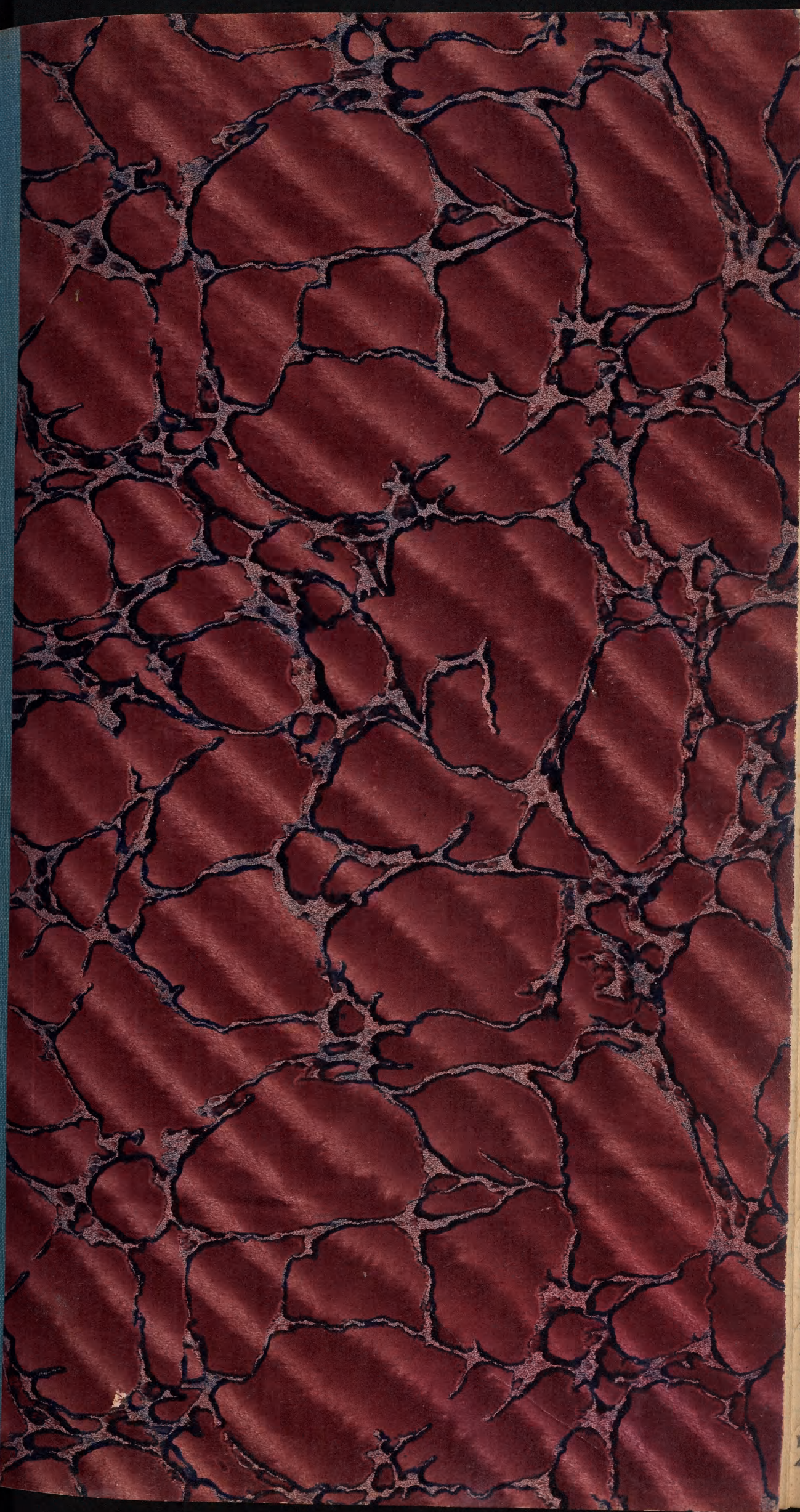


SNH

ROBERTSON
BOOK



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CODE.

- MAYOK. *consignment arrived OK.*
- MAYIS *consignment arrived OK + good interesting material*
- MAYAS. *consignment arrived OK + carry on with same full system.*
- MAYCS. *carry on with same full system communication received OK.*
- MAYLS. *communication received + am doing more in the matter.*
- MAYLN. " " " " *no more in the matter.*
- MAYAB. *but down a good deal on detail + thoroughness + speed up completion.*
- MAYAC. *Run over areas as briefly as possible.*
- MAYAZ. *Funds not available skim through + complete.*
- MAYNZ. *Complete work or finish at once.*
- MAYNC. *Complete work as you think best.*
- MAYNF. *Funds are scarce but do essentials + what ever possible. (can be followed by amount of funds)*
- MAYAD. *Carry on can raise all additional funds necessary including supplies of ammunition ect. (can be followed by amount of dollars (per mth) available)*
- MAYAR. *Carry on can raise additional funds with supplies (followed by amount per month).*
- MAYAS. *Carry on can raise small additional funds but be as economical as possible + it will suffice reworking on \$10 per mth over all expenses exclusive of ammunition)*
- MAYAT. *Same as above but including cartridges.*
- MAYAN. *Cannot raise additional funds.*
- MAYFA. *Have or am forwarding funds to trustee in Sydney, Australia, can be followed by amount + trustee's name.*
- MAYFL. *Await my letter of instructions.*
- MAYFO. *Am very interested or last communication very interesting*
- MAYSO. *Agree to conditions in last ^{or questions} letter or communication received.*
- MAYNO. *Answer in negative to questions or conditions in last letter or communication received.*
- MAYNY. *Answers mixed await my letter.*
- MAYRT. *Concentrate on bird or birds named — or am concentrating.*
- MAYRI. *Such + such a bird or birds proving interesting (followed by name + carry on with it.*
- MAYRN. *such + such a bird or birds is or are new, or I believe new, followed by names.*
- MAZRT. *Am forwarding consignment skin ect. per old channel arrange delivery freight permits ect. your end Burns Philps, Frisco office.*
- MAZ(A-J) *meaning consignment should arrive in numeral reading number of weeks, A being 1, B 2 ect.*
- MAZRE *forwarding skin you want per post. MAZRC. by cargo.*
- MAZRO. *Am forwarding skin(s) of great interest by post. MAZRW post. MAZRK cargo. For what you want. MAZRS. articles or papers by post.*
- MAZME. *forward all your available material can be followed by birds family name if one family*
- MAZCR. *forward ^{immediately} consignment of supplies as am or will run short before next due date.*
- MAZCZ. *forward extra consignment immediately + usual consignment at usual date.*
- MAZCH. *half usual consignment MAZCK as above but $\frac{1}{2}$ usual. MAZ ^{with packing} _{cut usual supplies to $\frac{1}{2}$ CH $\frac{1}{2}$ CK $\frac{1}{2}$ CM}*
- MAC(A-B) *carry on for numeral number of months. QACAB. would be can you carry on 12 mths.*
- IMRPE *must improve skins.*
- IMRPU. *improve the quality of your skins for the love of mike.*
- IMRPO. *skins fair but try + improve.*
- IMRGO. *skins are passable but try + improve.*
- IMRZR. *skins are O.K.*
- IMRZN. *skins are good. (hope the only one I get in future) can be used in sense of safety or meaning interesting by ZRM for safety NZR for interesting.*

DO---	A to J mean dollars		
NU---	A to J is the plain numeral sign.	A. 1	F. 6
SU---	A to J is the number of skins in a consignment.	B. 2	G. 7
WU---	A to J family name numeral of skins wanted.	C. 3	H. 8
HU---	A to J have number of skins wanted.	D. 4	I. 9
		E. 5	J. 0

GURNT-family name what number of skins per.

Q beginning any message or group of 5 letters puts it in a question form.
 e.g. QNZR means are skins interesting
 QAYIS has consignment arrived OK + is it interesting?

My additions
 MNYA-J new bird or believe new birds found in area —
 MRYA-J not previously or believe not previously recorded previous —

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CODE.

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- MAYFA. ^{Have or am forwarding funds to trustee in Sydney, Australia, can be followed by amount + trustee name.}
- MAYFL. ^{await my letter of instructions.}
- MAYFO. ^{am very interested or last communication very interesting}
- MAYSO. ^{Agree to conditions ^{or questions letter or} in last communication received.}
- MAYNO. ^{answer in negative to questions or conditions in last letter or communication received.}
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- MAYRT. ^{concentrate on bird or birds named — or am concentrating.}
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- MAZME. ^{forward all your available material can be followed by birds family name if one family ^{only wanted}}
- MAZCR. ^{forward ~~immediately~~ consignment of supplies as am or will run short before next due date.}
- MAZCZ. ^{forward extra consignment immediately + usual consignment at usual date.}
- MAZCH. ^{half usual consignment MAZCK as above but ^{as above but} $\frac{1}{2}$ usual. MAZ ^{with packing} $\frac{1}{2}$ usual supplies to $\frac{1}{2}$ CH $\frac{1}{2}$ CK $\frac{1}{2}$ CM}
- MAC(AB) ^{carry on for numeral number of months. QACAB. would be can you carry on 12 mths.}
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- | | | |
|------|------|---|
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| B. 2 | G. 7 | |
| C. 3 | H. 8 | |
| D. 4 | I. 9 | |
| E. 5 | J. 0 | |
| | | |
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 e.g. QNZR means are skins interesting
 QAYIS has consignment arrived OK + is it interesting?
 any additions
 MNYA-J new bird or believe new birds found in area —
 MRYA-J ^{previously or believe not previously recorded} previously recorded pro-area —

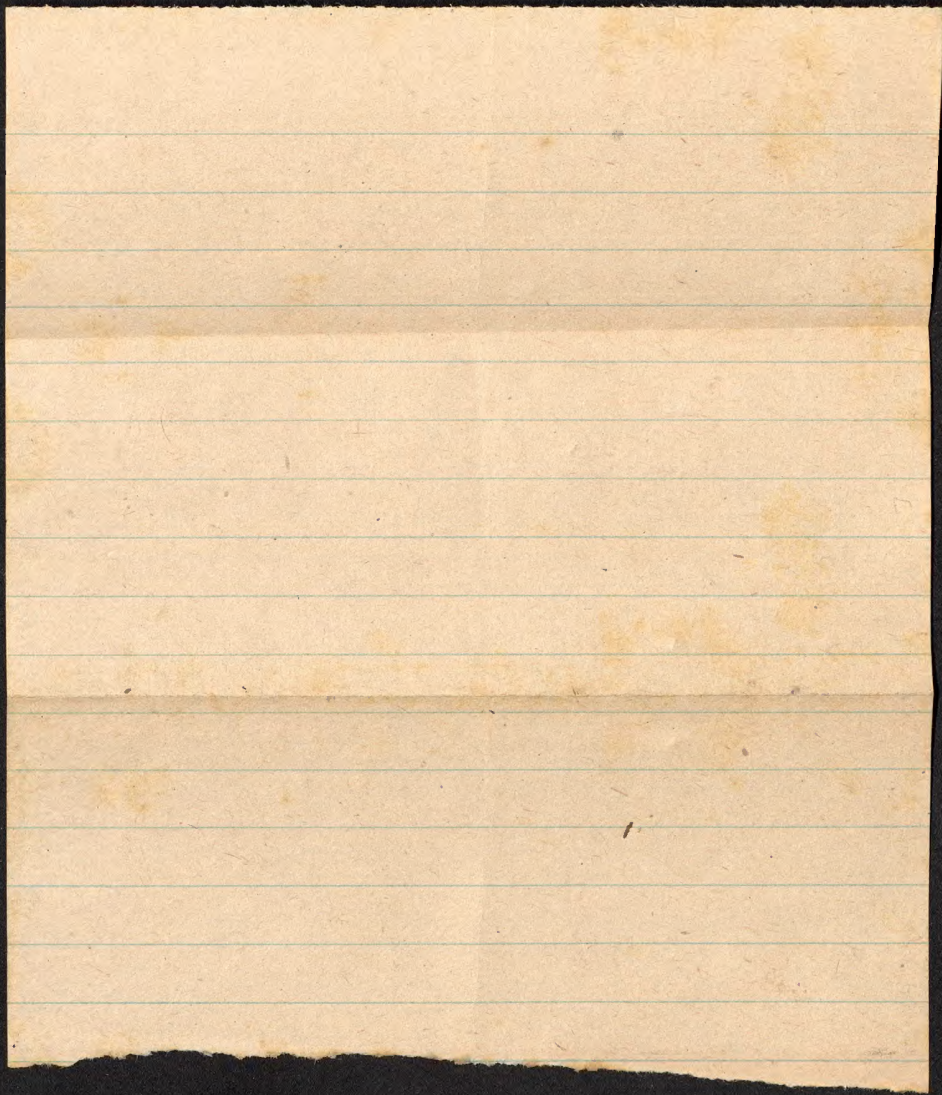
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Anous minutus (Boie) page 108.

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NB.

NB oversight in
field book
missed out R299

no bird missed but
just number jumped

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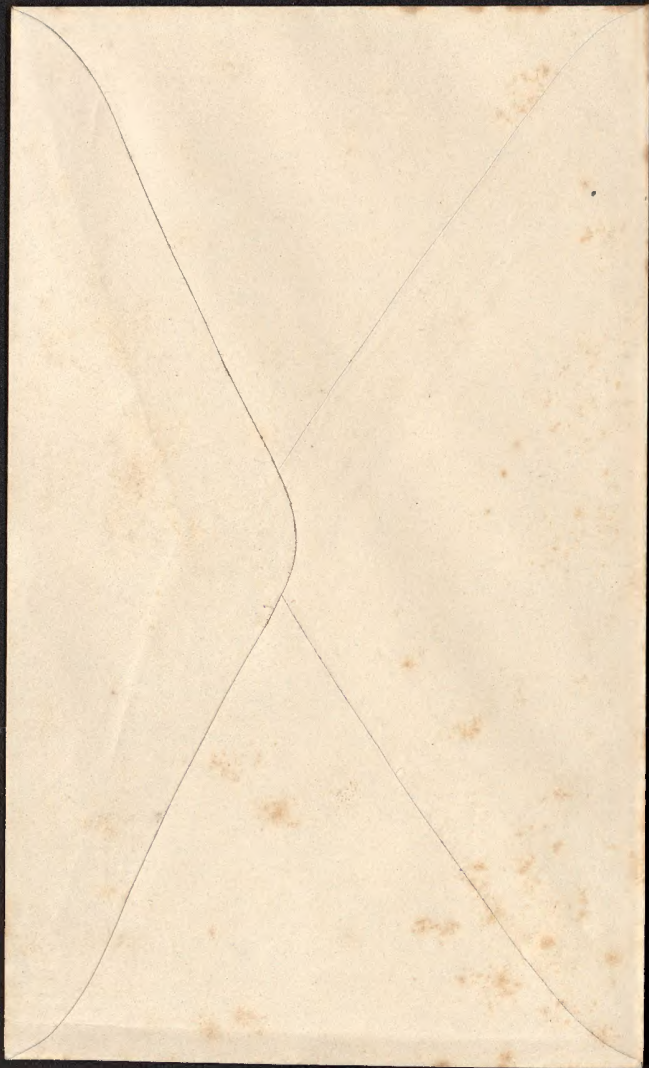
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missed out R299

No bird missed but
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Zosterops flavifrons

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Zosterops lateralis tannensis claytonensis.

page 36

" " watensis (?) poss same as claytonensis.

page 150

Laika Island

SKINS.

Pterodroma New sub species. Possibly related to *P. thermineri rugosa*.

Description. General warm dark chocolate, lighter under.

Soft parts white downy streak below eye. Iris dark brown

Bill slate hooked.

feet & legs black outside, pale flesh inside, also 2 inner toes & webbs,

outer leg & toe black.

1935

SKO 28/1 ♀

MOUNT.

tail very narrow
stomach empty. Remains. Poss sub adult. caught in open
amongst bushes at 9:45 PM, 29/1/35. native name. *Porche*
w. slight T slight.

N. 310, B. 55, TL 137, TR 45, Al 18 inches.

stomach empty. Remains. Poss sub adult. caught in open
amongst bushes at 9:45 PM, 29/1/35. native name. *Porche*
(egg)

Species
examined
Southern
New Hebrides
1935-6

PENTECOST.

Tyto ALBA LULU (PEALE)

SK1 IRIS dark brown pupil large.
BILL light horn pinkish base.
FEET+LEGS greyish white, hairy, claws long dark horn very sharp.

TANNA IRIS ditto SK 16
BILL white horn, paler base than pink.
LEGS dirty yellow white hairy.
FEET toes darker upper, under creamy yellowish

Table with columns: SKIN, SEX, SHOOTING DATA, GON, TOTAL, W, TL, BILL, TA, MOULT, ABR, STM+CONT.
Rows include SK1 IR1, SK16 R30, SK104 R27, SK142 R317.

1936

Table with columns: SKIN, SEX, SHOOTING DATA, GON, TOTAL, W, TL, BILL, TA, MOULT, ABR, STM+CONT.
Row includes SK 156 R340.

East Tanna dialect native name. Kikmeit.
Aniwa dialect native name. RURU

Remarks.

Shot on ground, feeding in day time, 50 yds from sea shore in open coconut plantation.
Taken as specimen for comparison with Southern birds. N.B. check letter.
This bird was very verminous, having holes of the rodent ticks on its (right) side of bill.
Fairly common in W. sand area, especially open types of country such as scrub, bush, plain + pandanus cane grove.
Badly shot damaged: This bird is known as the Felina bird amongst the natives.
They say the staring + eyes turned up in head of children who see of Felina is the same as the look of this birds face.
i.e. children catch the sickness from the bird.
how or when they don't know. Possibly reason for their killing them when ever possible.
a number present on this island, fairly common. Much the same as Tanna but hard to tell as sex difference poor.

(one pale white horn legs greyish white. claws grey horn)
(largest oocyte damage. diam second largest oocyte 9mm. oviduct very much enlarged. large oocyte is dust damaged)

Handwritten notes on a separate piece of paper:
Tytu alba lulu
Amur's description
app'l female
Bill white horn, no clearing at base.
Legs dirty white, feet darker, claws dark horn, under toes yellowish white.

PENTECOST.

Tyto ALBA LULU (PEALE)

IRIS dark brown pupil large.
BILL light horn pinkish base.
FEET+LEGS greyish white, hairy, claws long dark horn very sharp.

IRIS ditto SK 16
BILL white horn paler base than pink.
LEGS dirty yellow white hairy.
FEET toes darker upper, unders creamy yellowish.

Table with columns: SKIN, SEX, SHOOTING DATA, GON. TOTAL, W, TL, BILL, TA, MOULT, ABR, STM+CONT. Includes entries for SK 16, SK 16 R.30, SK 16 R.27, SK 42 R.317.

1936

Table entry for SK 156 R.310, including shooting data and measurements.

East Tanna dialect native name. Fikmeit.
Aniwa dialect native name. Ruru

Remarks.

Shot on ground, feeding in day time, 50 yds from sea shore in open coconut plantation.
This bird was very verminous, having loads of lice redd ticks on its (opist) open of bill.
badly shot damaged: This bird is known as the Tetina bird amongst the natives. They say the staring eyes turned up in head of children who die of Tetina is the same as the look of this birds face.

(one pale white horn legs greyish white. claws grey horn)
(largest oocyte damage, diam second largest oocyte 9mm. oviduct very much enlarged (large oocyte is dead damaged).)

memo

Arviva description
soft parts

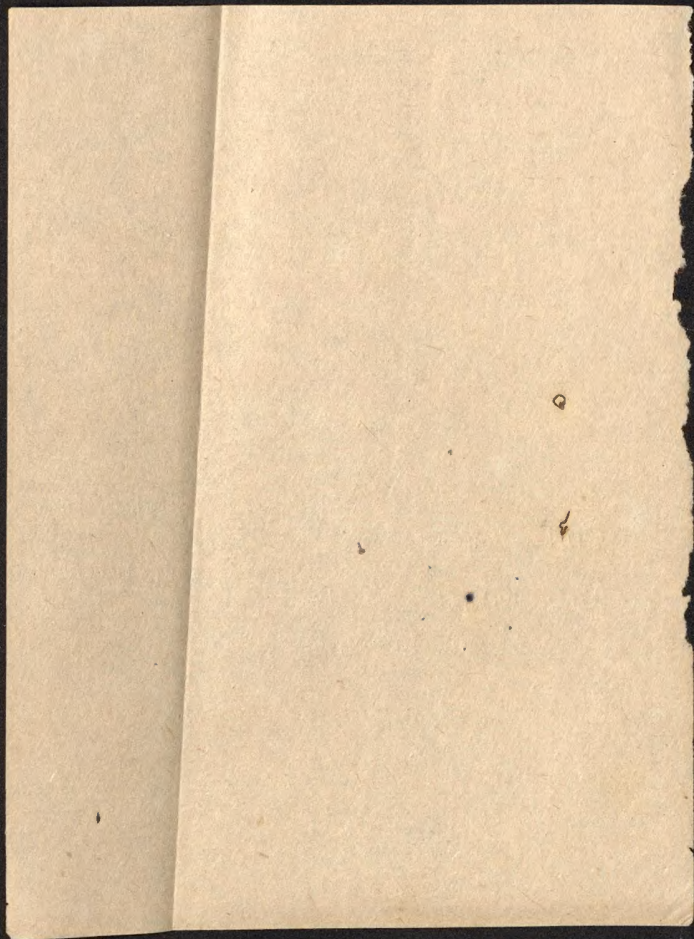
Tyto alba bulu

iris dark brown.

Bill white horn, no coloring at base.

leg dirtyish white, feet darker, claws
dark horn, anterior toes yellowish
white

~~Job~~



PACHYCEPHALA PECTORALIS (INTACTA?)

PENTECOST
(soft parts?)

skin & out SEX GON. TOTAL. W TL. BILL TR. MOULT. ABR. STOMACH.

1/8/35
SHOT 11 AM. Coastal scrub
10 ft. 50. Concord, N.H. pub.
Asl. W. Pentecost, N.H. ad. ♂
SK 1A R2. ♂ 165 86 61. BG. 238-29. - -

1936

Remarks.

Shot for comparison with southern N.H. birds. badly damaged by large shot; moult data rather unreliable on this specimen.

This image shows two facing pages of a ledger, numbered 6 and 7. Both pages are ruled with a grid of blue horizontal lines and red vertical lines. The grid is mostly empty, with some very faint, illegible markings on page 7. The paper is aged and yellowed.

MYZOMELA CARDINALIS CARDANUS (Gmelin)

TANNA
IRIS dark brown.
BILL black
LEGS dark slate.
FEET under toes yellowish.

ANIWA
IRIS brown.
BILL black.
LEGS blackish slate.
FEET. ditto under pale whitish yellow.

Table with columns: SK+Rout, Sex, Shooting data, Gov, Total, W, TL, BILL, TR, Molt, Age, Stomach. Contains multiple rows of bird specimen data.

1936

Table with columns: SK+Rout, Sex, Shooting data, Gov, Total, W, TL, BILL, TR, Molt, Age, Stomach. Contains specimen data for 1936.

CONT. ON PAGE 186-7.

East Tanna dialect native name Koujimerera
Aniwa island dialect native name WINWINNI
ERROMANGA Is. South Rivers. P. VIALOU ♀
Elizabeth Bay, Dillon Bay. WAHVEHU ♀ ditto.

Remarks.
Shot for comparison with southern birds. This bird had lice on the body.
Flies into house & caught on window. very pugnacious.
Shot outside pig fence in semi bush-coconut type of country...

NOTES

28/6/36. ERROMANGA.
In one or two spots along these western foothills of the NW or North
Central mts bare clay pans (red) with stunted vegetation & some
bracken fern run up to 1000 above sea level & from about 800-1000'

PTILOPUS GREYI (BO NAP)

IRIS reddish tinge of light brown.
BILL olive green large nostril.
LEGS crimson
FEET crimson.

ANIWA.
IRIS reddish light brown yellow down edged.
BILL pale green.
FEET+LEGS light red.

ERROMANGA Is.
Iris pale orange. eyelid yellow edged.
Bill dark green, lighter yellowish green tip.
Legs+feet. dull red. claws dark brown.

Table with columns: SK & ROOT, SEX, SHOOTING DATA, CON. TOTAL, W, TL, BILL, TR, MOULT, ABR, STOMACH. Rows include specimens R5, R23, R42, R60, R61, SK116 R248, R269, R270, R271, R287, R288, R289, R290, R303, R384, R385, R386, R437, SK299, R588, SK300, R589.

1936

SP153

East Tanna dialect native name. Bineia

Aniwa Is. dialect. native name. FAYGURU
Dillon's Bay ERROMANGA Is. dialect. NOMPONDER

Remarks.

Shot at village above Neasise, which is a bay on the east side of Tanna. The hills rise very steeply from the shore to about 700 feet ASL. Neasise is a different type of country to White Sands. Being better vegetation, more ferns + denser than W.S. Having a lot of coconuts + semi bush-garden land. Bird feeds on nests, usual nest of few twigs on horizontal branch. Specimen had full sized egg almost laid. 34x24mm. egg kept as specimen.
legs damaged. so TR. measurement may be doubted but I think it is correct but check by later specimens.
Had flying ticks + peculiar odour.
Left testis 13x7. rt. testis 10x8.
Largest oocyte .3 mm.
(about 8x4-5mm. slightly smaller) specimen very fat. Very common throughout the whole island. on handling appears a smaller bird than on Tanna. but measurements are as large. There may be a weight difference.
There is a great deal of variation in amount of yellow in wing of this species.
(oviduct enlarged. diam largest oocyte 7mm).
all four put in spirit to show wing + breast variation, also chin variation.
Sub-adult plumage. tinge of purple starting on crown.
some pink + yellow on belly. pink shot green crown.
pale green crown, odd pink feathers. vent yellowish odd pink feathers.
(looks signs of R. ovary?) Badly shot about.
Very pale green neck + body. purple crown, purple belly, yellow vent. Badly shot/damaged.
specimen very fat.
(SHL is very small patch, not ossified)
SHL not examined. Note left wing tied together with sticky fibre (still attached to specimen). Handwing flight also pronounced greyish purple spots on nape/feather.
L. test 10.8x6mm.
R. test 7.5x5mm.
Specimen very fat.
Bill lighter green.
SHL. 2 small patches not ossified.
(diam largest oocyte 3mm).

CACOMANTIS PYRIPHOPHOMUS SCHISTACEIGULARIS (SHARPE)

IRIS crimson
BILL black (blue grey tinge).
LEGS drab grey.
FEET upper two drab grey under toes yellow.

Table with columns: SK & ROUTE, SEX, SHOOTING DATA, GON. TOTAL, W, TL, BILL, TR, MOULT, ABR, STOMACH. Includes entries for SK 4, SK 24, SR R100, SPI 27 R145, SK 69 R154, SPI 28 R165.

