oval
Jag 220.

ANEITYUM Is

SUNDAY, AUG 15th 1937.

Dull cloudy overcasts, brief patches sun.

ANALGAHAT (SW side.)

SK574 ZOSTEROPS FLAV. MAJ. ♂ L/1 white 8X5 5mm. specimen very fat.

Shot 1PM in coastal scrub ~~at sea~~ beach, few feet above sea level.

Soft parts usual.

TOT 137. BL 32 W62 TL 45.

MOULT TL covs M. nape C crown C. breast C neck & chin C. ABR W/C T/F. STM ½ seeds. SKL compact.

TAG 221. H FREEMAN.

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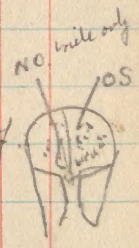
SK575 ZOST FLAV. ♂ ¼ white.

Ditto above time & place.

Has small winged parasitic flying tick. put in spirit.

TOT 140 BL 35 W 59 TL 45.

MOULT W. R. 6.15. covs. sec. commd. L. 15. " " " TL. R. L. 3.4. covs A. rump M. fore crown A. flank C neck chin M. cheeks M. ABR W/T. C. STM ½ fig seeds (?) SKL 9/10 compact.




TAG 222

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SK576 ZOST FLAV MAJ. ♀ ¾

Ditto above time & place.

Badly shot damaged.

TOT. 127 BL 32 W 60 TL 45.5.

MOULT neck chin C. ABR W/T N. STM 0/0 empty. SKL compact

Tag 223

Monday

To foot hills scrubs. Saw usual num. of birds. Petroica common at 200' alt. Pachy saw 1080 ad. 1 only 2 ♀ plumage in whole morning + up to 1:30 P.M. Native saw no ♀ + many males. Noted Myagra was very very common. Zosterops not very numerous. saw Ptilnopus greyi seems same as elsewhere. Not as common as elsewhere.

ANEITYUM. J.S.
MONDAY 16th AUG. 1937.
Foothills behind Anulgahat. +
Dull cloudy overcast.

SK577. HALCYON. ♂ ½-white NETHOU

shot 8.30 AM. in foothills scrub, 20-30 ft trees, some kauri pine, ~~grass~~ fern, + cane grass underbrush. 200 ASL. River Valley behind Anulgahat. open congras.

soft parts usual. Juvenile plumage. few black specks in neck + collar + gold flecks wings. Has pouch

TOT. 230. BL 65 W 95 TL 63.

MOULT. TL. R1. ABR W/N. STM ¾ wasp insects SKL not comp ossif. marks showing + dark clear place in centre down
nape c
vent belly & breast o. T/C.

TAG 225. H FREEMAN

SK578. PACHY. ♀ plumage. ♀ 1/1 O.C.E. diam. largest oryth 2 mm. INMANATAHYANG.

shot. 12.30 P.M. in foothills forrest, 30-40 ft trees, good deal kauri pine, 300 ASL. consid ground brush of ferns, many small shrubs + vine ropes. Foothills. River valley behind Anulgahat. 1½ miks inland.

Iris. reddish brown. Bill black legs + feet. pale warm plumbous.

TOT. 167 BL 48. W 85 TL 64.

MOULT. chin o ABR W/N. STM ½ insects, snails. SKL comp ossif.

Tag No. 224

SK579. PACHY. ♂ ¾-white U.T. RT ½ + LT. ½ +.

✓ Ditto above ~~to~~ place. 10 AM.

legs + feet dark plumbous.

TOT 170 BL 48 W 88 TL 65.

MOULT Nil. ABR W/T. N. STM 1 insects. SKL comp ossif

TAG 227 H FREEMAN.

SK580. LALAGE. ♂ ½ + white LAKNU

shot 1.30 P.M. open type foothills scrub, more hardwood + cane grass bare red ground, 150 ASL, valley behind Anulgahat.

soft parts usual. Plumbous feet

TOT 178 BL 46 W 84 TL 76.

