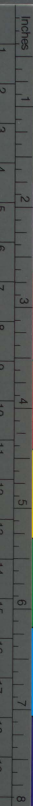
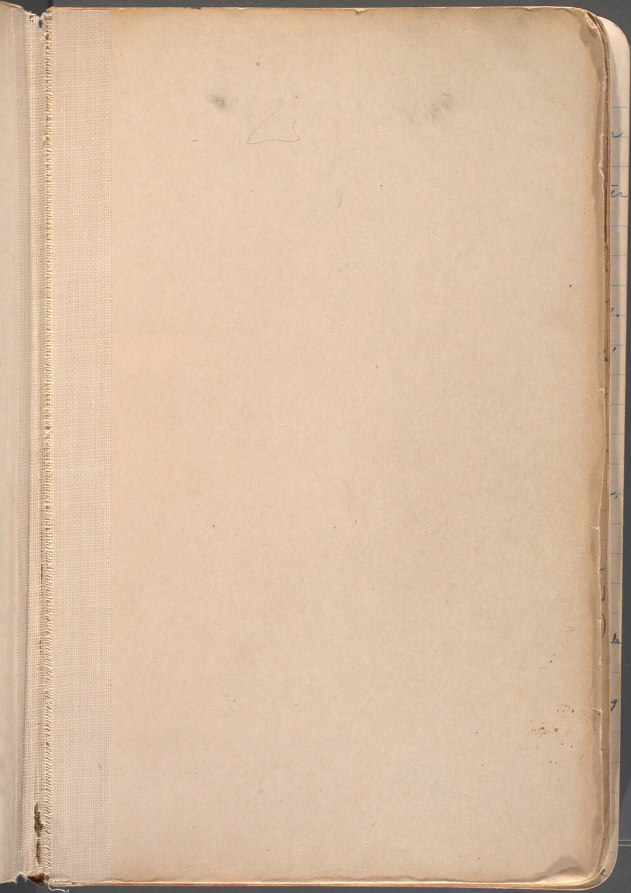


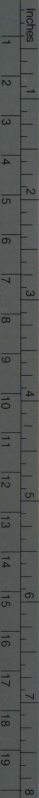
5896 -- 6242

BIRDS

BIRDS.







Panga
Sept. 12, 1914.

5896. *Sumb*
1892. *Stom*

chypa

in the

were

3 we

Beng

5897. *Podic*

brow

hill

and

feet

me

con

feet

5898. *Pod*

bro

gray

at a

feet

rem

of a

to

and

near

river

but

Panga

Sept. 12. 1914.

1160

5896. Sunbird. ♂. testes slightly enlarged.

5.5892.

Anthereptes aurantiorum

Stomach contents: 4 caterpillars & 2

chrysalids. Like no 5896, feeding in trees along river bank. No more were noticed on the Aruvimi, but 3 were seen on the Lindi, below Benamisa.

5897. Podica. ♂. im. Iris rather light greenish brown, rim of eyelids dusky brown, bill blackish, but underside of mandible and cutting edges of both jaws whitish, feet orange, dusky brown on back of metatarsi and about joints. Stomach contained remains of insects and a few bits of quartz.

5898. Podica. ♀. ovary slightly enlarged. Iris brownish-yellow, rim of eyelids brownish-gray; bill dusky-brown above, orange red at sides and whitish below (towards base) feet orange-red. Stomach contained remains of insects, including wings of a small dragon-fly.

These two "Sun Grebes", mother and young, were swimming near a low grassy part of the river bank. They did not dive, but made for the bank, The

young one was shot first as it reached shore, and the old one hid close to the water, and was scared out without difficulty.

Podica has a very tough skin, like a colly, but its feathers are more firmly attached. Of all the birds I know I believe honey guides have the strongest skin. Moreover this adheres ^{firmly} so to the flesh that it must be separated with a knife. On the otherhand, trogons have about the tenderest skin I know. Their feathers, too, are very weakly attached, but fortunately they are never (so far as I have seen) fat. Nightjars have nearly as tender a skin, and feathers that fall out easily, and are often fatty, *Macrodipteryx vexillarius*, for example, usually so. Cuckoos have a rather tender skin, pigeons' feathers, even the quills, are quickly lost,

Panga
Sept 13, 1900

5899, ^{Bate}

5900, ^{Bate}

5901, ^{Bate}

Common
feather
Borneo
Amami
not found
Borneo

5902

Panga

Sept. 13, 1914.

5899 ^{*E. atrilda melpoda*} ~~Red~~ checked Waxbill ♂. testes slightly enlarged. Iris brown, shading to light gray on inner rim; bill scarlet; feet rather dark grayish brown. Crop and stomach contained grass-seeds.

5900 ^{*E. atrilda melpoda*} Same as preceding. ♀. o. e. Iris brown, slightly reddish exteriorly; bill dull scarlet, feet rather dark grayish brown. Crop & stomach contained grass-seeds.

5901 ^{*E. atrilda melpoda*} Same as preceding. ♀. im. Crop and stomach contained grass-seeds.

This species was ^{first} seen yesterday, some distance above Panga, but is common here, feeding in small flocks on the tall grasses. The

Common
farther
down
Arumini
at Stanley
ville.
v Boma

^{*E. atrilda minor*} finely-barred species, so common at Avakubi, seems to be absent, nor have we seen the black-bellied

^{*E. atrilda atricapilla*} since leaving Avakubi. (1 of the black bellied species seen at Stanleyville, first week in Oct. 1914) See no. 5904.

So far as I am aware, Waxbills and "mannikins" make very little noise, only very weak or hisping notes being heard from them, and nothing in the way of a song.

5902 ^{*Ptilinopus tenebrarius*} Gray Flycatcher. ♂. testes slightly enlarged. Iris dark brown, bill black, feet dark bluish gray. Stomach contained 2 caterpillars.

Panga.

Sept. 13. 1914.

remains of insects.

5903. Mate of preceding. ♀. ovary slightly enlarged. Iris dark brown, bill black, feet dark bluish gray. This pair of flycatchers was found in a tree in the second growth back of the station at Panga.

5904. Bee Eater (*M. gularis*) ^{*australis*} ♂. t. m. e. Iris rather dark crimson, bill & feet black. (The related species with rufous back, was seen at Bombwa. Sept. 21.)

Sept. 14.

5905. ^{*Hyphantornis schlegelii*} ~~*Mytilus*~~ ♂. testes somewhat enlarged, skull not quite fully ossified. Stomach contents: rice.

5906. ^{*Hyphantornis schlegelii*} ♂. Same as preceding. ♂. testes somewhat enlarged. Skull not quite fully ossified. Iris dark brown, rim of eyelids pinkish, bill blackish at base, scarlet at tip and sides; feet light brownish. Crop and stomach contained rice.

5907. ^{*Hyphantornis schlegelii*} ♂. Same as preceding. ♀. ovary somewhat enlarged. Iris dark brown, rim of eyelids blackish; bill blackish at base, scarlet at tip and sides, feet rather light dull brownish. Stomach contained rice.

These waxbills are regular inhabitants of rice fields when the grain is ripening or being cut, but instead of clinging to the heads, they feed on the ground,

Panga

Sept 14. 1914.

evidently on fallen grains, keeping well concealed, and generally darting swiftly and silently, if flushed, into a neighboring thicket. Sometimes they will fly off and alight again in the rice, but are as a rule decidedly shy. The rice-harvest, in this region, lasts from August to January or February, for different fields may be planted at wide intervals. At other times of the year the birds seem to frequent the almost impenetrable thickets about old plantations and villages, but are only very rarely to be seen along paths.

Just at present they are paired, preparatory to nesting, but by February they form small flocks with their young.

Of course many other birds are fond of rice. Here we have noticed especially, engaged in this pillage, flocks of *Myphatomis* and *Spermestes* (of the latter 2 species, ^{the} larger one, and the dark backed) a few *Pyrenestes* and an occasional pair of partridges (*Francolinus oqueimatus*.) The waxbills of the genus *Estrilda* seem never to eat rice, their bills being probably too small.

Panga
Sept. 14. 1914.

Just as the natives of the Ulu are obliged to mount guard over their fields of durra-grain or "vundi", so those here need to chase the birds from their rice. A small shelter is often erected for a watcher on some commanding termite-hill, and long strips of bark, as cords, laid over the rice in different directions, being tied to any bushes or small banana trees there happen to be. The jerking of the ends of these cords, several of which may be knotted together where they intersect, serves to frighten ^{away} birds feeding in the grain.

5908. ^{*Atiophrys namthogaster*} Orange-throated Warbler ♀. o.e., an egg in oviduct. Stomach contained remains of insects and a caterpillar. Seems not to require virgin forest, for I have several times seen it in badly mutilated woods, in the disagreeable undergrowth that usually springs up under such conditions. Has a low protracted scolding note that I have found very difficult to distinguish from one of the calls of the smaller *Purdines*.

Panga

Sept. 14. 1914.

5909. ^{*Auriparus xanthopygus*} A greenish-bulbul with yellowish under-parts. ♂ im. testes slightly enlarged. Iris rather light brown, bill dull light brown, feet dark gray. Stomach contents: berries. It is strange that I never noticed this bulbul at Avakubi, tho several were seen at Panga, and along the Lindi near its mouth.

5910. ^{*Tricholaemus purpuratus*} Long-tailed Barbet. ♂ t. n. e. Stomach contents: berries and a snail. Iris carmine. Heard commonly along the Aruwimi, as is also *Tricholaema*, *Buccanodon* the red-rumped *Barbatula*, etc.

Sept. 15. ^{*Malimbus rubricollis centralis*} 5911. Black Weaver with scarlet crown & nape. ♂ testes slightly enlarged. Stomach contained 4 caterpillars and remains of insects.

5912. ^{*Hyphantornis schlegelii*} *Pytilia* ♂ t. e. Crop & stomach contained rice.

5913. " ♀ o. e. Stomach contained sand & ^{Eric}agram.

5914. " ♀ immature. ovary much enlarged, an egg in oviduct. Stomach contained sand and rice.

5915. Black Titmouse. ♂ t. e. Stomach ^{*Melanerpes formicivorus*} contained a green caterpillar. A number of these were feeding in tall trees about a rice-field, uttering single short whistles and

Panga

Sept 15, 1914.

5916. Shrike (^{montalis} *Sigmmodus*) ♂. t. e. Stomach contents: insects, mainly orthopterous.

5917. Same as preceding. ♀ im. S.C: insects.

Two flocks of about 6 each were met with on the borders of a clearing. They show great solicitude for a wounded member of the party.

Like most of the family, they have harsh notes in addition to their softly whistled call.

5918. ^{Bledius sp.} Bullbul. ♂ am. Stom. cont. pieces of a beetle & other softer insects. Iris gray, rim of eyelids yellowish-green, maxilla mainly dusky, mandible dirty greenish-gray, corners of mouth and edges of both jaws yellow; feet pale bluish-gray, claws pale yellowish.

Seems not to be a common species. Was sitting in a small tree in forest, raising its wings and giving a scolding note.

Sept. 16. ^{*Estrilda melanocephala*} 5919. ♂ Red-checked Waxbill. ♀. ovary slightly enlarged; skull not quite completely ossified. Crop contained grass-seeds.

5920. Gray Warbler, ^{*Parus cinereus*} ♂. testes slightly enlarged. Iris grayish-brown, maxilla black, mandible dull gray, feet light blue.

Panga
Sept 16

Stomach

Contents

5921. Bullbul

dark

dusky

blue

green

Stomach

an

Sept 17, 1914

5922. Bullbul

contents

dark

red

black

blue

black

black

black

black

black

black

black

black

black

black

black

black

Panga

Sept 16. 1914.

Stomach contents: insect remains.

Found in old, fairly open, second growth.

5921. Green-backed Cuckoo. ♂. im. Iris
^{Chrysoceryx c. intermedius}
dark grayish-brown; bill greenish,
dusky above, brighter below, and slightly
bluish at sides of base, rim of eyelids
greenish; feet blue, claws black.

Stomach contents: remains of insects
and 1 hard seed. Shot from a tall tree in clearing.

Sept 17. ^{Mesaspicus ellipticus}

5922. Woodpecker. ♂. t. n. e. Stomach
contained 4 insect larval (coleopterous)
Iris dark crimson, tip of bill whitish
rest of maxilla black, mandible shading
posteriorly to pale bluish; feet olive.

Was drumming at intervals,
like *M. xantholophus*, but not very
loud. A couple of others were
also heard nearby. They seemed to
like large trees overlooking second-
growth, and gave also an
excited, reiterated vocal sound,
not very loud — ~~noted~~ nearly
as loud, for instance, as that of
M. goertan, which it resembles slightly.

5923. Drongo. ♂. t. n. e. Iris scarlet,
bill and feet black. ^{Piemurus coraginus} S.C. insect remains.
Found low down in second growth.

Panga
Sept 17, 1914.

but usually favors tall trees dominating second-growth or about clearings. Common between Banalia & Bengamisa has loud, harsh, & semi-metallic voice.

5924. Bulbul (^{guttatus} *Ixonotus*) ♀ im. Iris light grayish-brown; maxilla dark brownish-gray, mandible light gray; feet bluish-gray. Stomach contents: fruit & 4 small caterpillars.

5925. ^{*Phaps sibilatrix*} *Phaps sibilatrix* ♂ t. e.

5926. ^{*Colaptes auratus*} Brown-cheked Woodpecker. ♀. o. n. e. Stomach contents: ants and a soft pupa of some larger insect.

5927. Black Weaver (^{*Melimibius*} *Melimibius coronatus*) ♀. ovary slightly enlarged. Stomach contents: insects. Was engaged, with her scarlet-crowned mate, in completing their nest, attached to the drooping end of a slender, thorny acacia-vine, 30 feet from the ground. This nest was mainly composed of dry spiral tendrils from some vine, and small dry twigs and leaf stems, the "spout" not very long, but as usual with this genus, decidedly wide (7 cm.) Above the nest additional material

Panga. Sept 17. 1914.

1170

(including some green moss)
had been hung to the supporting
creeper, so that the total length
of the structure was 51 cm.

Both male & female were at work,
the former occupied with the entrance,
the latter with the top.

Sept. 18: Estrilda melphoda ♂
5928 Pratincole ♀ o.n.e. Stomach contained
Glarcola nordmanni (ad. in winter plumage)
several beetles.

5929. Pratincole ♀ im. Stom. cont. beetles.
Glarcola nordmanni

No 5928 & 9 alighted in the station - the
first seen this season.

5. [Altho the water of the Aruwimi
is now very high, covering most of the
rocks, the smaller Glarcola nuchalis
was common from Awakubi to
(But apparently not near Banalja.)
Panga, often perching on dead
limbs sticking up out of the stream.