1936

Table with columns: SK & ROUTE, SEX, SHOOTING DATA, GON. TOTAL, W, TL, BILL, TR, MOULT, ABR, STOMACH. Includes entries for SP 179, R372, SP 180, R373, R402, SK 196, R414, SK 203, R429, SK 229, R458, SK 247, R479, SP 185, R480, R490, SK 258, R493, SK 262, R498.

East Tanna dialect native name. IAVA-NOU
Eastern foothills (Saka) dialect } BILBILNOGONI
" " (Janemelan) "
Dillon's Bay Erromanga. EFORAMUNG-KANI
Aniwa Is. NUVARIAN

Remarks

Shot by native in garden land. Moves about in early morning not much seen during day. Fairly common in white sands area where Rhip. flat. bunch. is very common. It always do not know of its parasitic habits. This specimen had left testis enlarged. ...

No measurements taken but as they seemed quite ordinary. But very interesting as it was entirely absent during my visit in Dec. & January. also birds it is entirely absent on Aniwa. It seems to be migrating somewhere as the boys say it appears twice a year or so & is entirely absent at other times. ...

Called NUVARIAN by natives. This leaves only the one they call. manufacturing/pating still unclassified. What is it, a chalcid of some sort, pter. Lucidus lucidus. ...

Very common in area, as is its foster Rhip. flat. Calling much at this time of year. ...

Very common in area as it is heard calling much at this time in open type of country & in scrubby areas. ...

Probably sub adult in changing (or almost complete) phase. Note feathered marks on breast, neck & chin, like eyes. ...

2 large patches not on ocell. full adult plumage. ...

obvious consid. enlarged. large area not on ocell. ...

This specimen's foster parents were Petroria which were feeding it. These parents are 6K. 263 & 4. in notes same date. ...

TRICHOGLOSSUS ORNATUS MASSENA (BONAP)

TANNA. IRI'S large pupil, yellow with dark outer ring. BILL reddish pink, paler tip. LEGS slate. FEET slate upper pale under, claws black.

ANIVA. ditto Tanna. Iri's dark inner ring orange outer ring.

ERROMANGA. Iris crimson dark inner line. Bill blackish paler yellowish tinged tip. Legs lead grey.

SK & ROUT NO. SEX SHOOTING DATA. GEN. TOTAL W TL. BILL TR. MOULT. ABR. STOMACH.

Table with columns for SK & ROUT NO., SEX, SHOOTING DATA, GEN. TOTAL, W, TL, BILL, TR, MOULT, ABR, STOMACH. Rows include R.9, R.101, R.110.

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Table with columns for SK & ROUT NO., SEX, SHOOTING DATA, GEN. TOTAL, W, TL, BILL, TR, MOULT, ABR, STOMACH. Rows include SK153, SK210, SK211.

East Tanna dialect native name SEUL. ANIVA dialect native name SERAKURA. Erromanga Is. Dillons Bay (N) native name URAY.

Remarks

Fairly common in White Sands area, but not as common as on most islands up north. Feeds a lot in banyans at this time of year. Not in as large flocks as up north.

Too much moult for good skin.

By no means common. Only a casual visitor to Aniva from Tanna or Erromanga which are both very plain with good visibility. This specimen was very fat, + had lice + flying ticks on it. Only heard 3 or 4 of this spec. during my two-hour search.

Table with columns for SKULL, ADDITIONAL DATA, REMARKS. Rows include SK210, SK211.

The image shows two facing pages of a ledger, numbered 18 and 19. Each page is ruled with a grid of horizontal and vertical lines. The vertical lines are red, and the horizontal lines are blue. The grid is designed for recording data in columns and rows. The paper is aged and yellowed, with some staining and wear visible, particularly along the spine and edges. The ledger is bound in a dark cover, visible at the very edges.

RHIPIDURA FLABELLIFERA BRECHLEYI (SHARPE)

TANNA. IRIIS dark brown. BILL black with white horn at base, bristles at base of bill. LEGS & FEET black.

ERROMANGA. IRIIS dark brown. BILL black (white base lower M). LEGS black.

Table with columns: SK & ROUT. No., SEX, SHOOTING DATA, CON., TOTAL, W., TL., BILL, TR., MOULT., ABR., STOMACH. Rows include specimens R.10, R.11, R.12, R.19, R.33, R.34, R.56, R.98, R.151, R.155, R.175, R.195.

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Table with columns: SK & ROUT. No., SEX, SHOOTING DATA, CON., TOTAL, W., TL., BILL, TR., MOULT., ABR., STOMACH. Rows include specimens R.379, R.417, R.460, SK.248, R.482, R.504, R.505, SK.289, R.528, SK.290, R.529.

CONTINUED ON PAGE 182-3.

Dellous Bay, Erromanga. SU SU

Remarks. very common in White Sands area in garden lands & semi bush, part. the latter. Goes up to 30+40 ft from ground but generally hunts from the ground up to about 20 ft. Its fairly frequent, & will always come to a squeaking call imitating young birds in distress. This spec. was buffy under, poss. Sharpe's R. erromanga. This specimen had the L. testis enlarged ++ and the R. test. 1/2 only. Not as buffy under as R.10. but perhaps an intermediate stage of R. erromanga (Sharpe) which I think is really the same. R. flab. brechleyi. This specimen probably sub-adult, judging by gonads & measurements. Also not so buffy under as R.10 but possibly more than R.11. Badly damaged. (Shot with its mate SK.19) couldnt find nest. buffy under. Buffy under. usual, perhaps not quite so buffy underneath (largest. oocyte 2.75mm). Gapes, yellow. left to be sexed by museum. goes with SPN. 5. Shot by low sun much badly damaged. Much darker generally than others, patch feathers in wing distinct cinnamon instead of white. under pale except upper breast which seems to have extensive grey patch. (or cinnamon). notes rufous shoulder patches. These are evidently carried well on in the first year plumage as shown in specimen R.175 [SK.78]. This sp. for the [R.151] [SP.122] irregularity, as it is prob. sub-adult. Sub-adult. 2 wings taken. bird feeding & active when shot. note brown cinnamon wing patches. many lice on chin.

IRIS dark brown. BILL upper M black, white at nostrils, lower M. white horn black tip. LEGS & FEET black. Had no rufous in wings but was sub-adult. Skull not ossified. soft parts same as Tanna. Buff under, white chin & very distinct black breast bar. Fairly common in area but not as common as White Sands Tanna area. Seems to be confined to the scrubby gullies & odd patches of dense scrub on hillsides. Badly shot damaged. Buff under, white chin & ear. White wing marks. ERROMANGA 16/5/37. appears the same as Tanna in habits & everything. SKL comp. ovoid. Has numerous lice on chin, or white lice egg cases. SKL comp. ovoid? Very badly shot damaged. White wing spots buff under. SKL comp. ovoid. SKL smashed to pieces. Possibly sub-adult but has white wing spots not rufous. SKL comp. ovoid. Badly shot damaged.

COLLOCALIA ESCULENTA UROPYGIALIS (GRAY)

IRIS dark brown.
BILL black, small hooked, very wide gape.
FEET & LEGS, black. very weak, almost useless.

SK & ROUT. NO.	SEX	SHOOTING DATA	CONF.	TOTAL	W	TL.	BILL	TR	MOULT	ABR.	STOMACH	
SK6	R13	♀	Swatched with a stick on road. 10 AM. 3/19/35. 150. A. St.	EX. Wings	90	100	43	69	6.3	9	all uppers odd.	W/T Nil 1 minute insects.
R.31	♀	White Sands, E. Tanna. Sun. dull & heavy fog. 11/10/35. killed by fog with heavy fall of coral fish on road. 12.5. Suck. W. S. ST. 2/11/36. 10 AM bright sunny day on wind near bay area.	White Sands East Tanna	100	109	44	6.10	6.3	9	nil	nil	1 minute insects.
R96	♀	White Sands East Tanna	White Sands East Tanna	95	98	43	6.10	4	8	apl.	nil	1 minute insects.
SP117	A	2 nestings with nests. 8/11/35. 15 PN. 11/12/35. 2 nestings no data. found during gale wind hurricane for White Sand E. Tanna.	White Sands	100	109	44	6.10	6.3	9	nil	1 minute insects.	
SP145	R238											

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SK172	R.381	♂	3/13/36. 12 PM. Rain + wind strong. In bay area, 20' colony of 5 nests. dense forest, garden land, dense forest, undergrowth, deep duff, gullies, rough country. 1000' alt. of steep grassy hills. Sakman	OT	96	95	43	6.10	6.4	7	W: R. 1-4.5" L: ditto. TL: all crown & all body many f.	W/T N. 3 minute beetles + insects.
SK173	R.387	♂	Sakman area, southern or southwestern corner of Eastern foothills area. Area of EAST TANNA.	OT	95	86	41	6.10	6.3	8	W: R. L. all, inwards & outwards. W/T TL: all, crown & scattered on body f.	W/T N. 1 minute insects.

East Tanna dialect native name. COULIE-KABOU.
KAVOU in southern area.

Remarks.
Very common everywhere in White Sands area. Nests principally in banyans amongst roots.
Larger than R. 13.
Broken egg.
Unusual place, Banyan roots. 20 feet above ground. Colony of about 40. Large for this area as usual is about 6 or 7 pairs to a colony.
Mortality in nestlings during hurricane at least 80% possibly more.

(both but operatic black) legs feet pale flesh claws black. fairly common in area but not as numerous as at lower levels.
off parts ditto R. 381.

PETROICA MULTICOLOR SIMILIS (GRAY)

IRIS dark brown
BILL black, soft yellowish gape
LEGS nigger brown
FEET under toe yellow

Table with columns: SK#, R#, SEX, DATE, TIME, LOCATION, CON., TOTL., W., TL., BILL., TR., MOULT., ABR., STOMACH. Contains 20 rows of bird capture data.

East Tanna dialect native name. Iomanerfun - Eravaree
East Tanna dialect name. BULEN BULEN
(Ganemelan) G-00TG-00T

Remarks. This was the second male petroica seen... Female. Possibly sub-adult... Adult plumage... Shot on hillside of gully... Full adult plumage... Direct to spirit for museum examination... One male adult plum... a brownish tinge as in sub-adult...

HALCYON CHLORIS JULIAE (HEINE)
" " TANNENSIS (SHARPE)

IRIS dark brown.
BILL upper M. black, lower M. black tip half or 2/3 white base half.
LEGS + FEET flesh grey to dark slate + darker shades.

Table with columns: SK. & ROUT. NO., SEX, SHOOTING DATA, GEN., TOTAL, W., TL., BILL, TR., MOULT, ABR., STOMACH. Contains numerous rows of bird specimen data including dates, locations, and measurements.

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East Tanna dialect native name. KAVIETIA KOUVETI
Aniwan Is. dialect native name. KEIEMO
Exomanga (Dillon Bay). UHKI

Remarks.
Common around White Sands in all types of country. This bird is generally infested with a flying tick, (spirit samples)
Have noted a large species of tick not so common (also of type albicollis) + a smaller variety which is very common.
A strangely late moult. This specimen had 4 flying ticks (11/36 not unusual)
Also fairly late moult. This had 1 tick only + that a large one. (see note R22) 11/36.
Also with ticks, but all small variety.
Also with ticks. This spec. had the left test. opaque. White throat buffy all other unders.
This Halcyon doesn't call so much in dull weather. Has ticks of small variety.
Blue green back. Buff tinged white collar full black stripe, full buff stripe buff unders, white chin.
Has ticks.
Chin longest oocyte 2.0 mm. pure white on unders except under wings buff. green back. clear distinct wide white collar.
Has 2 flying ticks. Left test opaque (black) 5mm x 3mm.
Bluish uppers. buff collar distinct black band, then indistinct buff. white chin throat, buff unders.
greenish back, buff + white collar, black collar, buffish color. white unders tinged buffish (odd places).
crown gulls dark, above eye rusty band gulls, below eye across ear black stripe, below that white stripe.
all upper gulls blue black, under gulls rusty buff, iris dark brown bill black white tip sharply hooked black tip.
has ticks. buff collar no white. black collar, white collar tinged buff. buff unders, white chin. blue uppers.
both test opaque 6x3.5mm.
white unders. buff stripe above eye black + blue stripe white collar.
has flying ticks (skinned by boy).
buff unders white chin. buff eye stripe. blue black stripe, buffy white collar.
has ticks.
white unders. buff eye stripe. black collar, white collar. blackish edging on back.
has ticks (oviduct very enlarged).
buff unders, white chin. buff eye stripe, blue black collar, buff collar.
has ticks. (both test opaque 8x6mm)
Wind at times hummer like. Burrows centered in center of central group. ENE. ONE around bald patch neck crown poss from
Direct to spirit for museum examination.
Duct slightly enlarged. iris brown. bill black, extreme tip pale brown. legs feet brownish black.
has flying ticks.
Left test opaque. R. test opaque 7x4.25 L. test 5x3mm.
(has flying ticks)
(both test opaque) Called Emay by natives, rufous breast. no doubt Tannensis. It has a harsh hairy type of breast feathers
to the touch, not soft as in the white breast of julia.
(duct slightly enlarged. chin longest oocyte 3mm) Pure white breast of julia.
(abrasion wings + tail muscled outer primaries C. but general average S.)
very similar to above (R292) pure white breast of julia.
(both test opaque) semi buff unders.
This dark brown. tail black lower M. has black border white horn base unders. legs feet lighter brown under toes pale. claws black. Rosy feathers.
greenish crown + back. buff + opaque white unders. Possibly young adult. Has flying ticks.
INTERESTING
has flying ticks. white unders flanks buff tinge. darkish collar marks.
S.R.D.K. 20 R. 355.
Has ticks. dark collar marks across breast numerous + extending even to neck. buff collar, black collar paler buff collar.
(both test black) badly shot damaged. buff unders.
buff tinged unders with neck marks. legs feet brownish black.
pure white unders. blind in eye. feet dark greyish black.
legs feet nigger brown paler under toes. couldn't definitely see it as sex organs shot damaged.
unders touch buff + white black breast marks.

ZOSTEROPS FLAVIFRONS

IRIS light brown pale outer ring. BILL upper M. black horn, lower M. tip & black, base & pale white horn. LEGS & FEET greenish tinge of slate.

IRIS light brown. BILL upper M. brownish black, lower M. tip & white base pale white horn. LEGS & FEET greyish slate.

1915 light brown. BILL long dark horn. LEGS & FEET slate grey.

Table with columns: SK. & ROOT No., SEX, SHOOTING DATA, GON. TOTAL, W, TL, BILL, TR, MOULT, ABR, STOMACH. Contains 25 rows of bird specimen data.

East Tanna dialect native name. KLEBLEBBAN. KOUER. Eastern foothills (Esaka) dialect. (Panemelani). Aniwa Is. native dialect name. FURISAYU. Dillon Bay, Erromanga. OELKEP.

Remarks. Singing when shot. Along with Z. lat. the commonest bird in all types of bush in White Sands area. Egg in oviduct broken by shot. Noted 2 skinned but large corms amongst oocytes like cases which may have held fertilized eggs. Poor skin. Typical no variation. Ovaries very peculiar as if of a much smaller to Petrochelidon. Perhaps the sign of eggs laid & laid sitting. Shot in border Sewi country near edge of ash plain. Appears slightly smaller than previous poss. immature. Bill appears light compared with R 103. ... (test 11 x 8 mm. badly shot damaged). (test 8 x 5 mm) } poss. mating. Brighter yellow under & on pre forehead than others from E side of lake. (test 10 x 8 mm) yellow under. Brighter than White Sands. Brighter than White Sands. put direct into spirit for museum examination. (test emb. 11 x 7 mm). Common throughout this area. Similar to White Sands & Sewi area but running brighter & larger as would be expected. I don't think from a nest & habit study there is much difference. They nest in wild cane, trees, etc. (test emb. 9 x 6 mm) Bright under but very similar to previous 2. No. R 167 + 168 somewhat brighter yellow under than white sands area. (ditto) ditto above not so large may be female sub. ad. fem. by gonad. (oviduct slightly enlarged). Very common throughout whole island. Commonest bird on island number per sq. mile must be very big. Direct to spirit for museum examination. with pale belly. ... (test 10 x 8 mm) ...

SK#	ROUT. NO.	SEX	SHOOTING DATA	GEN.	TOTAL	W.	TL.	BILL	TR.	MOULT	ADR	STOMACH	Remarks										
SK117	R256	♀	18/12/35. 6-12 AM odd squalls garden lands, sun, SE wind. hardwood scrub general sample from whole island 0-100 ASL... No record differs from parent.		137	66	49	G20C14	21	W.R. 8, L. 9, covs odd TL: covs 2 upper back M, crown 2. all under 2	W/T F	1/2 insects, ants											
SK118	R257	♀	Aniwa Is. garden all low, hills black brown, top black, base of lower M. pale horn. legs felt greyish blue slab.		138	65	47	G20C14	20	W.R. 8, L. 8, 9 TL: covs 2 all upper 2, all under 2	W/T S	1/2 insects, fruit.	(test enlarged. 8x5.5mm.)										
SK119	R258	♂	Aniwa Is. garden all low, hills black brown, top black, base of lower M. pale horn. legs felt greyish blue slab.		139	68	49	G21C14	21	W.R. 8, L. 8, 9 TL: covs 2 back M all upper 2, few scattered	W/T V.V.S.	1/2 fruit seeds.	possibly sub adult.										
	R259	♂			0+	0	65	G20C14	21	TL: 2 crown odd chin odd	W.S. TL: 2	0 empty	(soft gape.)										
	R294	♂	19/12/35. 12 PM fine sun, garden lands Aniwa Island.	SUB AD	0+	0	130	63	47	G19C2.5	21	Nil.											
SK149	R326	♀	24/12/35. 7 AM fine sunny, shot coastal scrub canopy edge Aniwa. N.W.D.		140	64	48	G21C14	20	W.R. 8, L. 8, 9, covs second 2. all upper 2 under 2.	W/T N	1/2 black beetles.											
1936																							
R335	U.S.		8/14/36. 9 AM fine sun, garden lands 200 ASL. White Sands E. Tanna.		137	64	46	G21C14	21	W.R. 8, second all covs 2. L: 2 TL: covs 2, rump lower 2 back 2, crown 2, flank 2 all under 2	W/T N	1/2 fruit seeds	could find no sure sea guide. believe it is a juv ♂										
R351	♂		30/1/36. 2 PM windy rain, harsh sun on north, low tree off. 200 ASL garden lands White Sands.	SUB AD	128	63	44	G19C12	20	W.R. 7, L. 7, 8, 9, covs 2 TL: covs 2 all under 2	W/T N	0	18/8 light brown, sabatining. Bill upper M. brownish horn (lightish) under 2. darker, etc. towards tip, rest white horn. LE 65 BEET. pale greyish slate. bright yellow under 2										
SP166	R353	U.S.	31/1/36. 9 AM found in storm channel in garden lands 200 ASL. White Sands.	JUV.	135	61	40	G19.5C13	20.5	W.R. 7, L. 7, 8, 9, covs 2 TL: all, all upper 2 under 2 M. decreasing towards head T.N	W/T N		soft parts as above. Put in spirit to show tail moult.										
	R366	♀	19/1/36. 9 AM fine sun, garden land 200 ASL (area 1). Tanna, East Tanna.	SUB AD	135	63	46	G19.5C12.5	20	W.R. 6, 7, 10, 11, L. 6, 7, 8, 10, 17. covs 2, covs 2 all upper 2, crown 2 all under 2, X neck thin 2.	W/T V.S.	1/2 fig seeds.	S.P.O.K. (skull not ossified.?)										
SK177	♀		14/36. 3 PM under rain, stormy garden lands 200 ASL. dry underbrush, deep clay, gullies country at foot of ridge, top rising to 8000 ft. more under, SW corner of Eastern foot hills East Tanna.		1/4					thinner by twilight no measurements taken.			Brighter than usual at lower levels. Common in area.										
R391	♀																						
SK193	R411	♂	13/4/36. 8:30 AM fine sun, some bill garden lands 200 ASL on coastal strip, north of West side of Island. West Tanna.		131	66	48	G21 C.14.	20.5	upper back, nape & crown 2 all under 2	W/T N	1/4 fruit.	soft parts as for east Tanna, except legs perhaps slightly darker. test enl. 4mm.										
R418	♀		27/4/36. 9:30 AM sun odd shifts rain. shot 15 ft in dense mossy scrub, low sun, garden gully one of fork of a slope. This grassland plateau 200 ASL with scattered clumps of low scrub, mostly in gully, gully north of Dillons Bay, ERROMANGA.		130	61	46	G19 C.12.	20	W.R. 6, 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 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796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000													
SK214	R442	JUV.	6/5/36. Dull cloudy odd squalls 10 AM. caught on ground unable to fly in scrub in gully 750 ASL. Spruce forest plateau in scrub with healthy gullies & clumps wood scrub. North of Dillons Bay ERROMANGA.		0					0 no measurements taken. not damaged.													
R442A	♀		near letter above, body shot damaged.		TOT 126	61	44.	G:18.5 C:12	19.5	Nil.	W.S T.C	fruit seeds.											
SK221	R450	♀	12/5/36. dull cloudy. 8:30 AM. Billings trees, very open grasslands 200 ASL. Few clumps of low scrubby gullies in open grassland plateau. North of Dillons Bay. ERROMANGA Is.		719	59	43.	G:17.5 C:12.	19.5	nape, crown 2 fur.	W/T N	1/2 seeds.											
SK253	R457	JUV.	4/6/36. shot 5:30 PM dull showery sun dense scrub in gully 700 ASL. Open grassland plateau with lots of scrub & numerous scrubby gullies. North of Dillons Bay. ERROMANGA Is.		84	43.						1/2 insects, grit muddy water	SKL comp ossif (? adult in moult or what? my skull classification).										
SK265	R501	♀	8/6/36. sun cloudy showery. Shot 11:30 AM. in numerous scrub in gully, 700 ASL, near edge of grassland plateau in scrub with healthy gullies & clumps call forest. North of Dillons Bay. ERROMANGA Is.		116	63	45	G:18.5 C:12.8	19.	Nil.	W/T N	1/2 insects, beetles scale insects, large seeds/fruit	SKL comp ossif Fris light brown, horn. Bill upper M. black horn. Lower M. paler dark brown down tip, base white horn. legs feet dark slate.										
SK287	R526	♀	16/6/36. fine sunny. 3 PM in scrub on edge of grassland margin of grassland, broken scrubby 600 ASL. North of Dillons Bay. ERROMANGA Is.		130	60	41	G:18 C:12	19.	Nil. W.R. 8.	W/T N	1/2 seeds/fruit.	SKL comp ossif.										

The image shows two facing pages of a ledger, numbered 34 and 35. Each page is ruled with a grid of lines. The grid consists of horizontal blue lines and vertical red lines. On each page, there is a prominent vertical blue line that runs down the center of the page, creating a margin. The rest of the page is filled with a regular grid of red and blue lines, forming a series of columns and rows. The paper is aged and slightly yellowed, and there is no text or data written on the pages.

ZOSTEROPS LATERALIS (VATENSIS or ?)

IRIS hazel with darker inner ring. BILL upper M. horn with darker tip half to black at tip lower M. white horn. (black horn has brownish tinge. LEGS & FEET flesh colour yellowish tinge.

ANINA 1915 ditto above. BILL pale horn upper M. tip tinged darker. LEGS & FEET pale flesh, to bluish grey.

Table with columns: SK & ROOT NO., SEX, SHOOTING DATA, GEN. TOTAL, W, TL, BILL, TR, MOULT, ABR, STOMACH. Rows include specimens R35, R36, R55, R77, R79, R81, R86, R92, R95, R104, R105, R106, R107, R108, R115, R116, R117, R122, R146, R158, R200, R201, R251, R263, R264, R265, R284, R285, R286.

East Janna dialect native name KABUKEL. Eastern foothills (Baka) dialect KABUKEL. Eastern foothills (Jannamela) dialect KOBAY-HAR.

Remarks. Larger than northern birds. black cheeks. shot because size was noticeable in field. shot so large as R35. black cheeks. badly shot damaged. black cheeks. black cheeks. upper bill brownish tinge. Smaller than others. lower bill white except for darkish ends towards tip. not so black cheeks. bill pinkish tinge horn. egg in oviduct shell not hard & still white. no quite so black on cheeks as some. bill rather pale, almost yellowish tinge feet, legs, flesh with pronounced yellowish tinge. good deal black on cheeks & head forehead. shot by boy @ 10ft with no. 2. ? measurements of springs & total. lot of black on face. not very dark cheeks. good deal black on cheeks & head. largest ovary 2.25 mm. pale belly. largest ovary 2.25 mm. good deal black on cheeks & head. (shot damaged) good deal black on cheeks & head. (largest ovary 2.25 mm). lot of black cheeks & head. more yellowish green on nape. brighter yellow under chin. (U.T. measured test. R. test of oocyte. 6.8 x 6 mm. L. test. 9.8 x 6 mm.) Gold black on cheeks & head. buffy under. (largest ovary 2.5 mm) partly black cheeks & head, not quite so buff under. brighter rump than 115. (bill sitting on has enlarged oviduct. not much black cheeks & head, very yellow chin, whitish streak between buff under. brighter rump than 115. (test 6 x 6 mm). gapes whitish yellow. bills bluish horn. fulvous. gapes yellowish, bills yellowish tips brownish horn. legs flesh. (oviduct very enlarged). Gape steep, redish gully dimly covered with low forest underbrush ferns, wild kava cane grass etc. very similar to White Sands area but from that area (shinned by native boy) (U.T. R. test end. 9 x 7 mm. L. test end. 5 x 3 mm) Much the same as White Sands area. perhaps more drab under & brighter back. similar to white sands area but as above R200. Direct to fruit for museum examination. Gape light brown, hazel. Bill upper M. tip dark horn, base pale horn, lower M. pale horn. gape soft yellowish white. legs & feet pale bluish flesh. legs pale flesh. poor sub-adult. gape softish. legs darker than above (R263) pale bluish grey. taken for skin but skin broken during skinning. legs pale flesh. similar to (R263) (Right test black). Poor sub-adult. gape softish. (gape softish) head badly damaged. gape soft yellowish.

SK&ROUT-NO.	SEX.	SHOOTING DATA.	GON.	TOTAL	WING	TAIL	BILL	TR.	MOULT.	ABR.	STOMACH.	
SK150 R327	♂	26/12/35. 9 AM. fine sun. open grass land low hardwood scrub 100 ASL. platoon N end of Amara. Is.	0+	145	69	53	620	125	22.	Nil.	W/T V.S.	1/4 3 corned black pot 1/4 lots of hard wood sh.
SK151 R328	♂	26/12/35. ditto above, within 1/2 a minute.	0+	149	68	52	619	113.	21.5.	W.L. 10. T.L. 100 M. back brown & fresh.	W/T V.S.	3/4 fruit insects ants.
R324	♀		OME 3/4									
R334	♀	8/1/36. 8 AM. fine sunny, Garden lands 200 ASL. White Sands E. Tanna	OME 3/4	153	73	58	620	14.	21.	W: R. 6, 7, L 6, 7, second cov M. TL: R. 1, L. 1, and cov. M. upper back brown. E. Wing fresh clean.	W/T F.	3/4 red fig seeds.
SP161 R341	U.S.	22/1/36. 4 PM. fine sunny. Whitting. field fledged. White Sands E. Tanna.										
R361	♀	6/2/36. 11 AM. fine sun. Garden lands 200 ASL White Sands E. Tanna.	0	148.	71.	55.	620	12.	20.5	W: cov. 2. T.L. cross. all upper part X upper back & scap. belly of white.	W/T N.	3/4 red fig seeds. 4 fruit.?