MOULT TL cov S o ABR W/T N. STM. 1/1 green caterpillars
back c brow o
flanks c all under o X neck c chin o
SKL comp ossif.

TAG 226.

Burnt swamp 2 coons, saw 4 rats, 1 black rail.

ANEITYUM Is
TUESDAY, 17th AUG 1937.
Fine sunny. SE wind

Analgahat. SW side of island.

SK 581. PACHY ♀ plumage. ♀ 3/4 - O.S.E.
Shot 7-12 AM, in foothills forrest 4-600 ASL. 30-40ft trees good deal known, good deal ferns & undubrush & shrubs. Valley behind Analgahat.

TOT 167 BL 46 W 85 TL 64.
MOULT NIL ABR W/T.N. STM 3/4 mollusks, insects, scale SKL comp orsf
TAG 228

SK 582 PACHY. ♂ 1/2 white H FREEMAN.
Ditto abov. time & place.
TOT 176 BL 43 W 87 TL 66.
MOULT NIL ABR W/T.N. STM 3/4 cricket insects, insect eggs. SKL comp orsf
Tag 229.

PORPHYRIO ♂ 3/4 20x7mm white. INGAH.
SK 583. Spot 4.45 PM on margin of swamp @ sea level, near sea, behind dwelling at Analgahat. S.W. side island.
Common in area, but very shy: of native persecution & dogs.
Iris redish brown or orange. Bill & feet bright red, legs & feet pale salmon red, x @ joints which have greenish tinge in cracks. claws dark horn

TOT. 410 BL 147. W 241 TL 85 NTC 100.
MOULT W. covs ♀ up & wn. upper back, nape ♀ belly M, breast C neck ♀ chin ♂ ♀ ABR W/S T/F STM 3/4 veg matter, mollusks. SKL thick & opake.
TAG NO. 230

SK. 584. PACHY. ditto SK 581. ♀ 1/2 + O.C.E.
shot. ♀ Plumage. H FREEMAN.

TOT 170 BL 46 W 83. TL 65.
moult NIL ABR. W/NL. T/S. STM. 1/2 insects, butterfly, insect eggs. SKL comp orsf.
Tag 231.

Burnt 2 acres swamp. wetter than previous & saw 3 coots, 2 rats & no other specimens.

Hunted grey hawk but not found.

ANEITYUM Is
WEDNESDAY 18TH AUG. 1937.
Fine sunny, SE weather.

at Analgahat.

GK 585 PORPHYRIO ♂ 1/1 – white 29 x 9.5 mm.

Shot 2PM on wing out of burning swamp. In swamp at sea level near sea.
soft parts as before. Iris red brown.

TOT. 435+ BL 148 W 242. TL 86.

MOULT back of head M
neck chin M.

ABR. W/T V.V.M
much body abr.

STM ¼ grit, seeds of rushes.

SKL thick.

TAG NO. 232.

Burnt 15 acres swamp, saw 3 rails, 2 rats. shot 1 rail (tabuensis) & wounded 1 tabuensis but failed to find it. Rails remain till extreme of fire
Hunted grey hawk failed to catch it.

ANEITYUM Is
THURSDAY, 19TH AUG 1937.
Dull cloudy overcast, sprinkles rain.
at Analgahat.

SK586 HALYON ♂ ½ white H. FREEMAN. NETHEU (G)

Shot 9-12 AM. in foothills forest 300' ASL

Juv plumage. no breast spots, gold flech wings. few spech near collar & neck.

TOT 236 BL 58 W 95 5TL 65.

MOULT upper backs, white of neck O. ABR W/V.S. T/F. STM ½ caterpillar.
vent belly O few. SKL thick opaque roof.

---

SK587 PORZANA TAUBENSIS ♀ ¾ OSE. NOR HOR. ♂

Shot 4 30 PM. dull cloudy, in cane grass & reeds swamp at sea level near sea. Analgahat. Specimen very fat

~~Fairly~~ few common in this swamp but not seen elsewhere. Very very shy seldom or never flies, has very weak call. Remains in cover till fire is right up to it.

