

Film 39

- 1-2 Flood plain of Rio Negro 11/23/20 Gu Roca
- 1-10 Rio Negro "
- 11-12 nest of "Chamaea" 11/24/20

Film 40

- 1 do.
- 2-4 Rio Negro, Gu. Roca 11/24/20
- 5-8 Hills "
- 9 yellow-flowered shrub "
- 10-11 ? "
- 12 hills 12/2/20

Film 41

- 1-12 ~~channels~~ Rio Petrified wood hills etc. 12/2
- Channels Rio Negro, Gu. Roca 12/3/20

Film 42

- 1-5 Hills Zapala 12/7
- 6-8 Thinneys 12/9
- 9-11 Vines "

Film 43

- 1-7 Marshes, Lago Epuyen, Calafquén nest 12/15/20
- 8-10 do Carhué 12/16
- 12 nest of water rat 12/18

Film 44

- 1-2 nest + site of nests 12/18
- 3 Carhué "
- 4-8 Caldera, Victoria 12/23/20
- 9 cactus "
- 10 nest site *Desmoptera unguis* 12/24
- 11-12 " *Phryganea* 12/26

File 45

1-5	Victoria	12/26
6-8	Monte	12/27
✓ 9	Sully	"
10-11	Sombre water	12/28

J. Ameghino - las Argentinas al traves
 de las ultimas épocas geológicas
 disertación pronunciada al
 inauguracion de Universidad de la Plata
 1897 ..

Bahia Blanca ¹² 10:00 / ¹³ 10:00 / ²⁰ 10:00
 Orange thro Synalax ~~106.5~~ ~~107.5~~ ~~108.0~~ ~~106.6~~ ~~107.6~~
 Gull-billed Tern 32
 Falkland Plover 5-5
 Brachyospiza 9:30 107.2 106.5
 Brachyospiza ♀ 9:30 108.3
 Ceryle ♀ 9:45 102.5

Dipterocatchers feeding on crabs running
 after them & pulling them out of
 holes with long bill!

Pisobia fuscescens 125
 ✓ Orange thro Syn. 9:45 107.6 107.6 108.0 108.5 106.8
 ✓ Black Finch yellow bill 11:00 108.6

5571 ♂ ad.

2 ♀ ad.

3 "

4 ♂ ad.

5 ♀ ad.

6 "

7 ♀ im.

8 "

9 ♀ ad.

} skull
 thin
 skull cancellated
 care for small area

81 ♂ ad.

3 "

4 "

5 "

6 ♂ im.

Buy
Jabon rutilo

Algodon

histonin

Empacha copias a Buenos Aires.

Driving T Brown

44 Saavedra

13a

7/14/20

left Bahia Blanca 1.30

Country above was dry with grass turning brown.

Approached west side of range of hills & continued down them as far as Saavedra, approaching close to Donquist. Country rolling with occasional deep cut arroyos with running water. Broad patches of extensive fields of wheat. One or two estancias with large plantings of Ous. Mountains bare & open. Beyond Saavedra country greener & better watered.

32 golden Plover

Ans, Carhué 7:35.

pop. 8,000,000

Carlin. 12/15

Lesser yellowlegs 150 among rocks, wild
a number of cripples

Wilson's Phalarope \$0
Golden Plover 2

Pectoral Sandpiper 1

gulls. 5000+ swimming in lake

note an abrupt tick tick. Occasional
pairs swam toward one another

jerked heads up & down once or twice
swam for a few seconds with breasts
touching shaking head with a quiet
jerk occasionally & then separated.

Mitre ♀ 8:30 107.8 ♂ 8:30 108.7 ♀ 8:45 108.3 ♂ 9:45 107.8

Actitis macularia ♀ 9:30 107.6 ♂ 9:30 107.6 pair working on
open ground. ♂ 11:00 108.2 ♀ 11:15 108.0

Phalaropus 9:00 106.

Trachypod 9:00 ♂ 107.6

Chimney 9:30 104.0

Charadrius falklandicus 10:15 106.0 note a

sharp start
Belonopterus ♂ 10:30 105.0

5587 ♂ ad. 96 ♂ ad.

8 ♂ 98 "

9 ♂ yg 9 "

90 ♀ ad. 5600 "

1 ♂ ad. 93 ♀ ad.

2 ♀ ad. 7 ♂ ad.

4 " 5601 "

5 "

12/10/20, Carhni

5602 ♂ ad.

5 ♀ ad.

6 ♂ ad

7 ♀ ad.

8 ..

9 ..

10 ♂ ad.

13 ..

12 ..

14 ..

15 ♂

<i>Trupialis militaris</i>	107.0	8:00	108.5
<i>Phaeoerythrus</i>	106.0	8:15	
<i>Podiceps calypareus</i>	102.6	8:45	♂ 103.0
<i>Trupialis defilippi</i>	108.2	10:30	108.6
Mute	108.7	11:45	
Pupit	108.6		

Carthmi 2/17

Muscivora tyrannus 7:30 109.8 Sharp explosion call note, tick tick.

Zenaidura macroura 8:30 107.8

Myospiza 8:45 106.8 Bird on fence giving clear trilling song

Empidonax affinis 8:30 108.0 9:00 108.0 9:30 109.8

Blackcap 8:45 107.6 Note a low tap that carries little in wind. O

Males rise 50-60 ft in air, then drop down rapidly give high pitched song in a way with a meandered like cadence and then drop rapidly to ground with shrill rattling note. Alarm call a Redwing like chirp. Sit wings above back fully spread come down in which it has low chattering call. 10:00 109.8

Antus furcatus 10:00 108.0 Call a sharp chirp. Birds walk on ground without wagging tail. As I pass over fields males rise and flit along near me ~~rising~~ flying with anterior portion of body raised rising & falling with the shifting gusts of wind. Frequently dart down & pass repeatedly over female on ground. 10:30 108.0

Monarch butterfly wings worn

✓ Columba ^{12:30} ~~12:30~~ 107.0

5616 ♂ ad.

17 ♀ ad.

18 ♂ ad

19 "

20 "

22 "

3 "

4 "

6

7 ♀ ad.

25 ♂ ad.

Carhué 12/18

8:30
107.8

Philocryptus seem now to
be in molt. Many show alternating
tendrils. Specimens probably very sedentary
& it is doubtful if either passes beyond
natal range. For this reason is
becoming decadent
Mist. Nest a slight cup of fine
grasses lined with horse hairs 1/2 ft
from ground in center of clump of
stiff grasses. 4 1/2 5, down which
Phylloscopus 10 6 10' no distal digits
on toes.

5631 ♂

2 ♀ ad

3 ♂ im.

4 ♀ ad.

5 ♂ ad.

Throat full. Laying.

12/20

Corkin to Paraguaría.

2 guanacos

shot and Owl struck telegraph
wires when startled by train.

Immense areas of pampa
formerly boggy & swampy affording
homing for shorebirds but now
dry pastures or fields with marsh
areas restricted to low swales
and hollows. The result has
been to destroy by far the major
part of the habitat suitable
for wildfowl. Stock farming
rather than cultivation is to
be blamed for this in
wading. As in other regions
suited for pasture this was
the first major agricultural
industry to develop in the
Argentina. As it grew the
land was spotted far heavier
as it would stand. As explained
previously in my notes this
resulted in draining & packing
ground or in entire change in
vegetation. On this shift
the waters were crowded out

The Argentina is due for a tremendous development in the next 20 years. The Pampa is a natural rich agricultural district it will become settled as the big Estancias make up - see this settlement the shoreland that winter here in flocks are downed - Only three species may persist that are the yellowlegs scatter out in any geographic pool or that are the white-rumped Sandpiper frequent the marshes.

Canyasales

Pasturing too has destroyed some high vegetation of the Pampas so that now the wind sweeps much of our broad areas. Borders of ponds and small lakes are entirely open as succulent marsh grasses & rushes are eaten down by stock in search of food rather than the harsh upland grasses. As a result waterbirds have no shelter. (Note that I found yellowlegs & Wilson's Phalaropes seeking shelter of rushes at Carbon

Check up on former heavy
vegetation of Pampas -
Got little Plata changed to a mixed
train for Barraguaná, Country
between these points more level
but was dry. Grass in pastures
short. Extensive grass crops in
~~some~~ grain. Oats about ready
to cut, wheat in head, all
headed. Corn from 12 to 20 inches
tall.

A few *Zenaidura macroura*
and *Myadestes occidentalis* scattered
Amphispiza bilineata. *Pipilo maculatus*
pyrrhuloxia seen just from the
border of our first pool into
the shelter of a grainfield.
Occasional shallow ponds
but with little attraction for
shorebirds. Country open
with out trees and little settlement.
Barraguaná at 1:10. Usual
creamy little pampa form.
Changed train to B. & P. leaving
at 3:10

Instituto Biológico Argentino,
Dr. Desiderio Selvaldi
Buenos Aires

Mr. Herrera - Ducloux
Churruarico,
Prof. de la Univ. de la Plata en
Buenos Aires

Data on Lago Epiguay. I
think that the water of the lake
is bottled and sold as a purgative.

Monarch butterflies are
mating. I have seen no milkweed
here. Is it possible that they
deposit their eggs on the abundant
thistles?

What harvest you can see early
white doves & detritus are
breeding so that it escapes
consumption by large flocks of these birds.

As far as Catrileo County
rollery, broad fields of wheat
on either hand, some green and
in a few fields cutting by
Beyond Catrileo County more

level. Extensive fields of alfalfa
with fine herds of cattle grazing
in them. On occasional small
pools of alkaline water occupying
some hollow only place for
fringe birds. Country held in broad
estates with ~~but~~ few houses
in country. Development has
come within last 10 years
with the construction of this
line of RR. from Bahia Blanga to
Medezga. Some new business
prosperous, large wheat warehouses
at every station.

Short-eared & Burrowing Oubs
common. Many *S. seiffertii* an
occasional *T. multicolor*, *Zenaidura*
macroura & *Bonaparteus*, *Melospiza*
nothing else - *Progne subis*
at stations.

arr. Pico 9:05

1²/22

Air sharp & cool this morning
Pico a thriving town in center
of agricultural district.
I found crowd of people at station
and confusion when train arrived.
People pushing & shoving, passengers
climbing on & off so that
at times it is difficult to get
aboard. 1st Coach an clean & comfortable
brown and each is marked on
the side with the destination.

Left Pico 8:20 A.M.

Country to the westward level
in grain & alfalfa. Broad fields of
alfalfa in blossom and a few
peaches. Some fields of wheat
already harvested.

The drainage shallow depressions
had slight alkaline spots but
country very dry. All ~~underbrush~~
~~underbrush~~ - color dark
with dark eyes & dark hair indicating
a more or less strong infusion of
Indian blood. Hair in many cases
prominent nose & slightly oblique
shape of Spanish ancestor.

dress, light jacket & trousers; a
 knit muffler or handkerchief around
 neck, tucked in front, many things
 exposing bare skin below above
 shirt. Many wear round caps
 without visor. Shoes of low
 slippers of canvas with felt
 or brinded cloth soles. Moccasins
 often balungas, loose & baggy in
 packing, containing or tying
 close at ankles. Men from
 below -

A few kilometers beyond Boreaf
 Monte appeared

5639	♂ yg.	8	♂ ad.
40	♂ ad.	9	♀ ad.
43	♂ im.	60	♂ ad.
4	"	1	♀ ad.
5	♂	47	♀ ad.
8	♀ ad.	49	"
50	"		
1	"		
3	♂ ad.		
4	♀ im.		
5	♂ ad.		
7	♀ ad.		

12/23 Victoria Camp

Tyrannus melancholicus ^{6:45} 109.9 Pair acting like low Kingbirds ^{8:00} ♂ 108.6

Cuckoo ^{7:00} 105.6 Bird resting in sun in upper branches of tree. Note course cow-w cowd cow in low

→ sound like the call of the yellow-bill ~~with~~ but without

the clucking rattling termination

Elanoid ^{7:00} 107.2 Bird in low trees

Phytoloma ^{7:30} 107.4 Oregon. Note very peculiar a grating ~~resembling~~ drawing out double call exactly like the

sound produced on two dry limbs rubbing slowly together in the wind! Birds in low trees on

dry limbs. Males fly with exaggerated rapid beats with partly open wings like flycatchers.

Synallaxis white line on eye ^{7:30} 106.8 birds creeping climbing on limbs & hopping through branches of trees. Song

tee ten tee tee tee - e-e-e-e - a trill like others related ♂ & ♀ singing carrying food to young.

Hydrochelidon ♂ 7:30 104.0 ♀ 7:30 106.4 Birds

in ground in open places around
lunch grass. fly up with sudden
rattle of wings & stop back to perch
on ground. jerk up & down to
full length of legs opening &
closing mouth

Myiarchus ♀ 8:15 108.2 male with Chury
grasshopper like song.

Brachypteryx 8:30 108.2

Brown Pooipiza 8:30 107.5 in tree.

Small Hawk 8:30 105.0 Quezalons whiny
call like that of *Brown Thrasher*

Crested Brown Humbird 9:00 106.5 9:30 107.0

loud & chattering. Pair hopping around
in limbs of tree as alertly as jays
pecking at limbs & perching out
a few behind cover, flight undulating
curve with pendroclated 9:00 108.9 10:00 106.8
tree to tree ahead with undulating flight
hopping along on inclined limbs
note loud whee whee whee

Motothrus badius note low chest
brown prominent in wings in flight

Tanager bonariensis song loud
high whistled note repeated several
times.

Crested Longtail 9:30 108.0 Searching & clambering through small limbs, in actions like a Tit.

Large Striped Woodhewer 10:00 107.5 at times running along on sloping limbs instead of watching like a woodpecker.

Supplanted white line over eye patch at head wings like little woodpecker

10:00
Jauniflora bipinnata 109.9 nest in hollow in crotch of cedar in opening 8 in in diameter, entrance through a slight crevice in side, nest lined scant w/ fur feathers. 1 egg skin ~~black~~ very dark, down ~~white~~ gray

5662 ♀

64 ♂ ad

65 ♀ ad.

67 "

9 ♀ im.

70 ♂ ad.

2 ♂ im.

3 ♂ ad.

4 ♀ ad.

5 "

6 ♂ ad.

78 ♀ ad.

80 "

2 ♂ ad.

3 ♀ ad.

63 ♂ ad

77 "

66 "

Victoria 12/24

Crested Brown Humbird ♀ ^{6:45} 107.0 Birds
bird stick nest as large as bushel
basket 15-20 ft from ground call
in clump loud nasal calls bring
with rattling notes that recall a
Melampus.

Gray Flycatcher Blk & yellow Crest ^{7:00} 107.5, Birds
have high pitched & squeaky note for song
like nest call of goldfinch.

Phytoloma rufula ♂ ^{7:00} 106.4
Small Crested Flycatcher ^{7:15} 107.0 low from
wood.

Gray-brown Squalled Spotted Thrush ^{7:30} 107.0 nesting
in top of tree

Squalled White eye ^{7:45} 107.0
Whitney ^{8:00} 107.5 low pitched movement
Elaina ^{8:15} 107.8

Tyrannus melancholicus ^{8:30} 110.0

Mniotilta ^{8:45} 109.0

Loosening black band on breast ♂ ^{9:00} 107.5 ♀ 108.5

Birds searching through low limbs
in young trees. flight heavily tilting
such flight with prominent display
of white outer tail feathers.

Squalled Red house ^{9:15} 106.5

Pipilo ^{9:30} 107.6

Dodgingino. J., ha Argentina en las ultimas
epocas geologicas p. 24.

Basalt deposits found under sea during
the upper oligocene. Apparently it is
these that I saw at Zapala
forming the cap of the Sierras on the
south. At this time the sea had
inundated the plains near now.

Following this perhaps in lower Miocene
came the fluvial gravel deposit that
today form the surface formations
in Patagonia from the Rio Negro
to the straits of Magellan. This
known as the Schuelcher formation
is apparently of mountain origin
& formation

Apparently p. 30. The pampa
region was again inundated during
the Pleistocene

Victoria 12/26

Myospiza ♂	7:00	107.6	9:00
Melospiza ♂	7:15	106.6	7:30 ♀ 108.8

Nest in
thorny bush in small open thicket
6 ft from ground of thorny twigs
lined with fine soft material
a high bulwark of coarse thorny
twigs around margin

15 in. *Phryganeus* nest in old stick nest
~~at foot~~ in diameter. Nest had been
broken open in side beneath 8 inches
had lined the cavity with grasses
nest in dead bush in open.

7:30
♂ 1078 nest # 2 in globular stick nest
4 ft in diameter 8 ft from ground.
Entrance through original opening.
nest lining of soft materials (eggs)

10/1 Melothamn
7:45
Black French yellowbill 1089 among bunch
grass in open pasture. Flies up
with undulating flight to perch on
top of bush with twitching tail.
Very wild, pitches down occasionally
to hide in grass.