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Remarks

(oviduct much enlarged).

Direct to spirit. Iris hazel. bill pale horn dark red tinge upper 1/2, gape yellow.
legs & feet dark flesh, blackish tinge.

subadult

SP1 SPOR.

CHALCOPHAPS INDICA SANDWICHENSIS (RAMSAY)

IRIS dark brown.
BILL bright red (darker @ base)
LEGS & FEET dull red.

SK & ROUT. No.	SEX	SHOOTING DATA.	CON. TOTAL	W.	TL.	BILL	TR.	MOULT.	ABR.	STOMACH.
R.17	♂	4/10/35. 10.30 AM. Sun. cloudy day after rain S.E. wind feeding on ground 200 ft. in a small W. woods E. Tanna	3/4	247	145	88	623	16 26.	inner wing covs. MUCH. secondaries ODD.	W/T 1/2 seeds (banyan) gravel, 1 large pepper vine seed.
R.24	♂	5/10/35. 8 AM. garden land. 6 ft. - 5 ft. fine sunny day. Newcastle N. Tanna E. T.	3/4	247	140	83	623	16 28.	Nil	N. 1/2 hard banyan seeds gravel, pepper vine seed.
SP106 R.80	FLED U.S.	25/10/35. Brought in by boy during school	-	-	-	-	-	-	-	-
SP107 R.82		3/10/35. 10 AM. garden land. 150 ft. garden land. fine sunny day. 150 ft. garden land. fine sunny day. 150 ft. garden land. fine sunny day.	238	140	85	622	16 27	TL covs odd. upper back odd. neck much. vent belly all. rest odd. fair	W/T	1/2 seeds gravel.
R.94	♂	4/11/35. 11 AM. fine sunny day. 10 ft. tree, garden land. 200 ft. White sands, East Tanna	3/4	246	146	87	624	16 27.	Nil.	N.
R.304		20/12/35. <i>Arura</i> Is. Direct to spirit for museum examination same as Tanna. I think too damaged for skinning								

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SK & ROUT. No.	SEX	SHOOTING DATA.	CON. TOTAL	W.	TL.	BILL	TR.	MOULT.	ABR.	STOMACH.
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SK 218 R.447	♂	6/5/36. Dull overcast after showers. Shot in hardwood forest 900 ft. in grassland plateau, clumps scrub & rocky crevices, North Dillon Bay. ERROMANGA Is.	-	-	-	-	-	-	-	-
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East Tanna dialect name. Mak. (Mak)

Remarks.
 Very common in all types of country, especially where small leaved banyan is in fruit, half a dozen feeding on ground under one.
 Shot in deep gully, bird on side tree on side of road but 20 ft higher up side than road.
 Put in spirit during my illness.
 Test 15mm x 5mm.
 Iris dark brown eyelid edged dark red skin bill orange base deep red tip. legs feet red, claws dark horn. Not at all common on island during my stay 3-400 would cover all island easily I imagine

SKULL	ADDITIONAL DATA.	REMARKS & NOTES.
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comp. oss. (?)	Sick with fever no examination, just hurried through to finish before being laid low.	6/5/36. ERROMANGA. Not very common but seen here & there at wide intervals, maybe more common in his/her country.
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LALAGE LEUCOPYGIA

ANIWA Ditto in all respect to Tanna. ERROMANGA Ditto in every respect to Tanna.

IRIS dark brown. BILL black. LEGS & FEET black, yellowish at base of under toe.

Table with columns: SK. & ROUT. No, SEX, SHOOTING DATA, CON. TOTAL, W, TL, BILL, TR, MOULT, ABR, STOMACH. Rows include SK101R20, R26, R45, R72, R179, SK182, SK199, SP141, SP149, SP150, SK125, SK126, SP151, R281, R282, SK134.

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Table with columns: SK. & ROUT. No, SEX, SHOOTING DATA, CON. TOTAL, W, TL, BILL, TR, MOULT, ABR, STOMACH. Rows include SK219, SK220, SK311.

East Tanna dialect native name. TOWLI-TOWLI. ERROMANGA Dibbons Bay dialect. UHVOU. Eastern foothills (Esaka) dialect. TAKURE TAKURE. KARKORI KARKORI. Aniwa dialect. TOWLI TOWLI.

Remarks. Common in White Sands area. Almost always in banyan trees. Always a pair in a group of banyans. They chase each other a lot uttering a sharp "Z chirp". They also have a pretty song + single pleasing notes. Not alive overnight. Bird sleeps with head in long fluffy feathers of white or gray rump bar + not under wing. Looks like a ball of fluff with tail sticking out in half erect position. Too damaged arching head feathers for skin (pale red). Badly shot damaged. both testes opaque. First insect found in specimen (test 6 mm X 3.5). Female plumage. 1st imm. unexamined left for museum examination. SOFT PARTS 1st imm dark brown. BILL upper M black, lower M base yellow horn tip black. LEGS & FEET dark slate. (OT both test black but very small). Shot in mountain ridge in low bush average height 20 ft. Quite a number in this area but not as common as in white sands area where every banyan tree seems to have at least one. Absence of females in white sands area, undoubtedly not as big a male preponderance in the mountain area. This spec. had a much enlarged oviduct but very small. To spirit for museum moult examination. SP141. Very common throughout whole island especially in low dry hardwood scrub (average height 20 ft) areas from sea level to 120 ft. Then odd ones in mangrove swamps in Egara tidal lagoon. Probably this bird is probably a host for Eudemonia long tailed cuckoo + probably of the Phalaena's buccula buccula which I found in a flycatcher's nest through the New Heb. forest island. In once on Oba I found an egg in a blagite's nest which by description fitted buccula buccula. See Aniwa notes. This bird had white feathers moulting in crown. Why? Poss. sub. adult to full adult state moult. Has slight buffy breast. Afternoon W. on the plain C. inner mt. TL mixed average 5. Head badly damaged. Poss. sub. adult to adult stage. (note test opaque) sub adult plumage softish yellow gape. } Good pair for museum moult examination. sub adult plumage, softish yellow gape.

ERROMANGA. 11/5/36. Very common throughout whole area, in scrub in open grasslands. comp on #? note brown wing patches. SK not on #? OT both test opaque greyish (pearl grey). SEL comp on #? 1st July 36. 1/7/36. opaque testes (dull grey) left larger. opaque test (dull grey) left larger.

TRINGA BREVIPES (VIEILLOT)

first full migrant (arrived Chalkyba 2/9/35. at Tanna by 28/9/35)

IRIS light brown light outer ring. (light brown).
BILL upper M. black; lower M. black tip white horn base (black).
LEGS & FEET yellowish. (greenish yellow).

ANIVIA Iris brown.
bill black, base lower M. lighter horn.
legs feet deep chrome, joints greenish black, claws black

Table with columns: SK & ROUTE NO., SEX, SHOOTING DATA, CON. TOTAL, W, TL, BILL, TR, MOULT, ABR., STOMACH. Includes entries R25, R133, R134, R135, R148, R300, R322.

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Table with columns: SK & ROUTE NO., SEX, SHOOTING DATA, CON. TOTAL, W, TL, BILL, TR, MOULT, ABR., STOMACH. Includes entries SK.192, R407, R409, R410.

East Tanna dialect name: PETOWAR.
Aniwa island dialect: KURERE

Remarks.

Suprisingly little abrasion for a bird which has just completed such a long mig. flight. Specimen too damaged for skinning.

SK22 Not seen around lake but very shy, not nearly as common as Pluvialis domesticus, a ratio of about 1 to 50 at water edge. Flocks of this are Pluv. down. are fair game for Circus which hunts them a great deal. Saw this flock feeding i.e. picking larva of dragon fly off rocks as they emerge or attack themselves to rock. badly shot damaged. (R testt. grate, black). badly shot damaged. Bird very fat.

has in. Noticed many hawks (Circus) carrying ducks waders, which probably are for it being alone.

Very common along with many other waders in Egara tidal lagoon & along the reef of the island.

specimen very fat.

Very common on reef top in many stages of plumage. A lot of many pluvialis on reef but very numerous on grass flats of mission paddocks. Some cyanaria present in transition plumage. A number of common. Saw 3 black blue Demigretta.

specimen not at all fat but usual evidently just starting moult, or young which doesn't moult till late.

Specimen very fat. Almost identical with R 407.

MACROPYGIA RUFA RUFA. (RAMSAY)

IRIS dark, inner ring (narrow) light crimson outer (wide).
BILL brownish black.
FEET & LEGS crimson.

SK & ROUT. NO.	SEX	SHOOTING DATA	COND. GDN.	TOTAL B. BODY LGTH.	W.	T.L.	BILL TR. MTC.	MOULT.	ABR.	STOMACH.
SK13 R27	♀	9/10/35, shot 9 AM, in small leafed banyan, 20ft. 2000 ft. above sea level. W. Sand. E.T. 14/10/35. shot 8.30 AM, at 1500 ft. above sea level. W. Sand. E.T. Fine day. W.S. ET.	1/2+	325	155	170	G20 C5 23	Nil.	W/V5 T/W4	1/2 banyan seeds, several pepper seeds, some, neck crop full
R46	♀	14/10/35. near R46. at 1400 ft. W.S. ET.	1/2	320	155	172	G20 C14 21.	Nil.	W/T N.	1/2 fruit seeds, 1 pepper seed
R49	♀	14/10/35. near R46. at 1400 ft. W.S. ET.	1/4	295	147	148	G18 C13 21.	W: R. 8.9, cov. wood much L. 3.9, cov. sec. much T: all except L. 4. cov. all	W/T N.	1/2 venous seeds + fruit.
SK25 R48	♂	14/10/35. shot 10 AM, near R46 & 47.	1/2	340	159	179	G20 C13 23	Nil.	W: N. T: W5	1/2 seeds of fig + banyan.
R161	♂	19/10/35. 6.30 AM, dull cloudy. shot feeding in forest. 1500 ft. above sea level. near Boka road. 2000 ft. above sea level. Boka road, Jamaica.	3/4	350	159	175	G22 C13 23.	W: R. 9. L. 9. upper back much crown odd belly much, chin odd.	W/T N.	1/2 penicillate seeds.
SP129 R166	U.S.	19/10/35. 2 PM, dull cloudy. shot feeding in tree, semi dark. 4000 ft. above sea level. Boka road, Jamaica.								
SP30 R169	U.S.	20/10/35. off setting. direct to spirit. Boka, E. foothills, Jamaica.								
SP31 R170	U.S.	20/10/35. 4.30 PM, sun & cloud. feeding in tree. 1500 ft. above sea level. Boka road, Jamaica.		352	160	175	G23 C13 23.	back odd, vent much, flanks, breast, odd N: S lower neck much, neck odd	W: S T: F	
R190	♀	22/10/35. 9.30 AM, sun. low tree. 1500 ft. above sea level. Boka road, Jamaica.	1/2+	335	163	177	G22 C14 23.	Nil.	W/T N.	1/2 fig seeds, 1/2 banyan seeds.
R191	♂	22/10/35. 10 AM, fine sunny. low tree. 1500 ft. above sea level. Boka road, Jamaica.	1/2+	340	158	177	G21 C14 23.	W: R. 8.12, 19.20 L. 6.9, 9.0. cov. wood much. T: L. R. & L. 1. upper wooders much.	W: VRS T: F	3 banyan seeds, 7 stones.

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SK & ROUT. NO.	SEX	SHOOTING DATA	COND. GDN.	TOTAL B. BODY LGTH.	W.	T.L.	BILL TR. MTC.	MOULT.	ABR.	STOMACH.
SK 298 R537	♂	24/10/36. low cloud & showers. 2 PM, sun & cloud. shot feeding in tree. 1500 ft. above sea level. Boka road, Jamaica.	1/4	342	165	183	G22 C13	vent, flanks o.	W/T N.	1/2 black seeded dry red fruit (D).

ERROMANGA

East Jama dialect name. Makabona.
ERROMANGA? Dillons Bay & Elizabeth Bay. LOTU (or LOETU?).

Remarks.
Shot by boy, shot very common in this area, this being only the 3rd seen in 2 weeks. It had its neck crop full of small leafed banyan berries. A lot larger than northern birds wide my field note made on the 2/10/35. etc. this specimen as black speckled on breast (largest oocyte 4 mm)

Feeding when shot. This is the speckled breast variety, the legs are crimson & general tone darker. This species seems to favour the venous & penicillate trees for feeding. (large oocyte 3 mm)

very streaky around head (speckled) sides of face, chin. dark on breast. legs darker.

MOULT. rump much, all upper side of neck crop & crown odd, vent much, breast odd.

The lighter phase without black on breast. feet are red. Neck crop full of black berries. Right. end to + 200 ft. L. left end to 200 ft.

slight speckling on breast of dark markings. This is very very common in this area at this time of year. It nest in the area as well as on the 2000 ft plateau behind. Blackst being found from 600 ft upwards to 2000 ft.

sub. adult. direct to spirit without examination.

Nesting. Note intense marking undoubtedly marking breast to note immaturity, as the above SP129. This shows fairly clearly. This nestling was taken from a nest on horizontal branch of dark leaved massis tree, 30ft from ground, no birds on tree, fairly exposed position, 500 ft. from bush, dense brush margins.

adult. direct to spirit to 4. note series with above 2 spirit specimens. This dark shimmer line crimson outer, eyelid red margin bill black (brownish tinge) legs feet. crimson.

This specimen had a few breast feathers slightly washed with a greyish tinge, almost seemed like stain or discoloration, doubt it is definite enough to call an intermediate between 2 phases. Must try for closer intermediates if poss. (diam largest oocyte 4.5 mm oviduct very enlarged).

(test. end. 9x6 mm. very flabby)

pale but not intermediate as above.

SKULL	ADDITIONAL DATA	NOTES & REMARKS
Very small patches not specified.	Specimen very very fat. Hair thin, golden, black, circle, crimson, circle. eyelid edge dull greyish, base of hair greyish. Bill black horn. LEGS bright light red. FEET dull brownish red. claws black horn.	ERROMANGA. 24/10/36. Nowhere common in Dillons Bay, & Elizabeth Bay Boka road Bay area, but appears more numerous at odd times. Not common up in hills in N.W. but more numerous than in grassland area. The grey phase is entirely unknown to local natives who claim it is not in the hills either.

ACRIDOTHERES TRISTIS (LINNAEUS)

IRIS: dark slate grey with silver flecks (INTRODUCED)
BILL bright yellow, black streak near base of lower mandible.
LEGS & FEET bright yellow.

SK & RWT NO.	SEX	SHOOTING DATA	CON.	TOTAL	W	TL	BILL	TR.	MOULT	ABR.	STOMACH.
SK 15 R 29	♀	9/10/35. 3 PM. shot in coconut tree 30ft. in open paddock. Ash S. W. side of E. Tanna.	2	225	140	84	63	19	38	Nil.	W.V.S. + white ants, lard T.F. + spider fruit seeds
R 19	♀	14/10/35. 2 PM. shot in coconut tree 30ft. 150 ft. high. Ash W. side of E. Tanna.	0+	250	136	78	63	19	40	back, nape, odd chin odd	W.F. + fruit, beetles. V.V.S. 1.
SK 46 R 93	♂	2/11/35. 5.30 PM. fine sunny day by the 20ft grassland W. side of E. Tanna.	2+	270	144	90	63	20	41	Nil.	W.N. 0 T.S. 0 fruit and residue.

1936

Remarks

The birds are introduced. The progenitors of all on Tanna were a pair which flew ashore from a recruiting vessel
in the early months when it was wrecked off the coast of Tanna (a place called the Sijl). They have now spread over
most of the island & are very common. 10 years ago they were not in the same area but are now very common. They may
be interesting for variation from type, as any peculiarity of parents should have been fixed by inbreeding & the permanent.
Larger than above.

test 15x6 mm.

COLUMBA VITIENSIS LEOPOLDI (Tristram)

IRIS yellow. common outer ring. Bare reds in patch around eye. ANIWA IRIS, inner gold margin outer pale orange ditto.
BILL red with white horn tip upper & lower m.
LEGS & FEET: brownish. claws white.

Table with columns: SK. & ROOT NO., SEX, SHOOTING DATA, Gen., TOTAL, W, TL, BILL, TR, MOLT, ABR, STOMACH. Rows include specimens R-44, R139, R160, SK84 R184, R192, R193, R194, R255, SK120 R262, R272.

1936

Table with columns: SK. & ROOT NO., SEX, SHOOTING DATA, Gen., TOTAL, W, TL, BILL, TR, MOLT, ABR, STOMACH. Rows include specimens R425, R547.

East Tanna dialect native name. ILEU
East Tanna dialect (Soaka) dialect } YELU
Aniwa dialect native name. THE OWE or FE OWE.
ERROMANGA. Dillons Bay. NOGHGOLI WARK (local as in Scotch LOCH).
Elyebeth Bay. NACK OLI WOK. (German NACK. as ACK).

Remarks:
More in hills, odd one visit lower levels, much larger & brighter than Sants. This spec had rt. test opaque.
badly shot about.
(lost 18 X 8 mm)
very indistinct under & very extensive, back bronze green sheer very extensive.
(OT. right test opaque)
Shot in Soaka valley in foot hills, rising to 2000 ft plateau.
Dors yellowish orange, pale patch red skin around eye, eyelid lower, greyish flesh, bill red, white horn tip, legs & feet cinnamon.
(lost cul. 15 X 7 mm).
(beam largest oocyte 8 mm. oviduct very enlarged.)
This specimen had very brilliant iridescent upper & all under were deep, plumbeous, very extensive area, all under except tailcoverts being quite tinged almost iridescent.
(lost cul. 17 X 7 mm).
Oviduct slightly enlarged. diameter largest oocyte 8 mm. Very common throughout whole island & quite similar to Tanna, perhaps tending smaller by weight (only my guess). Nests on the island at anything from 10 to 30 ft.
Feeds large flying lark, put in spirit. This specimen slightly larger than usual Aniwa specimens, also has very abundant under, but still smaller than Tanna average.

ERROMANGA.

24/6/36. Very very common all over plateau & common in river valley at sea level. Apparently the same as Tanna. Feeds a good deal on a very sticky pale pink berry (locally called Saloi) & on banyan figs, also fed much on ground on hard reddish things like the acaasia nuts (Moris). Ptilopus Greyi also feeds on the Saloi. Natives on Aniwa declare this tree brings the mosquitoes as when it is in fruit the mosquitoes are bad but when the fruit falls they disappear. They haven't noticed that it is controlled by surface water & rainfall & only come into fruit in the latter part of the rainy season, delaying its fruiting if the wet season is late & coming early if rains are early & fruiting all year round in wet years of wet places.
1st parts as on Tanna.
Has a dusky wash on white of chin.
2 small patches not ovoid.
large & very bright like Tanna.
Bill red, white horn tip. LEGS & FEET red.
Claws white. Skin quite degreasing.

PETREDOMA (?)

(PROBABLY P. PACIFICUS)

possibly new. Caution Laika Is. NH. British Museum specimens (Barron)

IRIS dark brown. (very slight level whitish down on lower edge) iris at least when eye wide open. BILL black horn. prominent nostril. curved tip. LEGS flesh colour inside. black outside. FEET pale flesh with outer toe black (part).

Description of Puffinus Lherminieri nugax but rather more black than brown on head. Duller than Laika specimens if memory correct.

Table with columns: ROUT. SK, SEX, SHOOTING DATA, CON. TOTAL, W, TL, BILL, TR, MOULT, ABR, STM. Rows include SK33, SK34, SK35, SK65, SK66, SPI43, SK107.

1936

Table with columns: ROUT. SK, SEX, SHOOTING DATA, CON. TOTAL, W, TL, BILL, TR, MOULT, ABR, STM. Rows include R336, R337, SPI70, SPI71, SPI72, SPI73.

DID NOT FIND ANY WITH TWINE ON LEGS (8 ADULTS EXAMINED MOULTS ODD scattered principally on abdomen)

Good progressive series

East Tanna dialect native name. TIKKAREKARK. (said quickly).

slightly damaged tail after capture. 2 lice found on skin SP. Left test enlarged. 13x9mm. R. test enl. 11x9mm. Has very dirty vent. Has heavily rich after capture & smelt on oil ip'd onto feathers. Many more have come in colony is perhaps 50 strong now. No eggs so far although perhaps a dozen burrows examined. (test measure. 18x12mm) Has dirty vent. Has heavily rich after capture & smelt on oil ip'd onto feathers. Very rich, vomited a great deal of oil, dirty vent. (diam largest oocyte 4mm). Found in burrow with SPE No. 28. Direct to spirit without interference for museum examination. SOFT PARTS. IRIS dark brown. Bill black horn tip. Dark slate color ribs. Legs inner tarsus bluish pale flesh outer toe & claws dark. Large claws were taken. Showers & dull cloudy weather, visibility bad calling only 100 ft. found with SPE No. 28. (E. oviduct very very enlarged probably egg laid with 2 brood sacs) oocytes only 2.

fat. pink flesh strongly venous. Examined & released with 1 linen thread & piece bush fibre on L. leg. Colony becoming very small. No chicks to be found which is very strange. fat. pink flesh strongly venous. Examined & released with 1 linen thread on R. leg. This parent taken with very young chick (R. 366. SP. 171) soft parts usual except webs, bluish tinge. Colony very small perhaps 2 doz pairs present at rough estimate. Hurricane caused deaths I think. IRIS dark brown. BILL smoky horn. LEGS & FEET pink flesh. dark tinge outer especially on joints. transparent horn. soft parts as above. soft parts Bill darker dark marks on outer leg & toes much darker.

The image shows an open notebook with two pages, 58 and 59. Both pages are ruled with horizontal blue lines. The left page (58) has a vertical red line on the left margin and a vertical blue line near the center. The right page (59) has a vertical red line on the right margin and a vertical blue line near the center. The pages are aged and slightly yellowed. There is some faint, illegible handwriting visible in the left margin of page 58.

FREGETTA ALBIGULARIS (FINSCH.)

Upper sooty black except for white band across rump.

IRIS dark brown.
BILL black (single nostril).
LEGS + FEET. jet black.

ROUT. & SK. NO. SEX. SHOOTING DATA. GEN. TOTAL. W. TL. BILL. TR. MOULT. ABR. STOMACH.

SK 63	R/38	♀	12/1/55. bright sunny day. 8 AM. Set in misting binoculars off long on steep hillside on South by hill Tanna. Hillside to 300 ft. 1905 2005	34	245.	210.	90	cent. feather. BG 30. TR. 49.	R.N.T. 14. M.T. 36	chil.	WT 2/3 oily voids. N.
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1936

Central Tanna dialect native name. WEIMESUPE

Remarks.

Does not nest in large colonies but has nesting burrows scattered all over these volcanic hills which are very steep on this eastern slope being the inner slope of the old volcano crater. They rise to 3000 ft. more or less over 2000 ft. of hillside. The burrows are scattered all over the hillside from 300 ft. ASL. right to over 3000 ft. ASL. They burrow up to 8 miles inland from nearest sea, the average distance being about 6 miles. This specimen very fat (dead a largest oocyte 1/4 mm). Colon colonial. burrows approx 1/2 ft average length but 3-4 ft.

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2

PUFFINUS LHERMINIERI NUGAX. (MATHEWS). (PEALE)

IRIS: lightish brown, with dusky streak lower lid.
BILL: greyish black, hooked.
LEGS: inner flesh of toes jet black.
FEET: inner toes with black webbing tinged darker outer toe jet black.

all upper tail sooty black, wings upper black some secondaries tipped white, short cross under wing following bar along fore edge, long cross bars white, under wing pure white some mottling below eye + along side under tail cross white + black mixed.

SK & ROUT NO	SEX	SHOOTING DATA	BOY	TOTAL	W	TL	BILL	TR.	MOULT.	ABR.	STOMACH.
SK77 R172	♀	20/1/35. Found in 4th burrow 12 AM in open patch of low almost pure grass slope of forest (under) Jamma, Jamma N.H.	1/2	320	212	80	BE 49.22 BNT 22 DB 89.27 MTC.	TR 42	Nil	W: N T: S	long crop slim only 5th bar visible ? small black crabs.
SK102 R220	♀	30/1/35. 7-12 AM. Taken in 6th burrow by native on top of S. Bent Mts. Jamma N.H.	1/2	344	220	83	BE 49.22 BNT 24 DB 89.27 MTC.	TR 43	Nil	W: VVS T: VS	long crop. gum slime. 5th bar black shells.
SK103 R221	♂	30/1/35. ditto above (R220). 2200 Jamma N.H. S. Bent Mts. Jamma N.H.	0+	330	208	75	BE 49.22 BNT 26 DB 89.27 MTC.	TR 42	Nil	W: T T: Nil	long crop empty. 5th bar black shells.
SP140 R222	U.S.	30/1/35 ditto above. 2200 Jamma N.H. S. Bent Mts. Jamma, New Heb.	0+	330	208	75	BE 49.22 BNT 26 DB 89.27 MTC.	TR 44	Nil	W: T T: Nil	long crop empty. 5th bar black shells.

1936

SP159 R338	U.S.	20/1/36. Powder puff chick. Taken on slopes Jamma N.H. S. Bent Mts. Jamma N.H. Direct to spirit for museum examination fine sunny SE wind.					BE 49.22 BNT 22 DB 89.27 MTC.	TR 42			
SP160 R339	U.S.	20/1/36. Ditto above.					BE 49.22 BNT 22 DB 89.27 MTC.	TR 42			
SK157 R342	♀	22/1/36. Taken in burrow on slope of Jamma N.H. S. Bent Mts. Jamma N.H.	0	255	80	+	BE 49.22 BNT 22 DB 89.27 MTC.	TR 42			long crop + blackish only 5th bar visible + black olive green

Eastern foothills dialect native name Esaka. TICKARE KARK.

Jammelan TICKARE KARK.

Small burrow for ticks RA KAKA.

Remarks.

A non colonial bird nesting singly or in pairs within 50 yds scattered all over the precipitous slopes over the same area as Puffinus collingwoodi. Fairly common. Some danger attached to collecting as they pick inaccessible places, generally marked by a patch of light coloured cane grass, ferns, or black grass or a lamp shade (lighter in colour than surrounding bush which is dark) shows up well at night. nests few leaves or ferns in chamber of end of burrow egg, white see GREED taken with this skin in burrow.

Specimen very fat. Tarsus outer not black, only blacker tinged darker near toe end outer toe black. Taken by boys do not know whether eggs or not. Has very dirty vent. (see page 45) semi colonial, lot of burrows fairly close together on this hill top. (O.T. both test opaque). Tarsus as above but black on lower end reaching up further making lower half almost black.