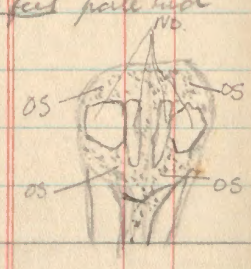
bare skin below eye bluish black.

Iris bright red, crimson, eyelid edge crimson. Bill black. legs & feet pale mud (cooked shrimp) or salmon pink claws black.

TOT 190 BL 69 W 81 TL 47 BC 21 BC21 BFF 19 STR 29 MTC 33.75.

MOULT Nil (?) light. ABR W/TN. STM ¼ sand, molluscs, seeds, insects. SKL ⅔ roof.
neck chin C.

TAG 233.



Friday 20th

12 boys out hunting gray hawk. Not found.

Saturday.

Off day. Noted 4 blue Demigretta, & 1 Virens. noted Demigretta is a bird of territory saw several at Sunset. Mig. bird common

Sunday

Tracked 4 miles to Anoio, on SE side of island.
Saw usual run of bird. 6 Blue Demigretta & again evidence of it being bird of territory. Saw 1 Accipiter
Shot one chest. ground Thrush on beach.

ANEITYUM Is

SUNDAY 22nd AUG 1937.

Dull cloudy, raining. Northerly weather on track around SE side of island.

SN 588. TURDUS. (AUST. GROUND THRUSH). ♀ 3/4 +.

shot 3.30 PM. at sea level on beach near wild cane & coastal shrubs.

at AN·NEB·ELITHAY.

Iris dark brown Bill black horn + pale horn, yellowish gape.

Legs pale (faint yellowish tinge) flesh with dark blackish stripe down front of tarsus.

toes pale flesh under toes pale yellowish white, claws dark horn.

Bird very thin, + scouring badly around vent. Has lost most of tail feathers on right side. Bird very very thin + had injury to wing semi broken + badly bruised. Possibly by Hawk. Not known to natives.

TOT. 221. BL 77 W. 101 TL 80 BG 29 BC 23 TR 36 MTC 28.5.

MOULT back M. TL Dirjing. ABR W/C T/C } missed. STM 1/4 bottles, grub, grit. probably tide rack. small SHL. comp. oval.

TAG 235.

During morning visited bird hill. Saw 1 Accipiter near sea. All as Rhipidura, Hodgson, Rusty, Myg. Myag. Zost. Pit grigi. Kilage Hill has lot of fruit trees in which Pidgeon no doubt feed. Scrub same as at 1500 on other side but trees taller & have Kauri pine with them.

P. Grigi. NYUPNAGH
NUPNEAH

ANEITYUM Is.
MONDAY 23rd AUG 1937.
Rain off & on Heavy from 12 PM onward.
at ANOIO, SE side of island.

EK 589 PETROICA. ♂ ¼ white 9x6mm.
shot 6.30 AM in coastal scrub 20ft up in breadfruit tree H SL.
within 50 yds of beach.
Singing robins song.

TOT 120 BL 29 W 64 TL 43.
MOULT NIL APP W/T M. STM ¼ ants, small beetles. SKL. comp of
TAG 236

SPIRIT MATERIAL.

Tag 230. Futuna Is. S.N.H. from 10-15 July 1937. 95% premins up to 100% Mirsel.

Tag 220. Futuna ants 10+11/7/37.

Tag 231. Futuna mixed insects, principally ants 14-15 July 1937.

Tag 232. Aneityum Is. 18-24/8/37. Ants.

Tag 225. Aneityum Is. 18-24/8/37 Ants ex

Vial. no tag single parasite found on Zost. flav. May.

Vial no tag. parasites found on Acropyga fossata vigilax

Tag 233 Mirs. roogs Aneityum Is. SNH. 14-24/8/37.

g ♂

/

d/♂ 1/4 ad ad/

ad/♂ 1/4 ♂ ad/

ad/

♀ 1/2 ad/♀ 3/4 ad/

1/2/♂ ad/

♀ 1/2 – damaged

♀ 1/4 – JUV/♀

PHALA. ♂ 1/8 SU
♂ 1/2 OT
♂ 1/4 ad

ERDPS LAT.