8:30
♀ Phryg. 1065 nest # 3 7 ft from
ground in large stick nest in
good condition nest lining of soft
plant down & feathers probably original

9:00
Pachyramphus 1062
antibaryx cirrifer
1070 9:00. Bird resting
with jerking tail among honeyeater limbs
in isolated tree 10:00 1064, flight slow but high

10:00
Amurina 1062 giving usual
crackling song near stick nest

10:15
Pipit 1068 on low limb

5685 ♂ ad. breeding
6 " "
8 " "
9 " "
90 ♀ ad.
4 ♂ ad.
5 "
7 ♀ ad.
8 ♂ ad.
9 ♀ ad.
87 ♂ ad

Kolent Kaitke -

Dirección General Hidrología geología y Minas
Calle Mayo cerca Plaza San Martín
Ministerio de Agricultura
Balneario

Servicio de Salubridad

3 boats making 3-4 trips per month
5 days to trip. Possible to go & return
to Comodoro Rivadavia in 20 days

Victoria 12/27/20 6:45

✓ Red cap Sapsucker d.g. 106.5, 107.6

✓ Yellow Cardinal 107.0. Singing perch
in leaves in top of tree. Wist. tree wist. tree
treekwa wist. tree a loud chugging
song. Note an ^{7:00} migratory trip. nest on top of ^{nest} limb

Chrysomitris 107.0

✓ Alouatta elegans 104.6 flush with
heavy rattle of wings & low
whistled notes

House Wren ♂ 108.5 8:00 8:15
O 107.6

✓ Pseudopipilo 107.6 8:00 8:00

Phytoloma ♂ 106.3 107.2

Myiarchus note a low ^{whistle} ^{8:30} ^{110.3}

✓ Black Flycatcher white in wing 107.6 - 8:45
an alert Flycatcher frequenting little
springs in heavy brush. A sharp
explosive note followed by loud
chipping of bill

Crachaptya 108.0 9:00

✓ Saltator Black band on chest 107.6 10:00

Small long-tailed Flycatcher 107.2 10:20

5700 Fin. 09 ♂ im. 19 ♂ ad.

1 ♀ y. 10 ? 21 "

02 ♂ ad. 11 ♀ ad. 13 "

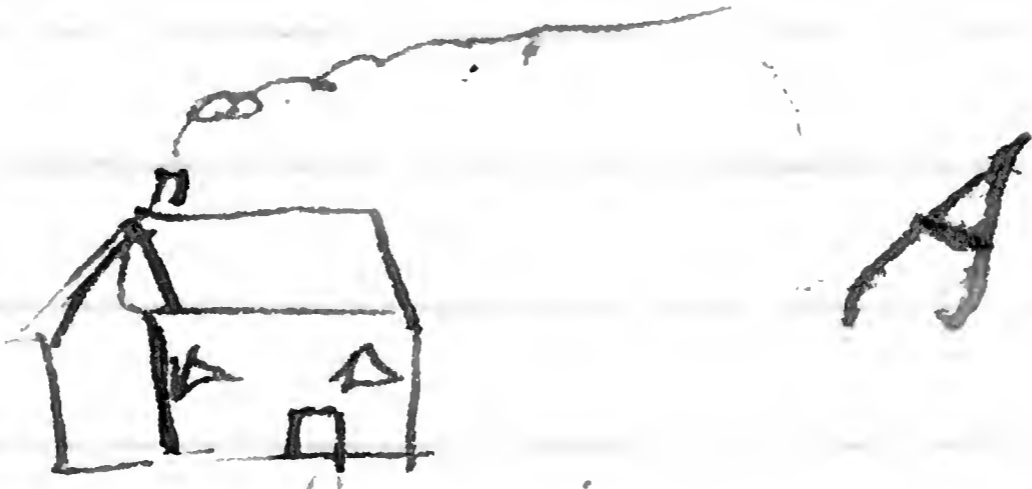
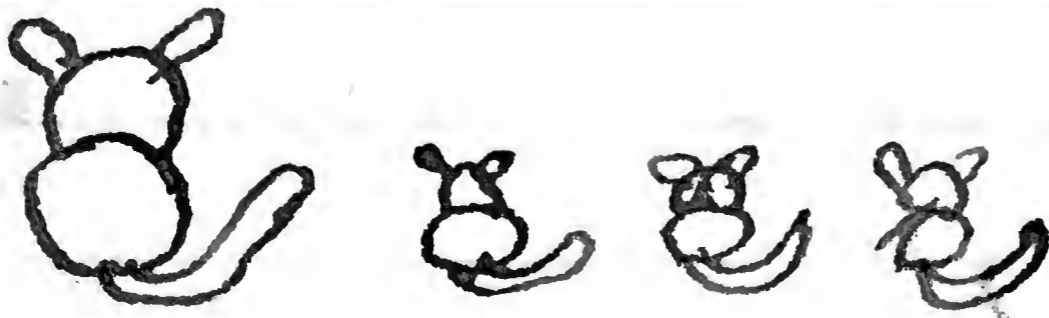
5 ♀ y. 12 ♂ ad. 22 "

6 ♂ im. 14 " 18 ♀

7 ♂ ad. 16 " 20 ♂ ad.

8 ♀ 17 ♀ 03 ♀ ad.

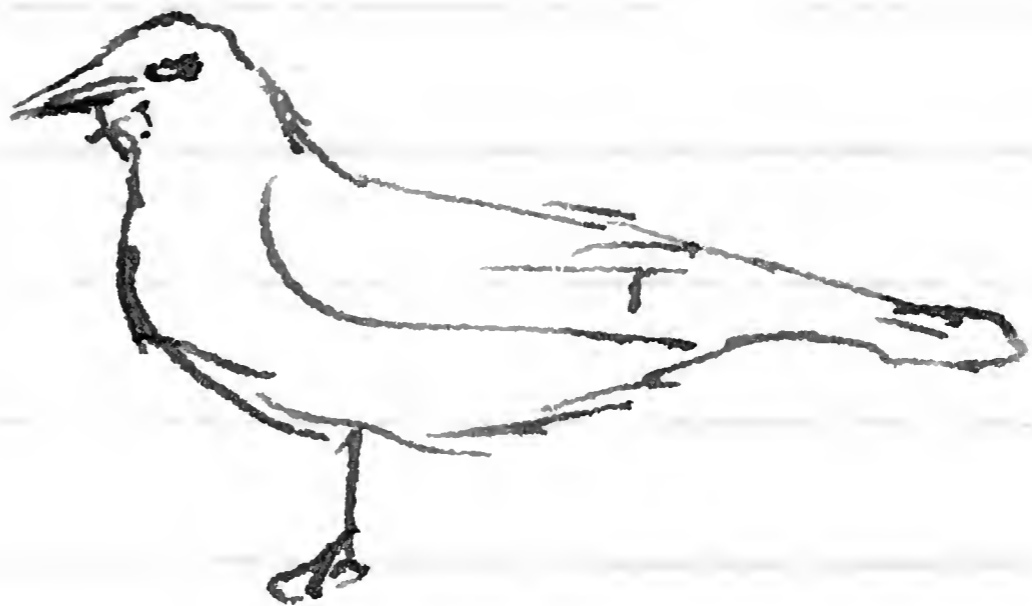
Airan life here very abundant
but will disappear with clearing
of forest.



A



A B C



Victoria 1/28/20

7:00

Orange-throated Syllardid 107.6 107.6 Birds
tapping around in branches of Juniper
tree.

Parrot 7:15 107.0

Oxyechus 7:20 107.2 Bird humming steadily
over bank of tree - flight undulating
note a low rattle

Crested Syllardid 7:30 106.2 8:30 9:00
107.0 106.4 note a low

✓ Brady tou-ee-ee flight like in
injection. Birds work about ends of branches
summing leaves in dense trees like.

somber toots. Difficult to see.

House Wren 8:15 106.8 8:30

✓ Red cap Syllardid 107.7

Chimango 8:45 105.6

Sparrowhawk 9:00 107.6

Muscivora forficata 9:30 107.8 107.8

Procyonides ♂ ad 108.0 10:00

White-winged Falcon 106.2 10:00

Columba maculosa 105.0 Birds rest

quietly in shade on broad limbs of
Algarrobas. Note a strange loud

growing call that I attributed at
first to some carnivorous young in

a hollow, nor was I sure of its

identity until same call was

attended by a wounded bird

5723 ♀ im.

4 ♂ ad

7 ♀ yg

8

9 ♀ im.

30 ♂ im.

32 ♂ ad breeding

33 ♀ im.

34 ♂ ad breeding

36 "

38 "

40 ♂

42 ♂ ad.

43 ♀ ad.

44 "

5 ♂ ad.

35 "

26 ♀ ad.

25 ♂ ad.

} bill dull black, iris slightly darker than pearl gray, ~~eyes~~ & toes neutral red, nails black.

Victoria 1/29

Crested honeyeater ♀ 10:00 Notes low & slight all hopping actively about in trees tops ~~feeding~~ fully grown ♂. *Querivivax cristata* 10:18 singing from top limb of low tree usual cheery somewhat broken song, crest raised. Callnote a faint tweet.

Song of *Phytoloma* may be likened to
fugled croak ^{7:30} or to squeaking of
Water ^{7:15} \bar{F} 107.2

Pachyphria 107.2 feeding young young
bird which followed through ^{7:30} limbs

Hydrochelidon *juvifer* \bar{F} 104.3 \bar{M} 104.0 \bar{M} 105.8

Birds resting on ground at base of
~~tree~~ ~~seen~~ rather than bushes in

little bare spots between small clumps
of bunch grass. Three near together

and had been resting here for
some time as shown by settings
of feet & feet. Birds flush lightly
with rattle of wings & alight to
bob up and down. One in molt
& shows especially molt of rectal feathers

Redcap Squalacid ^{8:00} 106.8 Call note sharp
anphatic tail tail.

Hydro. *Juv* \bar{M} ^{8:15} 105.3 Rises lightly to
pass over tops of bushes with zigzag
darting like, low growing with
termination at times in sharp
creek. Noise made by wings in
rising is in part from striking
of tips above back in part by
rattle of feathers

Cactus. octagonal

Minus Trurus yg ^{8:30} 107.6 yg rest quietly
 on shaded open perch but hop
 alertly away to cover when alarmed
 Cospiza black band on breast ^{8:30} 107.6 ad
 low perch

Cospiza brown breast in little flock
 flew up to alight in tall tree. ♂ ^{9:30} 107.2

Gray Flycatcher Blk & yellow crest ^{10:15} 107.5
 Myzobolus ^{10:30} 108.6

Black Flycatcher white in wings ^{10:45} 107.3

Dendroica coronata ^{10:45} 106.8 song ~~soft~~
 rather silent, with little carrying
 power given with great earnest
 endeavor

- 5746 ♂ im.
- 7 ♀ ad.
- 8 "
- 50 ♀ im.
- 51 ♂ im.
- 2 ♂
- 3 ♀
- 4 ♂
- 8 ♀ im.
- 9 ♂ ad.
- 60 ♀ ad.
- 62 "
- 64 ♂ ad.

- 65 ♂ ad.
- 6 "
- 7 "
- 8 "
- 9 "
- 61 ♂
- 49 ♂ ad.
- 55 "

Vizcacheros

puma

Victoria

effect of burning

is same as clubs.

Chorloco

Alpataco = Vinal

S.A. from Bolivia to Patagonia
a more or less humid area
along Atlantic coast and extending
along base of Cordillera where
climatic conditions are more or
less constant with rainfall
and no extremes of heat or cold,
A vast central region that
may be extremely dry or when
may fall torrential rains, when
changes are constant. The first
two areas offer certain homes
for shrikebirds, the latter is
inhabited by them only
irregularly.

January one, 1921

line of D.C. Q. runs through higher
drier country than others traversed
as yet. Few lagoons in sight.
Country green but with appearance of
mid summer. Corn in flower tassels.

At stations I heard familiar rattle
of Ombird (Siipacha) and complaints
of Kiskadus (Chivilcoy Sud).

Birds here in the Argentine north of
Patagonia are abundant, equalling or
exceeding the situation in the Central
Miss. Valley. Many in sight from
train. birds maculipennis, Tulu,
Chinango, blackbirds, Kiskadus,
Ombirds, Brachypteryx, etc.
In dry country *Zenaidura macroura*
takes place of our mourning Dove.
Pampas level here, entirely cultivated
or in pasture.

At night pastures thick grass
higher than backs of cattle in
great profusion.
Male drinking has a tendency
to develop a fullness of the lips near
the center, noticeable especially
in the lower lip, which often is
slightly protruded or pointing!

Rhynchocryptus lanceolatus - Crested Pteropodid
" " fusca - brown "

Dabbini

Proc. New England Zool Club.

both of ranges of eastern &
western Golden Plover,
Tasmanian etc in Ridgway.

Ceratophrys ornata - Esmerzo -
Land turtle - Isthmus Argentina
Mute = Scelis Arvensis

Saltator black band on breast = S. aurantirostris.

Blue grosbeak - Cyanocorax cyana

Brown Flyc. Junco: Cassin's Tanager (Cotinga)

Gray Flycatcher BK yellow crest - Empidonax auranti-gro-
"Pachyphylax" = Serpophaga crabatus

Small Crested Flycatcher - Striped breast = Anseretes

Black Flycatcher white in wings. Kingbird anthracinus

Puncos y Juncal

Cebollote. (Rio)

Montevideo 1/9/21

Regulus collaris, call tree a sharp metallic. little note varied to a lower trilling tw-v-v. Bird appears buty legged and it runs and running that so rapidly that legs fairly blur. Chirping conspicuously about one spot when it had other nest v young.

C. Falklandicus b. family?

Running ~~fast~~ along pausing at short intervals to thrust bill quickly in sand occasionally ^{purposely} pulling out some marine worm.

curiously enough the common shore *Tamias gallica* & the common bird *Passer domesticus* are both straggles

Stomus Superciliaris. darting at my head with sharp complaining calls.

Royal Tern 40.

Common

Pitangus

Belonopterus

Brachyptera

leucocnemis

" maculipennis

hichenoys several

Fox-tailed Flycatcher a rattling
note in addition to usual
flat call.

Quetta - several in mudams
occasionally twitches tail
rapidly

Dull-billed Tern

Pronged

B. Compterus "

Pitangus

Columbula picus

Zenaidura macroura

- Chimango -

- Dapla spinicauda -

Mitris flavirostris -

Aechmophorus major.

Syndberg -
Defensa Agrícola -
25 de Mayo 679.

Jefatura Política -
Pineon y Ciudadela
Pinto - Jefe de Policía - Secretario

10-2 am. Legación

5. Museo Nacional
2-5 1/2, Buenos Aires y
Bart. Mitre

Estadística Agrícola
Piedras 621

Antonia de Husich
Punta Ballena
Maldonado
important birds.

Director Museo Nacional
H. J. Devicenzi -

American Legation
18 de Julio, 1056.

Fountain

3 female figures, one upright, 2 reclining
pleasing but not especially well
done. On plaque below on one side
a small armadillo, a tamandua
and a partly submerged capuchin all
finely executed; on the opposite side
a jacara - shell wood species.

Surrounding them at base from figures
Cardea coccyz, *Cygnus melanocoryphus*
Cairina moschata, *Phoenicophaea*

7 turtles ~~sculpted~~ half erect surrounding
main figure have water spouting from
mouth. Animals finely executed.

J. W. Haddon
Bello Horizonte
Minas Geraes

E. O. Kutzleb.
Buenos Aires
Alsiere 492 1st floor

~~negative and loan to Sundberg.~~

Sr. Saralege

Dr. Buerro

11, Fri.

Montevideo Zoo 1/3/21

Sphingus magellanicus. pupa found
ground, Membrana nictitans
transparent. Bird pines feathers
of throat by rubbing gently
over roughened upper surface of
wing.

Agria in feeding partly gills
fill & ~~draw~~ swinging head
from side to side, draws the
slender blades of upper laterally
through ~~mouth~~ walking rapidly
along at swimmer tempo frequently
with beak submerged up to
eyes. I saw the rapidity of
the motion & judge that
any living prey is compressed
between broad blades of mandibles.

Chaja emitted rattling ~~note~~
note like purring of distended
distended bladder. wholly internal,
bill not opened & head turned
freely from side to side; occasionally
fore part of body is very slightly elevated
as ~~ground~~ is made to drop as it crosses.
used a warning note when swans
etc approached too near.

Buenos Aires, Jan. 6, 1921
Mr. Dabben tells me that Eusebio
Bertoni has noted that Euphorbia
was the posterior border of the Stemmen
cature.

~~Gruta del Palacio~~
~~En la Cuchilla de Marmet~~

Must be made by forcing air through openings in pneumatic chambers, perhaps from larger to smaller vessels.

~~Significance taking~~

held & judged that it is the rumbling made by distending & deflating small cells across part of body.

Pronounced with intake of air after emission of loud calls.

Swims with ~~slight~~ ^{regular} posture, strokes of feet, make slow but steady progress.

Elk bull with antlers fully formed, in velvet and beginning to strip.

1/4/21

The Prails

Macrotomis, note a soft sweet dee-ee. given as song.

Armbird abundant

Columbula fuscus common

Phaenogenus tapera

Pitangus

Fusces

Brachypteryx

Carrasco 11/6/21

Catfish - a row of bony plates
along side armed with strong
hook like spine, extending clear to
tail. Bony breastplate passes back
to back of dorsal spine

Bulky

25 de Mayo 581

Dr. Verzi.

Subser. Min. anterior

Uruguay 823

Friday A.M.

Montevideo, Jardin Zool. 1/19/21

Chamaehyaedus undecollis, size of
magpie, white with slate gray
primaries & secondary, throat
& lower breast, greenish blue in color.

Bird in calling opens mouth
slightly, inhales then gives
changing note opening mouth widely
as note is given the upper
breast just over the furcula
opening swells suddenly and
pulsates then drops back to normal.
A shrill note very piercing, repeated

several times was accompanied
by an evident ~~expansion~~^{swelling} movement
with each note. Evidently the
sternotracheal muscles come into
play here too in movement of larynx -
Wood ducts in eclipse.

Biblioteca Nacional
Ed. Acevedo 1475
37, 38, 39

Minerva Brasiliense -
1840

- Branner
Wilder

Gruta del Palacio
En la cuchilla de Marincho
Dpto de Flores
Known as "Rincón del Palacio"
4 hours by coach from Trinidad.

- Ellis -
- 1894 - Aglin -

Berg, C.

Descripciones de algunos Hemipteros
Heteropteros Nuevos. Pocos Conocidos
Anales del Museo Nacional de
Montevideo, 1894, pp. 13-27.

~~Jan.~~ Jan. 22, 1921
Montevideo - San Carlos.

catch out past Bay getting fine
view of El Cerro in clear morning
air. I returned & proceeded actual
train with small but comfortable
Coaches. Travel rapid.

Country traversed rolling
resembling eastern Kansas
but with more steeper
& frequent outcroppings of
metamorphic rock. Well
settled. Sense of sound with
sharper note. Hills of corn
& potatoes cultivated with
pastures. Corn varied from a
foot high to that in ear.
Counted grasses corn & grain
though beginning to show traces
of late summer.
Sugar cuts & a factory.
At Bahuanos de Solis approach

A line of hills the Serra de
Munro, rising abruptly with
irregular slopes. The
little valley covered with
bush.

Accommodations for a day or
two might be had at Los Hornos.
Insects abundant.
Doves, Coucins with many nests
on telegraph poles, Crows, Nuthatches,
Columbids, Jays, Siskins,
Arremones singing at stations.
Chimango, 1 Black Vulture
at Los Hornos.
Lv. Montevideo 9:10
Arr. San Carlos 11:00.

La Palma 23/21

Saw La Palma F. C. La Palma 1.50

Bus .50 chos. 20

Tours 2 Killdeer

Claima top tip in mounded tree.
Two perched together on little twig
one evidently with food for young.
I really think hopped up seized the
morsel, tumbled for an instant
pulled it way a swallowed it.

Arboreal nest on perpendicular
side of clay bank.

Small delicate black band on
breast. Not low breast or a
low tail. Birds perch on tops of
bushes with twitching tails.

Streptoporus diadematus. Bird in
dense thicket, perched on top limb
but as I came near dropped
to cover below & hid. Call out
at squeak. Margin of upper
mandible faintly serrated. Near
tip just inside cutting edge
are some slightly projecting
serrations. Still farther inside
is a row of distinct coarse
serrate projections resembling those
in *Ph. stoma*; ~~and extend~~ along.

The sides of the palate and converge to meet near the tip of the bill. There are some slight corresponding on inner margins of lower mandible.

The tongue is broad & strong with tip bifurcate. The whole arrangement is one for crushing & cutting fruits & plant growths.

Spheniscus magellanicus 100+ in five miles. 5776 Jim 7 Fad.

Majaquerus aeg. 1

Dromas melanophrys 1

Sterna himantopus 1

Large Dominican jaw

Black Submarine with light tipped primaries. jaw straight out.

Streptopelia skull.

Golden Plover 9

Falkland Plover 1

Collared Plover 1

Sialis arvensis common

" *pelagicus* "

Continent

Derby Flycatcher

Vireonidae

Tanagra macularia

Progne chalybea

Pygostolidae

Comorant

Tridactylus Tern

Rhea

Tern

Gull

Shearwater

Shearwater

Wren

House Wren

Ovenbird

Ammodramus

5799 ♂ yg,

5800 ♀ ad

1 ♂ ad.

2 "

3 ♀ ad.

4 ♂ ad.

5 ♀ im.

6 ♀ ad.