Direct to spirit for museum examination.

IRIS: lightish brown, legs long, greyish. BILL: black, bare skin @ base black. LEGS: pink flesh, black outer tarsus + toe. Tarsus black on middle toe web. Lower mandible of bill pinkish horn etc.

IRIS: dark brown, bare skin blue grey. BILL: upper 1/2 blackish horn, lower 1/2 + edge black horn under pale fleshed horn. LEGS: pink flesh web, toes pale third flesh. Bottom outer + back tarsus black outer toe + back together tip middle toe black lower black.

16
8
E

Ro

SK

The image shows an open ledger with two pages, 66 and 67. Each page is ruled with horizontal blue lines and vertical red lines, creating a grid for entries. On page 66, there are faint handwritten notes in the left margin: '16', '8', 'E', 'Ro', and 'SK'. A small red square is also visible in the left margin of page 66. The pages are otherwise blank, with no numerical or text data entered.

PTILINOPUS TANNENSIS (LATHAM) ERROMANGA.

IRIS pale yellowish, bare skin pale below eye dark grey. BILL bluish (green tinge) grey. dark tip, lighter band before dark tip. (bluish horn black tip). LEGS & FEET dark red.

IRIS pale yellow, bare skin, dark grey yellowish. BILL blue horn black tip. LEGS & FEET dull red, claws dark horn.

Table with columns: SK & ROUTE, SEX, SHOOTING DATA, CON, TOTAL W, TL, BILL, TR, MOULT, ABB, STOMACH. Includes entries for SK 38, R162, R185, R186, R187.

1936

Table with columns: SK & ROUTE, SEX, SHOOTING DATA, CON, TOTAL W, TL, BILL, TR, MOULT, ABB, STOMACH. Includes entries for R383, R388.

Table with columns: SK & ROUTE, SEX, SHOOTING DATA, CON, TOTAL W, TL, BILL, TR, MOULT, ABB, STOMACH. Includes entries for SK 232, R463, SK 233, R464, SK 238, R469.

East Tanna dialect native name. TAMAKUM

Eastern foothills (Esaka) dialect ditto. (Similar)

ERROMANGA Is. Dillons Bay dialect. GNAKEM.

Remarks.

Being taken as different to northern bird less yellow & has white shoulder spots.

(U.T. L testis .8x7mm. R testis .6x6mm)

Common in this area but found only between about 200-800ft A.S.L. does not extend up into the hills sides at all as far as I could observe. great variation in size noticeable in field. see Esaka camp summary.

Bill bluish horn black tip upper M.

(test. shot damaged)

Undamaged for museum examination direct to spirit.

Very common in area.

Iris pale greyish, pale flesh edged eyelid, bare skin around eye bluish flesh.

Bill pale bluish stake (upper M. dark horn tip)

Legs feet dull crimson claws dark horn, under toes pale (corny) flesh.

specimen very fat.

specimen very fat

SOFT PARTS Iris pale lemon grey, bare skin around eye bluish grey flesh.

Bill pale bluish stake horn.

Legs feet dull crimson.

Table with columns: SKULL, ADDITIONAL DATA, REMARKS & NOTES. Includes detailed notes on banyan fruit and island geography.

ERROMANGA Is. 18/5/36.

So far I have only seen P. tann. in river valley. It is no doubt controlled by the banyans the fruit of which is their favourite food. And as banyans do not grow (a few scattered ones at wide intervals in some gullies) in the open grassland plateau country they are no doubt absent from those areas. They appear along the sea cliffs north of Dillons Bay where a number of banyans are found but are not very common.

22/5/36.

After careful search around isolated banyans on the grassland plateau I found R.469 feeding with others in a banyan in fruit. Doubtless as these isolated trees fruit P. tann. comes to them. These banyans fruit at irregular times having no definite seasons, but are influenced by different surroundings, hurricanes ect.

ANAS SUPERCILIOSA PELEWENSIS

IRIS light brown.
BILL dirty tan with black patches.
LEGS & FEET dull orange, webs darker & middle toe blackish.

Table with columns: No, SK & BUTNO, SEX, SHEETING DATA, GEN. TOTAL, W, TL, BILL, TR, MOULT, ABR, STOMACH. Contains entries for specimens R71, R140, R141, R223, R224, R225, R226, and US specimens.

1936

Table with columns: No, SEX, SHEETING DATA, GEN. TOTAL, W, TL, BILL, TR, MOULT, ABR, STOMACH. Contains entries for specimens SP163R345, SP164R350, SP169R363, SP169R364, SP175R367, SP178R371, SP183, and R.376.

East Tanna dialect native name. ERAYING.
W. Sewi BE Central Tanna dialect. ERAI

Remarks. Common on Sewi. Boys say it is going up rivers at present, possibly for nest sites. Today only saw 14 on Sewi but boy shooting at dawn says he scattered them. Sewi is a freshwater lake at present about 120 acres area. (diam largest oocyte 8mm). This specimen was the palest I have ever seen, very tender skin and weigh next. (diam largest oocyte 6.5mm) / NOTE: 12/11/35. Saw mother duck on Sewi today depending young from Cereus even taking to the air & charging across once, nearly knocking it down into the water. It also splashes great gulps of water at the lull & ripples at clavers the surface.
has lice. specimen very fat.
(lost 29x10mm)
very fat. (diam largest oocyte 9mm)
(lost emb. 39x15mm)
very fat.
very fat.
Strange bare patch on back, no broken skin but all feathers gone & new ones sprouting through down which also has small new moult. does not look like an injury.
Direct to spirit for museum examination. (diam largest oocyte 9mm)
is very rocky & fast flowing, only about average width of 10ft. in very deep sided gully.
SOFT PARTS. IRIS dark brown. BILL upper M blackish dark brown, darker base to light tip, lower M. brownish flesh. LEGS & FEET, warm ruggie brown, webs black.

IRIS light brown, darkish horn. tan tip plate, lower M. pale pinkish horn.
legs dark ruggie brown. feet & webs ditto X. pale strip along toes in each web.
claws horns tipped pale horn.
IRIS brown. BILL smoke blue X for dark black plate tip & dark behind nostril at base. under M. dark pinky flesh.
LEG & FEET. dark smoky grey.
IRIS light grey. BILL upper M. tan tip plate, & tan scales below behind nostril red darkish horn tipped along edges. upper M. pale pinkish flesh. Leg & feet ruggie brown X for white stripe under outer tarsus along toe sides. webs ruggie brown. claws dark.
IRIS light brown. Bill lead colour, tip plate & little along sides light tan, under M. pinkish horn with 2 dark stripes. legs lead colour paler than beak, webs lighter old tan, claws dark horn.
Put under Anas super. fel. but definitely not it. Will transfer later when other clutch is recorded.

IRIS dark brown
BILL black
LEGS light slate
FEET black or darker slate than legs

SK & ROUT NO.	SEX	SHOOTING DATA	CON.	Tot.	W	TL	BILL	TR.	MOULT.	ABR.	STM.
R74	♂	2/10/35 3 AM. fine sunny day on ash of bank at lake's edge. 120 ft. ASL. New, E. Tanna	0+	250	172	64	G31C24	49	Nil	*L wing shot	1/4 small piece + bathygrit (ash)
R75	♂	22/10/35 9-11 AM. fine sunny day SE wind. Shot on grass at edge of lake. E. Tanna.	0	260	170	60	G33C25	46	Nil.	W.C. 1/1 small insect T.F. 1 larva + dragon fly	
R76	♂	24/10/35 9-11 AM. with above.	1/4	252	172	63	G30C24	43	upper back, nape, crown odd.	W.F. 1/1 worms T.C. 1/1 larva + grubs	
R123	♂	11/11/35 9 AM. heavy water side. fine sunny day SE wind. East end of lake. 120. East Tanna NH	0+	254	170	61	G29C23	44	ump. back, nape odd.	W/T 1/1 dragon fly N. 1 larva, bathygrit	
R124	♂	11/11/35 8 AM. shot on grass flats W. side of lake about 300 yds from water. E. Tanna.	1/4	260	175	65	G30C25	46	belly odd. flank odd. crown odd. breast odd.	W/T 1/2 dragon fly V.S. 2/2 dark scabs	
R125	♂	11/11/35 9 AM. ditto with R124. in nest of about 100 or more.	0.T.	255	172	63	G30C24	46	Nil.	W/T 1/1 dragon fly down N. 1 small bathygrit (white grubs)	
R126	♀	11/11/35 10:30 AM. near R124 but on stream about 100 yds away.	0+	250	167	63	G29C25	44	upper back nape, crown odd.	W/T 1/1 minute V.S. 2 bathygrit, ut	
R127	♀	11/11/35 5 PM. fine sunny day. shot on grassland near beach edge. 120. West Tanna East	1/4	250	170	61	G30C24	50	odd scattered back upper (few).	W/T 1/1 small V.V.S. 4 bathygrit insects	
R149	♂	15/11/35. Shot water east side lake. 120. fine sunny day 2 PM. New Lake, E. Tanna, NH alt.	1/4	256	167	60	G31C24	45	Nil	W/T V.V.S.	
R150	♂	15/11/35. Same shot as above. R149.	1/4	250	169	60	G31C24	45	Breast odd.	W/T 1/1 bathygrit N. 1 small insect	
R301	♂	20/12/35 8-11 AM fine sun SE wind. on lower reef top on E side of island low tide. Annua Island.	0+	258	172	62	G31C24		TR45. W: R. 0, covs odd. L: 4, 5, F MTC. TL: R. 2, crown 0 chin 0	W/T 1/4 crabs + grit S.	
R302	♂	20/12/35. ditto above.	0.T.	250	161	56	G30C26		TR44. W: SPR. 1, 2, L: ditto. covs 0. MTC. TL: R. 2, 5, L: 5, covs 0, bathygrit 0 32-5. nape crown 0, rest belly, flank 0	W/T 1/2 crabs + grit N.	

1936

Remarks
 very common around lake edge & on grass flats on W. side of lake.
 typical winter plumage but with stomach full. L. wing shot to pieces.
 typical, badly damaged. perhaps has slightly more gold on throat than usual.
 has lice.

very much white under. golden washed throat (L. test black.)
 more buffy under. golden washed throat (almost barred breast.)

not so white as R123, under - almost no gold wash on throat.
 both test black. (has lice)

similar to R125.

similar to R124 but barring not so distinct.
 has lice.
 U.T. (L. test end 1/4)

U.T. (L. test end 1/4).

(L. test end 1/4 - R. test end 2/4). Very common all over island ^{refs} on grass flats inland. Saw it crossing from Tanna. also large numbers on flats in E. side tidal lagoon. (with lot of ash).

SOFT PARTS.

TANNA. IRIS light brown.
BILL dull slate, light smoky bluish at tip.
LEGS pale bluish slate, back tarsus blackish.
FEET ditto, web black claws dark bluish horn.

1936.

SK & ROUT. No. SEX. SHOOTING DATA. GEN. TOTAL WING TAIL BILL TR. MOULT. ABR. STOMACH.

SK & ROUT. No.	SEX.	SHOOTING DATA.	GEN.	TOTAL	WING	TAIL	BILL	TR.	MOULT.	ABR.	STOMACH.
SK 188 R 403 ♀	♀	6/4/36. 2PM. dull cloudy, rain caught on nest, 8 eggs, all long toady grass on flat side of small lake (200 ft. across) about 200 yds from main water edge. Nest low in trees. EAST TANNA.	OME 3 4	460	208	57.	G.57 C.43.	TR 31. MTC. 67.	NIL	W/T S.	1 dragon fly larva.

ADDITIONAL DATA.

REMARKS & FIELD NOTES.

seen by me stalked & caught but in consequent struggles eggs broken.
Oval glasses roughly laid with feathers and down.
A very late nest, but possibly accounted for by either loss of eggs or
flooding of previous site during heavy rains & rise of water after heavy rains.
Fairly common but very shy, follows the river often but mostly stays well
out the centre of lake. Have often seen them in flight but never close up.

ERYTHRURA TRICHROA CYANEIFRONS (LAYARD)

IRIS dark brown.
BILL black
LEGS & FEET flesh.

Table with columns: SK & ROOT NO., SEX, SHOOTING DATA, GON, TOTAL, W, TL, BILL, TR, MOULT, ABR, STOMACH. Contains 12 rows of specimen data.

1936

East Janna dialect native name. KONG WONG WELLI
Southwell dialect (Sakha) dialect KOMNAN MINNAH
(Sarambar) KOMNAN MUNAH

Remarks

Not common (at this time of year anyway) in this area, but well known to the natives. First I have seen in 4 weeks back work.
guzzled by native, only a few oocytes left to identify nest.
This skin has been on it. Badly shot about 1/2.
Shot in same place as (SK 113) (above). It was with 2 others, possibly family group of four. This garden is a couple of years old & has been allowed to return to grass, principally a type of paspalum I believe, which is at present in seed & on which it feeds. It will also go high in trees as I have seen it in semi bush, on a fig, plum & tree 40 ft up, but it favours grassy garden lands & open top country especially near cane grass.
Shot in same place as (SK 91) & (SK 107). Saw several others in different gardens, becoming more common in this area. This specimen badly touched about by snail.
Shot in same garden as R 91, 107, 113, making the fourth of this small flock of 4 which inhabited this garden.
(test 11 x 6 mm.)
Another flock of about a dozen seems to have come into this garden to feed on the grass in seed, the ground is covered with this seed.
No blue on head, supercilium on back, belly greyish tinge. Bill has yellow margin on gape edge of lower mandible. It has small blue bright of the blue line on each gape edge making small. Gape & inside mouth very yellow. Iris dark brown. feet flesh. bill black except for yellow.
found in cane grass, semi bush, broken nest near by, boy said in a hole in a large stone.
IRIS dark brown. BILL orange yellow except for 2 dark patches upper mand. gape yellow. with a bright blue note on upper mand. on each side (2 notes). LEGS & FEET pinkish flesh. unexamined. left for museum staff examination.
direct to spirit for museum examination. Soft parts as above R. 152.
brought in by boys. very bright green under. almost yellowish green round neck & blue patch.
(see test L. 815 R 615)
more greyish green under. not as bright as R. 197.
poss. sub-adult. test 3.5 mm long. X 2 mm.
poss. sub-adult. blue on head, no blue note on gape.

ERROMANGA Is.

6/5/36. Saw 2 Erythrura, believe them to be thick. cyan. as on Janna. By no means common.

IRIS crimson
BILL crimson base. Slightly horn at tip half + central ridge + tip of lower mand.
LEGS + FEET pale straggly.

ROUT. & SEX	SEA	SHOOTING DATA	CON.	TOTAL	W.	TL.	BILL	TR.	MOULT	ABA.	STM.
[SK61] R132	♂	12/1/35. 6 AM. Bright sun in native garden. 280.	UTOT	318	139	63	64/1 C.33	49	W.L. 20+ secondary L.15 primary crown odd (bar).	W/T	+ gubs, ants, molluscs.
[SK64] R142	♀	13/1/35. 5.30 AM. Bright sunny day. Short grassy + grassy + grassy. West side of river. 280.	UTOT	280	138	60	63/6 C.30	44	Back odd.	W.S	+ black beaks.
R244	♂	14/1/35. 8 AM. 1/2 mile half dead from disease. near house. 322.	UTOT	322	138	63	64/2 C.31	TR. 47	W.R. 20-21 upper back nose odd. DEB. 11.5. WE B. 10. MTC 50. neck much.	W/T	8. few pebbles, etc. only residue of food mill.
1936											
[SK159] R344	JUV. ♂	24/1/36. 9 PM. showers + sun. caught by dog in long grass on flats west of river, E. Janna.	1/4	260	45	30	56.35 C.23. DEB. 9. WE B. 9.	TR. 45. MTC 46	W: all. hump back M. TL. all. all upper odd few. breast consist. underfur red.	-	1/4 volcanic sand shell grit (seeds?)
[SP163] R346	JUV. ♀	28/1/36. 2 PM. sunny wind, dull cloudy in grass on W. side of river caught by dog. E. Janna, NH.	0/1	260	40	33	58.35 C.25. DEB. 8. WE B. 8.	TR. 47. MTC 46	W: all. upper back M. TL: all. all under odd skin of crown.	-	1/4 volcanic sand shell grit.
[SK160] R347	JUV. ♂	28/1/36. 2.10 PM. rain, wind dull day. short grass. Wide river, 120 A.S. E. Janna, NH.	1/1	305	133	58	66.42 C.32. DEB. 11. WE B. 9.	TR. 44. MTC 46	W: R. 19f 21.22. crown second odd. nose 21 crown 2. all under 0 X neck consist.	W: 2. T.F.	1/4 skins small ball, pit.
[SP167] R359	U.S.	3/2/36. 4 PM. rain + wind on grassy flats. Wide river. 120 A.S. E. Janna.	3. fledglings	caught various places.							
[SK166] R360	♀	5/2/36. 2 PM. fine overcast over hills. grassy lands. 280.	9/4	280	135	63	63.6 C.26. DEB. 10. WE B. 7.5	TR. 45.5. MTC 47.5	W: crown 2. TL. crown 2. lower back crown 2. upper back lower nose 2. breast neck chin 2.	W/T	3. volcanic sand, mail shells, long white worms.
[SP174] R366	U.S.	18/2/36. 4 PM. fine sun + cloud. In lowland scrub. W. side of Janna.									

Remarks
 Fairly common in native gardens but very shy + seldom seen. Plova scent as a dog can flush them always whereas without dog one would never see them as they freeze or glide away. This species seems unusually large for H. philippensis.
 UTOT Both test dark grey uniformly enlarged. L. test emb. 15x2 mm. R. test emb. 10x8 mm.
 Subt common on the W side of Selan lake + not so shy as over the Eside.
 Wings clipped off by natives made this specimen useless for determining. Sander hands would be the description of where found. but it may have washed during blow. Bird very thin but was kept in captivity for 48 hrs previous to examination.
 (U.T. R test emb. 15x9. L test 18x11 mm.)

IRIS hazel. BILL dark redish brown. LEGS + FEET pale sagger brown claws greyish horn.
 Test uneven + both pale. R test blusher than L. L test emb. 18x9.5 mm. R test emb. 14x9.5 mm. very very little buff on breast. Possibly parent of R346.
 IRIS dark brown. BILL black. brownish culmen tip. LEGS + FEET pale sagger brown. claws greyish horn.
 Rather badly shot damaged especially around head.
 IRIS orange with crimson tinge. other SPAX.
 IRIS light yellowish brown. BILL white horn x for dark redish brown culmenal ridge + touch dark base lower M. direct to point. NB no colour bar on breast. LEGS + FEET pale yellowish tinge sagger brown.

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MACROPYGIA (GREY PHASE)

IRIS inner dark line crimson outer ring eyelid edged red edged margin.
BILL black.
LEGS & FEET crimson.

SK & ROUT. NO.	SEX	SHOOTING DATA	GN	TOTAL	W.	TL	BILL	TR.	MOULT	ABR.	STOMACH
5176 R171	♀	20/11/35 3 PM. Sun & cloud low tree 13ft. Jamnolan road edge of plateau central lama.	♂+	325	160	175	GRICB.	RR.	W: R. 36, L. 5 covs much TI: covs all rump back, M. nape crown A. vent flanks breast, much chin.	W: F.	hard seed? + penicillium seeds
R189	♀	22/11/35 8.30 AM. tree 10 ft. low tree 10 ft. dense underbrush, low forest area. 20ft. Jamnolan ridge, Mt.ains central lama.	1+	⊗	156	177	GDC	RR.	W: L. 61 covs odd. TI: covs much tip back, vent neck.	W: F.	+ fruit, berries seeds.

1936

Eastern foothills dialect native name.
Jamnolan. COMSHITAYING

Remarks.

This is a very shy mountain bird (on this side of the island anyway) seldom if ever below 1000ft. fairly common above that alt. Has a different call to the rufous phase but also uses the rufous call when in the rufous bird's vicinity. Lays a smaller egg, has a similar nest perhaps more gassy. I believe say never mates with rufous phase. Esaka, south of there in eastern volcanic Camp valley floor at 1000 ft. and, I believe, at a high altitude as has been named for the bird & is unknown to them. No special notes heard. (dark target oocyte 5mm. oviduct enlarged). Head & neck blown to bits.

TURDUS POLIOCEPHALUS (ALBIFRONS?) (RAMSAY)

TANNA. IRIS dark brown, eyelids bright yellow edged, base patch skin below eye yellow tinged. BILL bright yellow. LEGS & FEET bright yellow.

ERROMANGA Is. IRIS dark brown, eyelid yellow edged. BILL yellow. LEGS, FEET & CLAWS dark orange or dirty yellow.

Table with columns: SK & ROUT. No, SEX, SHOOTING DATA, GON, TOTAL W, TL, BILL, TR, MOULT, ABR, STOMACH. Rows include SK 83, SK 96, SK 100, SK 106.

Table with columns: SK & ROUT. No, SEX, SHOOTING DATA, GON, TOTAL W, TL, BILL, TR, MOULT, ABR, STOMACH. Rows include SK 268, SK 275, SK 280, SK 281, SK 307, SK 308.

TANNA Eastern foothills dialects (Esaka, Janemelan) native name KUMSUMSUM. ERROMANGA. Billons Bay dialect WASSCEP.

Remarks. Iris dark brown, yellowish patch bare skin behind & below eye. BILL pale yellowish horn bright yellow gape. LEGS yellow behind tarsus, dull ochraceous yellow tinged in front. FEET under toes bright yellow. Very very shy bird with very keen eyesight & in dense underbrush it inhabits very hard to collect. Has chattering call very similar to English blackbird which is used as an alarm call, also a 'soft soft' alarm note answers to it gives a piping note which can be made by pursing lips & drawing in breath sharply. (test encl. 14x9 mm). Shot shortly before dark. Shot on wing on way to roost. Feeding failed. Tarsus legs more orange yellow. Found dead on road by boy. some scratches probably as bird very thin & appeared stomach bound. (test encl. 11x9 mm).

Table with columns: SKULL, ADDITIONAL DATA, REMARKS & NOTES. Rows include SK 268, SK 275, SK 280, SK 281, SK 307, SK 308.

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FRANCISCO DE ALBA

HIRUNDO TAHITICA SUBRUSCA. (GOULD)

SK & ROUT. No SEX SHOOTING DATA. GON TOTAL. W TL. BILL. TR. MOULT. ABR. STOMACH

SP123 R196 U.S. 25/1/35. 2 nestlings fully fledged. found in nest in hid place. Semi ash phase. White sands, East Tanna NH.

1936

SK & ROUT. No SEX SHOOTING DATA. COND. GON. TOTAL. W TL. BILL. TR. MOULT. ABR. STOMACH

SK 297 R536 ♀ 22/6/36. 4:15. 2 PM. Shooting over open grasslands. Open grass land with some scattered trees & a few scrubby gullies. 600 ASL. Erromanga Bay. ERROMANGA IS. 3/4 148 112 T.C. 39.5 G-18.5 10. Tl: up covs. concealed W/T + winged N. + winged birds. 45 T.O. 50

Remarks.

unexamined. direct to spirit for museum examination. Nest usual mixed, kind grass, pandanus fibres & feathers. placed in cavity in lava flow. IRIS dark brown. BILL black, soft gape cream. LEG & FEET black.

SKULL

ADDITIONAL DATA

REMARKS & NOTES

comp. osseous.

specimen very fat.

ERROMANGA. fairly

22/6/36. Fairly common in this area near the bracken fern country, & along the coastal cliffs & in Williams River, near mouth & up gorge. + odd ones found in absolute open grasslands where it hawks a lot. The only other bird of the type in absolute grassland is an occasional Collocalia vanikorensis, but in the Elizabeth Bay grassland I think Hirundo is the more numerous & also in other odd places. Collocalias prefer a few scattered trees, open grass-scrub land, or open grass patches & patches of scrub, or absolute scrub to hawk over.

IRIS crimson, eyelids grey.
BILL black, large nob at base culmen.
LEGS & FEET red, pale under toes, claws black.

DUCULA PACIFICA TARRALI (BONAP)

ERROMANGA.

IRIS reddish brown,
BILL black,
LEGS dull red.

all culmen measurements to behind knob.

Table with columns: ROUT & SK No., SEX, SHOOTING DATA, GON, TOTAL, W, TL, BILL, TR, MOULT, ABR, STOMACH. Contains 15 rows of specimen data including dates, locations (e.g., Labe plateau, Erromanga), and measurements.

(Western slope Labe plateau)

Takomnebawan

(Southern slope Labe plateau)

Taqjanetuan

ERROMANGA (Dillon's Bay area) NACQUEM.

Remarks

Common in area but more about the 2000ft mark where at this season in feed on a large seeded yellow fruit only found in mountains, nowhere in volcanic basin or eastern side but approaches closer to sea in western... a good deal of variation is found in this species... (claw largest oocyte 5mm. oviduct slightly enlarged).

Only a equal visitor from Tanna. Only 2 on whole island while I was there. Occasionally a few appear after strong winds... called by Tanna name by natives Taowean.

Iris light reddish brown. Bill black. LEGS & FEET very dull dark red claws black horn. To damaged around tail for skin.

Sub. adult, well no knob. Iris reddish brown. Legs feet dull brownish red claws black. Intestinal parasite same as the one present on Tanna is same spec. crops.

dot examined closely to avoid feather disturbance. Iris light reddish brown, bare skin near eye pale grey. Bill black very small knob. Legs feet dull reddish brown, claws black. Skull not ossified.

SKL 2 small patches not ossified. Possibly sub. adult. Iris reddish brown, Bill black no knob. Bill dull red.

SKL 2 small central patch. not ossified. Legs feet, light red or crimson.

SKL 2 small patches. not ossified. Iris dull strawberry, bare skin dark grey. Bill black, knob small & black. Legs feet light red claws horn.

ERROMANGA. 93.

22/5/36. In heavy rain up into the North West mountains to take a look about collected R. 470. See field notes at back.

IRIS dark brown, bare skin around eye, yellowish tinged.
BILL dark horn, paler base shading into yellowish tinged flesh.
LEGS & FEET bright yellow, claws black.

ROUT & SKIN No.	SEX	SHOOTING DATA	GT	TOTAL	W.	Tl.	BILL	TR.	MOULT	ABR.	STOMACH.
SK101 R217	♂	30/1/35 10 AM. rising on ridge near open forest. 2500 ft. on plateau. S. Cent. MTS. Tanna.	1/2	405	295	145	629	23	48	W. und. covs. odd. rump, backing all upper odd scattered. under odd scattered.	W. VVS. T. F. The greater part of a Chalcophaps, fresh. crop full & stomach full.
1936											
SK155 R333	♀	7/1/36 10 AM. killed SPM. fine sun. 36 ft. in tree low dense brush on slope rising to 2000 ft. hill & oak wood. 6000 ft. Eastern foothills Tanna.	1/4	438	320	159	634	28	MTC 68. W: R. 4, 18, L. 11. Unders covs. 2. upper covs. second 2. TR. TL R. 1.1. all upper & under 0.	see remarks. empty, has many intestinal worms, put in spirit.	
SK189 R404	♀	8/1/36. Plain sun. In tree low bush, dense forest on steep slope, 1000 ft. at foot of plateau rising to 6000 ft. Eastern foothills S. EAST TANNA.	1/4	390	285	134	C. 31	C. 26	TR. W: R. 1, 12, L. 12, covs. sec. 2. TL: R. 4, 5, L. 5. covs. 2. upper & under. W/T all upper 2. MTC. all under 2. few X vent 2. V.S. 62.	+ flesh feathers of Trichoglossus. freshly killed.	