TERDPS FLAV.

HOGLOSSUS ♀

AGRA ♀?/♂
posfus.

Y
Z

Abstract of Bromangelo skins 14/6/36.

HALCYON ♀½- white unders few dark tips collar / ♀½ white, breast marks no buff collar only black /
F ♀¼- white breast, few spots gold wings / ♀½+ OSE white, spots on breast / ♀½- OCE white, marks /
♂¼ not very gold wings, some buff (later ½) / ♀¾ white few spots / ♂¼ - semi buff few spots / ♀½ - white
♀½ white few spots. / ♂½- B.T. / Rest entry 4/7/36 & 15/2/37

PETROICA / ♀½+ tail NG / ♀¼+ / ♂½- / ♂½ white patch ad / ♂½- ad /
/ nestling US / ♂¾- / ♀½- / nestling US /
F poss pure. ♂½ ad / ♀½- ad / ♂½+ ad / ♂¼ ad / ♂½- / ♀½+ ad / ♀ JUV / ♀ ad / ♂ ad / ♂ 0/0 JUV /

CACOMANTIS F ♂¼+ ad / ♀¼++ OME / ♀ JUV. / ♂¼- poss SUBAD / ♀½ OME / ♂½ ad / ♀ 0/0 fledgling /

CIRCUS ♂¼ / ♂¼- immature /

CORACINA poss pure. / ♀½- damaged / ♀¼- tail constant / ♂ SUBAD. / nesting ? /

DUCULA ♀¼- JUV / ♀½- 2 ptil no moult / ♂½- not complete moult / ♂¼ /

PACHYCEPHALA ♂ 0/0 SUB.AD. / ♂ pale yellowish unders / ♂¾- ad / ♂¼ sub ad /
females ♂½ OT pale yellow / ♀½+ ad / ♂½ OT / ♀½+ / ♂¼+ ad / ♂¼ yellow /
♀ ♂¼ ad / ♀¼ / ♂¼ ad / ♂ sub ad / ♂¼ / ♂½+ ad /

ZOSTEROPS LAT. ♂¾- like Tama, no vent yellow / ♂¼- poss sub ad /
W.

W ZOSTEROPS FLAV. ♂ 0/0 JUV / ♀¼- ad / ♀ 0/0 shell moult, not flying / ♀½+ ad / ♀¾- ad /

F TRICHOGLOSSUS ♀¼+ ad / ♂ 0/0+ ad. /

MYAGRA poss pure. ♀? / ♂ ad plum / ♂ ad plum / ♂ ad / ♂ 0/0 sub ad / ♀½ / ♀½ / ♂ ad /

Y
Z

MYZOMELA ♂AD/ ♂ad/ ♀ 3/4/ ♂ 0/0 few/ (for ♀)

CHALCOPHAPS ♂/

LELAGE ♀ 1/2/ ♂ 1/4 OT notorsof?/ ♂ 1/4 OT UT. 1/7/36 (poss few)

LICHMERA ♂ 1/1 fullorsof/ ♂ 1/1 ad/ ♂ 1/1 ad/ ♂ 3/4+/ ♂ 3/4+ ad/ ♂ 1/1- ad/ ♂ 1/1- UT/
(♀ few) ♀ 1/2+/ ♂ ad/

F PTILINOPUS TANNENSIS ♀ 1/2+ not c ors/ ♂ 1/4 n c o/ ♂ 3/4- ad/

W. ♀ U
CLYTHORNCHYUS ♂ 1/1+/ ♂ 1/2/ ♂ 1/2/

PTERODROMA? ♀ 1/2+/

RHIPIDURA F ♂ 1/4-/ ♂ 1/4-/ ♀ 1/4+/ ♀ 1/2/ ♀ 1/2/

W. Fers
COLLOCALIA VAN. ♀ 1/4 notorsof/ ♂ 1/4- notorsof/

DEMIGRETTA F ♀ 1/2 - /white ♀/

TURDUS ♂ 1/1+/ ♂ 1/1/ ♀ JUV/ ♀ ad/ ♂ 3/4+/ ♂ 3/4+ OT./ W. ♀ U.