I indeed a large flock was once
seen in a leafy tree standing on
a shoal in the river, where a
colony of weavers was also established.

All those I saw had the white collar.

Sept. 19. (Left Panga)

Laniarius leucorhynchus

5930. Black Bush-Shrike. ♀. Vary slightly
enlarged. Iris dark red-brown. Stomach
contents: insects.

Sept 20 (arr. Bombo)

5931. Skeleton of Kingfisher (C. rudis) ♀.

Sitona monacha Sharpe.

5932. Small yellow Weaver with black face. ♂
(ad.)

Banalia

Sept. 20. 1914

testes somewhat enlarged. Stom. cont. insects.

This is a bird we collected while coming up the Congo, and now met with again for the first time at a village called "Bombwa" on the left bank of the Aruwimi, 25 or 30 miles above Banalia.

5933. Dove (*Chalcopelia*). ♂. t. e. Common hereabouts, calling continually. The notes resemble those of *Tympanistria*; the voices of the two species are usually easy to distinguish. *Chalcopelia* here in the ^{open} country is found mainly in the neighborhood of villages, *Tympanistria* in second-growth, and *Calopelia* in forest, though this is not of course an absolute rule. At Paradije, ^{on the other hand,} ~~for example,~~ *Chalcopelia* frequents the ^{open} brush, and *Tympanistria* the woods.

iris dark brown; eyelids dark purplish-gray; tip of bill light orange-red; base of bill purplish-red; feet purplish-red; claws dusky.

[*Calopelia*, besides being seen at Panga, was heard along the Aruwimi, and between Banalia & Bengamisa.]

Sept. 21. (Bombwa)

5934. Chestnut Babbler (*Phyllanthus*) ♂ testes slightly enlarged. Iris dark brownish-red, bill creamy greenish-yellow, feet pale grayish-green. Stomach contents: remains of insects.

Banalia
Sept. 21. 1914

5935. Yf

5936. S

5937. S

5938. S

5939. S

5940. S

5941. S

5942. S

5943. S

5944. S

5945. S

5946. S

5947. S

5948. S

5949. S

5950. S

5951. S

5952. S

5953. S

5954. S

5955. S

5956. S

5957. S

5958. S

5959. S

5960. S

Banalia (Village Bombua)

Sept 21, 1914

5935. Young of preceding. ♂ im. Stom. cont: insects.
5936. Same. ♂ im. Iris dark brown, rim of eyelids greenish-yellow, bill greenish-white, deep yellow along cutting edges towards base, feet pale grayish green. Stom. cont. a grasshopper & other insects.
5937. ^{*Agropsodius sp.*} Greenish Bulbul. ♀. o.n.e. S.C. berries.
5938. Short-tailed Warbler (*Sylvielladenti?*) ♂ testes somewhat enlarged. Iris light brown, bill dusky, feet pinkish-brown. Stomach contents: insects. Found in undergrowth of some rather open woods.
5939. *Bathmedonia* ^{*rufo-vulgaris*} ♀. ovary slightly enlarged ^{*rufo-vulgaris*}.
5940. Thrush (*Coccyphus*) ^{*cyaneus*} ♂. t.e. S.C.: insects. Very common along Aruwimi.
5941. *Sitagra monacha* ^{*Shayle*}. Small Weaver. ♂. testes somewhat enlarged.
5932. Stomach contents: insects.

Just behind the "gite d'étape" there were 3 nests of this weaver suspended from the tips of the tall grasses ^{3 ft. above the ground}. These nests are peculiar in being woven partly of the seed-bearing grass tips, as well as strips from the leaves.

The nest of no. 5941 contained 2 young, whose feather sheaths were beginning to burst. The nest

Banalia

Sept. 21. 1914.

down that still remained was grayish-white.

The other nests were empty, but
(No. 5942)
a gray flycatcher, was seen to enter
one of them several times, coming out
and perching beside the ^{empty} nest.

5942. ^{Pedilornyx pyrrhonotatus} Flycatcher. ♂. t. e.

5943. Large black-headed Bee-eater. ♀.
^{Mesopogon Breweri}
ovary slightly enlarged. Iris bright crimson
bill black, feet dark greenish-gray.

Stom. cont.: pieces of a beetle & a wasp.

Flew about village on river-bank:
had very weak voice. Another seen
on an island near Stanleyville.

5944 Skeleton of Machaerhamphus. ♀
^{andersoni}
ovaries slightly enlarged. Stomach
contents: a small brown bat (*Pipistrellus*)
remains of another bat, and a few feathers.

Sept. 22. Flying about village at dusk. ^{Hirundo nigrita}
5945. Dark blue Swallow. ♂, testis somewhat
enlarged. Very common along Arcuivini.

5946. Weaver. ♂. ^{Athermops ruficapilla}
testis slightly enlarged. Stomach
contained seeds & a few pieces of insects.

Sept. 23
5947. Small yellow bellied Sunbird with green back.

♀. ovary slightly enlarged. ^{Antheptes}
^{collaris hypodileus}

Her nest, of the usual pear shape, was
composed of strips of dry grass and other
vegetable material, lined with plant-
down, bound together exteriorly with

Banalia
Sept. 23. 1914

will,

emo

hung

20 feet

patch

were

inf

and

part

5948. Sta

5949. Sm

Acc

acc

mo

gra

yell

in

hu

Sept. 25. 1914

5950. R

5951. Ch

Di

ye

be

ye

c

1-147

Banalia

Sept. 23. 1914.

silk, and adorned with a small amount of caterpillar excrement. It hung from a creeper, at a height of 20 feet, directly over a path, in a patch of second-growth. The 2 young were just ready to leave the nest, in fact they did so when disturbed, and had the plumage of the upper parts metallic green.

5948. Starling. ♀ s.n.e. S.C. a few small berries

5949. Small Hawk. ♂ t.n.e. Iris bright
Accipiter ^{Lampornis} ~~sharpes~~ purpureiceps
scarlet, eyelids orange, cere & corner of mouth yellow; bill black, with mandible grayish at base; feet bright cadmium yellow, claws black, Stomach contained insect-remains and feathers. Seen pursuing a small bird.

Sept 25. Banalia & Mbangba

5950. Larger Trogon. ♂. t.n.e. S.C. caterpillars.

5951. *Chrysococcyx flavigularis*. ♂. testes slightly enlarged. Iris dull chrome-yellow, edge of eyelids light yellowish-green, bill dull greenish-yellow, base of maxilla blackish, feet dull yellowish-green, claws black, Stomach contained caterpillars and a few insects.

Shot in a tree devastated by caterpillars.

This is a bird of the tall trees, in the virgin forest as well as those overlooking second-

Banalia

Sept 25. 1914.

growth or plantations, very difficult to see, and more so to kill. Its voice is not infrequently heard, the common note being a ^{slightly descending} series of short, sweet whistles, loud enough to be heard plainly for several hundred yards. Sometimes two birds call together. Once I heard another note of 2 loud, but less musical whistles, that reminded me of *Eurystomus gularis*.

It was in last February that I first became acquainted with these notes, and have since heard them ^{many times} near Penge, Awakubi, & Nkayu ^{as well as} at Panga.

5952. Thrush (*Erythropygia*). ♂. testes slightly enlarged. Stomach contents: insects.

5953. Warbler (*Sylvietta*). ♂ imm.

5954. Hawk ♂ juv. Iris yellowish-green, S. 1949. *Accipiter sharpei* rim of eyelids ochre, cere and corners of mouth chrome-yellow, bill black, feet cadmium yellow, claws black. Stomach contained flesh & feathers of a small bird.

Sept. 26. (Mbanga - mehungu)

5955. Warbler (*Sylvietta*). ♂ imm. S.C. a caterpillar and insects. Shot from a tree in a former village site, now grown up with thickets.

5956. Thrush (*Alethe*). ♀. ovary slightly enlarged.

Banalia

Sept. 26. 1914.

5957. Kingfisher. ♂. testis slightly enlarged.
~~Haleyon~~ ^{*Halcyon*} ^{*malimbicus prenticeii*}.
Stomach contained bones of a frog. Heard
very frequently along the Aruwimi, where
the chestnut-backed Haleyon seemed
also common.

[Coming down the Aruwimi we saw
or heard rather often *Ceryle maxima*, but
Ceryle rudis was somewhat less numerous.
One or two *Alcedo* were noticed nearly
every day, but *Corythornis* was not
seen once, and *Spidina* did not seem
common.

5958. Flycatcher, ^(*Smithornis*) ♂. t. n. e. S.C: caterpillars & insects.

5959. Parisona, ^{*plumbeiceps*} ♀. o. n. e. Stom. cont: caterpillars.

5960. Flycatcher (*Erythrocerus*) ♂ imm.

5961. Small Trogon. ♂. t. n. e. S.C: caterpillars.

Apoloderma minus.

The excrement of the 2 trogons here has a
far more foul odor than usual among birds,
perhaps due to their diet of caterpillars.

This trogon is a forest bird, and
was seldom heard on this road.
During the first of the four days between
Banalia & Benigamisa, we saw no real
forest at all, everywhere villages or
places formerly cultivated. During the
other three days there were occasional
stretches of forest, interspersed with

Banalia

Sept. 26, 1914.

numerous clearings and "matongos".

From Bengamisa to Kaparata, too,
practically no forest has been left.

5962. Cuckoo. ♀ juv. Stomach contents: beetles.
Cuculus solitarius.

Iris dark grayish-brown, rim of eyelids
dull greenish; maxilla black, mandible
dull yellowish-green with black tip.
corners of mouth reddish-orange; feet
bright yellow. (Very dark colored, barred below)

Sept. 27. (Mishung - mbedu)

5963. Titmouse (*Anthoscopus*) ♀. Ovary slightly
enlarged, skull not completely ossified. Iris
dark brown, bill dusky, but light gray along
edges of mandibles and at base; feet bluish.
Mouth remained slightly open after death as in Wood Hoopoe.

One of a small flock. These titmice were
never seen at Avaluhi.

5964. Flycatcher. ♂ t. n. e. Iris dark brown,
tip of bill black, rest of bill, corners of
mouth, and rim of eyelids blue, whole
interior of mouth greenish yellow, feet
rather light blue.

5965. Hawk. ♂. testes slightly enlarged. Iris
scarlet. Stomach contents: pieces of an insect.
Accipiter sharpei

5966. Rail (*Corethra*) ♂ testes slightly enlarged
Stomach contained a yg hemipter & other insect-
remains.

[The similar rail, (= *S. elegans*)
back, that calls mournfully at night,

Bengamissa
Sept 28. 1914.

was heard 2 or 3 times at Banalia.]
Sept. 28. (Mbedu - Bengamissa) ^{Ciss. muricus}
5967 Flycatcher ^{Pezomachus holubodius} ♂. testes slightly enlarged;
skull not quite completely ossified.

5968 ^{Pezomachus holubodius} Gray Warbler ♂. testes somewhat enlarged
5.5920
Stomach contents: a small caterpillar and
insect remains. Iris dark brown, rim of
eyelids pinkish brown, bill black, becoming
light gray beneath mandible; feet rather
light blue. Shot in woods near a stream,
found by following its note, which may
be distinguished from that of the species
like no. 5959 by having regularly 4
syllables, somewhat run together.

5969 ^{H. lucida} Swallow (*H. angolensis*) ♂. t. n. e.

5970 " " " " ♂ " " "

5971 " " " " ♂ " " "

5972 " " " " ♂ " " "

5973 ^{H. lucida} " " " " ♂. iris dark brown, bill & feet black.
♀. o. n. e. skull not quite fully ossified.

This swallow has not been observed
since we left Stanleyville in 1909,
but would seem to be common at
Bengamissa. for fully 30 or 40 were
flying about one of the houses during
the early afternoon, alighting beneath
the roof of the porch. They were not
nesting, nor did they roost there
at night. Their resemblance to

Benjamisa

Sept 28. 1914.

H. rustica, in habits, flight, and voice is extremely close, and they are probably also fond of villages, for no more were noticed till we were very close to Standerville.

No. 5980 (note) A nest of this gray flycatcher containing 2 eggs, collected near Bomili, on Sept 11, 1914, was placed 4 ft above the water in a fork of a branch sticking up near the shore. Along that part of the Aruwimi 2 other nests of the same bird were observed in similar exposed positions, and 1 in a hollow of a larger stub.

Measurements of Bomili eggs; 18.0×13.3 ; 18.5×13.3

... but the large wholly black member of the genus was not observed.

On the Kindi (which natives here - Bamanga - call the "Luindi") we saw both the species like no 5974, and the small *Chaetura* with much white on underparts & rump. (*C. sobini*)

5975. Palm Swift. ♀. ovary slightly enlarged.

Tachyura ^{*parvus*}

Stomach contained many winged ants and a small beetle. Practically none noticed during the trip down the Aruwimi.

5976. Green Sunbird. ♂. testes somewhat enlarged, skull not quite completely ossified. Stomach contained 2 hard round seeds from berries.

5977. Parakeet. (*A. zenkeri*) ♂. testes slightly enlarged. Iris orange. Crop contained small seeds.

One of a flock of 5 or 6, that came to feed in a wild fig tree.

Benamisa
Sept 28. 1914.

H. rustica, in habits, flight, and voice is extremely close, and they are probably also fond of villages, for no more were noticed till we were very close to Stanleyville.

The extensive white patches in the tail make recognition easy in life. ^{Common at Stanleyville}
^{coming in flocks to catch winged termites leaving nest.} alighting on walls and posts near rapids.

Sept. 29 (Benamisa - Kaparata)

5974. Large stub-tailed Swift. ♂ [im] testes ^{*Chaetura cassini*} very small. Stomach filled with winged ants. Seen occasionally along the Aruwimi, but the large wholly black member of the genus was not observed. On the Rindi (which natives here - Bamanga - call the "Luindi") we saw both the species like no 5974, and the small *Chaetura* with much white on underparts & rump. (*C. sabini*)

5975. Palm Swift. ♀. ovary slightly enlarged. ^{*Tachyuraetes parvus*} Stomach contained many winged ants and a small beetle. Practically none noticed during the trip down the Aruwimi.

5976. Green Sunbird. ♂. testes somewhat enlarged, skull not quite completely ossified. Stomach contained 2 hard round seeds from berries. ^{*Cyanomitra obscura*}

5977. Parakeet. (*A. zenkeri*) ♂. testes slightly enlarged. Iris orange. Crop contained small seeds.

One of a flock of 5 or 6, that came to feed in a wild fig tree.

Bengamisa

1180

Sept 29, 1914.