Remarks.

(OT. R. test black). Fairly common in area but shy. occasionally found near Lake where it will catch & kill ducks. Seems to favour the steep plateau edge as have seen four or five swooping around there at one time, then swooping like a bullet down the very steep hillside from 3000 ft to 400 ft dropping a few feet above the thicket brush which covers these slopes. Boys say it only nests amongst stones in exposed lands holes on these hill faces, very inaccessible places. no transverse bars on breast, longitudinal bars more like.

undoubtedly correct

ABR. W. water pump. V.M. odd minor VM, particularly colour abrasion. TL. V.M. 200 ft. 2 mm. prim 2. Specimen very very thin. Shot at foot of slopes mentioned in R. 217. Different under to R. 217, bars being transverse robust. SOFT PARTS. IRIS. dark brown. Bare skin around eye, pale flesh with dark tinge (bluish) lower lid. BILL black tip half upper. M. pale bluish horn base, bare skin at base bluish tinge. gape pale bluish flesh. LEGS & FEET. pale flesh (yellowish tinge). CLAWS black, much damaged. Undoubtedly F. per. ernesti.

Had numerous large flying ticks like spider spec. found on legs & tail. SOFT PARTS. IRIS black. Bare skin bright yellow. BILL black horn tip. bare shading to lemon yellow, bare skin at base bright yellow. LEGS bright yellow. CLAWS black. UNDOUBTEDLY F. PER. ERNESTI (SHARPE).

Common in area. This specimen shot at foot of precipitous slopes rising almost sheer to 2000 ft. They hunt these slopes much as described in R. 217 remarks. Nests in the area in inaccessible places. Rather badly shot damaged. Characteristic pattern of back very plain.

FREGATA ARIEL (GRAY)

IRIS dark brown. Bare skin in front above eye red, same margin all eyelid red. bill pale bluish horn, dark horn extreme tip. odd skin patches at base red. skin under N. red. FEET pale red outer toe + middle toe, inner 2 toes flesh. claws blackish horn. feet outer web pale red, rest inner web pale flesh. under toes pinkish. leg when exposed pale flesh.

SK & ROUT NO.	SEX	SHOOTING DATA	GON	TOTAL	W.	TL	BILL	TR	MCULT.	ABR	STOMACH
SK108 R234	♀	11/12/35. 8 AM. White Sands, East Tama, Cape Hen. 9:30 AM. ditto above (R234)	4+	850	570	INNER 15.6 OUTER 37.0	BC 100 BC 76 DB 8.25 LD 12.5 WB 8.28	TR 21.5 MTC 63	W.L. 8 MTC. 63 skin color	W.F. N.*	L. crop empty. 8 STM full. bones shell + residue, no bones black shells in pits dome
SK109 R235	♀	11/12/35. 9:30 AM. White Sands, East Tama. 9:45 AM. ditto above (R234)	4+	785	523	INNER 14.0 OUTER 37.2	G 118 C 98 DB 8.3 LD 12.5 WB 8.27	TR 19 MTC 65	W.L. 8 MTC. 65 skin color	W.F. S.	long crop empty. 8 STM greenish. 8
R236	♀	11/12/35. 9:45 AM. ditto above (R234)	4.	780	548	INNER 14.0 OUTER 32.5	G 118 C 91 DB 8.4 LD 12.5 WB 8.28	TR 20 MTC 61	TL R. 2 MTC. 61 neck, odd chin odd.	W.F. T. B. 8	L. crop full. quills grey along outer quills white STM ditto.

1936

East Tama dike (White Sands) actual name "FLING" (FLING) (young bird).

Remarks

Strong ESE wind big sea. Many birds on wing following coast from towards. Nearly 2 weeks heavy weather.

tail measured from central feather bases for inner outer. * ABR and odd tail pair wing from base. F abrasion.

tail measured from central feather bases for inner outer. * ABR and odd tail pair wing from base. F abrasion.

a tendency towards slight body abrasion, some feathers being brownish

inner tail, longest outer feather much abraded. R on tail 85 mm long. Abrasion in both wings tail big range. Wings had a good deal of coarse abrasion, and odd inner primaries had fair abr. tail had full range from N to N.M. Body feathers also had some coarse abrasion being brown in parts.

N.B. stomach, also had several quills present.

STERNA FUSCATA ANOETHETA (SCOPOLI)

IR. dark brown.
BILL black (jet)
LEGS & feet black, claws jet black.

14/10/35. Blown ashore by hurricane
Sulphur Bay. S. Jamaica. $\frac{1}{2}$

SK110 R339 ♂

400 275 155

1936

31/1/36. 9 AM. Flashed across
wind in exhausted state. Landed
in lee of island just above H.W.
Wedside, S. dot Jamaica. $\frac{1}{4}$

SK162 R354 ♂

395 290 143

INNER 62 C42 TR 34.5 W:R 2. L 2. ABR. long crop + STAG
78 RNF: 33. DB.11. MTC. T. M.S.P. 0 black only
OUTER 65 DEB 11 MTC. 30. TL: A1, A1, L 2, long S. empty, upper dark E, none of orange S.
WEB 14. 30. all blackish S. X mark chin S.

W/T. 0 empty.

unknown to natives. (see note on Anous stolidus which also applies to this species).

abn. Body often damaged but true abn. would be 2 outer W/pinn. very much more vs. TL. mixed much, consid fair nil. general fair to consid.
Found on beach early morning after storm. Have seen a few at different times in the group but not at this time of year. They are
wings 275T. look other prim which are longer (broken off) resting further south generally.

lostie.
SPOK.
Hurricane in northern group. caught by hand.

ANOUS MINUTUS (BOIE)

IRIS brown, white down lower lid, black white down upper lid
BILL black
LEGS light tan
FEET darker tan, claws jet black, webs same as latter tan

SK & ROUT. NO.	SEX	SHOOTING DATA	GEN	TOTAL	W.	T.	BILL	TR.	MULT	ABR.	STOMACH
SK111	R240 ♂	14/12/35. Above shore at West E. Tanna by barrière E. Tanna, New Hebr.	OT. 1/4+	364	222	120	64 C 47 PBB 8 WEB 10	TR 21 37	W: R 3, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100 receded 20000 TL: R 2, 4, L 5, covs odd dumpy, longish, wings brown and chest odd, all under covered	W: 100 T: 100 S: 100	♀ had intestinal parasites put in spirit for museum
1936											
SK161	R348 ♂	30/1/36. 11 AM. wind & rain. Lagoon in north of group. Shot on wing over reef marking for land. West side, East Tanna.	OT. 0	354	222	112	66 C 43 PBB 8 WEB 13	TR 22 36.5	W: 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, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100 all under covered TL: R 2, 3, 4, 5, 6, covs 2	W: 100 T: 100 S: 100	long crop + STM. small fish
SP165	R349 ♂	30/1/36. ditto above 11.5 AM.	OT. 0+	357	227	114	63 C 45 PBB 8.5 WEB 11	TR 23 37	W: 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, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100 all under covered TL: R 2, 3, 4, 5, 6, covs 2	W: 100 T: 100 S: 100	long crop + STM. blue or white bait
	R352 ♂	31/1/36. Windy rain. Shot on beach ashore in Sulphur Bay. East Tanna, New Hebrides.	OT. 0+	350	223	110	65 C 42 PBB 7.5 WEB 11	TR 21 35	W: 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, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100 upper back, wings & crown TL: R 1, L 1, covs 2	W: 100 T: 100 S: 100	long crop + STM. blue or white bait
SK164	R356 ♀	31/1/36. Windy rain. Shot on beach ashore in Sulphur Bay. East Tanna, New Hebrides.	OT. 0	345	221	109	65 C 41 PBB 7 WEB 10	TR 19 36	W: 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, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100 under covs & feet TL: R 1, L 1, covs 2	W: 100 T: 100 S: 100	green slime

Unknown to natives (see note on Anous stolidus which also applies to this species)
"pidgion belong big sea" (Ocean)

Remarks.
Have seen them out at sea when sailing between islands but not at all common especially at this time of year when they are generally south of the hurricane weed
(OT both test opaque.) (page 64) Does not nest in the group to my knowledge.

hasie. (R test half black, L test quite black. R test end. & L test end. &+) badly damaged around head.

hasie. (both test opaque black). Inside mouth orange yellow.

hasie. feet in spirit. To mangled about by sea for skin. of mass approx 100 gms. found approx 9 AM. legs and feet are very much darker, being a dark sagger brown.

hasie.

S.P.O.K.

ANOUS STOLIDUS (LINNÉ)

Iris dark brown. white down base of bill & feet.
Bill black.
Legs & feet blackish brown.

SK & FOOT NO.	SEX	SHOOTING DATA	CON	TOTAL	W.	TL.	BILL	TR.	MOULT	ABR.	STOMACH
SK112 R241	♂	11/12/35. Washed ashore at Nassau Bay after hurricane. East of Anna Maria Is.	1/4	422	275	156	G. 64 C. 43 DB. 11 WEB. 16	TA. 24 MTC. 40	W. R. 5. L. 5. 11. (comp. & secondaries) TL. R. 3. all unpinched (fine feathers)	W. 85. TL. unpinched W. 5.	♀ black oily residue.
SK113 R242	♀	11/12/35. Washed ashore at Nassau Bay after Hurricane. Nassau Bay, S. Anna NA.	1/2	431	275	158	G. 60 C. 40 DB. 11 WEB. 16	TR. 25 MTC. 36	W. R. 10. L. 10.	W. 77 W. 5.	♀ black oily residue.
1936											
R357	♀	1/13/36. 1 AM. Windy rain. Found dead on paved beach plain 2 miles inland from White Sands. East of Anna	0	425	L. 275	155	G. 61 C. 42.5 DB. 9.5 WEB. 14.75	TR. 24.5 MTC. 41	W. R. 2, 3, 12, 13, 14, 2, 3, 13, 14, cov. 2. W. outer primary cov. 11. TL. R. 5. L. 4. cov. 11. all unpinched & all feathers e.	TL. VUS.	♀ empty.

Unknown to natives (or rather has no name in their language & is described as "bird belong big sea" meaning it frequents the open ocean & not coastal areas & is avoided by many birds sometimes at sea between islands)

Remarks.

Have seen them at sea but not as common as *A. minutus*.

(test pinkish) specimen has lice.

some (eggs) disclosed. specimen has lice.

has lice.

SEOK.

CIRCUS? (APPROXIMANS WOLFI (COURNEY) if so what of the other bird of the brownish white streaked under.)
(near UROSPIZIAS TORQUATUS)

IRIS lemon yellow, black outer ring, eyelid margin narrow yellow ring.
BILL black, bluish skin base, except for frontal patch on culmen which is pale yellow.
EGGS & FEET yellow, claws black.

SK & ROUT. NO.	SEX	SHOOTING DATA	CON.	TOTAL	W.	TL	BILL	TR.	MOULT.	ABR	STOMACH
SK114 R243	♂	14/11/35. Caught on table rise for deluge of rain of driving hurricane & caught by running down on floor of veranda. Park of Jarama, 2 New York.	1/2	515+	375+	210+	BC 43 C35 WB 8.30.	TR 98 MTC 55.	W/L 10.	W.S TL:VM	1/2 housefly residue.
1936											
SK158 R343	♂	23/1/36. 3 PM fine sunny, on grass flats Waile. Shot by netting. 1200 ASL. Shot on ground. 1/2 mile S. of Sanda East Jarama NH.	1/4	530	400	220.	B 45 BC 33 RNTT 24	TR 94 MTC 57.	W.R. 4.5 L. 3-6	W.N. T.S.	1/2 insect wasps, beetle, dragonfly lava, hasinbatah worm, palan.
SK165 R358	♀	1/2/36. 3 PM. under rain, drinking at water trough. North of Jarama. Much sand. East Jarama NH.	1/4+	562.	417.	236.	B 46 C 38 RNTT 26	TR 102 MTC 61	W.R. 20 2/2 L. 20 2/2 1/2 20 2/2 TL: R. 1.	W/T N.	crop + STM. 1 or complete rat. also residue feathers.
SK198 R420	♂	28/4/36. Shot on ground on dirt 5 km from Waile. Shot by netting. 1/2 mile S. of Sanda East Jarama NH. 1/2 mile S. of Sanda East Jarama NH. 1/2 mile S. of Sanda East Jarama NH. 1/2 mile S. of Sanda East Jarama NH.	1/4	515	391.	225	G 42 BL: 251.	TR 89 MTC 55.8	TL: cov. M.	W/T C	1/2 grasshopper.
R424	♂	4/5/36. Shot on ground on dirt 5 km from Waile. Shot by netting. 1/2 mile S. of Sanda East Jarama NH. 1/2 mile S. of Sanda East Jarama NH. 1/2 mile S. of Sanda East Jarama NH. 1/2 mile S. of Sanda East Jarama NH.	0+	TOT 525 BL: -	398	220	G 42 C 30.5	TR 91 MTC 55	flanks 0	W.F T.M.	not examined, but was full & must have been poisoned meat.
SK 282 R521	♂	16/6/36. Fine sunny. 2 PM. on wing over grassy plain. SE of Edgelyth Bay, NE of Dillona Bay. 300 ASL. inner slope of grassland plateau, margin blacker from country. ERROMANGA Is.	1/4	530	410	228	G 44. C 35	93	nape crown 0 chin 0.	W/T V.M. 70+	1/2 lizard.

native name universal all dialects ~~QUITREA~~ (C as K)
QUITREA

Erromanga } SOKWARVI
(Dillona Bay)

Remarks. **unaligible**
 This bird being faster on wing & more powerful than Circus... but this bird being faster on wing & more powerful than Circus...
 I had a large flying tick, put on spirit for museum. (last sent 15.1.35) (also called white Quirea, by natives.)
 This dark brown, bare skin around eye dirty whitish. BILL black, base bluish horn, bare skin above behind nostrils pale brown yellow. LEGS & FEET lemon yellow claws black. Hoofly ticks. This is the bird I know as Circus approx. wolfi in the north of the group. But this is a sub-adult bird if they have a 1st year plumage but it is certainly the only one in the north of the group.
 This dark brown, bare skin bluish. Bill ditto above (R 343). LEGS & FEET. DITTO ABOVE (R 343).
 Bird very fat. has parasites lice & flying ticks.
 Very common in this area often seen hunting in pairs over these open grasslands. The sharper who runs sheep here says an occasional wild lamb is taken by them. They certainly feed on dead lambs & after birth, often get found around such places. This specimen 198 was feeding on a dead lamb when shot but no meat was in the stomach 3 hrs later. Owing to being shot at they are very wary. Often seen feeding on ground, evidently eating grasshoppers.
 Equal dark brown under. has many lice.
 Iris? Bill black, horn bluish base, yellow patch on culmen, bare skin at base of bill dark grey. Legs feet lemon yellow claws black.
 Iris reddish yellow, dark speckled outer ring (which enlarges contrasts with anger). Bill black & bluish tip, complete greenish yellow. Legs feet dirty yellowish, claws black.
 SKL. two very small patch not on eye. Palate specimen.
 100 conical colour abrasion on body.

ARENARIA INTERPRES OAHUENSIS (MATHews)

ANWA IRIS dark brown, light whitish down on upper + lower eyelids.

BILL dark horn, greyish dark tip.

LEGS & FEET salmon, joints darker greenish tinge. claws black.

SK & ROUT. NO.	SEX	SHOOTING DATA	GON.	TOTAL	W	TL	BILL	TR.	MOULT	ABB	STOMACH
SK132	R305 ♀	20/12/35. 2 PM. fine sunny on white sand on E side of Egara tidal lagoon, rising tide, north end of Anwa Is.	L 4	245	154	60	G.27 C.22 D.B. 7 W.B. 6.	TR27 MTC 26.5	W.L. @ TL R1, H1, rump & back @. nape @. crown @. all under M. X neck @.	W/T N.	1/2 shell fish limpet shell
R306	♂	20/12/35. ditto above. shot.	8+	240	154	52	⊗	TR27 MTC 26	W.R. 2, 3, 17-20. L. 2, 3, 17-20. long under cover all. crown @. back @. TL R4, 5, L5. rump @. nape @. crown @.	W/T N.	0 empty.
R321	♀	24/12/35. 11:30 AM. fine sunny shot on rising Egara lagoon & shot, one of 14 shot in a group, rising tide. Anwa Is.	0	230	153	55	G.27 C.22.5 TR25 MTC 26	TR25 MTC 26	all under M. crown @. nape @. crown @. nape @. crown @. nape @. crown @. nape @.	W/T N.	1/2 sandgrit crabs.

1936

Aniwan dialect native name. WURKWAGI

Remarks

Fairly numerous on reef top around island on muddy sand flats of Egara tidal lagoon, but very shy & wide awake. Usually has to be shot on wing. Generally in flocks of a dozen or so or very big flocks of 50. Much variation of moult even strikingly apparent on wing. Difficult to see when still, then all break & fly off by swiftly together calling a twittering note, much on wing.

Head blown to hell.

(-> abrasion. W. of prim. KM. otherwise nil. tail N).

feet legs pale reddish brown darker joints.

ANUWA IRIS dark brown
BILL UPPER M. black tip brownish black base
LOWER M. tip half black, base pale brown.
LEGS & FEET. pale slaty bluish grey.

SK & ROUT. NO.	SEX	SHOOTING DATA	GON	TOTAL	W.	TL.	BILL	TR.	MOULT.	ABR.	STOMACH.
SKI 133 / 1307	♂	2/12/35. 8 AM. fine sunny, on mud flats which extend inland. low tide - falling to slack. South end Anuwa Is.	1/4	442	235	95	G. 87 C. 82.5 D. 88. 9.5 W. 12	TR. 62 MTC. 42	W. R. 1, 2, 19, 22, 25, L. 2, 3, 17, 19 C. 20, 23 TL. R. 14-16, L. 1-6, immature tars. 2 Wings black & may be brown. 2. ventral M. downy to chin. 2.	W. white (inf.) dark	2 crabs slight
1936											
R408	♀	13/4/36. 11 AM fine sun. shot on reef top near TPL. South Lakel area. West side of island. calm sea. high tide. 10 AM West Tanna.	1/4	470	225	98	G. 95 C. 92	TR. 62 MTC. 42.5	NIL	w/ s some body abs.	1/2 smaller crabs.

East Tanna dialect native name KANG (KRNG)
Anuwa dialect native name KAR (KRR)

Remarks.

About the commonest of the larger waders. very noisy on wing. Very numerous around the lagoon + in the mangrove swamps towards the head of the lagoon. They breed. So also found on Sewi fresh water lake Tanna, but is too shy to allow shooting in that open bare place.

Plumage white + warm brown.

Common + very noisy, calling much. Very shy + wary. In small flocks perhaps preparatory to migration.

ANWA 1st dark brown.
BILL black.
FEET LEGS & WEBS black.

Aniwan dialect native name. SAUWAREVE

SK & ROUT. NO.	SEX	SHOOTING DATA	CON.	TOT.	W	TL	BILL	TR.	MOULT	ABR.	STOMACH
SK135	♀	2/14/36. 11 AM fine sunny on steep in middle of 2 ponds tidal lagoon, rising tide, 4 ft of water by itself. Aniwa Island	O.S.E.	3	325	230	INNER 68 OUTER 87 R 114 L 105	C. 40. TR. 19. MTC. 23. TL. RSL 3, 6 covered.	W. R. 4, 1/2 19, 2/2 L. 4, 9, with second + covs. all upper 3rd stage 2. possibly feathers out, thin o. drinking towards head.	W. 3rd stage + covs. TL: long thin + full of above.	long crop, whitish No. 6. 1. 57 M. 1 full of above.

Remarks
(product slightly enlarged). Fairly common nest on Aniwa every year. a nest + eggs destroyed by hurricane previous week to my arrival. of eastern rubble just above high tide mark. note the pinkness of feathers in moult. 18.4 in each wing were a really beautiful deep shell pink. The boys reported there were 2 very young nestlings hatched a few days before hurricane P.C. about Dec. 10th.

1936

STERNA BERGI (?CRISTATA)

ANWA^{RIS} dark brown.
BILL pale greenish yellow.
LEG, FEET + WEBS black.

SK & ROUT. No	SEX	SHOOTING DATA	CON.	TOTAL	W.	T.L.	BILL	TR.	MOULT.	ABR.	STOMACH
SK136 R311	♀	24/12/35. 10 AM. fine sunny day. wind from water on Egard. Egard tidal lagoon. low tide rising. Anwa Is land.	1/2+	473	333	INNER. 90. OUTER. 150.	G. 84. C. 58.5 TR. 32. D. 8. 16. W. 8. 18.5 MTC. 40.	W. R. 1. L. 1. F.		W/T	long crop. 2 complete sardines 57M. 1 piece
SK145 R320	♀	24/12/35. 11 AM. fine sunny. low tide rising. on wing Egard. Egard tidal lagoon. strong light breeze. Anwa Is land.	1/2+	462	336	INNER. 84. OUTER. 140.	G. 86. C. 60. TR. 30. D. 8. 15. W. 8. 17.5 MTC. 36.	W. R. 4. 28. L. 4. 20. all upper e. / med. chin e.		W/T	♀ both empty.
SK153 R329	♂	26/12/35. 10 AM. fine sunny. half tide falling. sitting on stamp. W side Egard tidal lagoon. Anwa.	1/2+	510	353	INNER. 84. OUTER. 181.	G. 96. C. 64.5 TR. 30. D. 8. 16. W. 8. 19. MTC. 34.	Nil		W/T	♂ residue.

1936

Remarks

Very common around Anwa & always numbers of them in the air or resting on stamps or sand or stones in Egard lagoon. had numerous plumage phases but all one species I think. crataeo speak of an odd one nesting occasionally on cliff ledges but certainly must be very rare as some natives have never seen it but others say they have rarely. No name difference for all sterna's. often under toes black. bill greenish yellow. mottled phase but the same species as R311. I think.

(test. 10.5 x 6.5)

ANWA IRI's dark brown.
BILL dark horn black tip & paler pinkish horn base.
LEGS & FEET black.

SK & ROUT. No.	SEX	SHOOTING DATA	GON	TOTAL	W	Tf.	BILL	TR.	MOULT	ABR.	STOMACH
SK143 R318	♀	24/12/35. 10 AM. on wing about whit sand flats E side of goro tidal lagoon, fine sun, low tide. Anwa Island.	0+	388	212	73	GL 85.0 mm TR 51. DB 10. WB 9. DIF. M. 3 mm.	37	W. R. 5, 24, 25 - L. 11, 24, 25, - secondary coverts 2. TL: R, L, 2, coverts 2. rump back, neck M. crown 2. abundant M. X neck, chin 2. decreasing towards head where abraded heavy.	W/T V.S. neck thin W.M.	1/2 shell gut tidal mud.
SK144 R319	♀	24/12/35. 10.30 AM. fine sunny shot on wing over sand flats E side of goro tidal lagoon, low tide. Anwa Island.	1/4	446	230	83	GL 107.0 mm TR 53.5 DB 11.5 WB 10. DIF. M. 3.5.	40	W. undercoverts upper coverts M. secondary coverts 2. TL: R, L, 1, 11, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.	W/T N referred V.M.	1/2 small crab remains.

1936

Remarks
Fairly numerous amongst the waders but very shy. Can easily be picked out by its industry in looking for food. Occasionally goes up on to grassy plateau at high tide but not often. Is not nearly so rowdy as *ellimicus* & only numbers about 1 to 3 or 4 of that species at goro tidal lagoon.

Very very large compared to R318. IRI's dark brown. BILL pinkish horn all base half (much paler than R318) tip 2 both M. black horn. Legs feet greyish black, not as dark as R318. (Percent difference total 14.7% bigger than R318).
N.B.

CHALCITES LUCIDUS LAYARDI

IRIS ANIWA dark brown. eyelid edge pale yellowish white.
BILL black prominent nos. bills, gape black.
LEGS+FEET bluish black under toes pale.

SK. Root. No. SEX. SHOOTING DATA. CON. TOTAL W. TL. BILL TR. MOULT. ABR. STOMACH.

1936

SP158	R332	♀	4/1/36. 2 PM. fern sunny garden lunch, at garden, 6th St. N. central part Anuwa Is.	2+	73+	6.21 C. 14.5 WBN 6.5	W: R2 L: 5, 9, 11, 13, 15 back of wings brown & breast TL	insects beetle.
SP181	R374	U.S.	shot near center of island on main road SCASL. Dry hardwood scrub. Anuwa Island.		100 70	B. 12+ BB. 19.5 C. 17.5 WB. 5.5 WBN 7		
SP182	R375	U.S.	2/1/36 shot towards the N. central part of the island 100 ASL. Dry hardwood scrub. Anuwa Is.		100 70	B. 11.75 BB. 20 C. 18 WB. 5.5 WBN 7.25		

Anuwan dialect native name. VAN-VANI

Remarks

Very badly shot damaged. By no means uncommon ^{at times} on island, but very hard to locate. Another + larger species
of bronze called the boys call *manufating fatung*. This one got in ~~at~~ ^{at} ~~the~~ ^{the} ~~owner's~~ ^{owner's} garden.
Bill from nest 11.2.5. B6 to base. 14, 19.5.

soft parts as above (legs. blue slate). I left a bottle of Malis on Anuwa the boys shot them 2 for me.
They call *van-vani* but they have a slighter larger one they call *manufating fatung* which was common
around about this time but they failed to catch one. They say themselves that the two are hard to distinguish in
the field.

But they are sure of them in hand. The natives of Anuwa are ~~not~~ ^{not} ~~at all~~ ^{at all} ~~so~~ ^{so} ~~not~~ ^{not} ~~very~~ ^{very} ~~careful~~ ^{careful} ~~in~~ ⁱⁿ ~~the~~ ^{the} ~~field~~ ^{field}.
Soft parts as R374. ^{notably} ^{bad} ^{shots} so it is not very remarkable their not getting more than 2.
When I visited the island for 24 hrs. in March, I failed to find a single bronze
ushee though I managed to get a *Eudynamis*. Which I have since discovered to present on Tanna also.

NON-BREEDING

128

SOFT PARTS:-

ANIWA: IRIS: brown

BILL black.

LEGS&FEET. lead gray feet darker, (no hind toe).

CHARADRIUS MONGOLUS(?) PALLAS.

1936

SK & ROUT. No SEX. SHOOTING DATA. GEN. TOTAL WING TAIL BILL TR. MOULT. ABR STOMACH.