MYAGRA black. ♂ 0/0/ W. ♀ U.

~~CLYTORAYNCHUS~~

PHORYPHORIO ♀ 3/4/ W. U. look for Neolelage Artamus Aplonis

HIRUNDO ♀ 3/4 ad/ W. 3 spec.

MACROPYGIA ♂ 1/4-/ W 2 spec.

PTILOPUS GREYI. ♂ 1/2/ ♀ 3/4/ W 2 spec.

Wants 1937. Turdus. ♀ esp Tyto U.
U

Erythrura. U
Eudynamus. U
Cacatuas U
Zost flav } 4 of each U.
Zost lat }
Columba. 2 spec.
Coricina 2 spec.
Petrica 3 type spec.

Hirundo 3 spec.
Phorypehorio 5 spec. urgent.
Myagra black. several spec.
Collocalia van. 2 spec.
Collocalia esculent. 4 spec.
Petrodroma any available
Clytorynchus all available ♀ urgent
Pachycephala ♀ urgent 2 ♂ spec.

I. T.
P. gryi. 2 spec.
Chaergyra 2 spec.
Lichmera ♀.
Lelage few 2 spec.
Chalcophaps 2 spec.
Myzomela. 2 spec.

SPECIES

COLLECTOR: L. MACMILLAN.
COLL. No.

Saturday 11th. Dec 1977.

Fine clear close hot sunny after rain at night. cloud. 10·30%.

[122] Tyto. ♀ ¾ - O SE.
Shot 1PM open grassland plain, perched in low shrub.
W. extr. of island.
Shot on trech not examined
STM ⅒ residue grasshoppers legs.
SKL very thick + ossif.

[123] Myiomela. ♂ ¼ - SUB AD. white.
Feeding in lantana gant. W Jadin area.
SKL not ossified at all.
STM ·1 minute insects.

1 Phip. 10·3 grms. 7 AM.
2 Phip. 9·75 grms. 7·15 A.
3 Myagra. 14·37 grms. 7·30. ♂ SUB AD ¾ white. [124] 13/12/37 SKL C.O. STM insects.

[125] Cacom ½ ossif. ♂ ½ UT white. R.T. ½ · L T ¾ -) STM ½ caterpillars
W. 147. TL 135.
Moult. Breast c lowerback o
neck o up back c.
WT 46·55 grms.
26/9 AM.

Friday 10th 1937.

Walk. Hecancole to sea beach.
saw 2 Accipiter, 3 corvus, heard 1 Turdus, Turdus
rare accidentally. not much clearing by fire. good lat.
feds gardens. Columba common, Rhipidura, reported.
Collocalia spod. lure. nests eaves.

yoshrops lat. ♀ 1/1 + 0 F E. Egg in oviduct diam 9 mm.
Swdin land 8 AM. feeding parent. Hecaegidni.

(5) W. 61. TL 49.
120A MOULT W.L ⊗. TL undcorse. ABR W/T N.

STM 1/4 ceas. SKL Comp ossif.

(6) Tyto. ♀ 1/2 + 0. V S.E. (Moon 1/4 quarter.)
shot bare tree open garden land clearing 7. PM. 1/2 hour after sundown.
120B Rewa-La Roche area.
Soft Parts Iris very dark brown. Bill white horn. Legs feet dirty white claws dark horn
Bird very thin.
Note has a tiny worm parasite present in alimentary canals + mouth even in back of throat when mouth opened.

W. 270 TL 10 ♂.
MOULT NIL ABR W/T N.

STM 0/0 empty. SKL 2 very minute pin back patches clear + thinner looking but skull complete.

SPECIES

COLLECTOR: L. MACMILLAN.
COLL. No.