7 "

8 "

Temp. records from this point in 2nd all range

San Vicente 1/26/21 8:15

Moths like *Jaenopterus* 109.8 ♂ 8:45
Lumbid 110.0 110.0 109.5 with faint indication
note a low whistled when descending

like the call of some jays. Birds evidently nesting, perhaps in hollows in palms.

Paroaria cucullata 8:45 110.3

Chrysophaps 9:00 109.2 note sharp chuck

Pigeon 9:00 110.9. Flight strong & direct. Birds perch in limbs & watch alertly with jerking heads. Note low muffled growling call

Hummer ♀ 105.00 nest 12 ft

from ground

Bucconis polylus 9:45 110.

Spiz. ictericus 9:45 10:00
 109.0 ♂ 1086
 Gronnoper 10:15 alarm note
 at low muffled che-u-u
 young fork-tailed Flycatcher
 in pine family. note
 a faint tasp like the call of
 Brachypiza. All notes of this
 Flycatcher seem faint & weak.

- 5809 ♀ ad.
- 10 ♂ ad.
- 11 "
- 12 ♀ im.
- 13 ♂ ad.
- 14 "
- 15 ♀ ad.
- 16 ♂ ad.
- 17 "
- 19 ♂ im.
- 20 "
- 22 ♂ ad.
- 23 "
- 18 "
- 21 "

San Vicente 1/29/21

Embunagrap⁷ 107.6 Cotarron

Quira 107.5

Sporophila can. song emphatic
phrases like that of Indigo Bunting
without the shrillness of the notes
of Sicalis

Synalaxis white line over eye 9:55
110.6

note tee-ee-ee-a. Bird among

Phaeoprogne 9:15 108.3. common 109.8
9:30

Tyrannus 111.2

Mechtonis 9:15 109.8

Pipoccephalus 9:30 109.8

Molothrus badius 9:30 110

Lichenops 10:00 109.2 Ojo Plato

Stephanophorus 10:00 108.6 song a

pleasant rapid warble, just
like in large

Mimus 10:15 108.6

Swallow 106.8

5824 ♂ im.	5832 ♂ im.	42 ♂ ad.
25 "	33 ♀ ad.	28 "
26 "	34 "	35 ♀ ad
7 ♀ ad.	36 ♂ ad.	
9 ♀ im.	7 "	
30 ♀ ad.	40 ♀ ad.	
31 ♂ ad.	41 ♂ ad	

1/28/21

9:00

8:30

107.0

Finch 109.4 large looping brown sides. Hopping in heavy brush - comes out within 2 or 3 feet

to me calling 8:30 ~~chirp~~ chirp. Birds

black. white line 108.6

10:45
109.6

8:30
Carpodacus 108.5

hop slowly about in brush pausing frequently to look around.

9:00 10:15
Kinglet 108.7 109.6 9:15

Zenaidura macroura 108.0

9:15
♂ 109.2. song wheet see a wheet

wheet, wheet see - a wheet wheet. a low pitched shrill effort given with great earnestness & effort but having little carrying power.

9:30
Psaltriparus 109.8

9:45
Cyanocitta 109.3. Hunting alertly through

heavy brush. 10:00

Vireosylva chrysotis 109.1 usual churr song.

10:15
Phainopepla nitens 109.1

10:15
Stephanothrus 114.0

11:00
→ 108.6 too too too when low note two - etc. different from loud rapid warbling whistled song given usually

♂

- 5843 ♀ ad
- 44 ♂ ad. breeding
- 45 "
- 46 "
- 47 ♂ im
- 49 ♂ ad.
- 50 "
- 51 "
- 52 ?
- 55 ♂ ad.
- 48 ♀ ad
- 53 "
- 57 "
- 59 ♂ ad
- 56 ♂ im.
- 60 ♀ im.

San Vicente 9:30/29

- House wren 108.7 10:00
- Ovenbird 109.4 10:00
- Brachyospiza 109.6 10:30
- Vireosylva 109.1 10:30
- Stephanophanes 109.6 10:45
- Robospiza 108.6 10:45
- Vireosylva 108.3 10:45
- Spotted Tanager 110.0

5861 ♂ yg

2 ♀ im.

7 ♀ ad.

8 "

9 ♂ ad.

70 ..

2 ♀ ad.

4 ♀ im.

5 ♀ ad.

6 ♀

8 ♂ ad.

9 ♀ ad.

San Vicente 11/30/21

Vireosylva chinii 9:00 108.5
Gnatcatcher 9:15 111.2
Basileuterus 9:15 109.6
Stephanophorus 9:30 109.9
Arremonops 9:30 108.5
Vireonans 108.6
Vireonans 108.30 108.9
Brown Flycatcher 11:00 109.8
Fork-tailed Flycatcher 11:45 111.4

5880 ♀ ad.

2 ♂ im.

3 "

4 ♀ ad.

5 ♀ im.

6 ♂ ad.

8 "

9 "

90 ♀ im.

3 ♂ ad.

4 "

87 "

92 ♀ ad.

San Vicente 1/31/21

Tantalus loc. 10:30
105.6

Buteo 11:15
106.9

Empidonax 11:30
110.4

Tanager bonariensis 1:30 2:00
110.3 ♂ 109.2

Cotinga 1:30 108.8 perched & lyection like
on dead limb in rather shaded
position upright

joining in front. Head met 1:30

Myiarchus 1:45 110.3

Kalipolegus 2:00 109.3

Rufous 2:30 110.0 2:45

Sternally 106.8

Pipit 2:45 109.0

5902 ♀ im.	16 ♂ ad.
00 ♀	22 "
01 ♀ ad.	08 "
03 ♀ im	07 "
95 ♂	17 " correntina
97 "	18 " jurectin.
09 ♀ ad	19 "
23 ♂ ad.	20 ♀ ad.
06 ♀ im	21 ♂ ad.
12 "	96 ♀
14 "	
13 ♂ im	
11 ♀ ad.	
04 ♂ ad.	
15 ♀ ad.	

por recomendación
 Juan F. Melero
 Sr. Moreira, Ambrosio
 Corrales Lucio por sus insignias ganadas

7/2/21 San Vicente a Baños
 a nivel de mar

9:00
 Grosbeak 104.7
 11:30
 Kingfisher 106.5

11:30
 Ceryle amazona 105.3. air-sac
 distending lower lid until free
 margin is $2\frac{1}{2}$ mm away from
 with lid half covering eye
 sac is widely oval, pointed at ends
 and extends from inner to outer
 canthus. Distension is greater below
 than at margin of lid.

11:30
 Greater yellowlegs 109.0

11:45
 Ceryle americana 108.0

12:15
 Edreus 108.9

12:30
 Puffin peramato 108.9

5926 ♀

7 "

9 "

31 ♂ ad.

2 ♂

3 ♀ ad.

25 ♂

4/2 / 215:30
 Jossitta 108.6
 Anthony ^{5:30} Jaws, 108.7
 " ^{5:45} Surrounding 108.6 108.6 108.6
 Anam ^{6:00} 108.7

- 5935 ♂ ad.
- 6 ♀ ? eutaxii ✓
- 40 ♂ ad
- 37 ♂ im
- 8 ♂ ad
- 9 ♀ ad
- 41 ♂ ad
- 42 "
- 43 ♂ im
- 44 ♀ im
- 45 "
- 46 ♂ ad
- 47 "
- 48 ♂ im.
- 49 ♀ ad.

Laguna 2/5/21

Basileuterus leucoblepharus moving in heavy brush with constantly wagging tail.

Small brown Flycatcher yellow in crest
8:45
109.2. in heavy brush.

Brown. *myiops* Flycatcher struck breast
8:50
110.6

8:30
Eurotis 108.6 ♂ 109.2 note
A new wing call birds in heavy brush work about with jerking tails. Jerks occasionally with jerking tails.

Seems common for birds of dark forest. Haven't to twitch tail.

8:45
Glaucopteryx 106.4
Basileuterus bivittatus 109.4

9:15
Compsothlypis 108.6 109.2 25 or more feeding in one little thicket, many juveniles calling with low chattering notes for food. Others work about silently, saw for the low flat jerk of their wings as they passed. Some strings to their preoccupied in their search for food.

10:15
Sporophila 110.2
10:15
Myiopsalis 108.2 resting eyes half closed.

5950 Fin.

1 ♀

3 ♀

5 ?

6 ♀ ad. Laying

7 ♂ ad. Mounding

8 ♀ ad.

9 Fin.

60 Fin.

1 ♂ ad.

2 ♀ ad.

3 ♂ ad.

5 ♂ im.

6 ♂ ad.

7 ♀ im.

8 ♀ ad.

9 Fin.

70 ♀ ad.

71 ♂ ad.

2 "

haz cana 2/20/21
 Troglodytes ♂ 7:00 109.4

Empidonax 109.6 perched in
~~thicket~~ along river with
 occasionally twitching tail.

Green Heron 8:30 106.8

Ceramides 8:00 106.0

Vireosylva 9:00 109.4 came to form

with raised crown feathers at
 square

Cyclorhis 9:00 108.4. Has several
 long peculiar cells. Has all manner
 of a throat in summer.

Chimiphila live many brush
 kop Kop. Kamp

heptotila 9:30 107.4

Genus 10:00 107.4

5973 ♂ ad. 5 ♂ ad

4 ♀ im 6 "

5 ♂ ad

6 "

7 ♀ im

8 ♂ ad

9 ♀ ad

80 ♂ ad

2 "

3 "

4 ♀ im

2/7/21 haycamp
Pallas nighthawk 109.0 6:15
on wing 106.4

Synalaxis yellow throated 6:15 ♂ 108.0 ♂ 108.2 ♂ 108.6
Song chru-a chru-a chru-a chru chru chru

Marsh lark with fat given sometimes on wing, sometimes just perched in saw grass. Birds come up to nest in tops of grass. Has sharp chipping note. Nest active than Marsh Wren but parent similar

Appearance:
Phalaenoptilus 7:00 106.8
Marsh Sca. red cap. 7:00 108.6 note sharp

Chondestes americana ♂ 9:00 106.4 perched at border of thicket on bank of pool occasionally giving sharp click click and twitching tail while at same time anterior portion of body is raised.

- Petrel
- Solitary
- Spotted
- Bart. Sand
- Golden Plover

Lesser & greater yellowlegs.
Jacana 9:45 104.0

Small Gray Flycatcher white in crown 10:00 110.2
came working out through brush in wet thicket of willows etc., hopped & perched about Snapping rail etc.

Gratecatcher 11:45
Prothonotary 108.0

#5996 bill & tarsus black, iris warm
sepia, inside of mouth orange
chance.

6011 ♀ yg.

5988 ♂ ad.

90 ♀

2 "

3 "

4 ♀ im.

5 ♀ ad.

6 ♂ ad.

8 "

6000 1 ♀ im.

2 ♂ ad.

5 ♀ ad.

6 ♂ ad.

8 "

10 ♀ im.

91 ♀

03 ♀ ad.

89 ♀ ad.

09 ♂

87 ♀

6024 ♂ ad budding

12 ♀

14 ♂

13 ♀

15 ♂ ad.

16 ♀ ad.

17 ♂ ad. budding
abdomen bare

18 ♀ im.

21 ♂ im.

22 ♂ ad.

23 ♂ ad.

26 ♀ ad.

27 ♂

28 ♀

Laguna 7/8/21

Molothrus brewsteri ♀ 110.0 ^{5:30} ^{11:30} ^{108.0} ^{108.0} ^{108.0}
seen with males and high over toward
marsh, heard toward marsh
at same time giving harsh
yow ah. a short song

Pectoral Sandpiper 10, pass to west
curious yellowish cast to plumage
Solitary Sand. 4-5 pass to east

head + gape yellowish green
Golden Plover singles, north 6-8
Junco 108.4. Hopping slowly
about in open under heavy
growth occasionally giving quick
stitch of tail. soft nasal notes

Stephanothra 109.2 ^{8:30}
Cyclotus 109.0 ^{108.0}

Usual concomitants of field
work in late summer in forest
cobwebs, ^{ant} heat & mosquitoes.

Empidonax 109.2 ^{9:00}
Xenicops 109.0 ^{9:15} 109.0 in tract
of heavy growth open below
hopping slowly around in tops
of trees. note a sharp high
chee

Pygochelidon 107.2 ^{9:30}
Mniotilta 106.7 ^{9:30} 106.8 nests in pines
Dend. tern 105.0 ^{10:30}

Feb. 9.

Left Mazatlan in car 11:15 a.m.
The mud of yesterday had dried to
large extent & I stopped to take
photo of *Alcedo* nest in telephone
pole. Banana to cross with dirt
incident

A few solitary *Scolecophagus* noted
at pools with occasional larger
yellowlegs. All were strangely
mute ~~and~~ and I missed
their pleasing calls. All of the
wintering birds are quieter than
when in the north. I saw single
warblers, all seem tired and
are evidently migrant. A few
Golden Plover flying this morning.
The broad prairie fresh with
green after the rains dotted
with grazing horses and cattle.
Everywhere you scattered
white & yellow crows, *Myiarchus*,
Turus & Burrowing Owls
acquired us and *Colaptes auratus*
& *Geothlypis trichas* lined the fence. The
cattle fenced with heads in
shade of posts.
at a little coral when we

Stopped in Chang house Mockers
called at me and a little
flock of *Molothrus bairdi* flew
about with sweet voiced calls
that reminded me of the note of
Groningpar.

The breeze was cool and
refreshing in spite of the heat
of the sun. Probably my joints
were relaxed by relaxation
after two weeks of continuous
hard work in the field.

A Chlorostelion came in to
feed at some Cardinal flowers and then
darted away low over the prairie.
Empidonax hammondi perched on
the corral with a loud
whick whick whick whick followed
by whistling & chattering notes.
As the bird called it flashed
me only some times both to
display the yellow lining.
Molothrus bairdi voiced its spoutly
modulated whistled song to the
more prosaic dabbling of *Molothrus*
bonariensis. But the siffles high
pitched & rapid.

22
 2
~~228~~
 75
 30
 107

Duerden

Rio Negro 2/14

Pseudoleistes gularis, pan. habit
 Versum but note (longer) clear
 song stronger. Puck with
 matching tails 7:30 ~~8:15~~ 8:15
 Brown Sialia 42 8:15
 Empidonax 42
 Cuckoo 43 8:30 in heavy thickets
 note low kuh-h-h-h
 Chlorostelna 43 9:00
 onyx pernata 42 9:15
 Myiophobus 42 10:15

6029 ♂ ad.

30 ♀

32 ♂ im.

33 "

34 ♂ ad.

35 ♀ im.

6 ♂ im.

7 ♂

8 ♀ im.

9 ♂ im.

40 ♀ im.

1 ♀ ad.

4 ♂ ad.

3 "

Rio Negro 2/15/21

Empidonax 6:15 40.7

Coccyzus melanocoryphus 6:30 8:00 41.3 41.6

Vireo 7:15 41.2 9:30

Comptosia 42.2

regulus 7:45 42.3

Brachyptera 8:00 42.4

note low rather *Kru-a-u-er-r*

Coccyzus Americanus 8:30 41.6

Picoleptes 9:00 42.5, note of young
a low rather rapid whistle repeated
4 times.

Ternarius 9:00 42.4

Sparrow Flycatcher studied best 9:30 9:45 41.3 41.3

9:45 42.7 note low tri but like *Empidonax*

Bird in dense bush, moves restlessly
with snap & ringer, capturing insects
with click of bill. Perches with

twitching tail. 10:00

Sporophila 42.9

6046 ♂ im.

7 ♀

9 ♂ im.

50 ♂ ad.

1 ♀ ad.

3 ♀ im.

4 sex?

5 "

6 "

58 ♂ im.

9 ♀ ad.

60 ♂ ad.

3 ♂ im.

57 ♂ ad.

2/16 5:45

Pseudoscops 42 cuck cuck

Podager 41.6

2/17

Deal ♀ Kark kark. ♂ high-pitched
Surus surus suru.

Molothrus binnocchis song whate whistled
pleasing.

7:00 8:00
Hemiprocis 42.3, 42

7:00 8:00
Pseudoscops 42.2, 42, 43

7:00
Brachyopiza 42.3

7:00
up cap *Synallaxis* 42. chep chep chep

7:00
chep *phoeniceus* 41.3 clear low whistle

7:00
Erionotus 41.4

7:00
Brown-sided *Loospiza* 42.4

7:00
Planesticus 43

7:45 8:30 9:00
yellow warbler 42 42.3 low growth

saw grass & willows wet locality.

works about under cover with
constantly twitching tail reminding
me of *Wilsonia* with its
jaunty air.

Thryothorus has same notes of
all forms in *Melospiza*. tail

tip is lowered almost to ground & then
 raised & at same time slightly
 spread to above level of back
 when it is dropped back to former
 position. ending at 5 quail 9:00
 Brown flycatcher, yellow in crown 42.5
 empidonax: 43.9 tail very long
 Podiceps 40.6 crown

6075 ♂ im.

87 ♀ ad

64 ♂ ad.

5 ♂ im.

8 ♀ im.

9 "

70 ♂ ad.

1 " budding into, capinae incomplete
 on top of skull

2 ♀ ad.

3 sex?

4 ♀ im.

6 ♀ ad.

8 ♂ im.

9 "

82 ♂ ad.

3 "

4 ♀ ad.

5 "

Fama here as in Chaco,
 rainfall similar but land
 better drained.

Rio Negro 2/18

small gray flycatcher. Hopping
 slowly about in willows above
 water, tail spread fan fashion
 jerking occasionally

Netton 41.6 ^{7:30} 41.7

Jacana quã quã quã followed
 by a clattering call.

Dark-tailed flycatcher band of 16
 passed to head over marsh &
 then passed on northeast

Coccyzus 42.4 ^{8:45} 10:50
 42.0

Xenicops 42. ^{9:00} 9:00

Red cap Synallaxis 41.6

Geothlypis ♂ 41.5 ^{9:30}

Coccyzus melanocoryphus 42.5 ^{9:45}

~~Leptodermis~~ 42.5 ^{9:45}

6087 ♂ ad.

test. 28

90 ♀ ad burking. 97 ♀ im. 89 ♂ ad

- 1 "
- 2 ♂ im.
- 3 ♀ im.
- 4 "
- 6 ♂ ad.

- 8 "
- 9 ♂ ad
- 6/100 ♂ im.
- 1 ♀ im.
- 2 ♂ im.

Rio Negro 7/19/20

Erionotus ♂ 42.0 ^{7:15} ♀ 41.6 ^{8:15} gargantillo ^{10:30}
 Polioptila 41.6 ^{7:15} ♂ 42.4 ^{8:15} ♀ 42.3 ♂ 42.2
 Sapsophaga 41.8

Red-cap Smallbird - an artist in
 camouflage. Ceaselessly in motion - when
 not hopping from place to place,
 the bird jumps quickly from side to
 side, at the twig or branch or the
 leaves below, flits its wings or
 twitches its long tail, all of its
 activities are carried on behind
 a screen of small twigs or leaves,
 through which only an occasional
 glimpse may be had of the bird
 as it pursues out through some twig
 opening.

Occipiter 41.2 ^{9:00} flying with something

in palms. ^{9:00} 42.6 ^{10:15}
 Troglodytes 42.2

Like high-pitched whistle, flight
 through undulating.