Certhimochares a. intermedius

5978. Dark gray Cuckoo, ♂. t. n. e. S.C. caterpillars.

Sept. 30. (Kaparata - Stanleyville.)

5979. Dark blue Swallow. ♀. o. n. e. ^{*Hirundo nigrita*} Common

along this part of the Rindi, just now they are almost invariably seen in pairs.

^{*Alcedo bicolor*}
5980. Gray Flycatcher. ♀. o. n. e. Common along this part of R. Rindi.

^{*Apalis goslingi*}
5981. Small Gray Warbler. ♀. ovary somewhat enlarged. Stomach contained 2 small caterpillars and remains of insects.

The song of this little warbler was frequently heard along the Aruvinni, but usually they are more or less hidden by the foliage, and the boat goes by so quickly that one scarcely gets a chance to secure the bird, without ^{making} a special

Stanleyville effort.

Oct. 25.

5982. Sunbird. ♀ ovary slightly enlarged.

^{*Anthreptes aurantius*}
59896. Preening itself, in a dry tree near river bank. ^{*Phylloscopus*}

^{*Cisticola, rufifasciata*}
5983. Brownish Grass-Warbler. ♂. testes slightly enlarged. Iris light brown, bill black, slightly grayish below; feet buffy pink, claws dusky. This is evidently the species common about posts in the Ituri. It is common here, too, but there is also a similar species (collected in 1909), with streaked black, ^(in voice, as well) resembling

Stanleyville
Oct. 25, 1914:

the swamp-loving species of the Uela, but here not strictly confined to wet situations. The two species here have somewhat similar notes, mostly dry, trilling efforts, but the one with the streaked back often ^{changes} up ^{to} with a ^{loud} "chwî-chwî-chwî..." which is distinctive.

5984 ^{*Estrildg. atricapilla*} Black-crowned Waxbill, with blackish belly. ♀. ovary slightly enlarged, skull not completely ossified. Iris dark brown; bill black, with a triangular spot of light crimson on each side of mandible near base; feet blackish.

Hitherto I had never noticed this form except at Awakubi; but here at Stanleyville it is rather common, the less numerous than the white-bellied one, with which it may be found in company. Both are practically voiceless, feeding in small companies, picking seeds from the tall grasses, when they display great talents in balancing, or hopping on the ground.

5985 ^{drab} Yellow- & black Weaver (*Pyromelaena*?)
♂. testes enlarged. Iris dark brown, bill black above, shading to dark greenish-gray

Stanleyville.

Oct. 25, 1914.

beneath mandible; feet brown. Stomach contained small seeds.

5986. Same as preceding. *S. t. e. S. C.*: small seeds.

^{*Pyromela cana*}
Fairly common in the high grass along roads and in old clearings hereabouts. At present they seem to be breeding, and go in pairs, the male very attentive to his dull-colored mate, and making short flights over the grass, that remind one of the similar performances of "Bishop-birds" (the more rapidly). But the wings appear to be kept somewhat above the horizontal, and are often beaten so forcibly that it can be heard ^(the faintly) for a dozen yards. While perching the male seems a pretty bird - much more so than when in the hand - on account of the contrast of its black and yellow plumage, the feathers of the rump being slightly raised so as to show conspicuously.

Nov. 1.

^{*Zonotrichia*}
5987. Barbet (*Gymnopus*) *S.* testes slightly enlarged. Iris scarlet; skin of cheeks, the not entirely naked dark brownish pink or dull red-brown, bill dusky-brown; feet dusky-brown. Stomach contained berries.

Stanleyville

Nov. 1. 1914.

5988. ^{Gymnobucco bonapartei} Same as preceding ♂. testes slightly enlarged
Iris reddish-brown, scarlet above pupil.
Stomach contained berries.

5989. ^{Gymnobucco bonapartei} Same. ♂. testes slightly enlarged. Iris
reddish-brown above. Stomach
contained pieces of a bug.
Very common at Stanleyville,
frequented trees, where they
cut the dead limbs.

Compare
I know, these birds
almost be called

5990. Warbler (Sylvia)
enlarged.

5991. Slender-billed "We
enlarged. Stomach con
(I noticed a few test
not appear to be com

Nov. 5.
5992. Bishop-Bird ^{Pyrenestes} ♂. t

5993. " " ♂. t

5994. " " ♂. t

Found in the es
tall grass near the
station; but I have
generally distributed

Nov. 8.
5995. Pyrenestes ^{oestrinus} ♂. ovar

♂. Iris dark red, eyelids pale blue above &

No 5985 has been seen at Boma in a
grassy marsh. At Malindi we saw
what were probably Colinus passer, in
dull plumage, & Vidua also occurring
in the Bas. Congo; molting into breeding
plumage towards the middle of January

Stanleyville

Nov. 1, 1914.

Gymnotus bonapartei
5988. ♂ Same as preceding. ♂ testes slightly enlarged.
Iris reddish-brown, scarlet above pupil.
Stomach contained berries.

Gymnotus bonapartei
5989. Same. ♀. ovary slightly enlarged. Iris
reddish-brown, scarlet above. Stomach
contained berries and pieces of a bug.

Very common near Stanleyville,
frequenting, ^{particularly} the larger trees, where they
cut their nests in the dead limbs.

Compared to most of the other barbets
I know, these brown ones might
almost be called mute. ~~this at~~

5990. Warbler (*Sylviatla*). ♀. ovary somewhat
enlarged.

Nyctala fusconota
5991. Slender-billed "Weaver". ♂. testes slightly
enlarged. Stomach contained small fruits.
(He noticed a few times at Avalubi, did
not appear to be common there.)

Nov. 5. *Pyromelana flammeiceps*
5992. Bishop-Bird. ♂. testes much enlarged.

5993. " " ♂ t.e. Crop contained green rice

5994. " " ♂ t.e.

Found in the extensive areas of
tall grass near the "Lazaret" N of the
station; but I hardly think it is
generally distributed here.

Nov. 8.
5995. *Pyrenestes* ^{*striatus*}. ♀. ovary somewhat enlarged.
Iris dark red, eyelids pale blue above.

Stanleyville

Nov. 8th 1914.

below, black before & behind eye; bill dusky bluish, somewhat lighter on upper side of maxilla; feet greenish-brown. Crop and stomach contained seeds, rather soft ones; indeed I have never been able to understand, from its food, why this bird should have such a remarkable development of the jaws.

This ^{example} seems to be of the big-billed kind.
 74. de Villegas showed a small-billed variety he had

5994

Dec 10 - 1914
Today at Yamnag a ♂ of *Pyromelane*
feadimidis also seen, in full
breeding plumage. Near Bunka
we saw again what seemed to be
a sample of this species, but all
in brown plumage. In late
Dec. & early January, too, in
the Rao. Congo, they are all
in eclipse plumage, tho ~~the~~ ^{the latter may be}
is molting. There seems to be
no conflict in the latter region
to me never (in full plumage) till
song occasional

Lucida subalaris
ingolensis ♀ im.

feeding everywhere,
in the trees, as well as
in the river. A
rather one rainy

h. termites flying up
Note. Nov. 22. *H. ruf. do. rusticus*
e. is of course common at Stanleyville
just too.

S. Shrike. ♀ imm. Iris
trochiloides
blackish above, shading
mandible; feet light
contained remains of
arg. orthoptera.

amid the grass
giving its flight
never observed anywhere
by about Avalubi.

Stanleyville

Nov. 8, 1914.

below, black before & behind eye; bill dusky bluish, somewhat lighter on upper side of maxilla; feet greenish-brown. Crop and stomach contained seeds, rather soft ones; indeed I have never been able to understand, from its food, why this bird should have such a remarkable development of the jaws.

This ^{example} seems to be of the big-billed kind, but at Panga Mr. de Villegas showed me of the small-billed variety he had shot.

5996. Swallow (*H. lucida subalaris* ~~*angelinae*~~) ♀ imm.

Very common here, feeding everywhere, and resting on dead trees, as well as on rocks and posts in the river. A large number gathered one rainy morning to catch termites flying up behind our house.

Note. Nov. 22. *H. lucida subalaris* is of course common at Stanleyville most too.

5997. Rufous-winged Shrike. ♀ imm. Iris ^{*Pomatostichus australis*} dark brown. Bill blackish above, shading to gray beneath mandible; feet light blue. Stomach contained remains of insects, including orthoptera.

Fairly common amid the grass and brush here, giving its flight-song occasionally. ^{never observed anywhere} about Avakubi.

Stanleyville
Nov. 8. 1914.

5998. *Spermospiza* ^{guttata} ♀. ovary slightly enlarged.
skull not quite entirely ossified (transparent spots persisting in parietal region) Iris brown, of a medium tint, rim of eyelids pale-blue (not swollen); bill pearly blue, shading to scarlet along cutting edges and on tip of mandible, feet brownish green. Stomach contents: seeds.

Shot among grass & bushes near a small brook.

5999. *Piculet* ^{*Verreauxia africana*} ♂. t. n. e. Stomach contained 6 white "grubs". Was climbing about a dead limb in a rather small tree out in an open patch of tall grass.

6000. *Cossypha cyanocamptor* ^{*partelloti*} ♂. testes somewhat enlarged. Stomach contained a spider, a small caterpillar, and pieces of insects. In dense second growth — there were 3 singing within a circle of 15 yds diameter.

6001. Warbler (*Cisticola*) ^{*leucophaea*} ♂. im. Iris light grayish-brown, bill dark brown above, shading to buffy-yellow below; interior of mouth mostly yellowish, but base of tongue black above, and a large black

area on roof of throat (palate yellow save for posterior edge), feet pale pinkish-brown.

6002. Flycatcher (*Muscicapa griseola*). ♂.

t.m.e. First ^{one} seen this season.

A red-backed shrike was also observed today. ^{See No. 6006.} The bank swallow was first seen on its return from north, Sept 5 (Avalubi), the Swallow, Sept 29, the blue-headed yellow wagtail Oct 14.

As for African birds - a flock of 5 stoorks (*Abdimia*) was seen circling overhead today. No ^{of} merles (*metalligis*) have been seen here during the past month, tho we saw some in Aug 09; very probably they disappear as at Avalubi.

Pipromelana afra
6003. Weaver. ♀ im. Stomach contained grass-seeds.
s. 5986.

Phainopepla nitens
6004. Warbler (*Parusoma*?) ♂ im. Stomach contained a small caterpillar and insect remains.

6005. Brownish Grass-Warbler, with streaked back.
Cisticola lugubris
♀. ovary slightly enlarged. Iris light brown, bill dark brown along culmen, shading to light gray below; feet pinkish-buff. Common.

Stanleyville.

Nov. 14. 1914.

6006. ^{*Empidonax cellarius*} Red-backed Shrike. ♀. o. n. e. Iris brown, bill dark brown above and at tip, shading to light gray on base of mandible; feet dusky greenish.

6007. Rufous-winged Shrike. ♀. ovary slightly enlarged. ^{*Troglodytes aedon*} Iris dark purplish-brown, with inner rim much lighter & grayish; bill black, feet light blue. An adult male examined today (too badly shot to save) had the eye of exactly the same color. Utters a short "chuck!", repeated at intervals, from concealment in bushes.

6008. ^{*Phylloscopus indicatus*} White-eyed Bulbul. ♂. t. n. e. Iris white, bill black; feet dark bluish-gray. Skull not completely ossified. Was giving a rather weak whistled note of 2 syllables, very different from its ordinary voice.

Nov. 15.

6009.
S. 6003.

Weaver. ♂. testis slightly enlarged. Stomach ^{*Pipilo chlorurus*} contained grass-seeds and small stones. Commencing post-nuptial molt — the new feathers, the small, show plainly that the bird in eclipse plumage is streaky brown above and white & buff below, all the black feathers, and even the yellow rump-patch, disappearing entirely.

area on roof of throat (palate yellow save for posterior edge), feet pale pinkish-brown.

6002. Flycatcher (*Muscicapa griseola*). ♂.

t.m.e. First ^{one} seen this season.

A red-backed shrike was also observed today. ^{See No. 6006.} The bank swallow was first seen on its return from north, Sept 5 (Avalahi), the Swallow, Sept 29, the blue-headed yellow wagtail Oct 14.

As for African birds - a flock of 5 storks (*Abdimia*) was seen circling overhead today. No ^{off} "merles metatigies" have been seen here during the past month, tho we saw some in Aug 09; very probably they disappear as at Avalahi.

6003. Weaver. ^{*Papomelana afra*} ♀ im. Stomach contained grass-seeds. s. 5986.

6004. Warbler (*Parusoma*?) ^{*plumbeus*} ♂ im. Stomach contained a small caterpillar and insect remains.

6005. Brownish Grass-Warbler, with streaked back.

^{*Aesticola regularis*} ♀. very slightly enlarged. Iris light brown, bill dark brown along culmen, shading to light gray below; feet pinkish-buff. Common.

Stanleyville.

Nov. 22, 1914.

no heads, legs or wings.

A nest of this species of sunbird, found today in a rather large tree along a road, at a height of 30 feet, was of typical shape, composed of fine shreds of dry brown vegetable material & pieces of dry leaves, lined with plant-down, and decorated exteriorly with pieces of bark, lichens & caterpillar excrement. This nest contained 2 young, with eyes still closed, bills pink, gape pale yellow, feather sheaths still very small, and dusky. No down whatever. Both parents were seen in the tree, the female entering the nest.

6015. Rhyacophilus glaucus ♀ o.n.e. Sandpiper (Scolopax) ♀ o.n.e.

6016. Large Snipe. ♀ o.n.e. Stomach contents: s. 6011. Gallinago media.

(6015) several small stones, remains of insects (?), and a small white maggot-like insect larva.

6017. Snipe (G. gallinago) ♀ o.n.e. Stomach contents: insect-remains.

6018. Same as preceding ♀ o.n.e. Stomach contained Gallinago gallinago a few small stones and remains of arthropods.

Nos 6016-18 were put up singly in a small open marsh in a pasture. Nos 6015 & 6016 were quite fat, but 6017 & 18 decidedly lean.

6019. White bellied Starling [♂] Cinnyricinclus l. leucogaster not seen since leaving N.E.

6020 Weaver Finch (Spermestes) [♂] Same as 5998.

6021. Nightjar.

Nos 6019-21, preserved by injection with formalin, and presented by Dr. Grossule, were collected at Stanleyville from 4 to 6 months ago. Nightjars must be scarce, I have not yet

Stanleyville

1190

seen one.

Nov. 23, '14.

6022. Brown-cheeked Woodpecker, ^{*Campethera caroli*} ♀. ovary slightly enlarged. Stomach contained ants and their larvae.