SK 169
R377

♀

23/9/36
shot at 4:30 PM. very hot sunny
on mud on E side of island
(on beach) to E of pair 4 -
tidal lagoon, at sea level.
High tide, big ground swell.
Aniwa I.

NATIVE NAMES.

ANIWA Is.

129

REMARKS: soft parts. Iris brown. Bill black. legs lead gray feet darker, no hind toe.

Shot in company with half a dozen others of the same species with numerous other waders. Skinned after dark without a light so no measurements taken. Certainly a Charadrius, has no hind toe.

Handwritten notes in the left margin of page 130, including the number '5' and some illegible characters.

The image shows two facing pages of a ledger. Each page is ruled with horizontal blue lines and vertical red lines to create columns. A single vertical blue line is drawn on each page, dividing the columns. The pages are otherwise blank, with some minor staining and a small handwritten note in the left margin of page 130.

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ANIWA

SOFT PARTS - IRI'S - light golden brown, eyelid yellow flesh edging, bare skin below eye yellowish.

BILL - upper M. black central ridge, paler yellowish tinged horn on sides. Lower M. pale yellowish tinged horn.

LEGS - greenish tinge slate, under toes yellow claws black.

1936.

SK & ROUT. NO.	SEX	SHOOTING DATA	GON.	TOTAL	W	TAIL	BILL	TR	MOULT.	ABR.	STOMACH
SK 170 R378.	♀	24/3/36 8 A.M. very hot sunny. shot in garden land 20 ASL on coastal strip, on W side of island just south of mission station. Aniwa Is	1/2	406	193	230	63.9 C 24. NET. 16.	37	W-R. ♂ NIL	W/T V.S.	1/4 one large scorpion.

26/3 FIELD NOTE. In a weeks varied work in East Tanna (except south east coastal) in 3 areas where native reported having seen it lately (i.e. Sulphur Bay valley, doonvalla, Sanakahi?, Eastern foothills) I found no sign of it, only 2 of natives knew the bird, many not even knowing name of it, so it must be a rare visitor. One very intelligent native who seems to know it, I had given cartridges to get it but it seems a forlorn hope. Returns SE coast.

ANIWA IS. MANWATA.

TANNA. IERIRUA

REMARKS

specimen very fat. The only one seen by me during 24 hr wait but said by boys to be fairly numerous just now. Tanna boys in the boat with me on seeing the bird claimed it was on Tanna but not very common, yet in the best part of sea mouths amongst them they never mentioned it, nor have I seen one. Numerous Tanna boys do not know the bird so it cannot be common. On Aniwa they believe a comantia is its young one, they know nothing of its foster parent or its parasitic habits. Possibly Kelage is its foster.

4/4/36 Today on my return from weeks camp at Sakonanaman (Eastern foothills south) I found my boy had turned up tonight having on the previous Wednesday 1/4/36 shot 2 of them but with hot weather & my 2 days absence they were beyond redemption & beyond being definitely Eudynamis & a damn bad smell not much else could be ascertained. One had a different rusty tinge under, possibly juvenile, but they fell to pieces on handling. Will try & take a run down that way one day next week but time is short before September is due & I have to prepare for Absyrtum.
8/4/36. Boys have returned this evening with no birds but constant rain interfered with them & bird life was scarce.

IRIS: dark brown.
BILL: black, prominent tubular nostrils point forward & joined.
KNEES: pale violet. LEGS: pale blue.
FEET: outer toe, tip of middle toe, extreme tip inner toe, web & claws black (X for inner 3 & inner web, remainder pale blue).

PTERODROMA LEUCOPTERA BREVIPES(?) MASA FUERA?

ERROMANGA. 1 mi. ditto.

Bili ditto.

LEGS & FEET. bluish tinged but generally darker than Tanna.

NATIVE NAMES

TANNA (Sakmanawan) TICKERREKARK, general petrel name.
Southern dialect RUMRARK or RUMRAUK definite spec. name.
ERROMANGA. South River dialect (SW ERROM) NELEP.

Table with columns: SK & ROUT. No., SEX., SHOOTING DATA, GON., TOTAL, WING, TAIL, BILL, TR., MOULT., ABR., STOMACH, REMARKS. Contains 17 rows of specimen data.

REMARKS. Specimen very fat, skull showed a non-ovipid patch... These petrels which owing to having no key to measurements of P. leucost. brevipes or P. leucost. masa fuera... I cannot definitely place which sub-spec. it is.

These petrels which owing to having no key to measurements of P. leucost. brevipes or P. leucost. masa fuera... I cannot definitely place which sub-spec. it is. They nest more colonial over the greater part of the southern mountains of Tanna (volcanic soil), a few between 1600 & 2000 ft but mostly about the 2000 mark, or a little above. They may go up above 2500 but owing to their or altered burrows they are very hard to find & I failed to locate any eggs down below it a level that height. Burrows are scattered here & there but seldom closer than 100 yds to each other, invariably only 3 ft long i.e. bird can always be reached without digging. Entrance is generally under or between root of a tree on the down hill side which being to very steep slope (almost precipitous) makes a kind of porch over entrance. Once entering one has to hold on to root of tree by hand as it is impossible in many places to find real feet to hold & often foot holes have to be cut, but are composed of a few dry leaves, generally from nest cavity is not any larger or only slightly larger than burrow itself. Some dirt is conspicuous around entrance making nest fairly easy to spot where any decent size area can be seen. Vegetation is composed mostly of ferns and shrubs, with wild hares, which come out under low shaded trees average height 20 ft, but ferns are very numerous, a majority of the trees are small leaved (Acacia?) tree which has a red flower (we call it the Royal flower of Tanna). There is much moss of numerous kind etc. of the ground. Landslide in recent weather are very common, particularly if any earthquakes of extra violent volcanic outburst cause earth shakings. All these birds were taken on the steep slopes of a peak over spur running down SE from Tihoochiva etc & about 1/2 mile from the water fall. For egg measurements see samples. Invariably one plain white. Common nesting orchard ferns.

IRIS dark brown
BILL brownish black, pale edge lower M. off yellow gape.
LEGS & FEET dark rufous brown, under toes yellowish. CLAWS blackish horn.

PEIROICA MULTICOLOR. FEMININA.
ERROMANGA.

Dillon's Bay area.
West central part of island } NABUANNIBPEN.

SK&ROUT NO.	SEX	SHOOTING DATA	GON.	TOTAL BODY LENGTH	WING	TAIL	BILL	T.R. & M.T.C.	MOULT	ABR	STOMACH
SK195 R413	♀	27/4/36. 9 AM. sunny odd shrub in gully. 800 ASL. open granular patches scattered by wood shrub. North Dillon's Bay (Kororua-jaddah) W. ERROMANGA.	1/2+	112. BL. 33(0)	64	43	G: 17 C: 9.5	18.5	TL: 0 back C breast 0	W: S TL: VM.	+ minute insects + beetles.
SK197 R415	♀	27/4/36. Ditto above. same family group possibly sub-adult. In low bush. 27/4/36 ground. West ERROMANGA.	1/4+	111 BL. 30(0)	59	41	G: 16 C: 10	19.5	TL: R 2 L 6? 0 CRO V.M. Lower back M. unders odd scattered	W/T N.	3/4 small black beetle
R416	♂	27/4/36. 10:30 AM. sun & odd gully in rain. Shot at 1100 yds further up gully than R413, 15, one of a pair. on edge of gully on edge of mimosa scrub & hardwood clump. bordering grassland. 800 ASL. North Dillon's Bay West ERROMANGA.	1/2-	118	64	45	G: 16.5 C: 9	20.	W: R 0 head 0	W/T N.	1/2 ants, insects.
R422	♀	1/5/36. 9:30 AM. dull cloudy after rain. In mimosa scrub ham paddock gully 750. ASL. Open grassland plateau with scattered young mimosa scrub gullies. North Dillon's Bay. ERROMANGA.	1/2	TOT 105 BL. 24.8	63	44	G: 16 C: 9.5	16	NIL	W/T N.	3/4 small black beetles insects.
SK208 R434	♂	4/5/36. 8-10 AM. fine sunny in mimosa scrub in gully 700 ASL. Open grassland plateau with mimosa scrub & hardwood scrub interspersed by scrubby gullies. North Dillon's Bay. West side. ERROMANGA.	1/2-	TOT 112 BL. 29	64	42	G: 16.5 C: 10.5	19.2	crowns 0	W/T N.	1/2 caterpillar, black beetles.
SK209 R435	♂	Ditto above.	1/2	TOT 114 BL. 30	64	44	G: 16. C: 10.5	18.2	NIL head 0	W/T V.S.	3/4 caterpillar, insect beetles.
R436	♀	Ditto above.	1/4-	TOT 110 BL. 24.5(0)	62	42.	G: 16.5 C: 10?	19.5(0)	TL. Lous 2 (fur.) rump 0 head 0.	W/T N.	1/2 insects, grubs, beetles.
SK223 R452	♂	14/5/36. Sun & showers. 9 AM. Shot in mimosa scrub on valley slopes. 800 ASL. scrub dense scrub in small road channel. some cane grass & scrubby understory. North Dillon's Bay. ERROMANGA.	1/2-	112. BL. 31.	65	45	G: 16 C: 9.8.	16.8.	NIL.	W/T N.	1/2 beetles.
R461	U.S.	16/5/36. Dull cloudy shift rain in gully 700 ASL. Open grassland plateau. North Dillon's Bay. ERROMANGA.	glands damaged to bits.	112.	60.	43.	G: 16. C: 9.2.	19.5.	NIL. W: R 0 back 0.	W/T N.	0. black beetles.
SK243 R475	JUV. U.S.	1/6/36. Sun & shift of rain 11:30 AM. in mimosa scrub in gully. 700 ASL. Open grassland plateau with clumps & patches of hard wood shrub & numerous small scrubby gullies & storm channels. North Dillon's Bay. ERROMANGA.		BL. 31.					W: all appears inner out. TL: under cover 2. TL: All, appears outer inner also square.	W/T N.	3/4 beetles grubs, etc.
SK244 R476	♂	Ditto above. Family party of 4.	3/4-	112 35	63	44.	G: 16 C: 10.	17.	NIL.	W/T N.	1/2 small insects beetles.
SK245 R477	♀		1/2-	112. 35.5	65	45	G: 16. C: 9.8.	16.	crowns 0	W/T V.S.	1/2 insects beetles.
SK246 R478	JUV. U.S.										SKL not ossified. Badly shot damaged. Gonads damaged but believe ♀. Soft parts as R475
SP186 R481	♂	Ditto above 10 AM.									Soft parts as usual.
SK249 R483	♂	1/4/36. Ditto above (R475). 9 AM. 750 ASL.	1/2.	113 32	65	45	G: 16 C: 10	18.	NIL.	W/T V.S.	1/2 insects, spiders, grubs.

ADD DATA

Tail damaged.
Shot perched sideways on a small mimosa
bush in typical yellow robin attitude.
Several birds seen in this little gully. This one was
one of family of 4. came to call of young bird.

This bird was being chased by one other petroica
possibly parent driving it away shot 2 minutes
after R413.

lower Mand. has white horn base half
Head shot to pieces & wings shot away

One of a pair believe female or sub-adult.
spoils in skinning.

Soft parts usual except lower mand. more dark. optical
gape not as prominent as usual.
underwings. AT. 2/3 + L.T. 1/4 and opaque.
(SKL comp. ossif.)

head badly damaged. no prominent white fore
patch of adult.
(SKL 0)

head shot to kill. badly shot damaged.
female plumage, gonads, no frontal patch.
grubs only.

SKL 0.

SKL comp. ossif.
Was with another with larger white front
patch & more rusty & darker head. 2 ♀ female
seen.

Possibly juv. Two white patch but so
badly mauled that definite index
cannot be given.

Sex organs damaged but appears to be
♂ (almost definitely). SKL not ossif.
Iris dark brown. Bill blackish tip, pale horn
base & edges. gape soft yellowish. legs yellowish
flesh. feet yellowish under yellow. claws pale brown horn.

SKL comp. ossif.

SKL comp. ossif.

SKL not ossif.
Badly shot damaged.
Gonads damaged but believe ♀.
Soft parts as R475

SKL comp. ossif.

REMARKS

Seems very common in this part. Entirely different to Tanna, being more a brown
than black back. Somewhat P. femina. No white in wing so far. North Dillon's Bay
area is a coral terrace red loam over coral, well drained calcareous soil,
with 500-800 ft of falling almost sheer to a very narrow coastal strip, rising to a
1000 ft ridge 2-3 miles inland, all these uplands are grassy covered by real low
low hardwood trees 20 ft high & small scrub forming fairly extensive clumps in
places. It is interspersed by many gullies with small streams & some with very steep sides
rising 200 ft or so. many of these gullies & ridges being covered with a dense mimosa
scrub, which covers 90% of the land. These grassy upland are used for sheep pastures being
the only sheep station in this group.

28/4/36. During ride through burnt country burnt by pastoralist late in December 1935 saw
numerous pairs of Petroica of up to a dozen & all chasing each other e.g. possibly
mating or driving off of young ♂ by old ♂. some groups of only 11 & five were observed
during the same visit very apparent distinction between adult & juv in field.

SK & ROUT. No	SEX	SHOOTING DATA	GON	Tot Bl.	W.	TL	BILL	TRO MTC.	MOULT.	ABR	STOMACH.	SKULL.	ADDITIONAL DATA.	REMARKS & NOTES.
SK 263 R 499	♀	8/16/36. Sun cloud + showers. 10:31 AM. in scrub under tall forest 700' ASL on margin plateau + steep tall forest led slopes falling to sea in cliffs on very steep slopes. North Dillons Bay.	1/2	110	64	43	G 18.5 C 10.	18.5	NIL TL: 0.	W: N T: VS	1/2 beetles ants.	comp. orof.	Foster parent of SK 262. see Cacomantis notes.	16/6/36. These grasslands are all pasture lands for sheep + cattle + are periodically burnt off by the pastoralist. The type of acacia hardwood which commonly grows here, is called locally Morie, cannot stand fire + only a light scorching is sufficient to kill it. It has a hard black seed which needs fire to crack it + so actually increases in density after each burn. The well drained porous soil rapidly dries out + the tall grass induced by the heavy rainfall quickly dries out + carries fire very readily. This is possibly the reason no actual grassland birds exist as even before white occupation the natives found the grass, for defence, for fun + to catch lizards + numerous other reasons.
SK 264 R 500	♂	ERROMANGA Is.	1/2+	115	64	45	G 17 C 10.5	18.2	NIL.	W: T N.	1/2 grubs + beetles.	comp. orof.	Foster parent of SK 262. see Cacomantis notes under date 8/16/36.	
SK 266 R 502	♂	8/14/36. Ditto above. 7:30 AM. Mimosa scrub in gully.	1/4	110	64	43	G 17 C 10.	19.	NIL.	W: N T: VS	1/2 beetles	comp. orof.		
SK 285 R 524	♂	16/6/36. fine sunny. 8 AM in open grassland with burnt dead hardwood scrub, 800' ASL. Open grass plateau with a good deal of hardwood scrub semi open. North Dillons Bay.	1/2	158	61	42.	G 16.5 C 10.5	16.	NIL.	W: T N.	3/4 insects beetles	comp. orof.	Feeding a young one. Pinned with SK 286. young one shot but lost in grass. see remarks this date.	
SK 286 R 525	♀ AD.	Ditto above. paired with + feeding young.	1/2+	116	63	44.	G 16 C 9.2.	17.	W: second o.	W: T V: S.	1/2 insects beetles	comp. orof.	Feeding young paired. with SK 285.	
SK 288 R 527	♀ FLED.	18/6/36. dull, cloudy, cloudy. 10 AM. open tall hardwood scrub, grasslands, 600' ASL. Open grassland plateau with scattered hardwood scrub + a few scrubby gullies. South Dillons Bay. ERROMANGA	0/0+	109	57	40.	G 15 C 8.8	17.	NIL.	W: T N.	1 large caterpillar + black beetles.	not orof. + just above eyes.	good skin. Gen. flying + fledged, pins. weaned.	
SK 291 R 530	♀ JUV.	18/6/36. dull cloudy cloudy. 9 AM. open tall hardwood scrub + grasslands, 600' ASL. Open grassland plateau with extensive areas of pure grassland with few scattered clumps of open tall hardwood scrub + a few scrubby gullies. South Dillons Bay. ERROMANGA.	0/0	BL	27.				W: under covs A. TL: all F, upwards to outwards seg. upper back M.	W: T N.	1/2 + insects grubs beetles.	no occupation.	One of family of 4, still being fed by parents, short stolen by rats while drying. goes with SK 292, 3 + R 530A	
SK 291A R 530A	♂ JUV.	18/6/36. dull cloudy cloudy. 9 AM. open tall hardwood scrub + grasslands, 600' ASL. Open grassland plateau with extensive areas of pure grassland with few scattered clumps of open tall hardwood scrub + a few scrubby gullies. South Dillons Bay. ERROMANGA.	0/0	BL	27.				W: under covs A. TL: all F, upwards to outwards seg. upper back M.	W: T N.	1/2 + insects grubs beetles.	no orof.	Still being fed by parents, one of family of 4. 10 short stolen by rats. while drying. goes with SK 291, 2 + 3. stolen by rats.	
SK 292 R 531	♀ AD.	ditto above. All notes under this date.	?	108	62	43	G 15.5 C 9.	18.	NIL.	W: VS T: F.	1/2 beetles.	comp. orof.	Parent of above 2 juv. family party of 4.	
SK 293 R 532	♂ AD.	ditto above.	1/2	113	65	44	G 16 C 10.	18.	NIL. W: R. 0.	W: T N.	3/4 insects beetles.	comp. orof.	Parent of above 2 juv. + mate of SK 292. see notes under this date.	
SK 294 R 545	♂	24/6/36. Sun, cloud showers. 6 PM (dusk) singing in mimosa scrub in gully. 3-4. Open grassland plateau, numerous other birds + scrubby gullies 800' ASL. North Dillons Bay. ERROMANGA.	3/4	120	63	43	G 15 C 10.5	19.	NIL.	W: T V: S.	1/2 insect beetles.	comp. orof.	Has single white feather in crown very dark upper + large white patch (front). Bird probably very old. feathers (prim) very brittle + easily fall out. Spelt in skinning.	
SK 309 R 550	♂ JUV.	28/6/36. dull cloudy after 1.5 inches rain at night. In tall forest open slope under brush 1200' ASL. 8 AM. Western slopes, NW mountains. NE of Bay. ERROMANGA.	0/0	BL	29.				W: under covs A. TL: all. all under 0 along edges all having a bare patch.		1/2 insects.	not orofid.	see notes this date.	
SK 440	♂ AD.	1/3/37. fine sunny after rain at night. 10 AM. in mimosa scrub in gully. 700' ASL. Open grassland plateau with many patches scrubby gullies. North Dillons Bay. ERROMANGA.	1/2	115	64	43			NIL.	W: T V: S.	3/4 insects.	comp. orofid.		
	♀	5/3/37. Sun showers. 8 AM. Mimosa scrub in gully 900' ASL. Open grassland plateau with many patches hardwood scrub + scrubby gullies. North Dillons Bay. ERROMANGA Is.	1/4+	117	57	37.	G 17 N.C. 14.	17.75	TL: all X h. outer. all upper M. all under M.	W: VS T: N M.	1/2 insects	comp. orof.	R. test 1/2 + 1/2 test. 0.0. Tail in eclipse moult. Appears to be adult ♀ lot of red on breast. First spec. I have seen of this moult on this species.	
	♂	ditto above same place + time	1/4	122	60	41	G 16 N.C. 15.	19.	W: covs second o. TL: covs M. rump back covs M. mapes all under M.	W: T N.	1/2 insects.	not orofid X for narrow strip above eyes.	Lot of red on breast, no white front patch. see notes p. 190.	

SOFT PARTS. IRI'S pale lemon yellow.
Bill black.
LEGS & FEET. black, under toes pale pads.
CLAWS black.

CORACINA CALEDONICA THILENII (NEUMANN)

ERROMANGA. } VERALOU
(Dillon's Bay area.)

SK & ROUT No.	SEX	SHOOTING DATA	GONAD	TOTAL & BODY LATH	WING	TAIL	BILL	TR & MTC	MOULT	ABR	STOMACH	ADDITIONAL DATA	REMARKS
SK 199 R 422	♀	28/4/36. 10 AM. fine sun after rain. Open grassland plateau with dense scrub & scattered hardwood trees & shrubs interspersed by numerous small gullies with dense scrub. West side of island. North of Dillon's Bay. 1000 ASL. ERROMANGA.	1/2	TOT 337 BL 82	182	162	G:41 C:24	TR 34 MTC 29.6			+ grasshoppers grass & beetles		Very common in this type of country in the scrubby gullies & in open grass patches in the fairly extensive low scrub which prevails in places.
SK 201 R 423	♀	1/5/36. 9 AM. in hard wood tree, in scrub on steep slope of gully. 700 ASL. Open grass land plateau interspersed by scrubby gullies. North of Dillon's Bay. West coast. ERROMANGA.	1/4	TOT 328 BL 95	183	157	G:41 C:23.2	31	W: R.P. 13-15 & L.P. 1, 13-15. TL. R. 5, 6 } upper covs M. L. 5, 6 } all upper M all under M	W/T	+ beetles	all tail covs lost in moulting.	
SK 213 R 441	♂ SUB AD	6/5/36. 7:11 AM. full cloud, rain in hardwood scrub, 700 ASL. Open grassland plateau interspersed by grass scrubby gullies & small patches of scrub. North of Dillon's Bay. West coast. ERROMANGA.	1/8	TOT 332 BL 86	172	150	G:41 C:24	33	W: R. 3, 9, 2 covs M } L. differs TL: R. 2, L. 1, 2, covs B. narrow back M narrow covs. narrow chin.	W/T	+ beetles	SKULL NOT OBSERVED. bare skin below eye. dull white.	
SK 237 R 469	JUV.	18/5/36. Fine sun & cloud 7 AM. In scrub at plateau edge 700 ASL. Open grassland plateau margin with scrubby gullies. North of Dillon's Bay. ERROMANGA.	?	TOT 335 BL 80	177	173	G:39 C:23	28	W: covs 0 TL. all. outward in covs 0. back & nape M crown 0 all under M increasing to chin.	W/T	3/4 beetles	SKL not ossified at all. still being fed by parent. gape dark flesh.	

Handwritten notes in the left margin of page 144, including the number '151' and other illegible characters.

The image shows two facing pages of a ledger, numbered 144 and 145. Each page is ruled with a grid of blue horizontal lines and red vertical lines. The grid on page 144 has 10 columns and 25 rows. The grid on page 145 has 10 columns and 25 rows. The pages are otherwise blank, with no data or text entered.

IRIS - dark pale redish, bare skin above eye dark flesh.
BILL - bright red, darker red sole patches behind nostril.
LEGS + FEET pale salmon, dark (blackish) joints, under toes dirty flesh.
CLAWS dark horn.

PORPHYRIO ALBUS ANEITEUMENSIS (TRISTRAM).

ERROMANGA.

IRIS - strong reddish brown.
BILL bright red, darker sides.
LEGS + FEET salmon. joints darkish.
CLAWS horn.

B.S. Bill clin. + pad.

SK & ROUT No	SEX	SHOOTING DATA	GON.	TOTAL BODY	WING	TAIL	BILL	TARTR	MOULT	ABR	STOMACH
SK 190 R. 405.	♂	10/14/36. Caught by dogs in garden behind last bush on central plateau, W. upper end of island. For Rabon plateau 4 birds with female. Tanna.	3- BL?	395	M	M	BC 41 BC 66. WB 15.2.	TR. 86 MTC 92.	W: all covs second. TL: all upper covs c. rump, back c. neck crown c. all under c. X side breast c.	ABR. ECL	1/2 small snails pig droppings, seeds.
SK 296 R 535	♀	22/6/36. from swampy I.P.M. 8 miles in rush swamp behind fly + bio lab on central plateau. One grassland plateau just behind hardwood forest. Dillons Bay. ERROMANGA.	3+ 4+ O.C.E.	420 165	222	86	G 40. C.P. 65.5 D.B. 8.25.	81. 96.	W: R. all sep. 9410 each way. L. ditto covs M. seb. with prim. N. TL. all neck chin c.	w/r N.	1/4 root fibres + seeds of swamp grass.

NATIVE NAMES.

TANNA Eastern area } IAHUMRAH.
(not found there)

ERROMANGA: 20
Dillons Bay. ditto above MBULOU, or NUMBULOU. (Per B around last used).
Dillons Bay. ditto above MBULOU or NUMBULOU.

ADD. DATA.

1. test. 16 X 6 mm.
R. test. 20 X 4 mm.

SK. not examined.

oviduct consid. enl. diam largest oocyte 4.2 mm. several 3.5 mm.
see notes.

REMARKS.

Found near village above Anahel on edge of For Rabon plateau. Seems likely this species has an eclipse eclipse plumage as all wing tail streamers were in moult. I did see a pair of a period when their dogs catch numbers of them probably at eclipse. Not found in eastern area, odd accidental appear, on on last I present.

ERROMANGA.
22/6/36. This bird was caught in an open swamp very close to Navola village. The swamp has an open water area about 150 yds long x 30-40 yds wide with a margin of tussocky swamp grass all around it from 100 to 10 yds wide in places. Ducks occasionally appear on the open water. This specimen + another with it refused to fly in spite of a line of native beaters + dogs + dodged back through the line several times. They have runways all through the grass tussocks in every direction + seem to be able to beat even the dogs. Dogs + birds being invisible under the 3 ft high tussocks. Once in doubling back, this bird walked under the foot of a beater + was killed, (a new form of capture). Porph. is fairly common but very very shy + wary all along the swampy valleys + as most of the swamps have bare surrounding with dense cover of 3 ft tussocky grass + long 6 ft reeds or wild cane they are very hard to get near enough to shoot + keep very much under cover, even from birds seem to be able to scent a person as if they pass down wind of a hide they invariably give their alarm whistle. Numbers of them go up scrubby gullies in different parts of the grasslands, but invariably stick to cover, if there is running or swampy water in the valley but I have never seen, nor have the natives, one in a dry gully. They are fairly numerous all along the Williams River except in its upper reaches in the N.W. mountains where its margins are tall forest trees. It seems to prefer the swampy grasslands. It does considerable damage to native gardens as elsewhere throughout its range but is not a very serious pest to them as it is not in great enough numbers. It is especially bad on Taro, cats, sugar cane + bananas in their gardens but only where these are near water. Unlike Porph. elsewhere in its range in this group (Malakula, Sauto, Bog Harbour, etc.) this bird does not seem to range far from water or swamps + prefers swamps above all.

The image shows two facing pages of a ledger, numbered 148 and 149. Each page is ruled with a grid of horizontal blue lines and vertical red lines. A prominent vertical blue line runs down the center of each page, dividing the grid into two main columns. The pages are otherwise blank, with no text or data entries.