Mimus 42.4 ^{10:15}

Coccyzus 42.4 ^{10:30}

Columbiga 42.1 ^{10:30}

6122 ♂ ad on mt	6108 ♀ ad	10 ♂ ad not banded
6104 ♀	09 "	14 ♂ ad.
5 ♀ ad.	11 ♀ im.	16 ♂ ad.
6 ♀ im.	12 ♂ im.	15 ♂ im.
7 ♂ ad.	13 ♀ ad.	17 ♀ ad.
		18 ♂ ad.
		21 ♂

Feb. 21

A fine early fall morning, air
fresh & cool sun hot.

Molothrus brewsterii in pairs
male sidles over toward female
voice heard, throats ruff & expands
ruff calling Ka-tan-ee-ee.

Soft voices of young birds heard
from the thickets.
Marshes appear solid turf but
I know well that a film of
vegetation covers 2 ft ground &
water.

8:45
Anthus 42.5

Feb. 22.

at Paysandú, Rio Uruguay,
soil black & fertile, country well
cultivated. A sign of the
river with wooded shores.

Beyond here we came up
with rolling upland farms
again with stony soil, all
in pasture.

Rio Uruguay a small
stream with a narrow
band of shrubbery on shores.
The aspect of the country

Suggests that of the Great Plains.
Short tailed Flycatcher abundant
in certain tracts. Corn ripe, much
golden rod in blossom. A band
of about 18 young was guided
by an old male. Several
Geranoaetus.

Protonotaria in alighting swings
down to within 2 ft of ground
& then suddenly throws wings up
drops feet and drops sharply
to ground alighting with
a short hopping run to break
momentum occasionally falling
forward in breast.

2/23/21

General Campos, Entre Rios - 1
Solitary Sandpiper.

Dr W. Davies Esq. Avenida
Mazo. B.A.

Bunington Sunday at 2 at
his house.

Mus

Ugna Epecuen.

$\text{Na}^2\text{SO}^4 + 10\text{H}^2\text{O}$ gr. 147.35

NaCl 2.20

CaO .12

Fe, Si. al. rastos

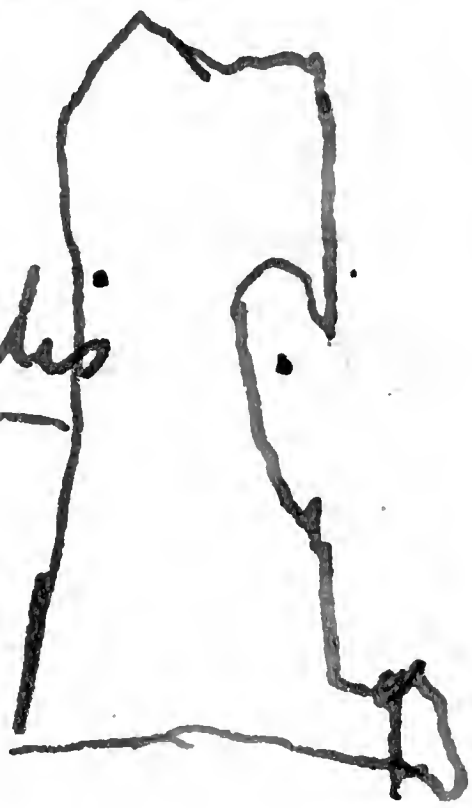
Pritchard - a book on
Patagonia -

Museo .ha Plata 7/25/21

Pygocelis -
Coracoid without complete
canal for passage of nerve.
Opening forked

P. australis

(is same in P.
adeliae)



Spheniscus

Has complete canal in coracoid
for passage of nerve.

S. magellanicus



3/3/21

Quinn

Hudsonian Pintail, in full winter plumage
Plain gray in general appearance with
black bill. lighter on abdomen. in
flight the tail shows white with
broad black band across tip. Bird
walked rapidly along frequently in
water up to body, probing in the
mud with a ^{rapid} nervous thrusting
motion, at intervals encountering
food which was passed swiftly
up the bill and swallowed.

Still hustled it about and it
ran rapidly away from them.
Its color and outline suggested
a Macrorhamphus.

lesser yellowlegs 1-5

Greater " - 11-11-19 - 19-17-6, 3 with
long leg. Birds in small flock, resting
on mud bars in sun quiet or
preening

Bartramia 1

White-rumped Sandpiper 11-13 - 35
~~Wilson's Phalarope 1~~

reasoning running along w/ open lake
shore runs swiftly a few feet
& then stops abruptly throwing
head erect like a immation through.
Flies a few feet alyghts & then
flits wings like a little bluebird
Pintail - 1 male call usual trilled
stippled whistle, ♀ low ka-ack
- Common Seal 1 ♂ in bumping
Pintail 4 ps.
Still flies at another making it
be done in water

Gaspar Garzon (hijo)
Ghamini
fructus pumilio

Buff-b. Scaup 20. feed near me
another a few young white rumps
in shallow water but reports
found further back on dry alkaline
shore, running about among
scattered stubs of plant growth
killed by alkali. Black newards
& about picking quickly at
ground occasionally running
swiftly a few feet to catch up
with others that have been

working away from them. Constantly
 in motion, nervous & active in
 action, walk with quick
 nodding heads. In profile show
 short bill long neck & long legs,
 colors distinctly buff. In
 flight show back of mottled
 brown wing surface as they
 alight spread tail which shows
 as mottled grey. I look with
 a subdued quality of wing
 giving a low call. ~~Ja~~
 Somewhat flat but tall muscular
chump suggesting family some
 notes of the robin ^{12:00}
 and murre. micavita
~~fish~~ looked fish dentado
 Jerry

6129 ♂ im.
 30 ♀ im.
 1 ♂
 3 ♀

3/4/21 Guamini 10:30

Falkland Plover 3 (had whittled trail 40.5

Birds partial to low shore where the
beach is composed of bits of shell like rock

Baird Sand piper 1

White-rump 6-100-8-150-100

Greater Yellowlegs 1-7-9

White-rumps work rapidly about
in morning sun with soft twittering
notes rising in sudden alarm to
join in compact flock and circle about
then alighting at once scatter out in feeding
4 Hudsonian Goshawk 3 winter 1 seen
flushed with loud chattering calls.

Buff br. Sand piper 1 pr. r. feet.

Brachypteryx 42

Centurus 41.6 42.0 42.2 little flocks

6136 ♀ 6152 ♂ 6143 ♂

7 " 3 ♀

8 " 4 ♀

9 " 5 ♀ 8 ♂ im.

40 ♂ 6 ♂ ad breeding 9 ♀ im.

46 ♀ ad 7 ♂ ad 50 ♂ ad

1 ♀ 8 im. 46 ♂

9 ♀ ad

60 ♀ im.

1 ♂ (circle)

3/5 Quaming

Godwit 8 very wild / summer 7 winter
flush with slow chattering call
White rump 25-25-40-500-20-50-100

Pectoral 1 Pygoculidon 42
head yellow legs 2 White-rumped Swallow 41.9
greater " 8-12-5-3

Larus domin. 2 ad-199.

Passer domesticus 43.3

Larus maculipennis 41.5

Tyrant 42.7 flying 2.

Chilodactylus 300

White rump tee a tee a tee a
tee. given which head is bobbed

quickly up & down

three tee tee tee

Notes soft and musical, low and
not chirping. at times remind
me of low calls of a flock of feeding
Horned Larks. Birds very active,
hold heads down with mouths open
and run at one another. Attacked
bird may side quickly away or
may flutter off a few feet. Occasionally
when two equal temperament clashed
the first one and then the other
would run up with raised wings
while the opponent retreated. Between
while the search for food went on incessantly

Guernsey 3/7
Brechspiza 8:00 42.7

Greater Yellowlegs 6-40

White-bump 50-20-10-12-20 4-5-48 300

Godwit 9 8:15 Qua qua

Olopoehidon 40.3 9:00

~~1000~~ Olopoehidon 8:15 40.3 9:00 41.

42.3 Puffin 8:20 42.5 ♀ ad 42.3 eating butterfly

Buff b. Sand p. 3-8 fly with nest
drawn in.

6168 ♀

62 ♂

4 ♀ im

6 ♀ ad.

7 ♂ ad

9 ♂ im

70 ♀ ad

1 ♂ ad.

2 ♂ im

3 ♀ im

temp - 10. K.

Quamina 3/8

Centrals 108.2 ^{9:15} 108.0 107.5 ^{9:30} ♀ ad 108.4 ^{9:30}

Greater yellowlegs 3-3

Yellow-billed Tropicbird 6

Buff. W. Sandpiper 1 ^{7:30}

Sparrowhawk 104.4

White-rumped Sandpiper 7 - notes at times remind me of chattering swallows. ^{screech}

Go bit 12. ^{8:00} 102. small 102.8 104.0 large

Lesser yellowlegs 3

Siphonias 108 ^{9:45} slight ventral tail feathers

Synalaxis 107.2 ^{9:45} sit

6174 ♀

6 "

9 "

80 "

1 ♂ im

2 ♂

3 ♀

4 ♂

6 ♀ im

7 "

Furney av 2/28/21
L. yellowlegs 20

9:10
9:30
188.2
10:30
106.7
107.2
109.5
10:45
11:15
104.5
particular b. altes below eyes
bottom bill 107.4
fly injected

- 6356 ♂ ad.
- 60 ♀ im
- 57 ♂
- 59 ♀ im.
- 62 "
- 61 ?
- 63 ♀ im.
- 64 ♀ im
- 65 ♀ im.
- 68 ♂ ad.
- 69 ♀

Ternuian 3/27/21
 9:00
 Sennallab is 106.5 10:30
 Sporophila 108.5
 10:45
 Blenopsis 106.2

6328 ♂ ad.

29

49

51

48

53

54

42

43

45

46

47

55

♂

♂

♂

♂

♀ ad.

♀ im.

♀

♀ ad.

♂ ad.

♀ im.

♂

6333

44

27

♀

♂

♂ ad

○

Junco 3/26/21
 Cistothorus 9:30 107.0
 Cyanotis 9:45 106.2 9:45
 Phloscryptus 108.0 109.00
 Lichenops ♂ 109.5 shot in dead 11:30
 Hagalacurus ~~107.1~~ 107.0

- 6323 ♂
- 24 ♂
- 26 ♂ ad ○
- 40 ♂ im.
- 37 ♂
- 36 ♀
- 35 ♀
- 34 ♂ im.
- 32 ♀
- 30 ♀ ad.

Junuyán 3/25/21

Cistothorus flight juv. direct, note
a harsh low chatter. 106.2

Rallus ruficeps pair feeding in pool
at edge of marsh walking about
in grass with jerking tails

Muscivora 9:30
9:45-0

Lichenops ♂ 107.4


Belanopterus 106.2 call higher pitched
harsh

Gallinago 11:15
106.2

Greater Yellowlegs 7
50

- 6312 ♂
- 13 ♀
- 14 ♂
- 15 ♀
- 16 ♂
- 18 ♂ im.
- 19 ♀ ad
- 20 ♂ im.
- 21 ♀ im.
- 17 ♀

Dunroan 3/24/21
Chumango 10:00
Columbala 10:30
107.0

0303 ♂ iris olive buff, segment
04 ♀ im. of upper third light
05 ♀ im. purple drab
06 ♀ im. 
7 ♀ ad
8 ♂ ad
9
11 ♀ im.
10 ♂ ad.

Immigrant 3/23/2 +
 7:30
 P. ussuriensis ♂ 108.7
 8:06
 Agelaius ♂ 108.4 ♀ 108.5
 9:30
 Synallaxis ♂ 108.5 ♀ 108.9
 9:45
 C. thomasi ♀ 107.0 ♂ 106.2
 10:45
 Hapalocercus ♂ ad 107.0

6285 ♀ im.
 6 ♂ im.
 7 ♀ ad
 8 ♂ im.
 " ♀ im.
 90 ♂ ad
 1 ♂ im.
 2 ♀ im.
 3 "
 4 ♂ ad
 5 ♀ ad
 6 ♂ im.
 7 "
 8 ♀ im.
 9 ♂ ad
 6300 ♂ ad
 1 ♀

Jumayan ³ 4.00/22/21 6:00
Embunagra 108.2 ^{6:00} Lab 109.2
Brown Flycatcher 108.2

Angus and Robertson,
Sydney

N.S.W

Dealers in books on Australian
Natural History

Potrillo

3/20/21

Seminum 6:00 109.2

Brachygliza 6:15 108.6

Pseudochoris 8:00 3/21 109.2

Hptachemura 8:00 109.08:00

Sapophaga 106.2

6279 Fin.

80 ♂ ad.

81 ♂ im.

2 ♀

3 ♂ ad

4 ♀

El Salto

3/19/21

1735 metros

Brachypteryx 11:00 107.5
 Anoropelta 10:00 105.7
 Leptasthenura 10:15 107.5
 Cinclus 11:30 108.7 11:45 12:00
 Sturnella 108.0 109.2
 Muscisaxata 11:45 109.0
 Cinclus white 12:30 108.0
 Swift 1:30 105.6 2:30
 M. O. L. 108.7 3:00
 Tringoides 109.0 3:15
 Pygocichla 106.0 3:30
 Leptasthenura 106.2 3:30
 Rhyacocystis 5:00 106.0
 Lebia 5:00 104.0
 Heneippe 5:00 104.0

Heneippe, young
 high at shoulder
 trachea single
 barrelled

6251 ♂	70 ♂ ad
67 ♀ im.	71 ♀ im.
73 ♂ im.	72 ♀ ad.
54 ♀ yg.	56 ♂ yg.
55 ♀ im.	58 ♂ im.
66 ♂	53 ♀
60 ♂ im.	57 ♂ ad.
59 "	64 ♀
69 ♂ im.	65 ♀ ad.
77 ♀	68 ♂
76 ♂	62 ♂
	61 ♂
	63 ♀

3/18 / 2:45 Potrero

Pseudochloris ♀ 108.9 ♀ 108.7 ^{8:30} ^{8:00} ^{10:00} ^{10:00}
♂ 107.8

Goldfinch, brown mid tail counts 107.5

Muscisaxicola 108.5

sparophila analis note low tweet

white & black in wings prominent. with undulating flight

the birds suggest sister or

Goldfinch 11:45

Gessitta 109.0

Micropus dimelli 105.0 12:00 2:00

diablitto

6228 ♂ im.

29

''

47 ♀

31 ♂ ad.

8 ♂

32 ♀ im.

49 is body of 48.

33 n

35 ♂ ad

37 ♀ im.

6230 ♂ eutaxic

38 ♀ im.

9

n

40

♂

42 ♀

44

♂ im.

45

♀

46

♀

Potrerillos 3/17/2/7:30

Tragodytes 7:15 107.2 106.2

M. caerulea 7:15 108.2 perches on rock
with wagging tail 7:20 107.2

Brachyospiza 8:00 108.1 9:00

claytonia 8:45 109.2

Agelaius 108.2 standing on rock
pale head erect. white in tail

very prominent in flight

Scolecophaga 10:00 107.0

Synalaxis 10:15 107.5

Semimerula 10:30 108.9

6214 ♀ ad.

5 ♀ im.

6 "

7 "

8 " ♂ im.

9 ♀ im.

20 ♀ im.

21 ?

22 ♂

23 ♂

24 ♀ im.

26 ♂

25 ♂ ad

Potrillo 3/16/21

Leucophaea 9:30 103.6 Bird clung to clump
of flowers while feeding. Flight not
very rapid.

Brachypteryx ♀ ad 10:20 108

Muscivora 10:45 108.6

Metrodora 11:15 106.2 107.2

6199 ♂ im.

6201 ♀

2 ♀

4 ♂

5 ♂ ad

7 ♀

9 ♂

10 ♀ ad

11 ♂

12 ♀

March 15 - mail to ~~Hotel~~ Grand Hotel, Blendaça until further notice.

3/15/21. Potrerillos
 Anacardis 106.5 ~~4:45~~ 5:15
 Uromyces 108.0
 Metropulus 107.5 5:15
 Leptosthenura 107.6 5:30

Geranoctes

3.45	4.45
50	3.10
50	<hr/>
<hr/> 445	1:35

Androsian curlew

Concón, Chile I-1905 2 sp.

Totanus flavipes

Mendoza VI, 1912 - 3 sp.

Totanus melanoleucus

Guanaqueche Mendoza VI, 1915.

Pisobia juscicollis

Ribera Rio Mendoza, Palmira VII-1917 (2)

2 spec.

Bartramia longicauda

Mendoza, March, 1913 2 sp.

Pisobia pectoralis sump & upper

tail counts. Black tarsi light

Buenos Aires V, 1911.

Casa de Piedras -

Potrillo - Martes y - Domingo - Trav. And.

Junuyán -

Guanaqueche - San Juan -

Panquehua -

Villavieja -

La Paz -

Dr. Carlos S. Rud. San Lorenzo 670

Synallaxis Mendocae 3/12/21 8:00
~~Troglodytes (Tropala)~~ 107.2 hopping
 quietly around in clats of bushes
 twitching tail, running on ground
 Serpophaga 106.8 8:15
 Synallaxis 106.9 9:00
 Clay-brown Trochophone 107.8 9:15 in
 low bush in dry wash.
 Gray Centurus 108.8 9:00 on ground on
 steep slope, running, tail straight
 up after insect & then back.

6189 ♂
 90 ♀
 1 ♀
 3 ♀
 4 ♀
 7 ♀
 5 ♀ May have double ovary

Nothoprocta
 Querquedula
 Anoropeltica
 Cinclus
 Streptopernis

3/11/21

B. a. P.

Franklin 1 Fork-tail
Pruas 8 Podager.

3/12

at daybreak entering arid section.
mountains in S to the north.
At San Luis a range of rugged
hills, steep-sided, bare scrub
scrub.

Beyond San Luis a ^{dry} level
flat ground with low scrub,
Yucca etc.

La Paz - shorebirds apparently to flourish
Las Cintas, beginning of desert
upper Sonoran?

K-291 however is still lower
Sonoran, Vinal, Chañar, Piquillo.

got San Martin - Many Jays.

div known the hills from
Akutan where the Ptarmigan crow
and call ^{ang}

~~And the foxes~~ bark in the arctic
~~night~~ ~~and~~

To ~~the~~ ~~wind~~ ~~sway~~ ~~length~~
the ~~and~~ broad North Chubout below
the andes broad

~~cross the far/known~~
~~where~~ ~~and~~ ~~in~~ many a ^{highly} desert
land,

Then a man feels to move about
~~to~~ his neighbors are few and far.

39 ac.
26 ac.
65 ac.

55 26
5363
163

of

pictures to Fred Hellman
... Carl Hellman of trip.
inquiry to Dr. Pennington for Mrs. Branson
Pictures to Frank Branson 221 Calle ^{Asunción} Palermo
Pubs to Dr. Carlos Dubrig, Director of Zoological
& Botanical gardens, Trinidad, alto Paraguay.

Not for me are the ties that come
with a man's increasing years
of wife and child and health and work
and the comforts of home and club

I'd rather roam ^{on a tropic strand} ~~where the sun~~
where the sea ~~spurs~~ rolls ~~with~~ the
trees.

Dr. travels the wilds where men are few
and the ways of life are hard

H.H.