6023. Crow, ♀. ^{*Corvus albicollis*} o. n. e. Iris dark brown, bill & feet black. Common about Stanleyville, but do not come to roost every night in the station, as formerly. At sunset, on Oct 16, however, a flock of 35 was noticed; pairs are far more usual. Their note is a rather low, hoarse, and slightly prolonged "kähk". I have seen one pursued by drongos. Tho they may sometimes be approached to within 10 yards when on the ground, they are usually shy. Up to the time of our arrival here, none had been seen since Niangara.

Nov 24

6024. ^{*Circus*} ♂. testes slightly enlarged. ^{*Dryocichlus*} Stomach contained scales of a snake.

Nov. 27.

6025. Reed-Warbler (*Calamocichla*) ♂ testes slightly enlarged, skull not completely ossified. Iris rather light-brown, bill dusky-brown, shading to buffy-gray on base of mandible; feet rather light bluish-gray. (See note under no. 6034.)

6026. Grass-Warbler (^{*Agropyron*} *Cisticola*) ♂. testes slightly enlarged. Stomach contained a green

Stanleyville
Nov. 27. 1914

grasshopper and remains of other insects.

6027. ^{*Terapichne viridis*} Paradise Flycatcher ♂. testes slightly enlarged.
Preserved with formalin, presented by Dr. Grossule.
(Of the median rectrices, the right one is about 7 inches long and pure black, the left one is about 4 inches, black with a little rufous at tip; back rufous.)

6028. ^{*Terapichne viridis*} Paradise Flycatcher. ♀. ovary slightly enlarged.
Preserved with formalin, presented by Dr. Grossule.

Nov. 29. ^{*Terapichne viridis*} 6029. Paradise Flycatcher ♂. t. n. e. Iris dark brown; bill, eyelids, & feet blue, the first-mentioned with a little black at tip; interior of mouth light yellowish green. In the midst of the moult, with middle tail-feathers just sprouting, but back wholly white.

6030. ^{*Terapichne viridis*} Paradise Flycatcher. ♂. testes much enlarged.
Bill bright blue, black at very tip; iris dark brown; eyelids & feet bright blue; whole interior of mouth greenish yellow.

Comparing nos 6029 and 6030 while fresh, I found the blue of bill, eyelids and feet somewhat brighter in the latter, and the color of the interior of the mouth was likewise brighter.

Stanleyville
Nov. 29. 1914.

6031. *Cossypha verticalis*^{melanogata} ♂ testes slightly enlarged
skull not completely ossified. Iris dark
brown, bill black, feet purplish-gray.
Stomach contents: remains of a small
round millipede.

6032. Same as preceding. ♂ testes slightly
enlarged, skull not quite fully ossified.
Stomach contained remains of rather
small beetles.

Three were singing this morning
in a small dense patch of bushes
and trees, near a swampy creek,
but surrounded ^{on the other side} by tall grass.

Cossypha cyanocamptus of course
inhabits the dense second growth so
extensive about Stanleyville, but
one example of C. verticalis^{melanogata} had
already been seen several times
near the cemetery and among the
coffee trees close to the station. This
latter species has here been heard
to mimic Francolinus squamatus,
Merops persicus, Asturina & Turdus.
Its singing is ^{often much} louder than, but hardly
so rich in tone as that of C. cyanocamptus.

193
Stanleyville
Nov 29-1914.

6033. Sunbird ♂. testes slightly enlarged.
S. 6014. Skull not quite fully ossified. Stomach
contained a spider and a small caterpillar.

6034 Warbler (*Calamocichla*) ♂. testes slightly
S. 6025. enlarged. Iris rather light brown, rim
of eyelids light greenish; maxilla dusky
brown, mandible shading from grayish
at tip to buffy at base, gape light yellow,
feet rather light gray, interior of mouth
yellow.

One or two of these birds, whose voice
is exactly the same as those of Paradise
& Parva, ^{continually} haunted some tall grass (not
matete) on dry ground, but close to a
creek. This peculiar guttural "cheer"
was heard once at Banalia.

6035. Skeleton of Black crested Eagle (*Lophotus*)
♀. right ovary much enlarged (laying).

Yanonge left one very small. Crop contained 3 rats.
Dec 10. 14.

6036 ^{Paradise Flycatcher} Paradise Flycatcher. ♂. t. e. Iris dark brown,
bill and eyelids bright blue.

6037. ^{Paradise Flycatcher} Paradise Flycatcher ♂. t. e.

Shot close together. I & color of back
simply a question of age?

Isangi

6038. *Pyrenestes* ♂. t. n. e. ^{extremes} A rather large
flock was going to roost in high grass
in rubber plantation. Another male

Isangi

Dec 10. 1914

was shot & had likewise small beak.

6039. Barbet (*Tricholaema*^{ameorgi}) ♂. t. n. e. S.C. fruit.

6040. Long-tailed Sunbird ♂. t. e. skull not fully ossified. *Nectarinia*^{congensis} iris dark brown, bill and feet black, Stomach contained remains of small spiders.

6041. Same. ♀. o. n. e. skull not fully ossified. *Nectarinia*^{congensis} iris dark brown, bill brownish black, feet black. Stomach contained remains of small spiders.

Nos 6040 & 1 were feeding at the brilliant red flowers of an ornamental tree known here as the "*Pourouma*^{regia} flamboyant"

6042. Coucal. ♀. o. n. e. S.C. grasshoppers & *Centropus*^{anselli} crickets, larvae of wasps, a caterpillar, snails (with their soft shells torn off), & a few slugs. Iris reddish-brown, bill blackish; feet dusky.

Dec 11. 14

6043. Long-tailed Sunbird. ♂. t. e. S.C. tiny spiders

6044. *Nectarinia*^{congensis} ♂ " " " "

in Baskets.

6045. Thrush (*Alcedo*) ♂ im. S.C. insects & bones of tiny frog.

Dec 12.

6046. Small Plover. ♂. t. n. e. Iris very dark brown, bill black, with a little greenish-gray at base of mandible, feet light greenish-gray, slightly buffy on metatarsi.

6047. Same. *C. m. pallidus* ♂. t. n. e.

Near Lic.
Dec 12. 1914

- 6048 ^{Sitagra (microcephala?)} Yellow Weavers with black head. ♂.
t. n. e. Iris brown; bill black, shading
to greenish-gray on base of mandible;
feet brownish-pink. S.C. small seeds.

In long grass on edge of an island.

6049. Long-tailed Sunbird. ♂. t. n. e. A
nest ^{nest} ~~sunbird nest~~ ^{probably built by this}
species, was hanging from a bush,
over the water. A ♂ sunbird was
near it.

Normville Amers - Dec 14.

6050. Small Plover. ♀ ovary slightly enlarged.
Charadrius m. pallidus.
S.C. remains of insects, including many
heads of termites.

6051. Weavers (^{guttata} Spermospiza) ♀ imm. Iris

No. 6051.

Interior of mouth yellow, 3
black spots on palate, outer ones
large, posterior pair lacking.
a black crescent beneath
tongue, on mandible; no
molars on tongue.



Spermospiza ♀ im.

Normville Amers, Dec 14. 1914.

one more, few among others.

Not seen above Coquilhatville, the form
there on along the river they were very

near Lic.
Dec 12. 1914

- 6048 ^{Sitagra (meanocephala?)} Yellow Weavers with black head. ♂.
t. n. e. Iris brown; bill black, shading
to greenish-gray on base of mandible;
feet brownish-pink. S.C. small seeds.

In long grass on edge of an island.

6049. Long-tailed Sunbird. ♂. t. e. A
~~nest~~ ^{nest} ~~sunbird nest~~ ^{nest} ~~probably built by this~~
^{nest} ~~species~~ ^{nest} ~~was hanging from a bush,~~
^{nest} ~~over the water. A ♂ sunbird was~~
^{nest} ~~near it.~~

Nowelle Anvers - Dec 14.

6050. Small Plover. ♀ ovary slightly enlarged.
~~Charadrius~~ ^{Charadrius} ~~m. pallidus.~~
S.C. remains of insects, including many
heads of termites.

6051. Weavers (^{guttata} ~~Spermospiza~~) ♀ imm. Iris
brown; rim of eyelids pale bluish;
feet olive.

- Coquilhatville, Dec 15. ^{lugubris}
6052. Warbler (Cisticola) ♂. testes slightly enlarged.
Found all along the Congo, down to
Boma.

- ^{Hydroscapha} ~~Hydroscapha~~
6053. Red-rumped Barbatus. ♂. testes slightly
enlarged. S.C. fruit.

- ^{Riparia} ~~Riparia~~
6054. Swallow (Riparia) ♀. ovary slightly enlarged

- 6055 ^{R. riparia} ~~R. riparia~~ .. ♀

- 6056 ^{Riparia riparia} ~~Riparia riparia~~ .. ♀
t. n. e. Iris dark brown.
bill black, feet dusky-brown.

Not seen above Coquilhatville, the form
2. there on along the river they were very

Coquilhatville

Dec 15, 1914.

common, down to Boma.

6057. Weaver (*Vidua*) ^{serripes} ♂. t. e. skull, as usual, not completely ossified. Crop contained small grass-seeds. (A male with long tail also noticed today. During my stay at Boma, no males in breeding plumage were seen.)

6058. Long-tailed Sunbird ♂. t. e. S.C. remains of tiny spiders. A common bird about villages and posts and in trees along river-bank; but I have not heard

any note from it.
Coquilhatville. Dec. 16.

6059. Rose-breasted Bee-eater. ♂. t. n. e.

Coquilhatville Dec. 16, 1914 (Wangata)

A blackish swallow-like bird seen flying about here also, ^{over village} but as large as a martin perhaps, seemed to have something red on front of head. Not a *Psolidoprocne*.

Pseudochelidon erythrona

see 6060

A number were flying about, with other swallows, over the river and a native village. Not noticed again.

6061. ^{*Nigrita canicapilla*} Weaver (*Nigrita*). ♂. t. e.

Coquilhatville

Dec 15, 1914.

common, down to Boma.

6057. Weaver (*Vidua*^{serripes}) ♂. t. e. skull, as usual, not completely ossified. Crop contained small grass-seeds. (A male with long tail also noticed today. During my stay at Boma, no males in breeding plumage were seen.)

6058. Long-tailed Sunbird ♂. t. e. S.C. remains of tiny spiders. *Nectarinops congensis* A common bird about villages and posts and in trees along river-bank; but I have not heard any note from it.

Coquilhatville. Dec. 16.

6059. Rose-breasted Bee-eater. ♂. t. n. e. ^{*Merope malimbicus*} Iris bright crimson, bill black, feet dusky-brown.

Seen first near Bumba, common in flocks of 30 or more all along river, many seen as far down as Kunzulu, near Kwamouth. The voice is of the usual character, ~~two~~ and rather loud, but hoarser than usual. ("chick-le")

6060. Small brownish Swallow. ♂. t. e. A number were flying about, with other swallows, over the river and a native village. Not noticed again.

6061. ^{*Nigrita canicapilla*} Weaver (*Nigrita*). ♂. t. e.

Near Coquiltaville

Dec 16, 1914

6062. Small Plover ♂ t. n. e. SC: insects
Charadrius marginatus pallidus.

6063. " " " ♂ t. n. e. " "

6064. " " " ♀ o n e.

going in small parties
A common species, fond of river banks, villages, etc. Like its relatives, active at dusk.

6065. Long-tailed Sunbird. ♂. testes somewhat
Nectarinia cognata.
enlarged. S.C. remains of small spiders.

I rebu - Dec 17.

6066. Streak-breasted Swallow, ♂. testes

slightly enlarged. should not completely
ossified. S.C.

lady-birds and
1 bug. Two

flying about on
dark blue sw

along the river
Kinshassa.

I have not seen
species with a

frequenting to
but it is sa

between Bon

6067. Long-tailed

Nectarinia cognata

6068. Mate of 6067

Lukolela Dec 17.

6069. *Bubo leucostictus*

yellow, bill

No. 6072. Iris gray; practically same
shade as feathers of back of head; bill
yellow; bare skin of face orange-red,
orange around to posterior border,
that of throat dirty flesh-color tinged
with yellow, feet pale pinkish-gray.
shanks shading to yellow on tibiae
close to feathers, and to dusky
towards tip, nails black.

approaching yellow and

Near Coquilhatville

Dec 16, 1914

6062. Small Plover ♂ t. n. e. SC: insects

Charadrius marginatus pallidus.

6063. " " ♂ t. n. e. " "

6064. " " ♀ o n e.

going in small parties
A common species, found of river banks, villages, etc. Like its relatives, active at dusk.

6065. Long-tailed Sunbird. ♂. testes somewhat
Nectarinia congensis
enlarged. S.C. remains of small spiders.

I return - Dec 17.

6066. Streak-breasted Swallow, ♂. testes

slightly enlarged, skull not completely ossified. S.C. many small bees, some lady-birds and other small beetles & 1 bug.

Two of these swallows were flying about over the water. The dark blue swallow is found all along the river as far down as Kinshassa. At Boma and Matadi I have not seen it; a reiform-crowned species with slender outer rectrices frequenting the river banks there; but it is said (Drouin) to occur between Boma & Banana.

6067. Long-tailed Sunbird. ♂. t. n. e. SC. a
Nectarinia congensis
tiny spider.

6068. Mate of 6067 ♀. ovary somewhat enlarged. SC. a tiny spider.

Lufolula Dec 17.

6069. Horned Owl. ♂. t. n. e. Iris chrome-

Bubo lunaticus
yellow, bill light grayish-green,
approaching yellow distally; cere

Lukolela

Dec 17. 1914.

greenish-buff; toes yellowish; claws black with gray bases.

Sitting in tall tree at dusk on edge of forest

Bolobo. Dec 18

Cisticola nana

6070. Diving brown Warbler, ♂. t. s. e. SC insect

6071. " " " ♂

Iris light brown. bill blackish, greenish gray beneath, basally; feet pale buff.

Everywhere common in lower Congo, flying high in the air, often spirally.

[Today for the first time we began to see large patches of fern bush country, and in a short walk at Bolobo at sundown I was surprised to see how the general aspect of the vegetation resembled that of the Uele, while the few birds we saw ^{and heard} greatly strengthened this impression].

6072. Pantalus. ♀ im. Iris gray, bill ^{this} yellow; bare skin of face orange red, but orange around posterior border; throat still duller; feet pale pinkish gray, yellow on tibiae, dusky on tips of toes. (Captive specimen, presented by Dr. Seiling.) Only

Bolobo

Dec 18. 1914

one example seen from the steamer
on trip down the Congo, a beautiful
adult, on Dec 13th

^{Kwamouth Dec 19.}

6073. Bulbul with ^{red testes for quater} black breast band. ♂. testes
slightly enlarged. Iris very dark brown,
bill & feet black.