IRIS light brown (hazel)
BILL upper M. black, brownish black base
lower M. white horn
LEGS & FEET very pale slate (whitish tinge).

ZOSTEROPS LATERALIS VATENSIS ()

SK & ROUT No	SEX	SHOOTING DATA	CON.	TOTAL BODY LTH	WING	TAIL	BILL	TR.	MOULT	ABR.	STOMACH
R419	♂	27/11/36 11:30 AM. sun odd scrubby rain. In hardwood tree soft open grassland 800' alt. (near road) Grassland plain with scattered hardwood trees interspersed by scrubby gullies. North side of Bay, West Erromanga.	O.T. 1- 4 503	142	63	51	G. 19 C. 20 (P) ERROR.	20.8	Lower back M rump ⊖ vent belly ⊖ flanks ⊖.	W/T N.	2 large + caterpillars, insects.
SK 212 R440	♂	4/5/36 10 AM sun, 900' alt. in small hardwood scrub in open grassland. On open grassland plains with clumps hardwood & scrubby gullies in places. North side of Bay. West side of ERROMANGA Is.	TOT 3- 4 O.T. 703	133 24. 35.	68	52.	G. 18 C. 13.	18.	W. R. 4 ^F	W/T S.	⊘ empty intestines.
SK 250 R484	♂	1/6/36 fine sun, steep slope 4:30 AM. open grassland 800' alt. open grassland few scattered trees, few scrubby gullies. North side of Bay. ERROMANGA Is.	1- 4	135 34.	67	51	G. 18.5 C. 13.	19.	back M crown ⊖ forehead ⊖. flanks breast ⊖ neck ⊖.	W/T S.	1/2 insects seeds.
1937											
SK 442	♀	5/3/37 sun showers, 10 AM in open scrubby area gully 800' alt. Open grassland plains with numerous clumps scrub & scrubby gullies. North side of Bay. ERROMANGA Is.	1/4	135 39.	65	52.			back nape ⊖	W/T N	1/2 seeds.
SK 443	♂	5/3/37 sun showers 11 AM. In hardwood tree in semi open grassland scrub. 800' alt. Open grassland plains with numerous clumps scrub & scrubby gullies. North side of Bay. ERROMANGA Is.	1- 4	145 40	70	53			nape ⊖	W/T S.	3/4 grubs + hardwood seeds.
SK 444	♀	AD. Ditto above (SK 443) same time & place.	1+ OV M.E. 40	141. 40	65	50			W. inc. covs. ⊖ (few) TL: L. 6.	W.M. T.C.	1/2 caterpillars seeds.
SK 450	♀	8/3/37 showery overcast. 7:50 AM. In open grassland few scattered scattered trees, good distance from any clumps of scrub. 400-500' alt. Open grassland plains few clumps scrub & few scrubby gullies. North side of Bay. ERROMANGA Is.	2 FE 42	145	66	52.			NIL.	W/T C.	1/2 1 scorpion 1 caterpillar few seeds.

ADDITIONAL DATA
very yellow under tail covs, greenish back.

SKULL.
compressed.
L. Test. black.

SKULL.
head badly
damaged but
believe not lost.

SKULL.
not ossified.

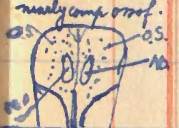
SKULL.
Testis somewhat damaged. SKL comp. ossified.
Open patches grass with scattered hardwoods
about every 20-30 yds but extensive
scrub near by in gullies.

SKULL.
comp. ossif.

SKULL.
nearly comp. ossif.

REMARKS
Very common in area, especially in the open grasslands with a few
low hardwood trees & shrubs scattered about at fair distances also in
margins of scrubby gullies etc. Is quite different from the Janna +
Aruman birds. Probably vatensis.

1937
ERROMANGA. 5th MARCH 1937.
Note SK 442. This bird was attracted by the call which attracts
Petroica, Chrysolinna, Myzagra, (a purring like squeak) which previously
I had not. Always ignored, but later in the day I found I could call
any number of them by this call. Last year I ignored it. It
was later in the year than I could possibly be that the breeding
season makes them susceptible to this call. But just flew
which breeds more or less all the year takes a passing interest
& sometimes comes & sometimes ignores it. Just lat. Has a
more definite peak breeding season but odd ones breed off
& on most of the year.



ERROMANGA. ad ♂ Iris reddish dark brown. Bill black. Legs & claws black. Tarsus black. Feet dark blackish slate under toe pads whitish. Claws dark brown.

PACHYCEPHALA

PEC. CHLORURA.

LOCAL NATIVE NAME: ERROMANGA: Dillons Bay dialect WAVINOKI Southern Dialect. WAHVINOKKI

Table with columns: SK & ROUT. NO., SEX, SHOOTING DATA, GON., TOTAL BODY WT., W., TL., BILL, TRS. MTG., MOULT, ABR., STOMACH. Rows include SK 207, SK 215, SK 236, SK 240, SK 255, SK 256, R494, SK 259, SK 260, SK 278, SK 279, SK 283, SK 284, SK 312, SK 314.

ADDITIONAL DATA. Remarks. ERROMANGA. 18/5/36. Does not seem very common anywhere. I failed to find it where I expected to in Williams River valley tall timber. With later work the tall timber along the sea cliff faces...

SK & ROUT. SEX SHOOTING DATA. COND. TOTAL BODY W TL BILL TR MTC. MOULT. ASR STOMACH

1937

Table with columns: SK & ROUT, SEX, SHOOTING DATA, COND., TOTAL BODY, W, TL, BILL, TR, MTC., MOULT., ASR, STOMACH. Contains 15 rows of bird specimen data.

SKULL ADDITIONAL DATA

Table with columns: SKULL, ADDITIONAL DATA. Contains 15 rows of skull and additional specimen data.

NOTES & REMARKS.

2/3/37. ERROMANGA. Pachy. in very common all along the tall forest on these cliff face to within a few feet of the sea... I notice this year Pachy. is about 5 times more common than last year.

IRIS brownish inner ring, greyish outer.
BILL black.
LEGS & FEET blackish slate.

LICHMERA INCANA FLAVOTINCTA (GRAY)

SK & ROUT. No.	SEX	SHOOTING DATA	GON	TOTAL BODY LTH	W	TL	BILL	T.R. MTC.	MOULT	ABR	STOMACH
SK 224 R.453.	♂	14/5/36 Sun + showers, 1-3 PM. In coconuts near mouth of Williams River, at sea level. ERROMANGA, I.S.	1+	175 38. 41.5	79	70.	G.26. C.20	21.5.	NIL.	W:N T:VS	1/4 minute insects.
SK 225 R.454	♂	ditto above.	1+ U.T. 10+	170. 43.	78	67	G.26. C.21.	22.	neck O. crown O.	W:N T:VS.	1/4 minute insects.
SK 226 R.455	♂	ditto above.	1+ U.T. 10+	175 42.	79	69	G.26.2 C.21.	22	TL: O	W/T N.	1/2 minute insects.
SK 234 R.465	♂	18/5/36. Fine sun + cloud. 6-11 AM. In coconuts at mouth of Williams River at sea level. Williams Bay, Errromanga I.S.	3+ 4+ U.T. 10+	79 39.	70.	G O C O	20.2.	NIL.	W/T N.	1/4 minute insects.	
SK 235 R.466	♂	ditto above.	3+ 4+ U.T. 10+	172 42.5	77	69	G.26 C.20.5	21.	NIL.	W/T V:VS.	1/4 minute insects.
SK 257 R.492	♂	7/6/36. Dull cloudy, showers sun. 4:30 PM. Shot high in tree 40 ft in tall forest on slope in gully (falling steeply to sea level). Tall forest, some undergrowth, fairly open ground. at mouth of Williams Bay ERRROMANGA I.S.	1- U.T. 10+	165 38.5	75	67.	G.25 C.19.	22.	W:R. 7 covs O. TL: R. 6 covs O. rump back M neck crown O. flank belly breast M mark chin O.	W/T F.	?
SK 272 R.510	♀	11/6/36. Sun + cold after rain. 2 PM. in isolated tree in open grassland, 100 yds from fringing gully. Other grass land (at least 500 yds). ditto except for opening gully about 2 miles E of Williams Bay. ERRROMANGA I.S. NW	1/2+ O.E.	146. 34	69	60	G.23. C.19	18.	TL: L. 1. covs O. upper back M neck crown O. all under O X chin. (unusually neck to tail).	W/T V.S.	1/4 insects.
SK 273 R.511	♂	ditto above same place for minutes later. 2-10 PM.		170 35	78	68	G.26+ C.20.2+	20.	rump O.	W/T S.	?

SKULL. ADDITIONAL DATA.

SKULL.	ADDITIONAL DATA.
comp. oss of.	legs damaged. test. encl. 6x4.8 mm. white.
? comp. oss of. O.	somewhat shot damaged. (L. Test. 7x5.2 mm. uneven test. R.T. encl. 5.8x4 mm.)
comp. oss of.	test. encl. 6x4.8 mm. legs damaged.
comp. oss of. (P. blood stained)	Bill shot damaged. (L. T. 5.8x3 mm. uneven test. R.T. 7.2x5 mm.)
comp. oss of. encl.	head damaged. (L. T. 7x5 mm. uneven test. R.T. 5.5x5 mm.)
comp. oss of.	L. test. 7x5.8 mm. white. R. test. 5.5x4.5 mm.
comp. oss of.	see Remarks + notes under this date. gape soft, yellowish. ovoid enlarged.
comp. oss of.	Shot right out in open about a few coconuts in a gully about 200 yds away. Probably male of R. 510. but I closely marked this isolated tree + found no nest. Possibly I have the nest in coconuts. see my notes on Malakula. (Fluxusson)

REMARKS & NOTES.

ERRROMANGA, I.S. 6/5/36
I saw + heard a pair of Lichmera feeding on oranges. Fruit
ripe, no doubt attracts insects + I will also feed on orange juice also,
especially in holes made by goats.
14/5/36. Williams Bay R. 453-5. All these were obtained
in coconut trees around old mission station where they
are very common. Boys call them the bird that
cleans the coconut. This is very true as it is
only found near patches of coconuts which are few
+ far between in this part of Errromanga. The
biggest clump of palms being in this river valley makes
Lichmera common all up the river for 1 1/2 miles
where native gardens end + beyond that there are
no Lichmera. Even a single coconut in places
where they are few seems sometimes to attract them.
7/6/36.
When wandering along these steep cliff faces + hearing
Lichmera call, I thought I had found it well away from
any coconut palms as to the best of my knowledge the
nearest palms were about 1 mile away, but after shooting the
bird I saw a solitary palm within 50 yds of me + later
discovered several more isolated ones + towards
the foot of the cliffs they were quite numerous + the air
line from them to where SK 257 was taken would not
have been much more than 300 yds.

ERROMANGA Is.

IRIS dark brown.

BILL black, central ridges side patches. Light blue horn sides towards tip upper. Lower M black horn base lighter bluish horn tip.

LEGS & FEET. Lead.

CLAWS light bluish horn with tips.

SK & ROUTE	SEX	SHOOTING DATA	GON & BODY	TOTAL W. TL.	BILL	T.R.	MOULT.	ABR	STOMACH
SK 241. R 472.	♂	22/5/36. Bull cloudy fine after night rain. 10 AM in low river scrub, along bank of river. 1000 ASL. Near Port Karian. Southern Bay of Erromanga.	1+ O.T.	195 45.	95 78	G.30 C.22.	23.	NIL.	W/T N. 1/2 black cricket.
SK 269 R 507	♂	18/6/36. Sunny, few stiff rain. 9.30 AM. in tall rain forest. 1800 ASL. western slopes of N.W. central mountains of NE. of Longbottom Bay. ERROMANGA Is.	1 2	195 56	92 75	G.30 C.22	25 MTC. 19.	NIL.	W/T VS. 1/2 cicada.
SK 276 R 514	♂	12/6/36. Fine sun. 10 AM. in tall forest near a spring. 1000 ASL. On plateau inland above Longbottom river. E of ENE of Bunhel Bay. SW. side of ERROMANGA Is.	1/2+	186. 46.	90 75	G.30 C.22	23.5 ?	?	W/T S. 3/4 insects
SK 478	♂	9/4/38. Fine cloudy sun, muggy. 10.30 AM. tall forest. 1100 ASL. in part of saddle towards center of island. southern slopes of NW. mountains. NE of Belland Bay. ERROMANGA Is.	3 1+ flabby	198. 53.	93 78		NIL		W/T N. 3/4 insects beetles. gubs? cricket? cicada?

LOCAL NATIVE NAMES.

ERROMANGA. Bellona Bay & northern dialect IAHFEL-IAHFELL. Southern dialect (south river SW). WASSERP. (WASS-GE?) (or WAHFEL-WAHFEL?).

SKULL	ADDITIONAL DATA	REMARKS & NOTES.
comp. orof.		ERROMANGA Is. 22/5/36. Clytor. is fairly common in Port Karian area according to boys but it was not common when I was there. I shot 2 pairs but heard one other. It was fairly wild & hard to spot in dense scrub where I saw it. Cattle had not cleared out the underbrush much at this particular spot.
comp. orofid.	opaque test. dark grey & flabby 12.5 x 7 mm.	8/6/36. Fairly common in these hills along this face but seem to move about a good deal as natives say it comes & goes. See notes in Tweed's for description of type of territory under above date (11/6/36)
comp. orofid.	Bills feet darker than usual.	
comp. orof.	See notes on type of country at another date 12/6/36. Tall forest & a good deal of dense underbrush in places with semi dense. On slopes which lead to NW. mountains from central saddle hills. or to the most northern of the southern or central mts. peaks	

The image shows two facing pages of a ledger book, numbered 164 and 165. Both pages are ruled with horizontal blue lines and vertical red lines to form columns. Each page has a wide left margin, followed by a narrow column, a wide central column, and a narrow right column. A vertical blue line runs down the center of each page, separating the two columns. The pages are otherwise blank.

SK & ROUT. No	SEX	SHOOTING DATA	Gen.	TOTAL BODY	W	Tl	BILL	TAR METL.	MOULT	ABR.	STOMACH
SK 251 R485	♂ AD	3/6/36. shot 8:20 AM. in open in gully near swamp 600' ASL. Open grassland plateau + open type scrub. North Dillons Bay ERROMANGA.	1/4+	159 41.	77	67	G 19.5 C. 13.8 WBN. 8.	17.	NIL	W/T N.	1/2 minute insects.
SK 270 R508	♂ SWB. AD.	11/6/36. Sun. few shifts rain. 2:30 PM. in gully, over to an open grassland plateau. 800' ASL. Open grass plateau few gullies + few shrubs, scrub. near gully. North Dillons Bay ERROMANGA.	0 0+	155 33	71	64.	G 22.5 C. 13.5 WBN. 8.	18.8.	NIL.	W/T N.	1/2 insects.
VARIANT SK 277 R515	♂	12/6/36. Sun. 7 AM. in tall lowland bush margin. forest conifers. 800' ASL. near plateau edge. above gully. low shrubs, outside of Dillons Bay. SW side of ERROMANGA.	0 0+ 0+	161. 34.	78	66	G 23? C. 12.5.	?	NIL	W/T N.	1/2 insects better (ants?)
SK 303 R543	♀	24/6/36. Sun. cloud + showers. in scrubby gully grassland plateau 800' ASL. Open grass land plateau, numerous scrubby bushes, scrub + scrubby gullies. North Dillons Bay ERROMANGA.	1/2 2 T.R.O. 1/2+	150 32	72	65	G 21 C. 12 WBN. 8.	17.	NIL. W.R.O.	W/T N.	1/2 insects better.
SK 304 R544	♀	ditto above 10 AM. 600' ASL.	1/2-	160 33	74	65	G 22 C. 13.5 WBN. 8.5	18.5	NIL. W: O. TL: O.	W/T N	1/2 insects.
SK 305 R544	♂ AD.	ditto SK 303. poss. mated.	1/4+	154 32	75	64.	G 21. C. 13.2 WBN. 8.	18.	NIL.	W/T N.	3/4 insects.

SKULL	ADDITIONAL DATA	NOTES & REMARKS
comp. ossif.	adult B+W plumage. Open type scrub which has come after frequent burning of grassland scrub shrubs on lowland areas.	12/6/36 ERROMANGA. A decidial variant or a different species unless Myagra has a dimorphic fresh like Demigrette. Stairs claims it is frequent enough to be common. Strange if true it doesn't appear on Tanna in this fresh form. Possibly a new sub-spec. but not much measurement difference. Again in normal state a slight disarrangement of belly feathers shows the black under feathers so this may be a fresh caused by some local food shortage or absence causing loss of white pigment in the feathers. The local natives have a separate name for this particular type which they call RUHVIAL.
large patches not ossified.	juv. plumage ♂. Very open type of country, with long stretches of grassland between clumps of scrub or scrubby gullies. Clavata village is about 2 miles inland eastward of Cape Dillons Bay.	
comp. ossif?	Bill dark brown. Tarsus black. Bluish black under M. dark red line on tip. Egg feet claws black. Tarsus with black spot over 2/3 of it. See Remarks this date.	
comp. ossif.		(trace of right ovary?)
comp. ossif.		female ♀ R543.
comp. ossif.		This is more than probably mated with SK 303.

The page features a grid of horizontal blue lines and vertical red lines. A prominent vertical blue line is positioned approximately one-third of the way across the page. The top-left corner contains faint, illegible blue ink scribbles.

The page features a grid of horizontal blue lines and vertical red lines. A prominent vertical blue line is positioned approximately one-third of the way across the page. The rest of the page is blank.

Wings dark brown.

Bill black.

Legs feet. dark flesh, outer toes blackish.

COLLOCALIA VANIKORENSIS VANIKORENSIS

SK & ROUT. No	SEX	SHOOTING DATA	GON	TOTAL BODY L.	W.	TL	BILL	TTC	MOULT.	ABR	STOMACH	SKULL	ADDITIONAL DATA	NOTES & REMARKS.
SK 252 R486	♀	4/6/36. Shot 5 PM. over cloudy low flying over open grasslands. 8:00 AM. Open grasslands with some scrubby gullies. North Dillon Bay ERROMANGA Is.	1 4	118 32.	119	54	G 13. C. 4-5.	8-8.	NIL.	w/t N.	1 small black winged insects with red head.	2 large patches not ossified.		4/6/36. ERROMANGA Is. Coll. var. is very common, hawks at greater height than C. esculenta. (at least 3 types present on Erromanga). Does not hawk below tree level generally, but goes low along ground out in open grassland.
SK 267 H508	♂	8/6/36. Cloud, sun & showers. 6:30 AM. Hawking over open grasslands & patches open grassland. 8:00 AM. Open grassland plain with patches scrub & some gullies. North Dillon Bay ERROMANGA Is.	1 4+	120 29.	123	45	G 0 C 0	10.	T.L.R.I.	w/t S.	1 + minute winged insects + beetles (brown bull heads).	2 large patches not ossified.	Was a flying tick parasite put in spirit bag WA 187. see notes under this date.	8/6/36. natives said they had only one name for all the Collocalia but a different name for the white. An old old man whose sight was not too good gave me the name IARWHORU for this specimen of C. var. when shown it but seemed diffidently uncertain.

The image shows two facing pages of a ledger, numbered 172 and 173. Each page is ruled with a grid of blue horizontal lines and red vertical lines. The grid is empty. The pages are cream-colored and show signs of age. The binding is visible on the left edge of page 172.

ERROMANGA Is.

Iris lemon yellow, bare skin around eye greenish yellow. Bill black, under by brownish horn. Legs dull pale green, toes yellowish green, claws dark greyish horn.

DEMIGRETTA SACRA.

SK & ROUT. No.	SEX	SHOOTING DATA	GON.	TOTAL & BODY LNH.	W.	TL	BILL	TRG MTC.	MOULT.	ABR.	STOMACH.
SK 254 R. 488	♀	5/6/36. dawn. newns. 9 AM. 1 1/2 miles up Williams River, 100' ASL. open rocky led with scrubby bushes. Dillons Bay. ERROMANGA.	1/2	650. 162	295	101.	G. 110 C. 85.2.	79 MTC. 68.	NIL.	W/T V.S.	1/4 white part.
SK 274 R 512	♀	12/6/36. Sun sun. 9 AM. near mouth of Williams River ASL. in tidal area. Dillons Bay. WHITE. ERROMANGA Is.	1/2	630 156.	300	104.	G. 110 C. 89.	85. 75	W.R. 1, 3, 4, 12, 15, 16. 2 rows. L. 1, 3, 4, 12, 13, 15, 17. 2 rows. back nape crown M. all under 2. N. in M.	W/T N.	1/4 about 30 small lung fish, jumpers, with breadth in tail.
R 520	♂	15/6/36. Dull sunny. 8 AM. at low level near mouth of Williams River. (tidal) Dillons Bay. ERROMANGA.	0+	707 O.T. 77	315	107.	G. 119 C. 94.	91 74.	NIL. W.L. ⊙.	W:N T:V.S.	1/4 white part

ERROMANGA Is. Dillons Bay dialect. (2) NINGAHAKK, NIMPAN.

SKULL.	ADDITIONAL DATA.
2 patches not ossif.	
comp ossif but no spots.	Iris lemon yellow, bare skin yellowish tinge. Bill black, horn tipped yellowish horn, gape yellowish. Legs feet pale yellowish green. WHITE SPECIMEN. diam largest ovule 3.2 mm. oviduct enl. Specimen very fat. very badly shot damaged. Very black bill, rusty tinge on back. Both feet jet black.
2 patches not ossif.	

NOTES & REMARKS.

ERROMANGA Is.
14/5/36. Saw 5 blue Demigretta on Williams River.
18/5/36. Saw 1 blue Demigretta at mouth Williams River.
5/6/36. Demigretta is very common all along the coralline shelves at the foot of the cliff on the W. side of the island, & up the rivers, appears in swamps well inland occasionally.
White & blues would not be of a ratio of more than about 1 to 40 or 50. I think by observation so far.
12/6/36. Boys declare whites go about 1 to 20 of blues, this is the first white I have seen in over 30 seen along coast & rivers. Possibly boys are right about 1 to 20 but I think 1 to 50 would be nearer the mark, as one white strikes them as outstanding & they forget all the blues they see.

The image shows two facing pages of a ledger, numbered 176 and 177. Both pages are ruled with horizontal blue lines and vertical red lines to form columns. A vertical blue line is drawn on each page, approximately one-third of the way from the left edge. The pages are otherwise blank, with no handwriting or printed text.

SK & ROUT. NO	SEX	SHOOTING DATA	COND. GON.	TOTALS BODYLEN	W.	T.L.	BILL	TR. MTC.	MOULT	ABR.	STOMACH.
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SKULL.

ADDITIONAL DATA.

REMARKS & NOTES.

This image shows two facing pages of a ledger, numbered 180 and 181. Each page is ruled with a grid of horizontal blue lines and vertical red lines. A prominent vertical blue line runs down the center of each page, dividing the grid into two main columns. The grid is otherwise empty, with no text or numbers written on the pages.

SK & ROUT. No	SEX	SHOOTING DATA	COND GON	TOT B BODY	W	TL	BILL	TR MTC	MOULT.	ABB	STOMACH
SK. 301 R540	♀	24/9/56. Sun, cloud & showers. 600/ASL. 14 PM. in scrubby gullies, near edge of plateau falling steeply to sea & clothed with tall forest open by underbrush. QSE Open grass land plateau with numerous patches & clumps hardwood scrub & many scrubby gullies, principally <i>Indimosa</i> scrub North Dillon Bay. ERRONGA.	1/2	-	155	69	78	G.13. C.8	18.8 NIL.	W/T N.	1/2 minute winged insects
SK. 302 R541	♀		1/2+		150	71	80	G.13.5 C.8.	18. W.R. Ⓞ head Ⓞ.	W/T N.	3/4 flying insects.

SKULL ADDITIONAL DATA. REMARKS & NOTES.

comp orzof.

ovoiduct slightly enlarged.

Ⓞ.

This specimen was shot further up in the same series of gullies 600/ASL, but identical scrub, though not near plateau edge.

The image shows two facing pages of a ledger, numbered 184 and 185. Both pages are ruled with horizontal blue lines and vertical red lines, creating a grid for accounting or record-keeping. Each page features a prominent vertical blue line that divides the page into two main sections. Within each of these sections, there are several narrower vertical red lines, creating multiple columns of varying widths. The pages are otherwise blank, with no text or numbers written on them.

SK & ROUT. NO.	SEX	SHOOTING DATA	COND. GON.	TOT. B. BODY	W.	TL	BILL	T.R. MTC	MOULT.	ABR.	STOMACH	SKULL	ADDITIONAL DATA	NOTES & REMARKS	
SX 313 R.555	♂	3/7/36. fine sunny, 6-12 AM. in flowering shrub on margin of N.W. mt. ENE of Kijit Bay. ERROMANGA Is.	♀ O JUV.	132. 29	69	44			W: covs second M. TL: all. all upper 2 x back M. all under M	W/T N	4 units, soft green spines	no ossific at all		gape soft yellowish, under dark not whitish as in slightly older birds	

The image shows two facing pages of a ledger, numbered 188 and 189. Both pages are ruled with horizontal blue lines and vertical red lines, creating a grid for accounting or record-keeping. Each page features a prominent vertical blue line that divides the page into two main sections. The left section is further subdivided by several vertical red lines, and the right section is also subdivided by several vertical red lines. The pages are otherwise blank, with no text or numbers written on them.

SK & ROUT.	SEX	SHOOTING DATA	CON GON	TOTAL BODY	W	TL	BILL	T.R. MTC	MOULT.	ABR	STOMACH	SKULL	ADDITIONAL DATA	NOTES & REMARKS
SK 445	♀	5/9/37. sun shows. 9:30 AM. in numerous scrub in gully. 800' ASL. Open grassy scrub plateau with numerous clumps of + scrub + scrubby gullies. esp. Billon Bay. ERROMANGA.	1	115 33	61	40			W: cov. 2. TL: R. 2-4, cov. 11. rump, back crown of nape all under 29 x belly 2.	W/T N.	1/2 insects.	? comp. orof. but appears thin.	Transition plumage, slight red on breast only.	ERROMANGA. 5TH MARCH, 1937. Note R. nos. + SK 446 + 7. Again family party of four. I take it SK 446 is male parent + R. is the female parent, or is it a case of 2 males to one female + 1 juv. as skulls show. They happened to be in rather an isolated clump + knowing the pugnacity of Pet. I watched but saw no sign of discord between the males, in fact I thought it was a case of 2 mated pairs. I don't think Pet. would stand for 2 males to a female as they are too pugnacious. I don't think they are polyandrous as I have not seen any definite cases like this. It is possible it is a juv. from a previous brood, or more likely an outside male introduced during the non breeding season.
SK 446	♂ AD.	Ditto above but. 8 AM. + 900' ASL. shot with R. + SK 447.	1/2 - white.	115 33	63	43		NIL.		W/T N.	1/2 caterpillar insects.	comp. orof.	see notes this date.	
SK 447	♂ AD.	Ditto above. 8 AM + 900' ASL. shot with R. + SK 446.	1/4 + white.	119 31	65	44.		breast 2		W: N T: VS.	1/2 insects.	comp. orof.	see notes this date.	