Comba chloropyga.

auriculata

About 13 in long. underparts pure white. Wings tipped with black, ~~upper part~~ upper part of wings gray. gliding in ~~short~~ just above water! Gives a few quick flaps of the wings and then sculls for a short distance. Quits back and forth. tips of secondaries appear lighter than rest of back.
dark - black crown - size of 7 or 8 or 9

No. 2101 Constellation of So. Hem.

.. 2100

I. No. ..

a median line between Centaurus and Crux is about true South.

Crux may be told by the 5th star lying below the lower wing.

10:15 P.M. Cedreia Light 30-11-00

vs. 15 naut miles.

50-12-15

~~white~~ white & green. on starboard forward of beam.

Mostardas Light 31-16-00

vs. 16 mi.

50-54-03

red & white.

course 212°. star on port bow 206°

at 10:35 Cedreia on beam 12 miles away.

July 24 - 20 pesos -

400

110

Shomaker in Buenos Aires
Anda y Cia, Humberto 1° 2048

lace work *nanduti* - spider web.

Swift

boat .60

longer wharf. Chang. to hotel 10.00
advance 4.00

18 00
450
3

C. Russell

269

.60

2

269

270

(2)

60.00

1155.50

313.65

871.85

820.00

700.00

120.00

216
470
445

Argentine pesos

Argentine gold
killing credit

Cash July 1

Call currency: Antofagasta, Billing, etc 30

Mercado Alberto

Coinage

Alfaro

Antofagasta

const. of 8 copiers

Cash

Quarantine

A. A. A.

Wt. B.

Film 4

1. Cañada Orubí 7/5/20 25, 1/25-8,
2. Dormitorio S 7₄ " " " "
3. La Sabana " " " "
4. Load of wood " " " "
5. Quebracho " " " " R. 443
6. Hut " " " " R. 447
7. " " " " " "
8. Rubacho " " " " " "
9. Chorrada " " " " " "
10. Resistencia 7/10/20 " " " "
11. " " " " " "
12. " " " " " " Fall

Film 5

1. Lagoon - Rio Negro 7/8/20 Resistencia
2. small " " " " " "
3. Termita nest " " " " " "
4. Rio Negro " " " " " "
5. " " " " " "
6. Pond " " " " " "
7. Resistencia " 7/9/20 " " " "
8. " " " " " " " "
9. Quarters, Resistencia " " " " " "
10. " " " " 7/11/20 " " " "
11. " " " " " " " "
12. " " " " " " " "

Film 6

- 1 Train Resistencia 7/11/20 4:35 P.M. light poor / 25 6-3
- 2 Possum 7/13/20 Las Palmas
- 3
- 4
- 5
- 6 Scrubby forest
- 7 Wreckumms
- 8 Ants nest
- 9
- 10
- 11
- 12

Film 7

- 1-12, Open savannah, groves, ternda
 cross riacho, riacho etc. Las Palmas
 7/19/20

Film 8

- 1-4 Las Palmas 7/19 Las Palmas
- 5 Quarter at Fonda
- 6-12 Laguna, dindians etc. 7/23 "

Film 9

- 1 labor agitation Las Palmas 7/23
 - 2-3 Laguna site for humitar " 7/28
 - 4-6 Oranges & bananas trail from forest "
 - 7-9 Laguna, Fonda etc.
 - 10-12 factory, guards, oranges 7/29
- 1/2 of working on copy of 10/29

Naturalista Argentina 1875
one vol. de said to have descrip. of a
new genus possibly others. get citation or work
no copy in this country C.W.R.

Casa

Bon Mitu y Andes

Aves Nuevas del Paraguay.
A. de Winklerich Bertoni.
Asunción, Talleres Nacionales de
H. Kraus, Enero de 1901.

Mexico entre Bolivar y Peru

Beratzategui

Balcara & Manno

Villalonga

Moreno y Servallos

Dept. Policia

Denmark hjemme og ude, 1913-1914

A. Wetmore

Jagt d Sydamerka

Johan Mogensen

Kobenhavn, Dansk Verdenssamfund's
Forlag 1914.

Commissaris Jüdelichy 10⁰⁰ WAM
 Film 10

- 1 Train has Palmas 7/29
- 2 Chik a lin " "
- 3 Border of woods " 7/30
- 4 Out hill " "
- 5 estero in woods.
- 6 river
- 7 estero
- 8 .
- 9. Jemich
- 10 Crossing bridge
- 11 .
- 12 Street in has Palmas

Film 11

- 1-10 Andean etc. has Palmas 8/1/20
- 11. Puerto has Palmas 8/2
- 12. Juncos from Paraguay

Film 12

- 1 Puerto has Palmas 8/2
- 2 " " 8/2
- 3 Rio Paraguay } 7-12 Joma 8/4
- 4 Rio de Uru, Boea } av. de Mayo, Casa goberna
- 5 Rio Paraguay } Rio Paraguay, Hotel Joma
- 6 matas " } orange market

Film I

- 1 Neptune etc. 1/100 6.3 - 10 ft. 6/11/20
- 2 " " " " " Lutz.
- 3 Bridge, W. F. Fellows. 25 ft. "
- 4 opulent 1/50 6.3 25 ft. "
- 5 Boat, Prill 1/100 " 6/15/20
- 6 " " 1/100 " "
- 7 " " 1/100 " "
- 8 " " 1/200 " "
- 9 " " 1/100 25 ft. "
- 10 Waterman 1/25 12 " 6.3 "
- 11 Procrastitules
- 12 " "

Film II

- 1 Majaqueus 1/200 6.3 25 ft. 6/19/20
- 2 " " " " " }
- 3 " " " " " } Grimaldi
- 4 " " " " " }
- 5 The Procrastitules 1/50 6.3 10 ft. }
- 6 " " " " " }
- 7 Montevideo 1/25 8 100 mg? 6/20
- 8 " " 1/50 " " }
- 9 " " 1/25 " " }
- 10 " " 1/50 6.3
- 11 " " Brit. dist. 1/50 8
- 12 " " " 1/50 6.3

- 1 D.
- 2 "
- 3 "
- 4 El Rosario 1/50 6.3 clonk
- 5 " 1/25 "
- 6 " 1/50 "
- 7 } }
- 8 } }
- 9
- 10
- 11
- 12

Boletim do Museu Goeldi 1911/12 vol. VIII
 Catálogo das Aves Amazonicas
 Dr. E. Snelkake 1914.
 Museu Goeldi, Para-Brazil.

Ar	B. a.	Ferro Caril C. G.	9:45 P.M.	Sab.
Ar		Santa Fz	11:30 a.m.	
Ar			23:05	Dom.
Ar		Resistência	20:44	Lunes

375

270

1509
male ~~account Fla~~

Colorado Records for Cryptoglamy 08
Acadia for Rockwell.

Write Howell in regard to collection
of 150 skins made by John Williams
St. Marks, Fla.

Mrs. Katherine Jipetto
% Belmont, St. Petersburg, Fla.
native Floridaian Birds

~~A. M. Pillsbury, flag 3x4 ft. ^{subvot.} others too large
Mills boat.~~

~~Capt. Wm. Telford pictures (6 in all)~~

Can distoma in wing be detected by
papillae or veins?

Dr. Albin Whitmore fishing groups
Venice, Fla. 5-10 miles out Cape

H. C. Bryant.
in letter regarding James + Bull. 50
Birds of Venice
Kirk Woodworth

Coral banks off Casey's Pass begin
at 3 miles out.

Great ~~Ant~~ bones in Florida shell heaps
of ~~Hay~~ in ~~Ant~~. ~~Wool~~ of Fla shell heaps

skel of *Dendroica graciae* for
Nat. Mus. may be in box belonging to me?

Publications attracting Birds
R. C. Rudy, Sebastian, Fla.

Name of ^{edible?} ~~Horning~~ to P. Kroegel, Sebastian

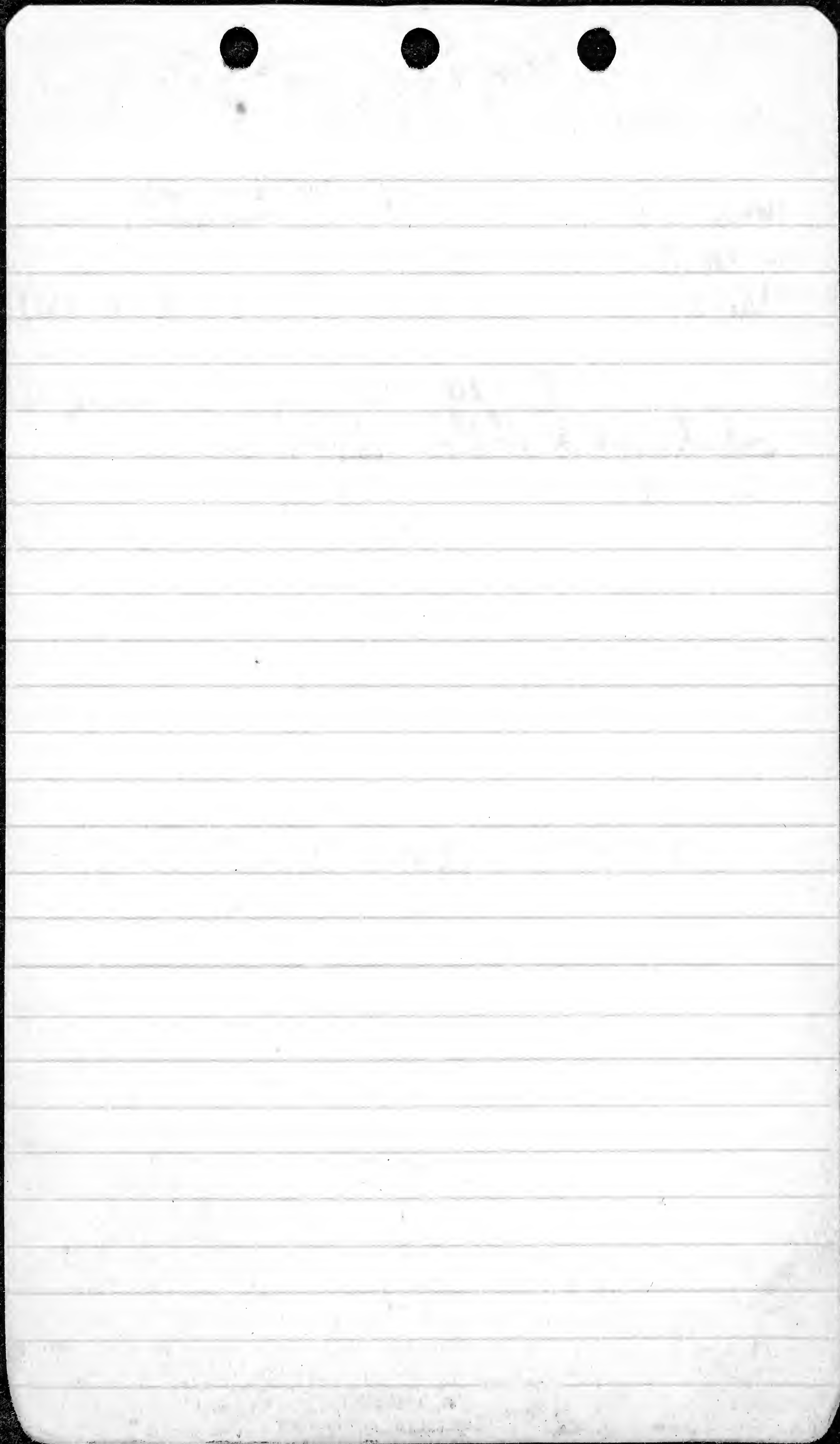
Mr. ~~hen~~ Stinson *Campophilus*
Sebastian, Fla

Arthur Nelson (Sebastian, Fla.)
to M. C. Z. Cambridge

S. J. ~~Carson~~
~~poison formula.~~ refer to ~~P. P. D~~

J. E. Snyder
~~Microglossed~~ - in nest of *Piparia riparia*
Danish pupa on same.

Scientific American Supp # 2251, Feb. 22, 1919
F. H. Stearns, Pleistocene man of Vero, Fla.



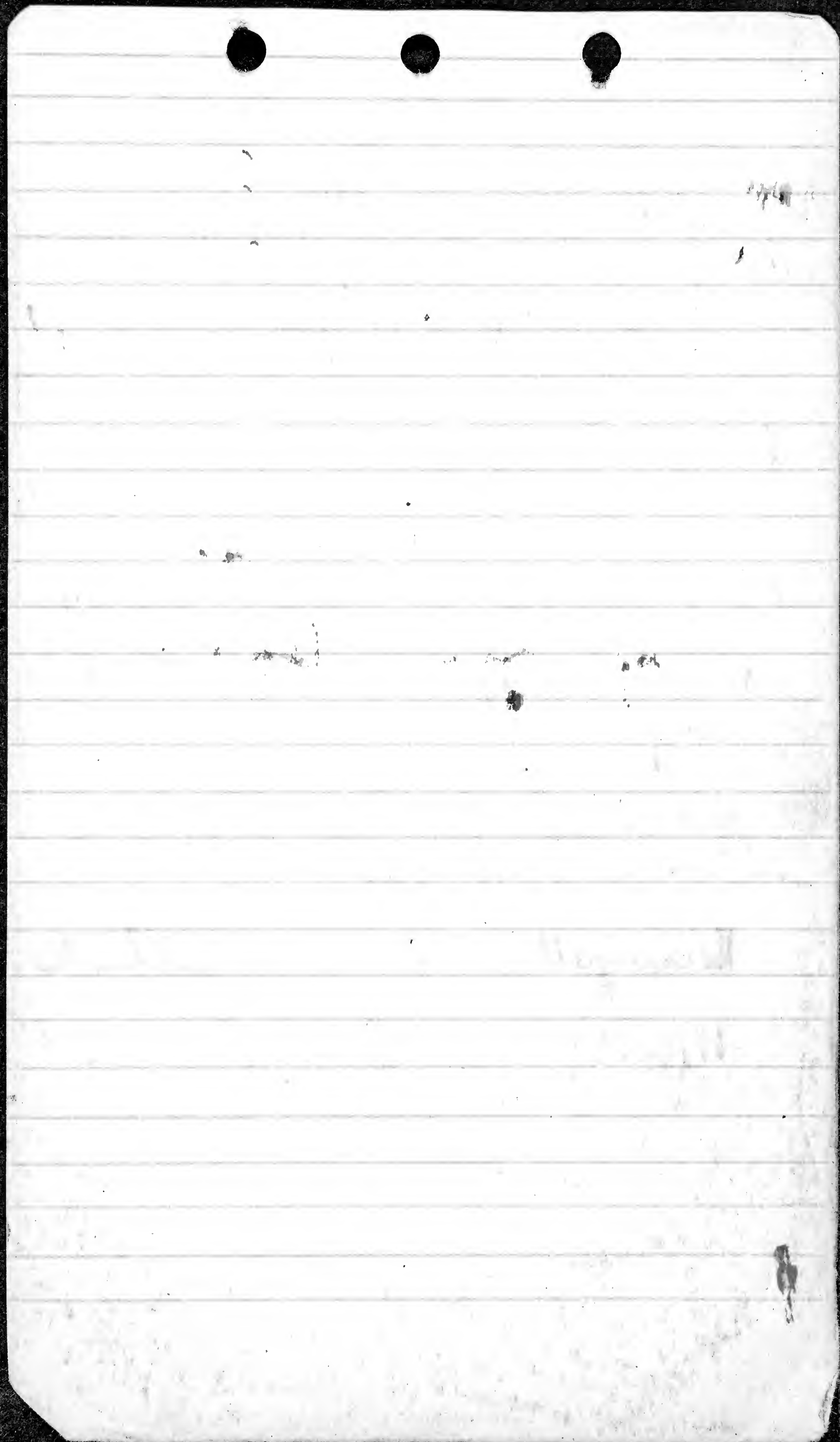
11/16/19 Plummers Pt. Md.
 2:45 3:00 2:45 4:00 P.
 Mus musculus ♀ 98.0 ♀ 98.0 ♂ 97.3 ♀ 96.4

White-eyed Vireos collected at ^{New Haven Gap} ~~Crochans~~, Jan.
 by Maxon. Are these different from
 the common lowland bird. (coll. no. 236-237)

Dec 10 1919. Plummers Pt., Md.
 10:45 12:15
 Sylvania ♂ 105.0 ♂ 105.2

[Faint, mostly illegible handwritten notes]

13734 2 jkys 2 ducks ^{from} 1 box
 14160 1 jky 3 "



Note for Polynesian paper.
cf. Mathews, Birds Australia, VII, pt. II,
1918, p. 157 where Sharp's use of
name Iodirhamphus wylesworthi
is upheld.

f.c. p. 154, Hypocyma is proposed
for Halecyon cinnamomina Swainson.

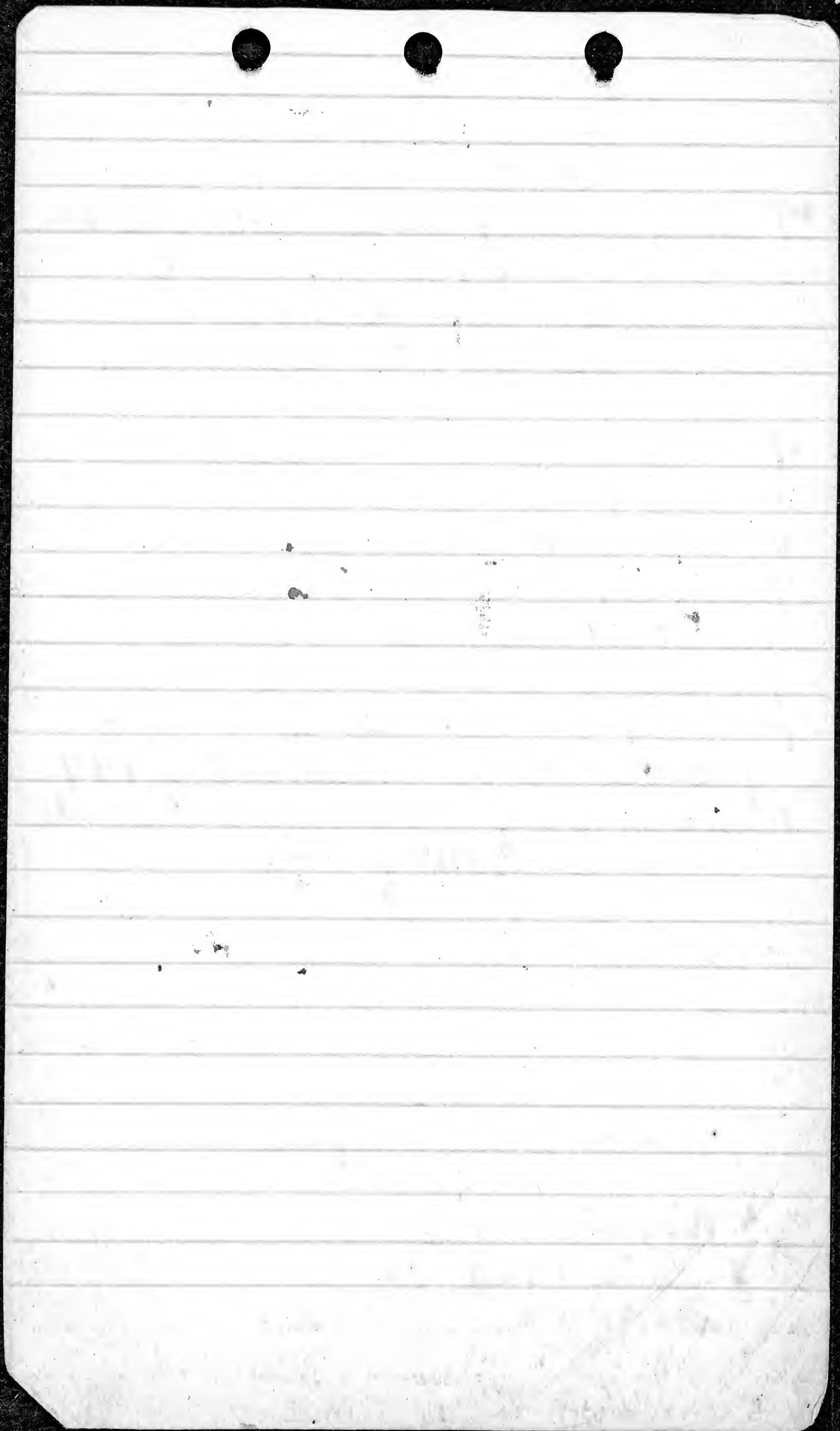
l.c. p. 246 Zoonava for Collocalia

see also Iodalcyon " for the tutus
group.