6074. Same. ♂ im. S.C. fruit.

6075. " ♀ im. " " "

Found in open brush country. Have
a sort of twittering note. A nest
of this species, found this afternoon
at Kunguzulu was placed low
down (4 ft) in a bush, a frail
cup of slender grass- & plant stems,
containing 2 eggs, pinkish white,
indistinctly speckled with darker
pinkish, and a faint rufous zone
about larger end.

6076. ^{Melospiza monticola} Large brown Warbler. ♂. testes slightly
enlarged. Common at Kwamouth
& Leopoldville. Has same song as
in Uele.

6077. ^{Thamnodia nigra} Black Thrush with white shoulder
patches. ♂. t. n. e.

6078. ^{Attila latro} Warbler. ♂. testes slightly enlarged.
Common, Bolobo, Kwamouth, Boma,
etc. Song same as in Uele.

Kwamouth

Dec. 19. 1914.

6079. ^{Batis bella congensis} Flycatcher. ♀ im. Common at
Les & Boma. Beats its wings sometimes
with a slight noise, utters short
weak whistles.
6080. ^{Lagonosticta conica - Sharpe} Small reddish "Weaver". ♀. ovary
slightly enlarged.
6081. Large slaty Flycatcher. ♀ im. ^{Melaenornis ater}

Kumzulu.

6082. Coucal. ♂. t. n. e. Iris scarlet, bill
^{Centropus senegalensis} black, feet rather dark blue-gray.
Stomach contents: remains of insects
(Orthoptera, Coleoptera) and a caterpillar.

At Kumzulu the brush was
rather tall, with some small trees,
especially back from the river,
but in general, from Kwamouth
to Boma, the bushes were sparser
and more stunted, the country
far more barren and apparently
infertile than in the Uele. This
tendency is most pronounced
at Boma, where many of the
hills have practically no brush,
only coarse grass, with here or
there an occasional bush.

Kinshasa - Dec 20.

6083. Palm Swift. ♂. testes somewhat enlarged.
• Flew into a lighted room at night. Common

Kinshassa

Dec 20, 1914.

everywhere in lower Congo.

Leopoldville. Dec 21.

6084. Black Titmouse with white on wing. ♂ im.
Melanerpes niger insignis
S.C.: caterpillars. Rather common here.

6085. Gray Titmouse with pale rufous belly. ♂ im.
Melanerpes pubescens
Iris brownish-gray, bill black, feet
light blue. Stomach contained caterpillars.

6086. *Sylvicola* ^{sp.} ♀ im. Iris light brown. In
open brush.

6087. ^{*Cisticola natalensis strangeri*}
~~*Cisticola natalensis*~~ ^{*strangeri*}
slightly enlarged. S.C.: orthopterous insects
Common in lower Congo. Habits &
notes same as in Uele.

6088. Nightjar. ♂ im. *Caprimulgus natalensis*

6089. Sunbird ♂ t.e. Iris dark brown, bill &
^{*chalcid*} ^{*fuliginosa*}

6090. " ♂ " " feet black.

Common.

6091. Clapper-bird. ^{*mirafra fischeri*}
♂. testes small, skull not
quite completely ossified.

6092. Thrush (*Erythropygia*) ^{sp.} ♂. t. n. e.

Leopoldville Dec 22.

6093. Lapwing. ♀. ovary slightly enlarged.

Strophopelia inornata

Iris yellow, with greenish-gray inner
rim, bill & feet blackish. S.C.: insects.

6094. Same. ♂ im. Iris chrome-yellow, with
greenish-gray inner rim, bill & feet blackish.
S.C.: remains of insects (including beetles)

Leopoldville
Dec 22. 1914.

Walking about in pairs or parties
of 4 or 5 on cultivated ground.

Have a short complaining call
when flushed.

6095. ^{*Bradornis brachyotus*} ~~*brachyotus*~~ ^{*hemus*} Flycatcher. ♂. t. n. e.
Iris dark brown, bill & feet blackish.

6096. ^{*Estrela subflava clarkei*} Waxbill. ♂. t. n. e. In flocks, feeding
on ground, and alighting occasionally
on grass. Common also at Boma.

6097. Greenish Bulbul. ♂. t. e. ^{*Androparus*}

6098. ^{*Plumbiceps*} Parisoma. ♂. t. n. e.

Thysville. Dec. 23.

6099. Barbet (^{*pili*} *Gymnobucco*) ♂. t. e. S.C. fruit.

6100 " " " ♂. t. e. " "

Iris dark brown, skin of face blackish,
bill rather light rufous brown, feet
dusky brown.

In this region there are often
large wooded areas, but not the
tall equatorial forest. A number
of these barbets were sitting on
a large dead tree where they
had cut their nests, exactly like
their congeners in the Ituri, etc.

Many starlings, like no. 6101, were
also perching there, and perhaps
nest in the deserted holes of the barbets

Thysville

Dec 23, 1914.

6101. Starling. ^{P. lugubris} ♂. ^{P. lugubris} testes slightly enlarged.
6102. " ♂. ^{P. lugubris} testes somewhat enlarged; skull
not quite completely ossified. Iris cadmium-
yellow.
6103. Same ♀ o.e., ^{P. lugubris} Iris bright yellow.
6104. Burntling. ♀ imm. ^{Tringoides} Crop & stomach contained
small seeds & a tiny grasshopper.

Matadi

Dec 25

6105. ^{Chloroceryle} Rufous & gray Thrush. ♂. testes
slightly enlarged. Iris rather light
red-brown; bill blackish; feet rather
light bluish, Stomach contents: remains
of a spider & insects.

First seen at Kinshassa, a
common bird in the Bas-Congo.
Goes in pairs or small family parties,
is rather arboreal in its habits, but
may also be seen low down in
bushes, and does not shun the
neighborhood of houses. Has some
rich melodious notes, but they
are not very long, or else simply
repeated; and as in some species
of *Cossypha* they are apt to be
given louder towards dusk.

Matadi

Dec 25. 1914.

6106. Finch (^{*Myiambicus*} *Serinus*) ♂. testes slightly enlarged. Iris brown, bill dusky brownish, paler below, feet brownish. Common at Kivamouth, Leo, & Boma.

Resembles its relative of the Nile in general habits as well as in its slightly musical cheeping notes.

6107. Swift (*Cypselus*) with white throat and rump. ♂. t. e. ^{*affinis*} Iris dark brown, bill black, toes dusky brown. Stomach contained remains of winged ants. Common about rocky hills at Matadi. Along the river above Matadi there is a high, overhanging, cliff, beneath the shelter of which are two large clusters of nests, evidently of these swifts, which frequent the spot in numbers, but too far away for me to be sure. It reminded me very much, however, of the colony at Piaga, near Faradje.

Dec 26.

6108. *Pytilia* ^{*melba* (L.)} ♂. t. n. e. Iris light yellowish-brown, bill rose-color, feet grayish brown. Stomach contained heads of termites.

6109. ^{*Pytilia melba* (L.)} Same. ♀. e. n. e. Iris light yellowish-brown.
2. bill dusky brown above, shading to rose

Matadi

Dec 26, 1914.

at sides and below; feet grayish-brown. Stomach contained remains of insects, including termites. Found on the barren hills about Matadi. Seen once near Boma.

6110. Bunting. ♂. t. n. e. Iris dark brown, bill blackish above, buff below, and yellow at base of mandible & gape; feet buffy-brown.

6111. Same. ♂. testes slightly enlarged, S.C: seeds.

6112. ♀ o. n. e.

Very common at Matadi, even hopping about like sparrows in streets and yards. I have seen a dozen on a roof at a time, but usually they are in smaller numbers. They are also found on the hills, along the railway tracks — in short, almost everywhere. (*Passer griseus* has not been seen in the Bas-Congo)

6113. *Lagonoticta landanoe*, Sharpe. ♂. t. n. e.

Iris brown, maxilla dark gray, mandible pale rose with dusky tip, feet dusky. Stomach contents: small seeds.

6114. *Lagonoticta conica*. "Weaver". ♂ im. Iris brown, bill blue, shading to black at tip, feet dark bluish. Crop filled with small seeds.

Matadi

Dec 26, 1914.

Cichladusa rufo cauda

6115.
s. 6105.

Thrush. ♀ im. Iris light brown, bill dusky-brown; feet blue. S.C. insects

6116.

Brown Nightjar. ♀. ovary slightly enlarged. Caprimulgus flavipes. Iris dark brown, rim of eyelids light brown, bill brown, shading to black at tip, feet dark brown. Stomach contained a small beetle.

Put up on the slope of a stony hill near Matadi; flew a little way, lit on a rock, and then began to flutter about as the wounded, at the spot where she had taken wing crouched her downy young one no 6118 was found on the same hill, and the day following on the high rocky hill called "Lodi" south of Matadi, 4 goatsuckers, presumably of this same species, were observed

6117

Young of no 6116. ♀ juv. Iris dark brown, bill brown at base, black at tip; feet gray.

6118.

Nightjar. ♀ im. (C. forsteri)

Dec. 27.

6119.

Kingfisher. ♂ im. Iris dark brown, Haleya alliventris orientalis rim of eyelids brownish, bill dirty scarlet, blackish near tip, but pale dull orange at very point; feet orange

Matadi
Dec 27. 1914.

red, with all scales dusky-brown.

S.C.: a mantis, a dragon-fly, a grasshopper & a small snail

6120. ^{*Hyphantornis collaris*} Large Black & yellow Weaver. ♂. testes somewhat enlarged. Iris orange-red; bill black; feet pinkish-brown. Crop and stomach contained palm-nut pulp & insect-remains. Shot from a tree where *Melanopteryx nigerimus* was nesting. This yellow weaver seems to replace *H. cucullatus* in the Bas-Congo, and is very common at Boma.

6121. ^{*Ploceus superciliosus* (Shell.)} Weaver, ♀. o. w. e. S.C. seeds & insects. Seen from Kuwamouth to Boma. In habits and notes same as in Ule.

6122. ^{*Zonogaster melba*} ... 14 enlarged. S.C.

6128. The note of this dove might be written: kii k-k-k-k-kiiiii.
but sometimes the introductory part is doubled: kii kii k-k-k-k-kiiiii

6123.

6124.

Matadi
Dec 27. 1914.

red, with all scales dusky-brown.

S.C.: a mantis, a dragon-fly, a grasshopper & a small snail

6120. ^{*Hyphantornis collaris*} Large Black & yellow Weaver. ♂. testes somewhat enlarged. Iris orange-red; bill black; feet pinkish-brown. Crop and stomach contained palm-nut pulp & insect-remains. Shot from a tree where *Melanopteryx nigerimus* was nesting. This yellow weaver seems to replace *H. cucullatus* in the Bas-Congo, and is very common at Bona.

6121. ^{*Ploceus superciliosus* (Shell.)} Weavers, ♀. o. n. e. S.C. seeds & insects. Seen from Kuwamouth to Bona. In habits and notes same as in Ule.

6122. ^{*Zonogastris melba*} *Pytelia*. ♂. testes slightly enlarged. S.C.: remains of termites (workers, not winged individuals)

6123. Pipit. ♀ im *Antopus leucophrys* (*argolepis*?)

6124. Gray Partridge (*Pternistes*) ♀. o. n. e. Iris dark brown; bill, feet, and naked skin of face & throat scarlet, Crop contained many small bulbs, numbers of ants, and a small snail. Flushed on a grassy hillside.

2. Partridges have been heard calling

Matadi

Dec 27, 1914.

at sundown at Bolobo, Kuzulu,
and Matadi. The note resembles
somewhat that of the francolin of
the Uele, but is perhaps not quite
so harsh.

Dec 28 ~~Cagonyx~~ *Cagonyx conica*

6125. "Weaver". ♂. t.n.e. Crop contained
3.6114 tiny seeds.

6126. ^{*Hirundo puebla*} Streak-breasted Swallow ♀ s.n.e.

6127. " " " " ♀ " " "

Common at Matadi. Its old nests
may be found beneath rocky ledges,
but it has also learned to nest
about houses, and nests may be
seen, for example, beneath the
eaves of the railway station.

Also occurs at Boma, where the 2
other species of brown-rumped
swallows both are found.

Boma. Dec 31.

6128. Dove. ♂. t.n.e. Iris dark brown,
eyelids gray; bill black; feet reddish-
purple. Rather common about
Boma. Has a low, hoarse, coving
note, that seems slightly different
from that of birds in the Uele.

Other pigeons noticed here at
Boma are *Vinago calva*, *Chalcophaps*
afra (abundant) and the brown.

Boma

Dec 31. 1914.

collared pigeon (*Streptopelia semiterquata*)

6129. ^{*Streptopelia rufopectus*} Paradise Flycatcher. ♂ imm. Iris dark brown, bill blackish brown, feet light blue.

In grove of trees, rubber trees & others, planted at agricultural station "Kalambu".

6130. ^{*Dendroica parula*} Woodpecker. ♀. o. n. e. Iris dark red.

6131. ^{*Dendroica ruficauda*} Thrush. ♂ imm. S.C. insects & palm nut fibers.

6132. "Babbler" (*Crateropus* ^{sp.}) ♀. o. n. e.

Iris scarlet on outside, shading to bright yellow on inner edge, bill black, feet dark gray. S.C.: palm nut fibers, insect remains.

Skulking in parties of 3 to 6 among bushes & trees in hollows near water. Have ^{hoarse} ^{chattering} whining notes, but not so loud as either of the species of the Uls.

6133. Sunbird. ♂. testes somewhat enlarged

Iris dark brown, bill & feet black.

S.C.: a ball of rubber & remains of winged termites.

6134. Yellow Finch with black face & throat

^{*Parus caliopterus*} ♂. testes somewhat enlarged. Iris rather light brown, bill brownish above, whitish below, feet pinkish-brown.

Boma
Dec 31, 1914.

Commonly captured and kept in cages by blacks at Boma.

6135. *Cossypha* (*heuglini*?) *Sint. n. e.*
skull almost completely ossified. Iris dark brown, bill black, feet violet-brown. Stomach filled with blackish winged termites.

Common here; resembles in habits & song *C. verticalis*, and is apt to sing loudly at sunset. It certainly imitates other birds, this example having mimicked a bee-eater (*M. persicus*) very well. Probably the same species heard at Bolobo, Les, Thyville & Matadi.

6136. Skeleton of *Scopus*. *S. t. sl. e.*
umbretta.

S. C.: 4 small birds & a shrimp.
Jan 1. an ill described bird ^{8000 ft} a new unfinished
one, later seen near Boma.

6137. Waxbill. *O. t. e.* Iris dark brown,
Estrella astrild angolensis. *Rehner*.
bill scarlet, feet dark brown, Crop

contained small grass seeds.