ERROMANGA.

iris brown.
bill black.
legs dull greyish flesh.
toes blackish claws black.
generally darkening towards extremities
x hind toe.

SK & ROUT. NO.	SEX	SHOOTING DATA	COND. GON.	TOTAL BODY	W	Tl	BILL	TR.	MOULT	ABR.	STOMACH
SK 456	♂	27/3/37 fine sunny shot 2 PM. Hawking very high over open grassland. Hardwood trees. 800 ASL. Open grass land plateau for 200 yds. mostly gullies North Billons Bay. ERROMANGA.	1/2	111.	117	51.			W: R. 3, 4, 13 } sec. covs M. L. 3, 4, 13 } TL: covs. M. rump back crown c.	W/T. S.	3/4 minute insects.
SK 459	♂	29/3/37 fine sunny. 12 PM. Hawking over open grassland. 800 ASL. near edge plateau + some cliffs falling steeply to sea. covered with tall forest mostly. North Billons Bay ERROMANGA. Is.	2	105	109	48.			rump back c. belly breast skin c. few.	W/T. V.V.S.	1/2 insects
SK 473	♂	8/4/37. Sun + sea. 8 A.M. Hawking very high over open grassland + some hardwood trees. 800 ASL. Open grass land plateau + some hardwood trees + some gullies North Billons Bay. ERROMANGA. Is.	1/2	110.	109	49			W: R. 1, 2 } sec. covs c. L. ditto } covs. c. TL: R. 1. covs c. all upper c. x crown c. few feathers all under c.	W/T. mix. av. S.	1/2 minute insects.
SK 474	♀	ditto above. 5 PM. after rain.	1/2	112	116	48.			W: R. 1, 2 } sec. covs M. L. 2. } TL: covs. M. all upper c.	W/T. N.	1/2 minute insects.
SK 476	U.S.	9/4/37. Sun + cloud, close muggy. 4 PM. Hawking high over open type hardwood scrub + grassland. 10-15 ft scrub. 900 ASL. Open grassland plateau + some gullies North Billons Bay. ERROMANGA.		117.	117.	48.			W: R. 3. } sec. covs. M. L. 3, 4. } TL: covs c. all upper c. decreasing to head. all under c.	W/T. S.	3/4 insects.

SKULL.

ADDITIONAL DATA.

NOTES & REMARKS.

SKULL	ADDITIONAL DATA	NOTES & REMARKS
not examined	Hawking very high in company of <i>C. vanhorneusis</i> . see notes. this date.	ERROMANGA. 27/3/37. <i>C. spod. leuc.</i> is quite common in this area. I knew of its presence last year though it did not seem so numerous then, but I was rather confused about the Collocalia's as there appeared to me 4 species + I decided to leave them till I was able to give them a full run over.
not comp. ossif.	specimen very fat. legs dull blackish flesh increasing blackish to toes. Common in area probably nests in the numerous coral caves in these cliffs.	8/4/37. I notice <i>C. spod. leuc.</i> fans its tail a great deal in flight, <i>C. vanhorneusis</i> seldom does. <i>C. esul.</i> wing. very seldom does. I can definitely say there are 3 types of flight which enables one to roughly judge the different birds. <i>C. van.</i> does much soaring with still wings, <i>C. spod.</i> soars a lot + flutters a good deal + fans tail a great deal. <i>C. urog.</i> flutters a great deal, soars only short distances + seldom goes far in a straight line. There are numerous variations, but speaking generally these rules hold fairly well. There appears to be a fourth type of flight amongst them but it is so indistinct. see daily field notes.
partly ossif.	specimen very fat. tail shot damaged. no white on belly. see notes this date.	
2 pitches not ossif.	Gonads shot damaged. Parasite put in spirit. SP. tag NO. 46.	
just starting to ossif.		

The image shows two facing pages of a ledger, numbered 202 and 203. Each page is ruled with a grid of lines. A horizontal blue line runs across the top of each page, just below the page number. Below this, a vertical red line is positioned approximately one-tenth of the way from the left edge. Another vertical red line is positioned approximately one-tenth of the way from the right edge. Between these two red lines, a vertical blue line is drawn, dividing the central area into two columns. The remaining space on each page is filled with horizontal blue lines, creating a series of rows for data entry. The paper is aged and slightly yellowed.

A table with 13 columns and 25 rows. The columns are defined by vertical lines: a red line on the far left, a blue line as the second column boundary, a red line as the third, and three red lines forming the last four columns. The rest of the page is blank.

A table with 13 columns and 25 rows, identical in layout to page 206. It features a red left border, a blue second column boundary, a red third column boundary, and three red lines for the final four columns. There is a faint, illegible stamp in the upper left quadrant of the page.

The image shows two facing pages of a ledger, numbered 208 and 209. Each page is ruled with horizontal blue lines and vertical red lines, creating a grid for accounting or record-keeping. A vertical blue line is drawn down the center of each page, dividing the grid into two main columns. The pages are otherwise blank, with no text or numbers written on them.

The image shows two facing pages of a ledger, numbered 210 and 211. Both pages are ruled with a grid of horizontal and vertical lines. Each page features a prominent vertical blue line on the left side, creating a narrow margin. The rest of the page is divided into several vertical columns of varying widths by red lines. The grid is consistent across both pages, suggesting they are part of a continuous ledger. The paper is aged and slightly yellowed, and the pages are otherwise blank.

The image shows two facing pages of a ledger, numbered 212 and 213. Both pages are ruled with horizontal blue lines and vertical red lines, creating a grid for accounting or record-keeping. Each page features a double red vertical line on the left side, defining a narrow column. A single blue vertical line is positioned in the center of each page, and another double red vertical line is on the right side. The pages are otherwise blank, with no text or numbers written on them.

The image shows two facing pages of a ledger, numbered 214 and 215. Each page is ruled with horizontal blue lines and vertical red lines, creating a grid for accounting or record-keeping. The grid on each page is divided into several columns of varying widths. A prominent vertical blue line runs down the center of each page, separating the left and right halves of the grid. The paper is aged and slightly yellowed. The pages are otherwise blank, with no handwritten or printed text.

The image shows two facing pages of a ledger book, numbered 216 and 217. Both pages are ruled with horizontal blue lines and vertical red lines to create columns. A vertical blue line is positioned near the center of each page, acting as a primary divider. The pages are otherwise blank, with no text or data entries.

The image shows two facing pages of a ledger, numbered 218 and 219. Each page is ruled with a grid of horizontal blue lines and vertical red lines. A prominent vertical blue line runs down the center of each page, dividing the grid into two main columns. The pages are otherwise blank, with no text or data entries.

Cont from page 224.

22nd June 1936.

ERROMANGA.

22/6/36. *Hypotaenidia* is present here on Erromanga but does not seem to be at all common. It is generally found near swamps or along streams. Today I found one dead on a track across a swamp, cause of death unknown, but it seemed quite ordinary & identical with *Tanna* specimens. It was in too far a stage of decomposition to skin as abdomen feathers fell out on handling.

22/5/36. (cont.) *haurie pine*, + usual numerous soft wood. Undoubtedly some valuable timbers in these hills. At present only the sandal wood is worked sporadically by the natives. There are no villages in these hills. Bird life was far from prolific during my visit at least. Natives said it was generally more prolific but when a gun appeared the birds disappeared.

MAMAL:

21/5/36. Flying fox. Shot 30 ft up in a flowering Eucalypt tree (Cocoa mother), natives call it *Alaru* tree + time their gardening by it, and its own in broad daylight. 800' ASL. Open grassland plateau with clumps of scrub + numerous scrubby gullies. North Dillons Bay, Erromanga. Iris brown, nose black, feet black.

11/6/36.

Navola village lies about 2 miles air line E of Elybeth Bay, (N.W. Erromanga) on a more or less grass plateau with deep gullies, some with a good deal of scrub, some with little scrub, some with none at all, + in the open grassland are a few clumps of hardwood trees at wide intervals with odd single trees here & there. This type of country stretches some distance south to the North Dillons Bay area, to the west of the village to the sea (WNW). N + E is a bare bracken country few trees, (caustic, old hard wood *acacia*) most a bare red clay soil. East + north of this approx 2 mile strip of bracken country, the types change again, the eastern portion running into the foothills of the N.W. mountain chain.

The Erromangan race has almost died out (400 odd men women + infants at present date) but at one time the population must have been fairly dense. I believe their language has deteriorated like themselves + they are most uncertain of names of birds which they do not use every day, + have to hold arguments amongst themselves about them, many of the more uncommon birds only the old men (+ there are only a very few old men left) know their true name.

The following names we obtained from an old man at Navola village, + although they consider they speak the same language as Dillons Bay there are a number of variations so it might be advisable to call it Elybeth Bay Dialect, though at the present day it does not deserve that distinction in the old days I have no doubt from Navola north there was actually a difference, not great but distinct.

ELIZABETH BAY & N.W. ERROMANGA. Dialect names.

- Turdus* = WASSCEP.
- Elythyrhynchus* = IAFELL-IAFELL.
- Megomela* ♂ AD = WAHVEHU
- ♂ JUV = "
- Lichmera* ♀ = WAHLOVU
- Myiagra* ♂ AD = MENSAT.
- ♀ = MANAT.
- Cacomantis* = IFURAMUNKAN.
- Hypotaenidia* = IALEA.
- Porphyrio* = POLOU or NUMPOLOU (latter also Port Narivian dial)
- Eudynamis* = IALOVIE.
- Tyto* = NAMIET.
- Pachycephala* ♂ AD = WAHVIUNOKI
- Erythrura* ♂ = I SAVILEVUR, or SAVLIVUR or S-FUR.
- unknown bird at present = NAHYORUVOT. (as *Megapodidae*).
- Halcyon* = UHRI.
- Coracina* = UHVILAHRO.
- Elage* = IUVON.

See list for additional names.

ERROMANGA

12/6/36 JUNE 12th 1936.

Johnstone River which flows into Bunkel or Bunkil Bay is on the WSW or SW of Erromanga. It is about here + margins of the grass tablelands finish + tall forests start. These forests are of hardwoods, soft woods, *haurie pine* + sandal wood with a good deal of underbrush ferns etc. especially in the higher levels. It is terraced in submarine coral uplift stages as in Dillons Bay + all the west coast but the terraces are not so wide consequently high mountains are nearer the coast. The soil is coral uplift with the hills + peaks which which through it pure volcanic soil. It is easily eroded + much traversed by deep steep gullies, although actually a tableland traches crossing it do not give one that impression but in some places really extensive flats are found, one especially running for miles down towards the bluffs in the S.E. of the island. There are few if any wild cattle in this part, but wild pigs + dogs are very numerous, there are a number of wild goats. The vegetation is a great deal denser than in the Northern Mts. especially around 1500 + upwards. Almost all the peaks above 1000 are volcanic + very rich except where the red volcanic clay appears on the surface + poor hungry vegetation only grows on it. There are 2 small villages near Johnstone river (on the canyon like slopes above the river valley side) + another small settlement at South River.

MAMAL

(M2) ♂ + white flying fox. ♂ Iris light brown, nose black, claws black, very fat. Shot in tall forest, having in a box wood (soft wood) tree at 3 P.M. on coraline ledge 800' ASL. Johnstone river, Bunkil Bay, S.W. Erromanga.

TAG.

(SP. 188) (M3) us. Part in spirit tag 188 attached. Knocked down with branches at dusk on track near sea level, (near cliffs with many caves) Johnstone river, Bunkil Bay, S.W. Erromanga.

turn to page 223.

General Notes, as from 14/5/36. Working backwards page by page. Instead of separate book for such notes.

14th May 36. ERROMANGA, Is.

During walk to valley (sea level) + up river passing through 3 types of country. (1) Open grassland plateau with good deal of hardwood scrub 300' ASL slopes of valley covered with fairly dense bush of hardwood trees, soft wood trees (20-40 ft) + a great deal of mimosas scrub (10-20 ft + close growing) some cane grass + small scrub underbrush, (2) River valley scrub, tall trees, 60-100 ft, breadfruits, oranges, ect with a lot of ferns, grass ect underbrush + a lot of mimosas scrub as well, especially along the banks of river, a number of coconuts in this area, a few native gardens + a village. During day. I heard 2 *Erythrura*, saw many *Petroica*. Zost. (2 kinds) flav. being very common, lat. not at all common, *Elage* common, *Halcyon*, fairly numerous. *Myiagra*, not very common. a few *Pliphidura*. *Cacomantis* very common + calling much. *Lichmera*, only near coconuts. Falco, 1 + it appeared smallish. *Columba* + *Ducula* are very common in all types of country. Saw a few *Ptilinopus greyi*, + a number of *P. javanensis* in valley or foot slopes of valley only. *Megomela*, 2 or 3 only, not at all common. 3 kinds of swift are common in all 3 areas. *Hirundo* is common on the river only. *Demigretta*, 5, all blues, on river from tide to 4 miles inland. Also found an old this seasons *Coracina* nest, placed about 30 ft up in a hardwood tree on the water's edge, almost above the water, in a flat fork, nest of small twigs, vines, ect, bound with cobwebs + well decorated with lichen. Natives in these parts do not know *Lichmera*'s nest or nesting site. They call *Lichmera* the bird which cleans the coconut. It certainly is controlled by the coconut + is very rare away from coconuts but common wherever coconut palms are found. coconuts do not grow well on Erromanga (West side, Dillons Bay area) except in certain valleys ect. but the common red loam soil does not seem to suit them.

18/5/36. Saw 1 blue *Demigretta* at mouth of Williams River, Dillons Bay.

22/5/36. Took hurried 3 day trip into N.W. mountains but rain at night spoiled trip as I had no tent + only a rough bush shelter of a few branches. Left morning of 22nd + returned on 24th. Worked along southern face of Mts. to Port Narivian, + back. See Map of Erromanga in field notes summary. Saw *Columba*, *Ducula*, *Pachycephala* few, *Turdus*, *Elythyrhynchus*, *Myiagra*, few, *Megomela* common in flowering type of low scrub in foot hills above it higher up. *Lichmera*, few near coconuts, very scattered. Zost. flav., common, only few Zost. lat. in open country. *P. greyi*, few, *P. javanensis* few in foot hills, several hawks, all *Circus*, *Pliphidura* fairly common especially in valleys with running water (most valleys had because of rain). Boys say *Eudynamis* is common at Port Narivian but failed to see one. These hills have many wild cattle, wild pigs + wild dogs, which have wiped out *Megapodidae* which used to be common. These wild animals have cleaned out the underbrush + made the bush very open type of glades except on very steep slopes where a good deal of vegetation is found on the ground. The foot hills up to about 1000 ft are a low bush 20-30 ft with much open bracken fern country + bare red clay patches but from 1200 ft up the bush is very thick tall trees up to 60 ft + more in valleys. A lot of hardwoods, (very very hard name unknown) sandal wood

22/5/36.

(cont.) Kauri pine, + usual numerous soft wood. Undoubtedly some valuable timbers in these hills. At present only the sandal wood is worked sporadically by the natives. There are no villages in these hills. Bird life was far from prolific during my visit at least. Natives said it was generally more prolific but when a gun appeared the birds disappeared.

MAMAL. 21/5/36.

Flying fox. Shot 30ft up in a flowering Bretrina tree (Coccoloba), natives call it Alamu tree + time their gardening by it, see its own in broad daylight. 800' ASL. Open grassland plateau with clumps of scrub + numerous scrubby gullies. North Dellous Bay. Erromanga. Iris brown, nose black, feet black.

11/6/36.

Navola village lies about 2 miles air line E of Elizabeth Bay, (N.W. Erromanga), on a more or less grassy plateau with deep gullies, some with a good deal of scrub, some with little scrub, some with none at all, + in the open grassland are a few clumps of hardwood trees at wide intervals with odd single trees here & there. This type of country stretches some distance south to the North Dellous Bay area, + to the west of the village to the sea (WNW). N + E is a bare bracken country few trees, (causimias, odd hard wood acacia) most a bare red clay soil. East + north of this approx 2 mile strip of bracken country, the types change again, the eastern portion running into the foothills of the NW mountain chain.

The Erromangan race has almost died out (400 odd men women + infants at present date) but at one time the population must have been fairly dense. I believe their language has deteriorated like themselves + they are most uncertain of names of birds which they do not use every day + have to hold arguments amongst themselves about them, many of the more unambitious birds only the old men (+ there are only a very few old men left) know their true name.

The following names we obtained from an old man at Navola village, + although they consider they speak the same language as Dellous Bay there are a number of variations so it might be advisable to call it Elizabeth Bay Dialect, though at the present day it does not deserve that distinction in the old days I have no doubt from Navola north there was actually a difference, not great but distinct.

ELIZABETH BAY & N.W. ERROMANGA. Dialect names.

Table with 2 columns: English name and Dialect name. Includes entries for Turdus = WASSCEP, Elytorhynchus = IAFELL-IAFELL, Myzomela = WAHVEHU, etc.

See obj for additional name.

ERROMANGA

12/6/36 JUNE 12th 1936.

Johnstone River which flows into Bunkel or Bunkil Bay is on the WSW or SW of Erromanga. It is about here + margins of the grass tablelands finish + tall forests start. These forests are of hardwoods, soft woods, kauri pine + sandal wood with a good deal of underbrush ferns etc especially in the higher levels. It is bordered in submarine coral reef stages as in Dellous Bay + all the west coast but the terraces are not so wide consequently high mountains are nearer the coast. The soil is coral upst with the hills + peaks which stick through it pure volcanic soil. It is easily eroded + much traversed by deep steep gullies + although actually a tableland, tracks crossing it do not give one that impression but in some places really extensive flats are found, one especially running for miles down towards the bluffs in the S.E. of the island. There are few if any wild cattle in this part, but wild pigs + dogs are very numerous, there are a number of wild goats. The vegetation is a great deal denser than in the Northern Mts, especially around 1500 + upwards. Almost all the forest above 1000 is volcanic + very rich except where the red volcanic clay appears on the surface + poor hungry vegetation only grows on it. There are 2 small villages near Johnstone river (on the canyon like slopes above the valley side) + another small settlement at South River.

MAMAL

(M2) Skins white flying fox. ♂ Iris light brown, nose black, claws black, very fat. Shot in tall forest, having in a box wood (soft wood) tree at 3PM. on coralline ledge 800' ASL. Johnstone river, Bunkil Bay. S.W. Erromanga.

TAG.

(SP. 188) Partin spirit tag 188 attached. Knocked down with branches at dusk on track near sea level, (near cliffs with many caves) Johnstone river, Bunkil Bay, S.W. Erromanga.

turn to page 223.

General Notes, as from 14/5/36. Working backwards page by page. Instead of separate book for such notes.

14th May 36. ERROMANGA. Pt.

During walk to valley (sea level) + up river passing through 3 types of country. (1) Open grassland plateau with good deal of hardwood scrub. 800' ASL slopes of valley covered with fairly dense bush of hardwood trees, soft wood trees (20-40ft) + a great deal of mimosa scrub (10-20ft) + also growing some cane grass + small scrub underbrush, (2) River valley scrub, tall trees, 60-100ft, breadfruits, oranges, etc with a lot of ferns, grass etc underbrush + a lot of mimosa

as well, especially along the banks of river, a number of coconuts in this area, native gardens + a village. During day. I heard 2 Erythrura, saw many ca. Zoot. (2 kinds) flav. being very common, lat. not at all common, Lalage common, son, fairly numerous. Myzomela, not very common. a few Rhipidura. Cacomantis common + calling much. Lichmera only near coconuts. Falco, 1 + it appeared

ish. Columba + Ducula are very common in all types of country. Saw Ptilinopus greyi, + a number of P. javanensis in valley or foot slopes of valley only. mela, 2 or 3 only, not at all common. 3 kinds of swift are common in all 3. Hirundo is common on the river only. Demigretta, 5, all blues, on

from tide to 4 miles inland. Also found an old this seasons Coracina glauca about 30ft up in a hardwood tree on the water's edge, almost above the water, in fork, nest of small twigs, vines, etc, bound with cobwebs + well decorated with ... Natives in these parts do not know Lichmera's nest or nesting site. They call it the bird which cleans the coconut. It certainly is controlled by the coconut + rare away from coconuts but common wherever coconut palms are found.

It does not grow well on Erromanga (West side, Dellous Bay area) except in certain spots. but the common red loam soil does not seem to suit them.

1 blue Demigretta at mouth of Williams River, Dellous Bay.

undertook 3 day trip into N.W. mountains but rain at night spoiled trip as I had

only a rough bush shelter of a few branches. Left morning of 22nd + returned on 24th along southern face of Mts. to Port Navarin, + back. See Map of Erromanga in notes summary. Saw Columba, Ducula, Pachycephala few, Turdus, Elytorhynchus, 2, few, Myzomela common in flowering type of low scrub in foot hills above it higher up, etc, few near coconuts, very scattered. Zoot. flav., common, only few Zoot lat. in country. P. Greyi, few, P. javanensis few in foot hills, several hawks, all Accipiter, Rhipidura

very common especially in valleys with running water (most valleys had become of rain). Bays say Eudynamis is common at Port Navarin but failed to see one. These hills have many wild cattle, wild pigs + wild dogs, which have wiped out Megapodius which used to be common. These wild animals have cleaned out the underbrush + made the bush very open type of glades except on very steep slopes where a good deal of vegetation is found on the ground. The foot hills up to about 1000ft are a low bush 20-30ft with much open bracken fern country + bare red clay patches but from 1200ft up the bush is very thick tall trees up to 60ft + more in valleys. A lot of hardwood, (very very hard name unknown) sandal wood

Chalcophaps = NAGKEM. Ptilopus = UMPONDA. Myzomela = NOHU. Columba = LOTU. Ducula = NAKOLIWORK. NAGUEN. (Common after N.)

ULICARP MAR. ULICARP MISTIYONG. RAHGORU. NIMPEM. SOK WAWI. MELICUM. 3. Callacala. SOK WAWI. Falco.

See summary for details.

See under for
other names

Zost. Flav. = ULICARP MAR.
Zost. Lat = ULICARP MILIYONG.
Hirundo = RAHBORU.
3. Collacalia = NIMPEM.
Civius = SOKWAVI.
Falco. = MELICUM

Chalcophaps. = NAGKEM.
Ptilopus Greyi = UMPONDA.
SUBAD. " " = UMPONDAVARU } or NUM. cat.
Ptilopus Javanais = NOMU.
Macropygia = LOTU
Columba. V. lep. = NAKOLIWORK.
Ducula = NAQUEN. (Ground after N.).

Handwritten notes in blue ink, possibly a list or index, written vertically on the right side of the page.

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Faint, mostly illegible handwritten text in blue ink, possibly a list of names or items.

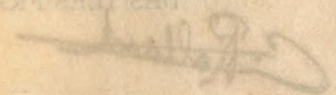
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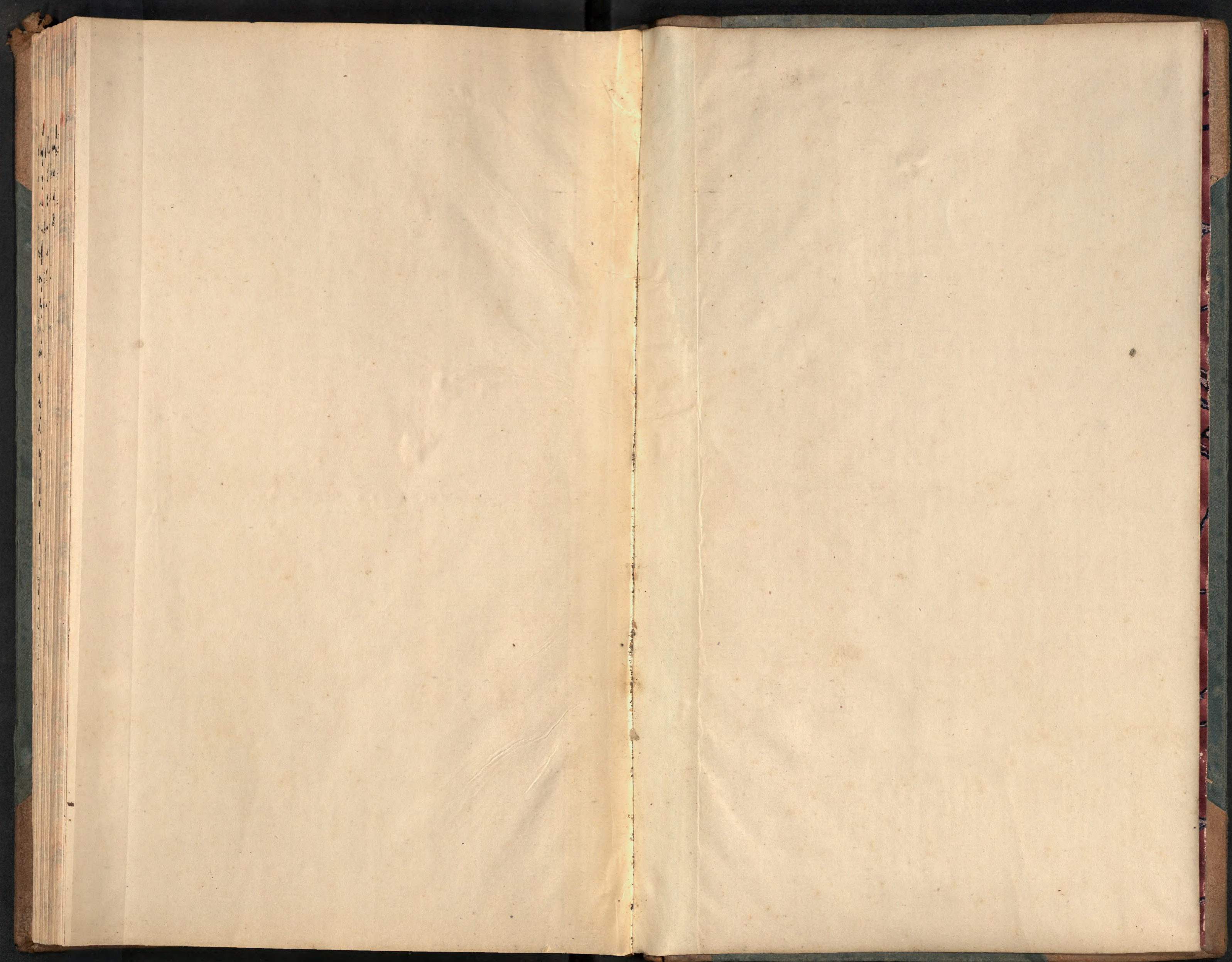
Recu de M: J. Har
la somme de Six

pour

Par le SOCIÉTÉ COM
DES DES PRAXI



Frs.



Société Commerciale Française des Iles Françaises
du Pacifique

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Fracs. _____

C. Rolland

Receveur

Timbre

Société d'assurance
de Paris

Mr. J. H. ...
Paris

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