Heteroscelus for Heteractes cf.
H.C.O. Auk, 1919, p. 278.

Demigretta cf. H.C.O. Birds of the Islands

Hyporolepis for Hirundo javanica?



Publications

1. Notes on Calif. Birds Condor Field Notes
2. Duck Sickness, Norman, Liver Lake, and lower Klamath Lake.
3. Quail in relation to Rodent Control by poisoned grain
4. Notes on Birds of Lake Buford
5. Use of Powder down.
6. Notes on Xanthocephalus
7. Sterility in ducks
8. Foot in Aeronautics
9. Anatomy of *Phrynositta*
10. Entaxy and Diastasis in *H. sacra* of Mathews Bull. Australas. II, pt. B, p. 147
11. Notes on early migrant female shorebirds of Dixon Arch. 1918 p. 398

Food of grebes

Food of Phalaropus, Avocets + Stilts.

Breeding Birds of Dragon Mountains
Notes on Pelicans

Records from Arizona

Observations on White-winged Dove

Hibernation of Ferruginous

Eye in Phalaropus.

Food of Panama Birds.

10/20/18.

To J. S. Higon

Zonotrichia querula ♂ ad.

To J. E. Lund.

Cardinalis c. cardinalis 3♂, 1♀.

Parus m. nigricans 2♂.

Euphagus carolinus 1♂.

Spizella monticola ♂.

Perthuis a-septentrionalis ♂

Zonotrichia querula ♀ ad ♂ im.

Dryobates v. villosus 2♂

Pitymys nemoralis 2♂

Blarina brevicauda 1♂.

Citellus braeri ♂♀.

Sciurus c. carolinensis ♂

Sciurus r. rufiventris 2♂, 1♀

Lepus c. melanotis ♀

Onychomys l. leucogaster ♂

Sylvilagus f. mearnsi 2♂

Stomachs

- 1. *Dendroica coronata* Lawrence "19/18
- 2 *Cardinalis* ..
- 3 ..
- 4 ..
- 5 ..
- 6 *Euphagus. car.* ..
- 7 *P. caesariensis* ..
- 4437 *Spizella mont.* "10/18
- 38 *Penthestes* "11/18

Lead poisoning
Desichus d. d.
 Ducks
 Rabbits of waterfowl.

- 4111 *Colaptes a. luteus* Lawrence Ka "9/18
- 4112
- 4113 *Zonotrichia querula* ..
- 4114 *Junco montanus* "10/18
- 4115 *Pentstemon carolinensis* "15/18
- 4116
- 4117 *Oryzobates villosus* "19/18
- 4118
- 4119 *Oryzobates p. medianus* ..

Glencarlyn Va 9/14/19
 11:45
Dendroica juca ♂ 109.8
 12:15
 " *maguolia* ♀ 109.2
 3:00
Passerina cyanea 109.0

Dr. C. G. Abbot
 acting Secy Smithsonian

Fed la
 382 Dept. State. Br. 194.

Box 64 Hyattsville.

W. A. Forbes - Am. Nat. - on wing claws.
 Is this in coll. papers.

9/27/19

Dendroica atricapilla ♀ 11:15 110.0 4768
Cyanocitta cristata ♀ 8:00 a.m. 108.5 4769.

Cocoa

Camp. Chimney Camp. #3

bacon

ham

P. L. Ricker

saw

Dept. tel. 18th + D. br. 352 or 359

Rope

greenhouse 108,

oil

Farm Arlington Farm
 inside

Aladdin lamp chimney 12 1/2 in

Treasury Br. 515
W. E. Mosher

Philadelphia Vireo ^{10/5/19 9:15} ~~107.5~~ #4778

P. Bartch - Results in Cerion
breeding 10 min.

Extms. Xiphotermum in Haulda & Alcodan
relieves abdominal pressure in deep
diving.

Oct. 25, 1919 Plummers I. I.
Mus musculus ♂ ^{7:30} 98.8 ♀ ^{7:45} 100.0 ♂ ^{8:00} 98.6

Bendire, C., Life Histories, North American
Reptiles, Vol. II, 1895, p. 148
Description of notes.

"1/2 Bladwin
Pentstemon e. cav. 10:45 108.2
Sylvilagus ♂ 11:30 103.2

430-100-51

examine tarsal envelope in Salpinctes
" 10th primary in Albicoris
" " " " " " " " " "

Merrill, J.C., Notes on *Molothrus aeneus*
Bull. Nutt. Orn. Club, 1877, p. 85-87.

"15/19 10:30 a.m.
Kopartelis joceus ♀ ad 96.2 Caught in morning.

C. G. Hellmayer
% Zoologische Sammlung
des Bayerischen Staates.
München
Bd. Porto Puro.
Nankasser \$v. 51.
Germany.

Bull. Nutt. Orn. Club.
Vol. VIII, No. 1, Jan. 1883.
Members Penard, Harris, Merrick
Farley, Wrigat.

Pink snowbird, Canada (Chesapeake)

Humirens according to Miller has dorsal
Gland.

~~Wors - Oct, 1912, 1, 2, 4~~
influence of medulla on temp.

Struthio camelus, primaries 16.
lower wing coverts major row only present
2 wings close distal larger than
on thumb.

Filoplumes present on thigh & wing
possibly elsewhere.

Psittophaps gattator examine for
after-shaft for Miller.

Cistiola has tongue spots
cf. British Birds recently.

Oreomanes belongs in the *Actinidae*.

When ready for drawings of Porto Rican
material with Dr. Lucas either asking
him to have them made in New York
or submitting estimates for the work in
Washington.

Matthew wants paragraph on bars
from warm spring at Cienfuegos
Cuba to incorporate in his report.

River View
 ✓ 800 Big Bluebills
 ✓ 400 Little " 200
 Broad creek
 ✓ 1500 near Scamp
 ✓ 600 greater " "
 Big Hunting Creek
 ✓ 2000 near Scamp.
 ✓ 1500 Greater " "
 Washington
 ✓ 8666 Bluebills

Capt. J. S. Chanley
 West Shalyside
 Md.

#44 Justice Hunter's Camp.
~~\$500~~
 \$450

extra tips \$.05
 carbide .35 lb.

Apr. 23, 1920 Pl. old.
 10:00
 Butorides Irisum 102.7
 11:00
 Dendroica p. hypochrysa 109.6
 11:45
 Hyllocichla g. pallasii 109.3
 3:30 ♂ 3:30
 Sturnus motacilla ♂ 110.3 ♂ 110.2
 Apr. 24, 1920 Pl. old.
 8:00
 Comprothlypis a. ussuriensis ♂ 108.4
 8:30
 Minotetta varia ♂ 109.0
 8:30
 Zenotrachia albicollis ♂ 109.5
 10:15
 Troglodytes aedon ♂ 108.5
 10:15
 Sturnus aurocapillus ♂ 109.8

Canvas trunk straps
1/20 7 feet \$7.60

Butz & Co \$325 9.

Eastern Cotton Ball
14 oz. - 50 cents

Plummers dd Md	5/2/20
7:30	8.45
Laminis solitarius \$107.8	109.0

1 M. # 6 1/2 Primers. 350

March 27

✓ Port Tobacco River
16 Black Ducks.

✓ Nuttall's Pt.
✓ Bluebills - 20
✓ Whistlers 3

✓ Maryland Pt.
2 Black Duck

✓ Regina Creek
12 Whistlers
25 Black Duck
✓ 50 Scaup
wide water

✓ 125 Scaups
Owego
✓ 1500 Black Duck part red-begged
✓ 1 Mallard ♂

✓ 160 Bluebills
✓ 9 Swan, 5 ad 4 yg.
4 Am. mag.
200-100 Ring-billed
1 Kingfisher

Mar 28

Alcoquan

10 Tree Swallows

1 Killdeer

✓ 1 Spoonbill

✓ 100 Ring-bill

✓ Black Duck 3-1000

✓ Bluebill 50

Black Duck feeding on tide drift.

Hall during Point

✓ Black Duck 200

✓ Redhead 200

✓ Bluebill 600

Gunston Cove

✓ 50 Black Duck, all in pairs

✓ 250 "

✓ 250 Bluebills 100

Dogue Creek

✓ 1700 Bluebills, some in pairs

✓ 75 Greater "

with Hunting Creek

✓ 150 Bluebills

~~with Hunting Creek~~

✓ 25 Bluebills

✓ 4 Wigeon (2 pr)

Prataway River

✓ 3 Gadwall

✓ 2 Black Duck

✓ 125 Big Bluebill

✓ Jerome Bay to Pt. Lookout.
✓ 0-20 Harlequin 10-5-
✓ 1 Horned gull.
✓ 16-20-5 white-wings - 6
Pt. Lookout dinner stand pitch pine
✓ 1 Am. Scoter
Pt. Lookout to (in Potomac)

to Harlequin

St. George Id.

✓ 6 Bonaparte's gulls
✓ 15-2-4 white wings
✓ 100 Oldsquaws

March 26

✓ Pinery Point, Whistler 54
✓ 6-4-2 white wings - 6
✓ 3 Bluebirds - 10
✓ 4 Horned gulls.

Ragged Pt.

✓ 1 Horned gull
✓ 9 Surf Scoters
✓ 8 Bluebirds
✓ 9 Bonaparte's gulls.

Blackstone Light

✓ 5-30-3 white wings - 10
✓ 8-9 Bluebirds
✓ 2-3 Horned gulls + 4 Black Duck
✓ 20 Surf Scoters
✓ 3 Harlequin

✓ 20-20-20 Whistlers

- ✓ Wisconsin River
- ✓ 3-4 Whistlers - 10-3-4-7-2 W. Puffins
- ✓ 500 Old Square - 5-10-4-2-2
- ✓ 100 White wings 6-2-6
- ✓ 3 Surf Scoters 2-2
- ✓ 2 American " - 1
- ✓ 1 Black Duck
- ✓ 6 Hooded gulls - 4-2-2
- ✓ 8 Bluebills

Popoia Creek

- ✓ 3 Narelda rough
- ✓ Popoia Creek - Colonial Beach
- ✓ 4-3 White wings
- ✓ 5 Surf Scoters
- ✓ 2-1 Hooded Gulls
- ✓ 1 Loon
- ✓ 5 Whistlers
- ✓ 3 Ruddy

Off Russian Creek ✓ 6-16 Surf Scoters

✓ 8-3 Bluebills

✓ 20 Hooded Mergansers

Upper Machodoc.

100-6 Bluebills

✓ 1 Surf Scoters

Chipping Sparrow.

Mar. 22 Trans. reg. Wash - Balt. ret.

Caryon ~~pass~~ to depot

.07

lunch Balt.

.38

lv. Wash. 7:30 a.m. arr. Balt. 9:00 a.m.

lv. Balt. 5:00 p.m. arr. Wash. 6:30 p.m.

~~Caryon~~

McKean house - depot

.07

fare Wash. ann. jet - no waiting:

.52

lv. Wash. 2:00 p.m.

arr. Naval Acad. jet. 3:10

reg. to Annapolis

lv. Naval Acad. jet. 3:15

arr. Annapolis 4:15

Cyroc

20.31

Hotel portus

March 24

W. Annapolis 10:15 a.m.

Glaucon Gull 1

Jolly Pt. Bay Bridge

✓ Scaps 5-125

Bloody Pt. bar

✓ Scap 2 ~~white wing~~ Scoter 1 ~~Red-throated~~ Loon

✓ 4 white wing Scoter 2 Loon

20

Eastern Bay

✓ 14 Hooded Merganser (Fisherman)

✓ 30 White-winged Scoter
6 Loons

✓ 200 White-winged Scoters

✓ 6 ~~Clad~~ American "

40 Oldsquaws

~~1 American~~

✓ White-winged where where-er
lengthy cackling call - loud rattling
furthest of wings in flight.

✓ males in brilliant plumage.

male lower head & neck on water

& rush along for just toward female
then raise head & whistle

150 White-winged

✓ 15 American

✓ 6 Buffhead

✓ 10 Oldsquaw

2 Loons

To West River

✓ 40 Surf Scoters
West River

✓ 3 Old Squaw

✓ 400 Bluebills

✓ 20 Whistlers

✓ 800 Bluebills

✓ 25 Redheads

✓ 20 Ruddy's Water partridge

Mar 25

West River

✓ 3 Bluebills

✓ 1 Surf Scoter

✓ 15 Bluebills - 6

✓ 2 Old Squaw

✓ 6 White-winged Scoter

Below West River

1 + 5 Old Squaw (80' thru)

✓ 12 + 2 White-winged Scoters

✓ 19 " "

✓ 1 Old Squaw

Herby Bay

✓ 8 + 8 White-winged Scoters

✓ Chesapeake Beach 6 + 33 *Ademia deglandi*

✓ 8 + 10 *Harlequin*

✓ Plum Point 10 + 5 + 26 *Ademia deglandi* + 10 + 16

✓ 2 Winter Wren

✓ 20 + 4 *Harlequin*

✓ 22 + 20 + 4 Surf Scoter

hazy

around globe

Pig watch

✓ Paris 2+ 37+4 White-winged Scoters 17-18-19

✓ Cove Point 6 old squaw - 2 - 20

✓ 30 white wings - 28

✓ 1+ 2 Am. Scoters

✓ 3-4+10 Surf " - 20

✓ 2 toons

✓ Palms 15 Old Squaws 11+4

✓ 1 Am Scoter

✓ 1 Surf

Old Squaw male swims with head
drawn & then suddenly throws it up
& out after which he retracts it.

✓ 400 White-winged Scoter

✓ 100 Surf "

✓ 10 American "

✓ 100 Old Squaw

✓ 1 Horned grebe

✓ Cedar Point 200 White wing - 50

✓ 50 Surf.

✓ 100 Old Squaws.

✓ 5 Bluebills

✓ Pt. No Point 60-6 White-wings - 4-7-100-100

✓ 10 "

✓ 1 garnet Branch Goose

✓ 200-60-50 Old Squaw

✓ 10-20-1 American

✓ 30 50 Surf.

✓ 1 Horned grebe

Berazategui, De Aries.

~~Berazategui~~ 6/29/20

Brachypteryx ♂ ~~110~~ ¹¹⁰ Chingolo

9:30
Turdodytes 108.6 Raton

Belonopterus ^{vers. tenu} barking still like call.

10:00
Black with brown back. 106.5 alight on ground or fence. and then flits wings rapidly.

2 or 4 times chimney.
Nest, crown? size of Cooper's. brown with white rump & white band across primaries. feeding along shore.

Agelaius thibis, pink pink Bobolink like ♂ ~~110.2~~ ^{110.2} 10:45

Belonopterus

10:45
Anthus 108.0

Anthus coronatus

Brown light line over eye & band in wings 10:30
108.0

11:15
Cyclaris ~~109.2~~ ^{109.2} squeak. hopped about like

finch or tit loudness
11:30
Furnarius 109.2 Ann Quee Quee

11:30
Pooecetes 109.2
12:00 P.
Small flycatcher 108.0

12:45
Sycalis ♂ 108.2

12:45
Tachycineta ♂ 108. Pico plato

- Larus maculipennis
- Plegadis quararupna
- Gallinago paraguayae
- Actitis flavirostris
- Metopias pepsaceus
- Larus dominicus
- Chimango
- Pitangus
- Passer domesticus
- gray shoubird
- Icterus amaurochalinus
- Nycticorax nycticorax
- Agelaius phoeniceus
- Chondestes phalaenops
- Hawk with rump streaked breast
- Civies

Bromelia, willow, Eucalypt, Xanthoxylum.
 2 flowers. leaves on willow

Domingo 7:05 a.m. 18.20
 Martis
 Huus
 Sabado

Tamaricus rufus
 Cyclorhis ochrocephala
 Brachospiza capensis
 Troglodyte musculus
 Anthus furcatus
 Agelaius thilus
 Lechenops peripallatus
 Sicalis
 Poospiza

4323 Troglodytes F. im.
 4 Cyclorhis ♀ ad.
 5 Anthus ♀ im.
 6 Brachospiza ♂
 7 Lechenops ♂ ad
 8 Sicalis ♂ ^{immature of} ~~peripallatus~~ ^{with white} ~~arvensis~~
 9 Poospiza ♀ ad ^{personata}
 30 ~~S. nigrum~~ ♀ ad ^{Contritus niger}
 1 Cent. nigr. ♂ ad
 2 ♂
 3 Tamaricus ♀ ad.
 4 Ag. thilus ♂ ad

~~Lechenops~~
~~Contritus niger~~ ^{immature of personata} ~~with black~~
~~arvensis~~ ^{light}

Serpophaga nigricans small flycatcher
 Cinclus fuscescens light in wings.

Claremont.

7/4/20

Serodino -

Level country, mainly under cultivation
occasional alkaline swamps with grassy
areas adjoining road for grazing.
Scattered houses with low trees about
them, occasionally a few Eucalypts.
Small towns of brick streets houses at
intervals. Tall grass along right of way
burnt off.

Nothing, several. Chimango common
Many other birds.

English Sparrow abnd. in towns. Some
albinism among them. May this be
sign of degeneracy indicating decadence in
species that will in time eliminate
the bird.

Very little com for birds of any kind
fields plowed & smoothly harrowed
San Eugenio - barracha - more grazing
land with grass cropped close. Opuntia
appears & a few tracts with a scattered
thorny scrub. many birds. Short-eared Owl
fly out from grass near track & alight in few
flocks of quina. Many little Doves
Chimango, one sparrow hawk, quib in
lake. several Burrowing Owls. a
number with Terns towns

Flock of 200 *Zenaidura macroura* in plowed field
San Jose - brushy country near
a large lagoon, river? Apparently a good
place to work. I called town of 50 houses
Santa Fe.

Anthus corradina - in marshy places, note
a soft ten ten. Walk quickly with
ticking tail. Upper yellowish with white
under tail feathers in flight
Mimus, brownish with prominent
white line over eye.