6138. *Estrella astrild angolensis*.
Same. *♀. o. e.* Iris brown, bill scarlet
feet dark brown.

Feeding in small parties in tall grass in a marsh, frequented also by the common red-checked waxbill.

Boma.

Jan 2. 1915.

Cyanomitra verticalis cyanocephala

6139. Sunbird. ♂. testes slightly enlarged
Iris dark brown, bill & feet black.

6140. Chat. ♂. t.n.e. Iris dark brown,
~~*Saricola solaris*~~
bill & feet black. S.C: insects.

6141. Same ♀. o.n.e. S.C: remains of
~~*Saricola solaris*~~
insects, & a large white beetle larva
("grub")

Not uncommon; usually seen
near cultivated ground, in ^{or grassy} valleys,
perching on bushes or tall grass stalks.

6142. Tiny grass Warbler. ♀. o.n.e. Iris
~~*Cisticola cisticola*~~ ^{*Cisticola wrighti*}
rather light brown, bill dusky brown
above, pale flesh-color below, feet
pinkish-buff.

6143 ^{*Hyphantornis collaris*}
s. 6120. Weavers ♂. testes somewhat enlarged.
Iris scarlet, bill black, feet pinkish-
brown, S.C: fibers from palm-nuts,
and remains of insects.

Jan. 3.
6144. Turacus. ♂. testes somewhat enlarged.
^{*perea*}
Iris rather dark brown, papillae &
edges of eyelids scarlet, bill dull
dark red, blackish at very tip, feet
black. Stomach contents: 9 wild
dates. One of a pair in trees
along a brook. The voice is
very similar to that of *T. ermini*.
(reiterated resonant "haw", as well as a
low, hoarse, protracted "haw".)

Boma

Jan. 3. 1915.

6145 Partridge (*Pternistia*) ^{*cranchii cranchii*} ♂. t. n. e.
Iris dark brown, bill, orbits, throat
& feet scarlet. Crop contained many
small bulbs (abt 1/4 in. in diameter)

6146. Same. ♀ [im.] o. n. e. Crop
contained many small bulbs, and
numbers of termites (not winged)

These little bulbs are the same
as those from the partridge at Matsi.
I have found that they are the
bulbs of a fine grass growing
commonly between the tussocks
of coarse grass, and lay usually
an inch or so below the surface
of the ground, but are turned up
in quantities in freshly cultivated
land.

6147. Barbet ^{*Hylius devaillanti*} ♂. t. n. e. Iris light yellowish-
brown (bright buff), orbits flesh color;
bill whitish; feet pink, with gray
claws. S.C. fruit.

6148. Same. ^{*H. devaillanti*} ♀ o. n. e. Colors of eyes, bill
& feet same as in ♂.

6149. ^{*Hylius devaillanti*} Young of preceding. ♂ juv. S.C.
fibers from palm-nut, & pieces of other
fruit.

Not uncommon, has a prolonged

Boma

Jan 3. 1915.

"clicking" note much like that of the large red- & black related species of the Uele — which I believe I have seen here also. (OK)

6150. ^{*Laniarius major*} Bush Shrike. ♂. testes slightly enlarged. Iris dark brown, bill black, feet dark bluish-gray. S.C: remains of beetles, a bug, and a millipede.

Shuckle in the densest bush they can find, the male occasionally uttering short whistles (much less musical than those of the species of the Uele), and the female answering with a harsh "kik-ik."

6151. ^{*Planipterus*} Thrush. ♂. testes somewhat enlarged. Iris dark brown, bare skin behind eye dusky greenish, bill yellow, feet pale brownish-green. Very common

6152. Clapper Lark. ^{*Mniotilta fusca*} ♂. testis slightly enlarged. S.C: small insects.

Common here; habits same as in Uele; frequenting barren spots on hills as well as cultivated fields in hollows. Wings may be beaten 5 or 6 times.

Boma

Jan 3. 1915.

6153. Finch (*Serinus*) ♂. t. s. e.

6154. ^{*Estrelda perreini* (Vieill.)} Blue-gray "Waxbill" with red
rump. ♂ im. Iris brown; bill light
blue, dusky at tip & along cutting
edges; feet rather dark blue-gray.

Crop contained small grass-seeds.

6155. ^{*Lagonosticta landanese*} Weaver " ♂. t. n. e.

6156. ^{*Lagonosticta landanese*} ♀. o. n. e. (mate of no 6155)

Crop & stomach contained small seeds.

Very common here.

Jan 5.

6157. Least Bittern. ♂. testis slightly
enlarged. ^{*Ixobrychus exilis*} Iris light orange-red,
orbit greenish-yellow; bill yellow,
shading to dusky brown above,
feet yellow, tinged with green.
S.C.: a minnow.

Flew up from a grassy swamp.
The purple gallinule collected
at Awakuli also inhabits this
swamp, also the "lily-trotter",
which is frequently heard uttering
a reiterated "ka-ka-...." in a
rather weak voice.

6158. Warbler (^{*superficus*} *Calamocichla*) ♂. t. e.

Iris rather light brown; bill dusky-
brown above, light gray below; feet
greenish-gray. Numerous in

Boma

Jan 5. 1915.

the large papyrus swamp on the east side of Boma; notes precisely like those at Stanleyville & Faradje. (So far as I can judge from noises emanating from this swamp, there is no *Bradypterus* present)

6159. Clapper ^{*minimus*} ~~Carle~~ ^{*fisheri*} ♀. ovary slightly enlarged. Stomach contained remains of numbers of termites & a small elater.

6160. ^{*C. erythrogastrus pyrrhoides*} Buff-checked Warbler ♂. testes slightly enlarged. Iris light brown, maxilla blackish, mandible light bluish-gray; feet pinkish-buff. Rather common. Its rather shrill notes consist mainly of sounds like "chivee", "chick" etc repeated several times, then changing slightly, this to be repeated again, & so on. Two birds often call together.

6161. ^{*Entolva gabrillae angolensis* - Behw.} Waxbill. ♂. t. e.

5. 6137.

Jan. 7.

6162. ^{*Laniarius major gutturalis*} Shrike ♀ imm.

5. 6150.

6163. ^{*Acrocephalus arundinaceus*} Reed Warbler. ♂. t. n. e. Iris ^{rather} dark brown, maxilla dusky, mandible light gray, interior of mouth orange;

Boma
Jan 7. 1915.

feet greenish-gray.

Hiding in some long grass on low ground, giving a prolonged series of harsh scraping sounds, repeated again and again, with short intervals. (Rather like the voice of the small European reed-warbler, but very much louder).

These notes are often heard from a papyrus swamp here, and I remember, in Dec 1911, hearing them from a papyrus swamp near Paradije.

~~Xanthophilus xanthops~~ (Hartley)
6164. ~~X~~ Large Yellow Weaver. ♂ im. Iris light yellow, bill dusky-brown above, shading to dull yellowish beneath, feet light pinkish-brown. S.C. insects.

~~Halcyon leucogaster~~
6165. Barbet ♀. o.n.e. S.C. fruit.

s. 6147.
6166. Kingfisher. ♂. testes small. Iris
s. 6119. ~~Halcyon albiventris orientalis~~.

dark brown, bill rather dark red, becoming blackish at tip, feet red on softer parts, but scales brown.

S.C. a millipede. Shot in open grove of rubber trees (Manihot)

6167. Crane. ♀. o.n.e.; an egg in oviduct Crocotis egregia (broken) was whitish, spotted with rufous, very heavily marked on one end. Put up in long grass in

Boma

Jan 8, 1915.

a hollow.

- 6168 ^{s. 6164} *Xanthophilus xanthops* (Hartl.) Large yellow Weaver. ♂ testes slightly enlarged. Iris dull yellow; bill black; feet pinkish. Stomach contained soft fruit & remains of small insects.

- 6169 ^{s. 6164} *Xanthophilus xanthops* (Hartl.) Same. ♂. t. s. l. e. S. C. insects.

Usually seen in pairs about bushes in lower-lying ground, but occasionally on hills. Has a prolong wheezy note like *H. cuculatus*, but is comparatively shy, not apt to be seen near houses.

- 6170 ^{*Chalcophaps indica*} Sunbird. ♂. testes somewhat enlarged.

- 6171 ^{*Chalcophaps indica*} Paradise Flycatcher. ♂. t. e. Iris dark brown; bill bright blue, blackish at tip, this color running back along edges of mandibles, interior of mouth greenish-yellow; rim of eyelids, & feet, blue. Shot near same spot as no. 6129. Has notes like Paradise Flycatcher of NE Congo, but the song, instead of being whistled is a slow repetition of some notes sounding more like "zee."

- 6172 ^{*Striilda perreini*} "Waxbill". ♀. o. e. Iris dark brown; bill light blue, blackish at tip.

Both specimens of this bird were shot among the trees planted at

Boma
Jan 8. 1915.

Kalamu.

6173. Thrush (*Erythropygia*)^{sp.} ♂ testes slightly enlarged.

6174. Babbler, *Crateropus* sp. ♀. o. n. e. S.C. palm-nut
s. 6132. fibers & insects.

6175. Nightjar. ♂. t. n. e. | Iris dark brown

6176. " ♀. o. n. e. | rim of eyelids
lighter brown, bill brown with black
tip; feet brown. About 6 of these
nightjars were put up among
bushes on a hillside near the
reservoir.

6177. Skeleton of *Eypohierax* ♂ t. n. e. [adult]
angolensis
S.C. palm-nut pulp and piece of a
small fish.

Jan 11.
6178. Widow (*Arachnoid*)^{or Coliopsis asymmetrica} with bases of remiges
white. ♂. testes enlarged. Iris dark brown,
bill pale blue, feet blackish-brown.
S.C. small seeds. Found in a grassy
valley, accompanied by 5 or 6 others
of its kind, females & young, ^(?) males,
the latter with yellow shoulder patches,
white in the wing, and blue beaks.

6179. *Chalcophaps indica* ♂. testes slightly enlarged; skull
s. 6105. not fully ossified. S.C. insects & their larvae.
Iris red-brown.

6180. *Crateropus* ^{sp.} ♂. testes slightly enlarged.
s. 599

Boma

Jan. 11. 15.

Iris scarlet outside, shading to bright yellow on inner edge, bill black, feet dark gray.

S.C. fibers from palm-nuts, & insect remains.

6181. Same. ♂. t. n. e. skull not fully ossified

Iris as in adult. S.C. palm-nut fibers & insects.

6182. Chat. ♂. t. n. e. S.C. small insects

Saxicola palax
6183. " ♂ imm. (Have noticed no whinchats

Saxicola palax
in the Bas. Congo, and Hirundo rustica is either rare or absent. But the black (European?) swift has been seen frequently, Merops persicus & M. albigollis are common, European reed-warbler & Muscicapa grisola also noticed.

6184. Pigeon. ♂. t. s. e.

6185. Coly. ♀. o. m. e. Iris rather dark
Colinus n. nigricollis
brown, naked skin before eye black, that behind pale blue-gray; maxilla pale bluish on top, elsewhere black, mandible buffy-whitish, a little black at base; feet scarlet, claws black. S.C. fruit & piece of a leaf.

One of a party of 6 — in spite of the fact that she was laying.

A coly's nest found at Kivamouth (Dec. 19-'14) was built like those of Ule, in a bush 9 ft from

Boma

Jan 11. 15.

ground, and contained 3 eggs, colored like those of the Uele.

6186. Roller. ♂. t.n.e. ^{Eurystomus afer}. Not common.

Jan 12.

6187. Green Pigeon ♀. o.e. As they leave a tree the flight of these pigeons is always very noisy, but becomes practically silent once they are well under way. Rather common here: voice same as in Uele. I ture.

6188. Bronze Sunbird. ♂. testes somewhat enlarged. ^{Chrysomitris capensis} Common.

6189. ^{Ploceus curvicauda} Red-wattled Flycatcher. ♂. testes somewhat enlarged. Common. May give from one to five clear whistled notes.

6190. Nightjar. ♀ im. Nightjars common at dusk about Boma, probably this is the common species. They make little or no noise. Neither macrodipteryx nor Scotornis noticed.

6191. ^{Xanthophilus xanthops (Hartl.)} Yellow Weaver. ♂. t.n.e. Iris dull yellow, bill black, feet brownish-pink. S.C: soft fruit & insect remains.

Jan 14.

6192. Widow. ♂. ^{Aluspeser concolor} t.e. S.C: grass seeds.

s. 6178.

6193. Same. ♀. o.n.e. Iris "dark brown, bill

Boma

Jan 14. 1915

brownish white, shading to brown on
culmen, feet pale buff. S.C.: grass seeds.
6194. Same. ♀. o.n.e.

Common, flocks of 20 to 30 have
been seen. Noiseless; rather shy.
6195 ^{*Maeginetus angolensis* (P.)} Small blue-breasted Weaver. ♂. testis
slightly enlarged. Bill light pinkish-purple
shading to dusky at tip; iris gray; feet
pale buff. Crop and stomach contained
seeds. Seen at Matadi as well as
here, but usually only near
towns or native villages. Thus far I
have never seen one with red
cheek spots; yet the present
example seems perfectly adult.
^{*M. angolensis* very common at Noki in June 1909.}
6196 Swamp Quail. ♀. o.n.e.; laying. Iris
^{*Excalfactoria adamsi*} rather light red-brown. Crop and
stomach contained small seeds,
a few termites, and a tiny snail.

One of a pair perched on the top
of a rather barren hill.

6197. ^{*mozambicus togolo*} Finch (Serinus). ♂. t.n.e.
s. 6153. " " ♀. o.n.e. S.C.: small seeds.
6198

Common; has semi-musical,
cheeping voices, like the species
of the reed; but does not really
sing or trill.

Boma

Jan 16. 1915.

6199. Haleyonichelicuti. ♀. i.m.e.

S.C. acicada. Abundant here.

Two of these kingfishers will often in ^{to} some distance apart often calling in unison, sitting in a stiff upright position, and raising their wings. Other members of the genus — H. senegalensis for example, — will go through about the same performance, but both birds perching on the same branch.

6200. Red-headed Weaver ♂. testes

^{*Melospiza erythrogastra*}
somewhat enlarged. Feeding in long grass in marsh.

6201. ^{*Estrelita astrildangolensis*} ~~Waxbill~~ ♂. testes somewhat enlarged.

Crop filled with small seeds.

6202. Reed Warbler (*Calamocichla* ^{*ryffensis?*} + e.e.)

(*Schizocichla apicalis*)
(A fan-tail warbler seen Jan. 14.

in low, grassy, spot.)