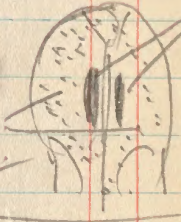
Thursday 9th Dec 37
Ocean Shore Jo.

Fine clear sunny, very hot, wind light E + NE. Cloud. 40% light haze.

General bush taller, Accipiter garden lands, Turdus? Columba common. Erythura nesting collapsed cave. Zyto present feathers.
Extinction Turdus.

(3) 119 Accipiter ♀ 1/2 7. O.S.E.
Shot village in coconut. 1 P.M. shot damaged.
W. 28 8 TL. 22.4.
MOULT W. covs. ADR W/S T/F.

STM 3/4 large green locust + insects. SKL 9/10 bsq O.S.



Erythura ♀ 1/1 O.V.S.E.
Shot garden lands roosting dark green tree. 6 PM.
(4) 120 W 57 TL 44. Head badly shot damaged.
MOULT Nil. ADR W/T N.
STM 1/1 grass seeds. crop 1/2 seeds. SKL comp ossif.

Fruit bat. M. (1). ♀
(M3 skull.) Shot a wing over native garden lands.
soft parts black.
Insufficient knowledge of measurement data necessary.

Loyalties. Mare Is.
Rawa Village.

8TH DEC 1937. Sun & showers, thundery. Clouds 60-80%.

NO1. MYAGRA. ♂ SUBAD. 3/4 white.
117 female plumage with black spot in rufous of chin neck.
must go AMNH. W. 71 TL. 65. SHOT. 3 PM.
MOULT W.R. ⊗ L. ⊗ A 8.9. W/ muscl wr M. TL/M.
7 L cons all abraded away.

STM 1/4 beetles. SKL. to possf

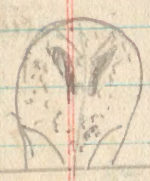
WAH-NEH-RI-KO-WAI

NO2 ERYTHRURA. ♀. (?) gonads shot damaged. W. 71
118 shot 6.30 PM. garden lands high bush. 30-40 ft.
Rawa.

MOULT W. R 3, 14-16, } seconds ♀.
L 3, 13, } cons ♀.
TL. R. 2 } rows ♀
L 3.
rump ♀ back M nape ♀ crown ♀
all underparts M xilin N.

A 9.9. W/T N.

STM 1/4 grass seed. SKL 9/10 ossf.



SPECIES

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SPECIES

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# SPECIES

COLLECTOR: L. MACMILLAN.
COLL. No.

A.M.N.H. No. DATE 194

SPECIES

SEX CONDITION GONADS.

SHOT WGHT. gm. SKL.

STM.

## MOULT

WING R. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25. SEC. UP COVS. UND. COVS.
L. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25. SEC. UP COVS. UND. COVS.

TAIL R. 1,2,3,4,5,6,7,8,9,10. UP COVS. UN COVS.
L. 1,2,3,4,5,6,7,8,9,10.

BODY UPPERS—RUMP LOWER BACK UPPER BACK NAPE CROWN CHEEKS
UNDERS—VENT. FLANKS BELLY BREAST NECK CHIN

ABR. W. T. W./T.

## SKULL

## REMARKS

SPECIES

COLLECTOR: L. MACMILLAN.
COLL. NO.

A.M.N.H. NO.

DATE 194

SPECIES

SEX CONDITION GONADS.

SHOT WGHT. gm. SKL.

STM.

MOULT

WING R. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25. SEC. UP COVS. UND. COVS.
L. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25. SEC. UP COVS. UND. COVS.

TAIL R. 1,2,3,4,5,6,7,8,9,10. UP COVS. UN COVS.
L. 1,2,3,4,5,6,7,8,9,10.

BODY UPPERS—RUMP LOWER BACK UPPER BACK NAPE CROWN CHEEKS
UNDERS—VENT. FLANKS BELLY BREAST NECK CHIN

ABR. W. T. W./T.

SKULL

REMARKS