Red-breasted blackbird short bill.
falter lifted wings nervously after flight.

Passer domesticus
light line over eye prominent, feeds in shelter
of open woods. I light peculiar, first
two 5 strokes with wide open wings
then two or 3 quick nervous strokes with
flitting motion giving erratic flight
Small dove with white in wings

Centurus - manirismos of small ~~branch~~
run rapidly few inches with head
forward and then stops abruptly
throwing head up. peke activity at
objects

Hirundo, barking call.

Molothrus bonariensis

Paroaria

Pitangus

guira

Machitornis

Quien a menudo se pesa, bien se conoce
Quien bien se conoce, bien se porta.

July 5

Vera fair size

Ozilia fine soft site for work but accan. 3

Caracara tearing something at ground

Chytrus? black, yellow bill & legs standing on
edge of bog.

2 Black Vultures

Country round with moths, in places
pen in others dense. Occasional grassy
scrub.

great pile of Quatracho, piled, redwood
on ridings

Roster

Jarabate small town fair
Colonne wood. a number of houses

Paja nava

Slender trunked palm bushy top

Aeria

Moss on trees.

Cañada Embri. Broad open swamp
grown with Typha, Scirpus, with
large open spaces covered with a
pedicular fleshy leaved plant. Machetons
running about on this.

Country absolutely level. In a
way suggests Everglades.

~~house~~ ^o
By noon had become much warmer
succeeded by flooded wooded area
poorly surrounded by water
Phimosus, Caracara, Eudynamis
Tyrannus tyrannus

Small palm 30-40 ft high common
large Kingfisher

level grassy areas look like meadows
with trees scattered through but
in reality are grassy ground swamps
with water 2 ft deep

La Sabana very wet but might
serve for short term.

30 Eudynamis in flock.

Woman washing clothes in pond
Charadriid might do.

By mid-afternoon swamps with
trunks of wood in the distance. Small
side paths lead out to bring in the
valuable *Ornithodoros*.

Stills, *Eudynamis*, *Tyrannus*
Flocks of noisy parakeets in pairs
a *Machitana* skulking on the back of
a walking ox.

~~But~~ Black Vultures, Caracaras, unknown
birds of prey.

Many *Ternis*? Nests

Evening air cool & fresh

Puerto Bermio - Las Palmas (north)
leave Corvintos 7:00 lunes y juenes.

Resistencia 7/8/20

Furnarius rufus 7:45a

Planesticus ruf. 8:00am little flock in brush - note robin like ~~note~~ audible barely at 50 yards.

Pochoptila ammoda 8:30

Brachypteryx cap. ~~10:00~~ preening in sun

Phoeniculus ? 8:45

Oriole ♂ 8:45 in open tree creeping about for slanting limbs clinging with strong feet, occasionally bracing with tail, preening and pushing at bark with long bill & dark w. very unornithine. ♂ 10:30

Merulionis feeding quietly on tree in thicket 9:15 10:00 10:30 10:40

① with red crest found in brushy places where it comes up at squeak. 4340

② in little flock in thick trees. active note view like "4338"

③ single bird in thicket flew up from ground at squeak. 4344

Compsothlypis pitaguri

④ ten ten. Dropped out actively in thick tree, active & sprightly in movement. 4337

Termite nest. 2 ft high rounded cone
15 in in diameter. Outer surface irregular
inside a mass of galleries. Was
a solid lump set in ground like a
tree stump and was readily overturned.
Black ants and millipeds under base
Pezomachus in leafy tree on bank
note a quick repetition of a hard
note rather woodpecker like. Jerked tail
up.

✓ *Compsothlypis* 10:45
108.0 note tail active
Myiarchus note a rather mournful
pip on pip in note like similar
note of *Nottalaimis*. Birds hop about
in smaller limbs, shaking insects
together.

✓ *Cathartes ruficollis*

Ammodramus ~~like~~ *tes* *ku* in 4342
sawgrass

⑤ ✓ *Pirches* on small twigs among leaves in
bush like little flycatcher. Makes only
short flights of a few inches, low down
near ground. Resembles *Gnatcatcher* in
hand. 4339

4335	Compsothlyps	Imm
6	Po. dumicola	Ad
7		Imm
8		Ad
9		
40		"
1		"
2		"
3	Myiarchus	♂
4		Ad
5	Peranga	Ad.
6	Furnarius	Ad.
7	Vireonini	"
8	Coccyus	" # 2
50	Plauschius	Ad.

Puerto Rico 7/9

Cissops sent a or squawking little song barely audible at 50 yards. bird sitting in

stop. I saw grass

✓ P. dimicola - song loud notes like

C. Chrysopterus digs in bark with mandibles opened apart to us sharp points notes a harsh pulsed char a mewing call.

① Small flycatcher white eyes streaked breast hopping actively about in edge of bush
Jucana #352

- ✓ *Brachospiza*
- ✓ *Pooospiza*
- ✓ *Furnarius*

✓ # 2 low mottled call, hopped up quietly from dense brush to get better view. 4360

③ ^{9:45} 10:45 *Dicaea* in top of tree twitched tail very nervously, whisking quickly half around & then back. 4366

④ ^{9:45} ~~10:45~~, in dense brush came out ✓ piercing alertly with twitching wing & tail. 4361

✓ *Tachyphonus rufus* ^{10:45} ~~10:45~~ plaintive scolding note in dense brush, came out & hopped about on open branches eyeing me closely

⑤ Black & white, came out from dense brush & hopped alertly about. 4363

✓ *Rufornis* two attracted by squeak came circling in and remained a few yards away squawking pitifully at times

Picumnus ^{10:30} ~~10:45~~ hopped & climbed about in small limbs like any ordinary bird only a few feet away. alert & active

⑥ ^{10:45} ~~10:45~~ note as piercing tee. song of clear whistle note repeated in a jutting cadence. in pitch & sound like Canyon Wren-Bird in dense brush jinks tail like water thrush. makes a quick flip flip with wings at each stroke in flight. 4358

⑦ ~~107.4~~ Hopping activity in bush
 chois chois cheu cheu - chee - co e e - ee
 cheu - cheu cheu - ee ee ee ending in hard
 trill in tops of trees 4351
 ✓ *Ceryle alcyon* ~~♂ 1000~~ a little flock in
 low bush

⑧ ^{12:00} 109.1 came puring out at me from
 bush. Bit savagely, 4367
 4351

- | | |
|----|----------------------------|
| | ♂ im |
| 2 | ♂ im |
| 4 | ♂ ad |
| 5 | ♂ |
| 7 | ♂ ad |
| 8 | ? |
| 9 | ♀ ad. |
| 60 | ♀ ad |
| 1 | ♂ ad. |
| 2 | ? |
| 3 | ♂ ad. |
| 5 | <i>Sialator thlyppei</i> " |
| 6 | ♂ ad. |
| 7 | ♂ ad |

Acrosterna 2/10/20

Jurus ~~109.7~~ Finding a bird
 sitting in tree. Active & sprightly like
 robin. It flew out jerked off as berry
 of them returned to perch with flat tail

"Rocky" active in bush *chup chup chup*
8:30
~~10:00~~

Megascops two pursuing one another high
in air with harsh rattling calls.

Thlypopsis ~~1000~~ resting quietly in open
purch in bush. note *tee tee* like Cardinal
but not so loud. wit *tee tee* a wit *tee*
all notes absurdly faint & weak for so
large - about a bird. when at rest
stands out big & bluff twitching tail.
Flight tugging. Has many of mannerisms
of *Passerella* or *Zonotrichia*.

Megascops apparently doing call of spring
rises & circles 100 yards in air &
then returns to river. One note ~
single harsh *chuck* or *chuck* repeated
like a rattle, all Woodpecker like.

Polioptila dumicola ~~9:15~~ note *ghee*
quite loud also a rapid *chut - t*. *brats*
insect on dirt

Procyon melanoleuca ~~1000~~ ^{9:30} ~~1003~~ ^{9:45} with flock
feeding on ground with *Coryphospingus*. Fly up
into low branches & then away. note a sharp
chip come out at squawk & then dodge
back.

Passerina flava note *chup* or *chup* ^{9:45} ~~9:44~~
with partner. perch on larger limbs twitch tail
flight undulating.

Comprothlypis note sharp trip,
 bare and built up nest 15 inches high
 of shredded bits of grass stem using
 small clump of sawgrass as base. no
 earth in this at all.

Dendrocygna ~~10:15~~ ^{10:15}. Hitching up trunk
 of tree occasional arising by flit of wing
 note musical.

O. Flew up from little open space into
 dense bush & there remained not noticed
 saw for turning of head.

Sialia ♂ ^{10:30} ~~10:30~~ _{109.0}. Flocks in little flocks or in
 company with other birds on ground in open
 flies up to perch quietly on green limbs
Grassbird ^{10:45} ~~10:45~~ _{108.0} Flies up to perch in
 saw grass.

- Coospiza* pit pit pit-it.
Chondestes ^{12:00} ~~12:00~~ Runs on ground like thrush
 4369 *Sporophila* ♂ ad 81 *Planct. Sim.*
 70 *Petrochelidon* " 2 " ♂ ad
 1 " ♀ im
 2 *Coospiza* ♂ im
 3 ale.
 5 *Sialia* ♂ ad.
 6 " "
 7 *Chondestes* " "
 8 " "
 9 " "

Bob Stewart
Stutz
Hotel Parque
Comisión Paraná Superior y Buzos
Fonseca - Hotel Dollo.

Las Palmas Chaco 7/13/20

- ① Flycatcher ⁴³⁹⁰ low whinnying call. bird
flitting actively about in tops of trees.
→ greatcatcher, whist see wheety wheety wheety.
Tanagra ^{8:00} ~~10:4~~ feeding in low brush in sun
tee tee tee wheety wheety
- ② Flycatcher like bird hopping slowly about
among twigs of algarroba occasionally
twitched tail ^{8:30} 4380
Picolaptes ~~10:45~~

My opossum in nest in clump of
sew grass. Nest a ball of soft grass
blades placed on a little platform or
foundation of looser material. Ball
four inches across. Animal curled up
inside. Moved sluggishly & awkwardly
on ground seeming to have little control
of front feet in this mode of progression as
frequently it fell forward. Propulsion mainly by
hind feet. Expelled breath with low aspirating
hiss. Climbed very readily. Light of
sun seemed too strong for its large eyes.
Temperature below 85°

#3 Hunting through low limbs fluttering wings & tail. 4391 9:30

Compsothlypis ~~3146.8~~

④ 107.8 Feeding in tops of trees beating insect on limb. note low ^{9:45} ~~9:45~~ 4392

Basileuterus leucobleph. 1098

5 B roun flycatcher hopping or flying from one perch to another among leaves & then resting quietly

6. Basileuterus yellow, very active among limbs jerks tail & flits wings. note a sharp tee. 4385

7. among open limbs of small trees acts like *D. fulvifrons*. 4389.

Jay, Harsh ^{10:30} ~~10:30~~ ^{10:45} ~~10:45~~ cawing
note. 107.8 " 108.1 108.1

Scops owl ♀ 109.0 ♂ 108.6 ♂ 108.8. Has a loud whistled double call note almost exactly like greater yellowlegs. also a harsh kee and a whick-ah whick-ah. Feeding on ground in wood over spot. flight undulating

H385 Basileuterus Lad.

6

7 Lad

8 Poospiza Lad.

9 Fin

90 Fin

1 Lad

2 "

3 Picolaptes Fin.

4 Tanager Fin

5 Lad.

6 Cyanocorax Lad.

7 "

9 Scopslex ♀

7/14 Las Palmas

① song tao tao tao tao tao, almost identical with Setta cav. Feeding slowly in limbs of tree - 4406

✓ Polioptila dum. Song pleasing & varied

✓ Tanager virens 8:45 8:45 in open ^{Blanca} forest

✓ Tanager virens 108-4 107-8 in open forest

birds very prominent rest on open perch watch ground & drop down

after insects. Fluff tail & lift wing. Act

& pose like Bluebirds. flight undulating.

✓ Picumnus 4402 9:00 100-5 working on smaller limbs

pecking & hammering.

Vireonidae 107.6. tapping on limbs like

Downs. 4410

4407

② Flying through the tops like Vireo, flying a few feet and then pausing to look around.

✓ When resting quietly in many bush loud rattling note 10:15 4403

✓ 3 Black Flycatcher ~~10:15~~ 4404
perch in open bush with flit of tail

Amazona 1083 shot flying. Steady low direct flight calling chuff. came down with loud ahe ahe ahe ahe.

Jay 10:00 a.m. 108.6 Jay like notes 4412

Black Flycatcher. gills tail acts like phoebe

a border of little jumping 4405

Hawk 10:34 4415

10:15
Campophiles 106.3 4411

4402 Pteropus ~~10:15~~

3 ♂ in
4 ♂ ad

7 Jaemiflora in...

10 Vanhormis ..

1 Scapanus ..

2 Cyanocor. chys. "

4 Pranus B



7/15 Las Palmas

Anthus 8:30

Parakeet 108.0

Kree-ah Kree Kree Kreeah

① Synalaxis flitting actively about in low brush; ② ~~106.9~~ in smaller umbos constantly on move

Troglodytes musculus 107.2

chr. chr.

sung in pairs zhu - zhu bubbling song.

2. Spee-ec-ee active in brush.

Polioptila dumicola 9:45

zhu-pu-u

chit it, a sweetly warbled warbling song

in pairs

Pachyphila 10:30

Guira 108.0

Grassfinch 107.0

Mimus trivus 12:00

Polioptila dumicola chinchwiga

Synalaxis Ondul. Taquarita

Synalaxis

alongo; ca-a-guêpe

Guira

Pilicho

loro naranjero

44/18 Pach. Pin

29 Mimus 3 ad

20 Troglodytes 3 ad

30 Tachycineta 9

1 Anthus 3 ad

1 Guira 3

2 Anthus 3 ad

3 Pin

4 2 ad

2 others

6 Pin

8 3 ad

Las Palmas 7/16

Brachypteryx 108.3

7 holes low'd whistling note instead of
laughing call.

Troglodytes ^{9:15} ~~107.2~~

Scapanus ^{9:30} ~~107.3~~

Dove ^{9:45} 106.4 who whoo-oo note low

resonant with a mumbating sound.

bird perched huddled up on limb in
dense brush ^{10:00} 107.7

Long-tail ~~107.4~~ ^{10:45} 11:45 quee pah

Tinamus ^{10:54} ~~105.4~~ ^{106.0}

Small squaloid red brown cap. found in
gassy savanna, this up with quick titling
flight to drop down in cover.

Sparrowhawk.

Ptygochalcidon

Amphispiza

H# 32 Troglodytes ♀ ad.

ta tan

Asajoro juego 4433

33

♀ im.

4

♂ ad

40 leptotila ♀ ad

5 Brachypteryx

2 Tinamus ♀

7 Quornops ♀

8 Chrysomitris ♂

9 Ceophanes "

ow-a-hoo

Las Palmas 7/17

Grassfinch ~~at~~ running on ground at base of clumps of grass in open space 108.7 ^{9:15}

① in open pasture pecking by clinging to sides of stalk 18 to 24 in from ground, juts tail flight undulating

Flight of Jay peculiar, straight & direct but accomplished by a number of slow beats of the wings followed by half a dozen quick ones; before reaching the perch the wings are at first a long glide.

Saltator, note trap found in brushy pasture. flight undulating rather shy.

Ceryle 9:00 109.6 10:15 108.2

Thamnophilus ~~10:00~~ 9:30

Troglodytes ~~10:00~~ ~~10:15~~

Green Kingfisher 9:45 106.4. Not a high pitched chirp rather

Small Kingfisher 10:00 105.3 flew up & seized insect

Paroaria capistrata 10:00

Tanagra cyanoptera 109.4

Opator frog-like up a-looms

Myiarchus 10:30

Pitangus ~~10:00~~ erect, thrusts bill down toward feet with neck erect to display crest in front & shakes wings rapidly. making loud clicking with bill

16:45
 Ithypopsis ~~107.0~~
 Leptotila 108.5 low coo-oo a guttural harshly
 audible at 40 feet. walking rapidly on
 ground under open limbs. sparsely throws
 head up and then jerks up spread tail
 with a bow.

11:00
 Megascops 106.5 check check.
 Long tail ~~105.5~~

- 4445 6 ♂ ad.
 6 Troglodytes ♀ ad.
 7 ♀ ad.
 8 ♂ ad.

- 50 Green sp. ...
 2 Tanagra ♀ ad.
 3 Myiarchus ♂ ad.
 4 Molothrus ♂ ad.
 5 " "
 59 Saltator ♂ ad.
 61 Ceryle "
 2 " "
 3 Chloroceryx ♀ ad.
 4 " ♂ ad.
 5 Streptopelia "
 6 Leptotila "

58 Ithypopsis ♂

- 4436 Ceryle "
 41 Leptotila "
 51 Sparrow ♀

Las Palmas 7/19/20
8:00

Grackles Sparrow ~~1086~~

"Clayton" found in open branches of tall tree when it hops slowly about. note chee-ee-ee. a low whinnying call. Hopping about actively in bushes & then in tops of trees. light throat prominent. call note a low chee-chee.

Hopping about in edge of bushes like a Tit. Note a mewling scolding pruh-pruh-pruh. — — —

Grackles in loose flock in top of leafy tree or feeding on open ground beneath. Near marshy. Notes musical, or whistled but broken. Some a slow one they. ^{note heard} chee.

gaura note. rather kee-ee-ee & come strutting in curiously & throw crusts out.

Ami familiar Quee-ee

Thamnopolis - heh-heh-heh-heh-heh-heh-heh-h-h-h-h-h-h-h - quo ah. heat a squirrel like squawk. Bird in waxy brush. Perched in low tree. Alert & jaunty in actions. rather wary.

Gray throat Sialia. two in waxy place, came out with scolding notes. Their feathers have gray bases & stood out so that they appear to form a shield shaped patch.

Curve. bill climbing up side of tree in
dense brush

woodpecker like band. note a rattle
somewhat like downy.

Pachy. ^{trip} tee-ee-ee-ee-u, a
quiet little trill audible at 50 yards.

- 4471 Pachyzybia Lad
2 Grass. sparrow Bad.
3 Cynallaxid Fin.
6 Elaenia Lad
9 Trichopneus Bad.
80 " " Lad
83 Saltator Fin.
4 Thamnophanes Bad.
6 scrub " "
89 ani. " "
90 serripes Lad

7/20 Las Palmas

Troglodytes nys. ~~108.6~~ 7:45

Fornicariid ~~108.7~~ 9:00 curch.

Polyborus ~~104.2~~ 9:15

Cathartes ~~104.3~~ 9:30 10:00

Rhamphastos ~~106.4~~ 11:15

Pooeciza ~~109.0~~ 11:15

Poliophtila ~~108.6~~ 11:15

- 4491. Molothrus ♂ ad.
- 3 Poliophtila "
- 4 Troglodytes ♂ ad.
- 5 Pooeciza ♂ ad.
- 6 Fornicariid ♂ ad.
- 7 Rhamphastos "
- 75 Fornicariid "
- 8 Tanager "
- 82 Tachycineta "
- 92 Tachycineta ♂ ad.