^{Zambi Jan 16}
6203. Bufphaga ♀. i.m.e. Iris yellow;

base of bill ^{large} bright yellow, rest scarlet; feet blackish. Stomach filled with ticks and short hairs.

6204. Same, ♀ i.m. Iris brownish gray,

^{*Bufphaga longi*}
anterior portion of bill scarlet, base of maxilla blackish above, rest of bill yellow. Stomach filled with ticks and hairs.

Zambi
Jan 17. 1915

Sent up to me from agricultural station at Zambi, ^(by Van Saedghem) below Boma, where they are said to be common. They are not found about the cattle near Boma, tho there are herds of over 100 head, and perhaps not even on the island of Mateba, where there are many cattle. According to Mr Drouot they were not seen at Zambi before 1908, appearing first in company with a herd installed at some distance north of the river, and then, when these were brought back to the station the birds came too.

Boma, Jan 17.

6205. *Buracus* ^{persea} ♂. testis slightly enlarged
6206. " ^{persea} ♀. S.E. fruit. o.v.e.

Not uncommon, though there are few woods to shelter them.

6207. *Cuculus solitarius*. ♂. testis slightly enlarged.

6208. ^{Phoenicurus} Redstart. ♀ im. Iris dark brown, bill & feet dusky-brown.

6209. Widow. ♂. ^{Colinus passer. concolor} t.e. skull not quite fully ossified. Crop contained small

Boma

Jan 17, 1915

grass seeds. Iris dark brown, bill light blue, feet black.

6210 ^{*Euphonia peruviana*} " Weaver" ♀. o. n. e.

6211 ^{*Perisoreus macrourus*} " ♂. t. n. e. } Were found together.

6212 " ♀ im.

Jan 19 ^{*Cyanospiza cyanea*} 6213 ^{*Urochloa*} ♂. testes slightly enlarged

Very common, Kuamouth; Leopoldville, Matadi, Boma.

6214 ^{*Capistratus*} *Serinus* (black face) ♂. t. e. Crop & stomach contained seeds.

6215 Same ♀. ovary slightly enlarged. S.C: seeds.

To capture these finches, a cage containing a captive bird is hung in trees about the village, this cage having one or two separate compartments, where small seeds such as rice are scattered, and the door of which is snapped down by a spring when a bird alights on a perch within. *Spermestes* & the red *Lagonosticta* (?) are also caught, but tho I have found the other species of *Serinus* much more common here, I have never seen it kept in a cage here. (Saw one in cage however at ^{*S. r. leucophaea*} Sierra Leone.)

Boma

Jan 20. 1915.

Sitagra mongola. Sharpe.

6216. Weaver. ♂. testes somewhat enlarged.

Iris dull light yellowish, bill black, feet rather light bluish-gray. Stomach contained a small caterpillar & insects. Shot at edge of papyrus swamp.

6217. Widow. ♂. skull not quite completely ossified. ^{Collinpasen concolor} t. n. e. Iris dark brown, ^{ring of eyelids blue gray} bill light blue-gray, feet dusky. S. C.: grass-seeds.

6218. Weaver. ♂. t. n. e. S. C.: small seeds. s. 5985? ^{Pyromelasma afro}

Since about the first of the month, a male in full plumage has been seen occasionally in the high grass in a ^{large} swamp. This one was shot in an opening in a papyrus swamp. The species has not been noticed elsewhere about Boma.

Jan 21. ^{croceus} 6219. *macronyx* ♂. testes slightly enlarged. Common (going in pairs) about a pasture bordering on a large plain (swampy at certain seasons). 2 ½ hrs. walk NW of Boma. Not noticed anywhere else.

6220. Pipit. ♀. o. n. e. Iris dark brown, ^{Antopus pallidiventris} bill dusky-brown, becoming pale yellowish horn-color on base of mandible feet buff. 2 pairs seen today.

Boma

Jan 21. 1915.

in pasture mentioned under no 6219.

They were silent, and in habits like the species of the Uele.

6221. Lark. ♂ t. n. e. S.C: remains of ^{mirafra fasciata} grasshopper and many small termites.

6222. Coly. ♂. testes somewhat enlarged. S.C: ^{C. n. nigricollis} leaves. Iris rather dark brown.

Jan 24.

6223. Bee-eater. ♀. a. n. e. Iris dark brown, bill black, feet blackish.

3 sitting on dead branches of a baobab, first to be seen.

6224. Barbet. ♂. t. e. Crop & stomach contained fruit. Not uncommon, calls as usual, 4 or 5 notes, then a slight pause.

6225. ^{flammaria} Pyromelana ♂. testes slightly enlarged. In pre-nuptial molt. Very common, but very few have begun to molt yet. (A male in full plumage was seen at Yanonge nr. Stanleyville on Dec 10; but none further down near Bumba.)

6226. ^{Hyphantornis collaris} Weaver. ♀. ovary slightly enlarged.

5-6143. Iris scarlet. S.C: insects.

6227. ^{Phoenicurus familiaris} Red start. ♂. t. n. e. S.C: small fruits & insects. Shot at same spot

Boma

Jan 24. 1915.

as No 6208, near a wooded ravine on a hillside.

6228. Bulbul. ^{Andropadus sp.} ♀ ^{in.} o.n.e. S.C.: insects -

6229. Sunbird. ♂. t.n.e. ^{Cinnyris marginatus bifasciatus} Common.

Jan 25. ^{Trochilophaga rufocincta}

6230. Paradise Flycatcher. ♂. testes slightly enlarged.

6231. Coly. ♀. o.n.e. S.C.: fruit (Dicus) C. n. nigricollis Common, often in small flocks. utters short hoarse notes, but is generally silent.

6232. Merops albicollis. ♂. t.n.e.

Common here at present. Many of the migrants from Europe are very little in evidence here.

Hirundo rustica, *Riparia*, *Saxicola*, *Pratincola*, *Anthus trivialis*; these are some of the common ones that appear to be lacking. *Cypselus* & *Acrocephalus*, *Sylvia*, *Muscicapa griseola* have been noticed.

6233. ^{*Dendropicos hartleyi*} Woodpecker. ♂. t.n.e. Iris dark red, bill blackish, with base of mandible bluish-gray, feet dull green. S.C.: many larvae & a few pupae of insects. This seems to be the only woodpecker at all common about Boma.

Boma

Jan 25, 1915.

6235. ^{*Antichromis minutus*} Shrike. ♂ t. n. e. Iris rose,
bill black; feet lead-gray. Rather
common in lowlands.

6236. Pratincola salax. ♀ im.

6237. Pytelia ^{*melba* (K)} ♂. testes slightly enlarged
Iris brownish-orange, bill rose
(dull without gloss), feet grayish-
brown. Crop & stomach contained
termites (workers) & small grass-seeds.
Not a common bird at Boma,
probably fond of hills.

Jan 27

6238. Porphyriola ^{*alleni*} ♂. t. n. e. Stomach
contained pieces of a large spider,
small seeds, insect-remains, &
bits of stone. Iris scarlet, bill
scarlet but darker, frontal plate
dusky greenish; feet dull red,
but shading to bright scarlet
on tibiae.

Shot in a papyrus swamp
where both adult & immature
specimens had been observed
previously. *Limnocorax* also
inhabits this swamp, and
the "lily-trotter" (*Jacana*) may
also be seen in open places in

Boma

Jan 27.

it, a
Alon
Cong
not
but
var
low
ab
ma

Cathartus ^{TC.}
Pogonochynchus (large
red & black) 3.

Bulbul like, no 6073. only 3.

Bias ~~3~~ ^{miss} (very not hand)

Hirundo ^{anti}

Psittidiforce (fold tail

Cornu asculatus ^{late}

Large *Longirostris* TC.

Par-tail Warbler

A medium sized, black

breast probably tinged with

brown, and black of head

not reaching nape, in

papage.

Long-billed yellow weaver.

Paracera guseno (not common)

^{off to the west}

Xanthophilus xanthops (Hartl)

6239. Large yellow Weaver ♀. ovary some-
what enlarged. Iris rather dull yellow,
bill black, feet light brownish pink.
S.C. green seeds.

6240. Widow ♂. ^{*Colinus passer concolor*} S.C. small grass seeds.

Libreville, Gabon. Feb. 12.

6241. *Pelecanus rufescens*. ♀. o. e. Iris
gray, tinged with purplish, lores
mottled blackish, eyelids & naked
orbits orange-yellow, bordered with
blackish posteriorly; bill pale
lemon-yellow, becoming pale gray
on outer part of mandible, tips
(or "nails") of both maxilla & mandible
light cadmium-yellow; pouch
light rufous and bright yellow,
the two colors alternating in

Boma

Jan 27, 1915.

it, as also on the Kalamu reservoir. About water-birds in the Bas-Congo I can say almost nothing, not having been out on the river, but there is said to be a fair variety of aquatic species, at low water at least, especially about the islands below Boma, Matcha I., etc.

6239. ^{*Xanthophilus xanthops* (Hartl)} Large yellow Weaver ♀. ovary somewhat enlarged. Iris rather dull yellow, bill black, feet light brownish pink. S.C. green seeds.

6240. Widow ♂. ^{*Colinus passer concolor*} S.C. small grass seeds.

Libreville, Gabon. Feb. 12.

6241. *Pelecanus rufescens*. ♀. o. e. Iris gray, tinged with purplish, lores mottled blackish, eyelids & naked orbits orange-yellow, bordered with blackish posteriorly; bill pale lemon-yellow, becoming pale gray on outer part of mandible, tips (or "nails") of both maxilla & mandible light cadmium-yellow; pouch light rufous and bright yellow, the two colors alternating in

Birds seen at Boma
not secured.

Common } on River
Snake-Bird } below Boma
Pigeon } (over)

Macropygia 4 times

Ardeotis

(few)

Podiceps (not uncommon)

Actitis 1. not

Numida (5 or 6) common

Actitis common

Francolin common

Circus (white throat's breast)

Chloroceryx thalassina - - - - - C.

Cathartus

Camagajana head at Leo.

Agapornis pullaris. 3.

Colaptes 7C. singly in

Macropygia 4. not

Upupa 3. (about 2000000)

Upupa 3. (about 2000000)

Upupa 3. (about 2000000)

of this species, was seen on an island below Boma, Jan 30th. None noticed on the Congo in coming down from Stanleyville to Kinshassa.

The present example was bought in the market at Libreville and was said to have been captured with the fish-net known as "l'épervier", which is thrown out over the water.

The scarcity of water-birds (as seen from the steamer at least) in the different ports at which we have called (Landana, Loango, Cape Lopez, Baboon R, Fernando Po (Sto Isabel)

rather narrow cross-lines, of which the yellow ones are slightly raised, feet (including webs) rather dull red, paler behind metatarsi and beneath toes, claws light grayish-green. Stomach contained 3 fish, swallowed head first, largest one 10 inches long.

A flock of pelicans, apparently of this species, was seen on an island below Boma, Jan 30 th. None noticed on the Congo in coming down from Stanleyville to Kinshassa.

The present example was bought in the market at Libreville and was said to have been captured with the fish-net known as "l'épervier", which is thrown out over the water.

The scarcity of water-birds (as seen from the steamer at least) in the different ports at which we have called (Landana, Loango, Cape Lopez, Gaboon R., Fernando Po (Sto Isabel)

not reaching wife? in
happens.
Long-billed yellow warbler.
Happening to be common
Parus gracilis (not common)

any some
they follow
a fresh
grass seed

e. Iris
l. toes
mashed
ered with
l. pale
pale gray
le, tips
a v. marked
pouch
yellow
ing in

is striking. There are usually a few large Terns, with light reddish beaks and black nape, which often alight on floating logs or buoys, but as a rule this is about all, tho an osprey ^(Pandion haliaetus) was seen at Landana, and a couple of *Cypohierax* at Bernando Po.

At this latter town ^(Sta Isabel) under the roof of a balcony, there were a number of nests of ^{affinis} white rumped swifts, *Cypselus*, like that collected at Matadi, and also seen at Bona & Libreville. They were built of feathers and  dry grass (or other similar material), shaped like nests of certain swallows (*H. puella*), with a rather small lateral entrance. The birds were numerous, probably 50 or 60 at least, and not shy. One dead and dried-up example was secured that hung by its neck from a nest, as tho it had been

caught by a hair or fiber
and strangled.

In Sierra Leone harbor for the first time we saw numbers of gulls, mostly a middle sized species (*L. cirrocephalus*?) the adults of which had gray heads, under sides of wings blackish, mantle blue gray, but wing coverts darker. One adult black-backed gull (*L. fuscus*?) also noticed. There were likewise many terns, partly *Hydrochelidon* in winter dress, the others resembling Common Tern, and only black on the back of the head. A few hites (*Milvus*) also hovered over the water, and numbers of brown vultures (*Neophron*) sailed about over the town and sat on trees and housetops.

The day after leaving Sierra Leone (no land in sight), there were ^(= jaegers) skuas, following the ship, sometimes 2, sometimes as many as 6 or 8. As we were making only 9 knots or so they would often sail down,

Mar. 7.
Kittiwakes 3.



On Feb. 28, Mar 2 & 3, these suras

alight on the water like gulls, and drop far behind; easily catching up to us again.

They varied considerably as to color. A few were sooty-brown all over; others were sooty-brown, but whitish about the vent, and ^{broadly} margined with whitish on abdomen, rump, and under tail-coverts. Still others were brown save for the ^{white} lower breast and abdomen, the undertail-coverts being dark brown, not margined with whitish; and in one the white of the breast went a little further forward and around the back of the neck. But the commonest pattern was this: brown on crown and sides of head, back, wings, tail & under t. coverts, whitish throat, hind neck, breast & abdomen, with a dark, rather narrow, breast band. Some of the last mentioned, and one of the pure-brown ones showed the prolonged & twisted rectrices, which were not pointed, so I believe they were all *S. pomatorhinus*.

On Feb 28, Mar 2 & 3, these shrews

(*Stercorarius pomarinus*)

S. curas

Feb 27-28^{Mar} - 12-3.

1. All sooty-brown
2. All sooty brown, but feathers of abdomen, rump & under t. coverts broadly margined with white.

3.



4.



nos 1 & 3 with
elongated rectrices
possibly *S. parasiticus*

5.



Mar 4. Kittiwakes 10 or 8 following ship

Mar. 6.

Kittiwakes 2.

Shearwaters

l. 5



back graybrown

base of bill yellow
underparts incl.
throat & under
wing coverts white
tail (above) whitish
on light gray with
black tip, square &
slightly rounded
rather short

Oceanodroma 1. gray above, white below
forked tail

Megalestrio (?) 2 brown, edged with
lighter color, bases of primaries white
at least had middle tail feathers
slightly elongated.

waters were noticed, flying low

still followed us, tho of course none were seen in the Harbor at Dakar. There there were many gulls, of two species, the lesser Black-back (*L. fuscus*) and a smaller, black-headed gull — tho only a few were black on the head at this season — with dark red bill, which I took for *L. cirrocephalus*, tho the tip of the wing was edged with black.

But the day before we reached Teneriffe Kittiwakes replaced the Skuas, mostly young birds with black-banded tail & blackish on nape & wing coverts, even the few adults having dusky check spots.

Numbers of lesser Black-backed Gulls were again seen at Santa Cruz (Teneriffe), and other gulls of the same size, but the mantle lighter and grayer, tho much darker than Herring Gulls, especially on the wing coverts.

About 90 miles northward, the following morning, 5 or 6 shearwaters were noticed, flying low

over the water as to be hidden frequently behind a wave. They were gray-brown above, white below (including throat & under wing-coverts) the bill mostly yellow, but dark at tip, and the rather short square tail seemed (above) whitish or light gray with black band at or near tip.

This same morning we also saw a fork-tailed petrel, gray above & white below, skimming along just above the water, which it would strike at intervals with its foot. (*Oceanodroma*?)

Towards noon (Mar 6) two Skuas flew about the ship, larger than those previously seen, brown with buff edged feathers and white bases to the primaries. One at least had the middle tail-feathers slightly prolonged (*Megalestria*?)

In many of the shops at Dakar where post-cards, periodicals & souvenirs are on sale one may buy bird-skins, roughly prepared & usually minus the feet. The species

I noticed there are as follows:

"Foliotocole" (*Chrysococcyx smaragdinus*)

Parakeet (*Palaeornis*)

Rollers (*Coracias*)

Rosy Bee-Eater (*M. rubricus*)

Oriole (a yellow-crowned sp. like that of Ule)

Glossy Starlings:

A small species of *Lamprocolius* like those of Ule.

A similar bird but with long graduated tail.

A small purple species with white belly

Sunbirds

A dark brown species with metallic forehead & red breast patch.

A *Nectarinia*, metallic green, even on belly, with 2 elongated black streaks & a red breast patch.

In one of these shops there were hanging 2 trogons (*Pharomacrus*) with long tail-coverts, evidently from S. America.

Every day, from Mar 6 to 9, there were kittiwakes sailing at our stern and hovering in our wake, perhaps even 8 or 10 at a time, and on Mar 9 a large albatross (*Megalestria*). On Mar 10 we ~~had~~ passed C. Finisterre; and were followed all day by a half-dozen lesser black-backed gulls, but no kittiwakes.

Inches

1

2

3

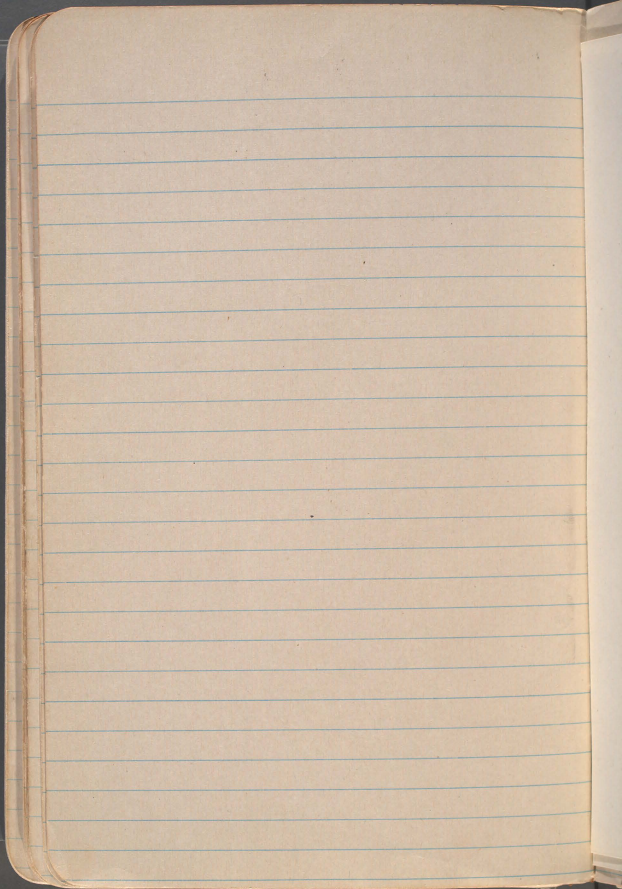
4

5

6

7

8



157311 - *Rhyechops* - *fairweatheri* ♂ June 18, 1915 Zambé, Bas Congo
 157312 - " " ♀ " 22, " " "
 157313 - " " " " " " "
 157314 - " " " " " " "
 157315 - " " " " " " "
 157316 - " " " " " " "
 157317 - " " " " " " "
 157413 - *Palactochrysa cinerea* ♀ " 22, " " "
 157414 - " " " " " " "
 157418 - *Oedemerus punctulatus* ♀ " 22, " Zambé "
 157419 - " " ♀ " 30, " " "
 157420 - " " *capensis* ♂ " 30, " " "
 157496 - *Durosta melanogaster* ♂ " 22, " " "
 157532 - *Epallia garzella* ♂ Sept. 6, " Panamá "
 157680 - *Eula capensis* ♂ " 8, " " "
 157681 - " " ♂ " 8, " " "
 157683 - *Pelecanus melanotos* 1 ♂ Jan. ? " Zambé (Van Somp)
 157763 - *Polyboroides typicus* - Young Jan 10, " Stanleyville
 158084 - *Chloris githioris* Dec. 29, 1914 Fome Br. Congo
 159465 - *Amphispiza* ♂ Jan 15, 1915 " "
 160625 - *Thamnolaea* ♂ June 25, " Zambé
 161157 - *Lanius collaris pinnatus*? June 24, " "

6291
6292
6293

162005	—	<i>Colinus</i>	<i>macroura</i>	♂	June 20, 1916	Zamora	Long
163002	—	<i>Buphaga</i>	<i>langi</i>	?	July 4	"	"
163003	—	"	"	?	" 4,	"	"
163004	—	"	"	♂	" 25,	"	"

Birds collected by Lang after my departure.

6242. Gymnogerys typicus, ♀ imm.
Stanleyville, Mar. 10, 1915, Stomach
filled with pulp of palm nuts, also
two small kernels.

Zambi, Lower Congo

6243. Rynchops flavirostris ♂ ad. June 28, 1915-
6244 " " ♀ ad. June 22, 1915-
6245-6 " " 2 ♂ juv. June 25, 1915-
6247-49 " " 3 ♀ juv. " " "
6250. Galachrypsia cinerea ♀ ad. June 22. "
6251 " " ♀ juv. " " "
6252 Oedicnemus vermiculatus ♀, June 28, 1915-
6253 " " ♀, June 30. "
6254 Oedicnemus capensis ♂ June 30, 1915-
6255 Lissotis melanogaster ♂ June 22, 1915-
6256 Pelecanus rufescens [♂] January?
Skinned by Dr. Van Saceden.
6257. Fiscus collaris smithii June 24, 1915-
6258 Myrmecocichla nigra ♂, June 25, 1915
6259 Burphagus africanus longi [?] July 4, "
6260 " " [?] July 4, "
6261 " " ♂ July 25, "
6262 Colinus passer macroura ♂ June 20, "

Bamana, Congo mouth

- 6263 Esquella gorgetta ♂, Sept. 6, 1915. "ov." not
enlarged. Lores grayish green, bill black, lower
part of mandible near base pinkish; feet

Inches

1

2

3

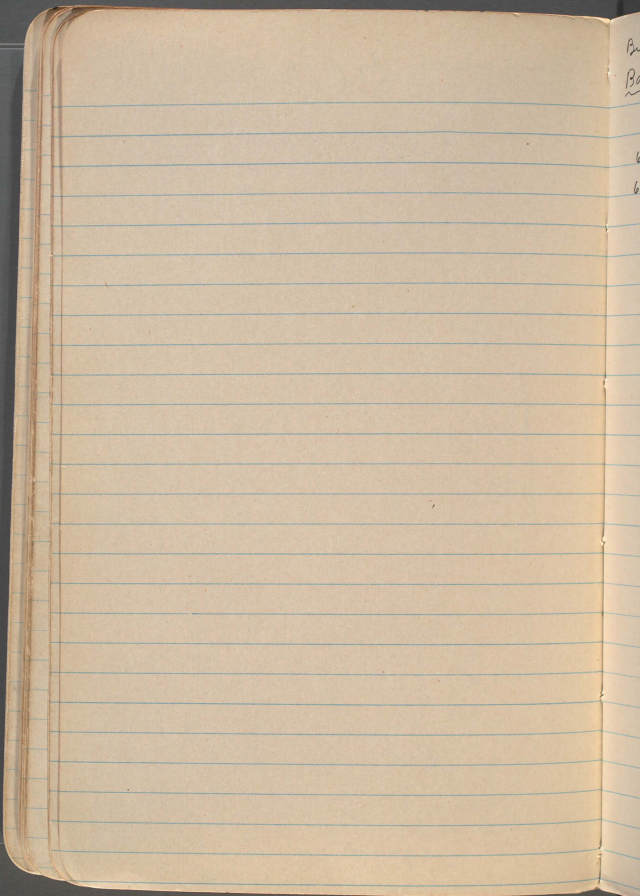
4

5

6

7

8



Birds collected by H. Long (continued).

Banana, Congo mouth.

black, toes and a little of tarsus above
them light green.

6264 Morus capensis ♂ Sept. 8, 1915

6265 " " ♂ Sept. 8, 1915.

— o o o —

10

Blank
pages



Egretta g. garzetta. ♂ Baranoe Sept 6.
1915. (A. M. N. H. No. 157572) "ov" not
enlarged. ~~Feet~~ ^{Legs} grayish green; bill black,
lower part of mandible near base pinkish;
feet black; toes & a little of tarsus
above them light green.



Fish.

Nowville Anvers, Dec 14. 14 — ^{Perch} Dusky green above and on sides, shading to grayish-white on belly (in front of anus); iris red-brown.

Coquilhatville, Dec. 16. (Fish shaped like *Polypterus*) Dark brownish green above, sides much the same color, but with a line of large blackish blotches, and mottled somewhat between these blotches with dull orange. Throat & rest of under side whitish mottled with dusky. Dorsal, caudal, & anal fins dusky-greenish, spotted basally with blackish & dull orange. Pectoral & ventral fins yellowish spotted with blackish. Iris greenish above and below, dark brown before & behind, & with a thin inner rim of reddish-brown.

Near Coquilhatville, Dec 16. *Polypterus* — General color above brownish green, with large dusky patches. Below, yellowish white. Pectoral fin dusky greenish on rays, base grayish, ventral & anal fins yellowish. Caudal yellowish spotted with black, dorsal translucent gray, marbled with blackish. Iris brown.

Coquilhatville Dec 16. Small compressed fish — White on belly, shading gradually to dusky above, but with silver all over, and also bluish reflections above. Many blackish horizontal stripes. Fins gray, a little yellow on pectorals & ventrals. Iris silver.

Irebu, Dec 17 — ^{Perch} General color above changing from light to dark green or brownish green, usually lighter below whitish on belly. Spots of reddish on base of each scale on sides of body, & dorsal, caudal, & anal fins dull greenish, thickly spotted with reddish, these spots varying from dusky purplish to fairly bright red together with color of rest of body. Pectoral and ventral fins dull greenish, also tinged at times with red, a large black

spot on edge of operculum, cheeks
with coppery reflections. Iris green above,
silver below; immargin red. Lower lip &
throat whitish, often tinged with blue &
green. Bright red markings often appear on
throat and chest, as in a related species
found at Avakubi.

Boma, Jan 1. '15. "White-Bait" — Translucent,
whitish all over; silver reflections on
sides of head and gill covers, also on belly;
a long silver band on side of body. Fins
whitish save caudal, which is pale yellow
with black tip. Top of snout & head tinged
with blackish. Iris blackish above, silver
below, and with a narrow silver inner
rim.

Kinshassa Dec 22. Large ground lizard.

Iris buffy-yellow. Crown greenish-brown
shading to orange-red on cheeks and sides
of lower jaw. Back and upper surface of
tail greenish brown, with a black
spot on the middle of each scale. Along
each side of the back, from the eye
nearly to the tip of the tail runs a greenish
yellow stripe, bordered on both sides
with black. Sides of body blackish above
shading to greenish-gray lower down,
and flecked with yellow. A yellow
line runs from the ear nearly to the
base of the fore-leg. Sides of tail
greenish-gray, faintly flecked with
yellow. Upper surface of front & hind
limbs rather dark greenish-gray.
Throat blotched with reddish & yellow.
Whole rest of under surface dull
greenish-white.

#7000-

7001-

7002-

7003-

7004-

7005-

Large Mammals.

#7000-

Red colobus ♀ ad. Lukolela. Dec 17. 1914.
TL. 127 LT. 69 LH. 17. LE 3.5

7001-

Red colobus. ♀ im. Lukolela Dec. 17. 1914
TL. 104; LT. 58.5 LH. 15. LE. 3.4

Iris in both specimens light brown, ischial callosities dusky-greenish. Stomach contained light green vegetable matter, probably chewed-up leaves.

7002-

Hyrax ♀ ad. Matadi. Dec 27. 1914.

TL. 522 LT. alt 12. LH. 6.8 LE. 3.5

HS. 16 HP. 16 LB. 33. 2 embryos in uterus. Stomach contained leaves, well chewed up, and with a slightly aromatic smell.

Iris blackish, ~~skiff~~ of nose, eyelids, ears & soles of feet black. The tail does not protrude, and cannot be bent upward, hence ^{the difficulty in measuring it}.

7003-

Hyrax ♀ im. Matadi Dec 27. 14

TL. 43, LT. 41. LH. 6.0 LE. 3.0

Stomach contained leaves, like preceding (whether had eaten any grass so far as I could see)

7004-

Bushbuck. ♀ ad. Boma, Jan 16. (1 foetus)

TL. 130.5; LT. 24; LH. 33; LE, 13; H.S. 65
HP, 70; LB. 65.

Rather common, hiding in long grass and bushes, especially in hollows.

7005-

Reedbuck. ♂ ad. Boma. Jan 17.

TL. 155; LT. 29; LH. 48.5; LE. 16.5

Iris brown, rather light anteriorly, darker and with a slight purplish tinge near pupil. With is elongated horizontally. Not uncommon, especially in broad valleys with long grass.

6423

Inches

1

2

3

4

5

6

7

8