- 4500 Picumnus ♂ ad
- 2 Picumnus ♀ ad
- 4 Basileuterus ?
- 5 Fornicariid ♂ ad
- 8 Dendrocopos ♂ ad.
- 10 Myiarchus "
- 11 Trogon ♂ ad.
- 13 Thryothorus ♀
- 4506 Elaenia ♂
- 14 Parrot ♀
- 15 Manakin "
- 16 Hawk "
- Can re

Las Palmas 7/21

Thectocercus ^{8:15} ~~107.6~~ ^{8:15} ~~107.0~~. Climbing about among limbs in characteristic fashion. Notes harsh & grating. Flight very swift & darting.

Toucan. call a rattling grunt.

Formicivora ^{8:45} ~~107.6~~ tree tree

Dark-eyed Flycatcher ^{9:00} ~~107.7~~ Hopping about in dense brush, pausing on suitable perches

Basileuterus ^{9:15} ~~108.4~~

Trogon ^{9:45} ~~105.6~~ resting on spurs limb in forest tail hanging straight down body erect. rather jay like in appearance. note a low flick.

Brown Flycatcher ^{10:00} ~~109.5~~ Found in deep woods low down in shrubs. note shrill tea-ah

Myiarchus ^{10:00} ~~109.0~~

Dendr. ^{10:15} ~~108.4~~. Quite deliberate in actions hops & clambos about on twigs & branches.

Scimmus ^{10:15} ~~107.3~~ ^{10:15} Rather tit like in actions. Found low down in dense shrubby near border of wood.

White-rumped Hawk ^{10:30} ~~105.7~~ at rest in top of tree.

Amblyramphus check check, tee-ee-ee-te. a clear flute like whistle

Chamaea ^{10:00} ~~107.1~~

Tinamus ^{11:15} ~~107.2~~

8:15 Heron 104.8 flies with short strokes of tip of wing walking about on water plants 2 1/2 ft water. no wing appears dull gray with lighter tail & duller fore part in fluffy cloud. Powder blue out.

8:15 Blackbird 108. feeding on water plants

8:30 Pipit ~~100.0~~ note tree-a. Marvellous to relate does not titillate tail. Landing on wet ground walking over water plants. 3 light quickly undulating in little jerks.

8:45 Yellowcrest ~~107.5~~ low down among sedges in swampy. shy.

9:00 Brown scakata 109.2 flight undulating swift note like call of english sp. perched in wood & then dropped to lower perch in cane

9:00 Dusky streaked Finch 108.6 shot among yellow weeds.

9:30 Brown Anzobous 107.8 note pre pre in sedges. ~~109.0~~ ^{9:30} Out little birds with light brown wings & dark tipped tails that fly up among weeds with quick undulating flight Ori in cane

9:45 Myzopiza nana ~~107.7~~ ^{10:00}

10:00 Olive green Flycatcher ~~107.5~~ tiny wings banded low among aquatic vegetation flying along under cane with well fluttering flight - ~~109.15~~ ^{10:15}

10:00 Pooziza pusoneta 109.5 in weeds

10:15 Greenish in weeds note teehup.

10:15 Yellowish yellow throat 109.5 grating chirp chirp in weeds dropped down to just on level of vegetation in grass. - some hard to follow

Chrysomitris 10:30
108.2

Pipit 11:15 tea tea tea tea
108.6 108.6

- 4518 ♀ ad.
- 20 "
- 22 ♂ ad.
- 24 "
- 25 Myzomiza "
- 26 Anthus ♀ ad.
- 27 " ♂ "
- 28 " ♂ "
- 29 Porzana ♀ im.
- 30 " ♀ ad.
- 31 " ♀ im.
- 2 " ♀ ad.
- 3 " ♂ ad.
- 4 Argemone cyan ♀ ad.
- 6 Syngnathus ♀ ad.

2-3-7-9 stud - schiffen

Las Palmas 7/23/20

Vireonops ♀ ~~105.6~~ 7:30

Scolecophagus 108.4 ~~108.4~~ 8:15 little flock pushing along

juv in sun ~~108.4~~ 8:15

Jacana 103.4 ~~104.0~~ 104.3 8:30 *curvata* small. *Agua piara*

Cassidix 108.4 gray gray harsh.

Birds in dense brush hop up alert & active, tail thrown up & then disappear shy.

Pnathura mag. ~~108.0~~ 9:00 when a

Tachyphonus 108.0 10:15

Thryothorus 109.4 ~~109.4~~ 9:30 pruh-h-h-h-h

Pooecetes melanotos 108.0 10:00

Saltator 108.7 resting quietly in tree in sun. bill gummed with vegetable matter from food

White throated warbler *Dumetia* 108.0 10:00

Choe loud explosion, sharp, 11:00

* Brown. crowned flycatcher 109.8 feeding in Bromelia few inches from ground hopping slowly about.

long tail 107.9 10:30 Tail bobbing a little in wind in climbing about in brush.

Sicalis *pyrrhuloxia* 108.4 ~~108.4~~ 11:15 jilguero

Psaltriparus 107.8 11:15

Cypselurus ♂ 106.4 11:15 tee tee tee when

Woodpecker 107.4 11:15

Agelaius 110.2 110.4 110.3 12:00 note chick. rolling like slight undulating

Motulus badius chu chu | toy sweet
 tree ter. check. in tops of trees rather
 spungily, less stolid than others.

Cyanocampa queena hō nasal
 Dendrocoloptrid tagueritā
 4537 ♂ ad.

- 49 "
- 54 Ag. "
- 4539 Euphonia ♂ ad.
- 41 Sudriater
- 43 Sicabio Fim.
- 6 Longic ♂ ad.
- 8 Lechinops ♀ ad.
- 52 Cyanocampa ♂ ad.
- 53 Agelaius ruf.
- 60 Amblycercus "
- 1 Jacana "
- 2 " ♀ ad.

- 4542 sudriater ♂
- 4 Porcupiza ♀
- 5 synallaxid "
- 55 Agelaius ♂ ad.
- 6 Tachyphonus "
- 7 Ictanophylus "
- 9 Saltator ♀
- 63 Jacana "

order trees

7/24
8:45
Picolaptes 108.3

mouse an gu ja
Las Palmas 7/26

Phaethon chlorocephalus 105.8
sttt whittt pett pett pett

White-throated Tanager notes loud & sharp as in Tanager. Birds bob & jerk tails in perch. much excited.

9:15 9:45
Phaethon 108.2 108.5
in pasture - flight undulating shy. comes out on open perch its dead limbs to sing. chu chu chu wheet a ear song musical but abrupt, suggesting in delivery explosion effort of white-eye. Sattator 9:30 ~~107.7~~ perched low, feeding on ground in open with other brush birds

9:30 108.4
Phytoloma 108.4 in top of tree in thick perching quietly with feathers on head raised in creat. light eye prominent 20 quira rattling note when I appear, birds fly up to perch near together & then fly off alternately fly, fly & sailing with tails above line of back look like miniature aeroplanes.

10:10 107.8
Circus 107.8 sailing gradually along shore of lagoon. a beauty.
10:15
Rupornis 105.4

10:30

Synaldisid white line over eye ~~1076~~ picking
 & prying at ends of little stubs. Climbing
 actively about 10:45 but not woodpuck form
 Amblycerus 107.8. Hopping leisurely about
 in open brush 20 or 8 ft from ground
 examining parasite & notes
 Picidaptis probing pineapple air plants
 Tachyphonus ♂ 108.13
 Euphonia " 109.15 where.

Amblycerus Queve onomato.

Caculus Pajaro sergento.

4566	Euphonia	♂ ad.
7	"	♀ ad. x
8	"	"
70	Phytoloma	♂ ad.
1	"	♀ ad.
2	Saltator	♂ im.
3	Phenacurus	♀
4	"	♂
5	Tachyphonus	♂ ad.
7	Phallusa	♀ ad.
9	Rufornis	"
80	Coccyz	♂ ad.

Las Palmas 7/27/20

1) *Thlypopsis*, *gran che vido*. song louder, more insistent than I had heard. sits on sawgrass ~~was~~ *fa tea taf la taf la tee*, rather squeaky with odd cadence.

1) *Agelaius ruficapillus* 7:45 ♀ 109.8

1) *Mimus trinn* 7:50 ♂ 106.8 in bush in sun Calandria
Coccyzus 105.8 Falcon

Scoptes loud whistling *whick whick whick* very strong. bird flash wings as they call & approach one another on trunk of tree. similar to whickah note of *Colaptes*

Carpenters del suelo 8:15

Shortbilled *Elania* 105.8 feeding by hopping

around in thorny bushes growing in open.

Aedon 8:30 *caeris* ~~105.8~~ Feeding in open thorny scrub on savannah, active in movement but deliberate, swinging far over & down to examine underside of limbs.

Copinus *rut rut* harsh single note

came flying over with slight twittering flight

Yellow-throated *Synallaxis* scolding from bushes.

9:20
C. chrysops 108.0 *urua*

Barba de chivo 10:15

Ceophloxus *humbos* 108.9 appears black on wing with light head. flight bounding

Amphispiza magister juvs sailing about
in short circles looking down at me curiously

C. cyanoides. ^{10:30} 107.6

Dyctopicus leucurus ^{10:15} 108.0

Icterus ^{10:30} 108.5, note spick spick, with
a clear whistled note of song or two
feeding in pines in trunk at edge of
Mente very alert & active ~~viduets~~

Vodreets = *Coccyus* also.

Sialia pygmaea ♂ ^{11:00} 108.7 *pygmaea*
Chunango.

Picus *taeniurus* - high thin

Melospiza ^{11:15} 105.1

call a bird tent like
squall light, far in air wing in flight

Trichopicus ^{11:00} 109.6 chick chick

Colinus ^{12:15} 107.6

4583 *Serpophaga* ♀ im.

4 *Ateleodacnis* ♂ ad.

7 " "

90 *Icterus* " "

2 *Mimus* ♀ ad.

3 *Dyctopicus* "

5 *Trichopicus* ..

7 *Gubernatis* "

4600 *Certhia* ♂ ad

63 *Melospiza* ♀ ad.

4586 *Sialia* ♂ ad.

91 *Agelaius* ♀ ad.

4601. *C. chrysops* "

2 *C. cyan.* ♂ ad.

Las Palmas 7/28/21

T. dominicana, like *Mocker* in action flies down to ground to pick up food & then back to perch on top of low bush. When 7:45 when you see a phrasing little whistle 107.8

~~Synallaxis~~ ^{8:15} *Synallaxis* ^{108.3} in grass along fence flies along with billing flight like flick chip chip.

Red cap *Synallaxis* ^{8:15} 108.2

Anted yellow mark *Thryothorus* ^{8:30} ~~108.3~~ bobson to perch on side of bush

Rufous ^{8:45} 104.8 sitting in orn in top of tree light eyes prominent

Geothlypis ^{9:10} ~~101.9~~ ^{107.2} feeding among undergrowth ground ^{9:30}

Agelaius 109.0 109.8

Propriza pumata ^{10:01} 109.3 ^{11:15} 108.6

✓ Saltator *te te te tu*. first whistled cardinal like, ending with a drawn out burring note. bird singing from top of tree *poat poat*

Amblyrhynchops ^{11:40} 109.2

quial note with blowing on grass stem

Deen skol, Mien skol, alle
vacare

Dein Skool, mein Skool, alle
vakre Flickers Skool.

San Ignacio

San Nacio, Mission

Posadas Hotel Aguaru

4608 *Geothlypis* ♂ ad.

06 " ♂ ad.

09 " ♀ im.

10 *Porospiza* ♂ im.

12 " ♂ ad.

15 *Agelaius* ♀ ad.

4617 ~~♂~~ *Taen.* ♂ ad

19 *Amblyramphus* "

20 " ♂ im.

1 *Rufornis* ♀ ad

4611 *Porospiza* ♂ ad.

58 *Geothlypis* "

05 " ♂ ad

Peromyscus cimbicus "

7/20
7:30

Jan. Dove. 107.8 Flies up to perch on wire.
General build like *Mimus* but wings longer
& more pointed and tail shorter & square.
Altitude that of Kingbird.

Broad-billed Claytonia 107.8 off white varied
to explosive white speck. Bird flies from
tree to tree with titling flight, jerks tail
quickly two or three times after alighting.
Hops from perch to perch pausing many
seconds on each. Hops among lower
branches of low thorn trees in open

Guirongosar. flight direct, graceful etc.
Notes brisk whist, call note low churr.
Birds feed in open savanna but
fly out constantly to alight in tops
of cassy trees when they perch quietly in

Sim. I. One carrying something in bill.
Streaked-breasted Flycatcher 907.8 Flies in
dense growth with jerk of tail. Found in
very heavy cover. Flies but after insects
then flycatcher in manner

Robin, note pup pup. Bird frequents dense
brush. ~~often~~ on ground in subwoods under
dead falls, walks as much like robin & has
some slight mannerism of jerking wings
& tail with head out.

9:45
Planesticus rufipennis 108.6 Flies up from ground
in heavy open woods jerks wings & tail like Robin

Rufous comes flying in at sunset, yaks
& wings tail shows mass finally begins
to squall

Whinnier peculiar rattling call

1) *Formicariid* ^{11:00} 108.3 low down in Burdia
tapping few inches at time & then stopping
jerk tail like Flycatcher

1) Gray-throat *Synallaxis* ^{11:00} 108.0 chup chup
chup tea tan tan, shaking wings loosely
& jerking tail. Flying low down in Burdia
coming up once or twice to per & then
going on about ^{11:00} ~~around~~ in woods

1) *Trichopius*? ^{11:00} 108.3 & ^{11:00} 108.6 harsh yak ah
yak ah yak-ah. scolding rattling
chuk chuk chick-ah. travelling in
little flock along, alighting in all dead
tree

1) *Syneilesis* *quah-hygnah-h-h*, loud
whistled note

Arremonops ran out at edge of lagoon
head & neck erect, tail on back twitching
rapidly, ran up into grass & shrubs
Rhynchotus ran out swiftly through
grass at edge of wood.

Barreria *cuc.*

1) *Molothrus* *badius*, shows shows
plainly as birds fly out

Juncos found feeding on floating
 vegetation when gust comes after
 bank of estero. when feeding give
 way. birds assist passage by
 quickly lifting wings.

Cath. *calyculis* very tough.
 Dam. *donner*. *guira guira*
Planesticus ref. *Torral Colorado*
 " " *Blanco*.

X 4624	♂ ad.
25	♀ ad
6	"
9	♂ ad.
30	"
3	♀ ad.
4	♂ ad
28	<i>Paranga</i> -

Snakebird.

Burrowing Owl

Cormorant

Leucorhynchus candidus

add new species from July 26.

Las Palmas 7/31

Dotarius fauquieri ♂ circling about lagoon
Mitrospiza peruviana 50
Seal. White spec. Blue shoulder, white line on
face

Eusamma

Plegadis

White throated Tanager 8:00 107.5 dw Thorn bush

& cactus hopping about in dense cover

Phytoloma rubra ♂ 8:15 109.0 dw open brushy

pasture, resting quietly on tops of bushes

or hiding & hopping among lower branches

Tachyphonus feeding with other ground
birds in brushy pasture.

long tail - sharp scolding rattle

Tanager 9:00 108.3 10:15 108.6
9:15

✓ Crested Woodpecker 106.8 . dw dense growth

six feet from ground hammering industriously
but with little sound.

Cyclarhis 9:30 108.6 Hopping slowly around edge of brush

✓ Hummer 9:30 102.8 came in at Squak to crane head

Arremon 9:30 110. Hopping about in dense

growth at edge of woods

Hemiprocne 9:45 107.8 . Feeding quietly in

bordering dense growth tapping on trees

Robins, 7 lock on ground in open
took to woods when flushed.

Long tail 10:00 108.0
 Red cap. 10:00 107.6 Feeding in little company in
 grass. flew up to perch close together in
 low bushes of ~~the~~ pass on

Scopsky 10:15 107.0

Thamnophilus 10:30 108.8

Pernis 10:45 108.5 wings flat flat as
 bird flies from limb to limb.

Chrysotilus 11:30 108.8

46407	♀ ad.	4642	♂ ad.
8	♂	3	"
9	"	4	♀ ad.
50	"	55	♂ ad.
1	♀		
2	"		
3	♂		

nephew Gregorio Florito

Garavata

36 ♀ T. dipu Chino de Cacique Mayordom
 8 ♂ Moreno Chino Cacique
 40 " Cacique ~~B. B.~~ Burgor (2nd)
 45 " Kil 263- Sobro

Mamuel Martin Fordana

Molothrus bonariensis ♂ 4:00
 ♀ 110
 ah percah ah percah

50 got nah

conejo del monte

Las Palmas 9/2
Santos to Bertolotti

Las Palmas, Chaco photo of train
/ Jacaris along on banks about pilot
fire of officers.

✓ *Streptopelia* in pairs. Cut banks here
furnish many nesting places.
River continues 1/4 mile wide.

✓ Some Jacaris 10 ft long.
Banks wooded. In many
places dense undergrowth of *Stemona*
A light house on piling 15 ft high at
mouth of Rio de Oro which led back
into heavy woods with stems clogged
with floating vegetation.

✓ La Mitad, Paraguay, immediately on
bank of River, a small place with
scattered houses. Remains walls of an
old brick building of large size, destroyed
by cannon shot many years ago.
stood prominently.

✓ Current very strong, water can stir
brown, whirlpools made labor of steering
difficult. We hugged one bank as the
other closely to avoid the main
current. In places ~~game~~ cattle
& game trails broke out through the
dense vegetation at the waters edge.

Boat came out clear in afternoon.
Changing dull gray blue of shadows
to clear green, olive green and
bright yellow green in the
varying vegetation, a beautiful
scene.

✓ A feeling of depression that I had reached
in the day, due probably to mid-afternoon
passage. The boat was crowded, but
I found seat on the bow and enjoyed
the view.

✓ Medium sized Kingfishers common.
They jerk tail as they rest. The one
I saw up to rafter at Sam's had tail
tail completely over back as though
it were attracted to head by string.

✓ On low shores trees have been over by amount
were grown with creeping vines forming
a dense tangle.

located my bed and then sat for some
time on the lower deck. Mud was
out level with the shore and could look
out directly into the heavy growth.
The water country was ~~unbroken~~ until
we approached Puerto Barrios. Here for
a time were scattered ranches at
one I saw twenty or more bundles
of grass cut & stacked loosely
against a post to provide seed for the

men fishing with lines tied to a
log & set up on low sticks from
which they fell when a fish took
the bait. Puerto Beronio known family
as Jimbo. Has two schools, a place
of some importance.

I did quit with attentive mind
that he had looked over ears.

We land at Puerto Beronio, a
by the way line ashore
cable attached. Two planks are
strung aboard and old ladies
& the passengers go by when in
this precarious footing. Baggage
& mail follow in confusion.
A hundred people are gathered to
watch. Beronio has electric
lights and several two-story
buildings. It is well that I
did not come here. At last
we are off again.

R.P. trip. Again stops &
my baggage is aboard. We are
off rattling along over joints,
sparks at the front & at rear
now. An Indian jumps. The
engine runs ahead to Texaco.

Cerro, F. D., pitch dark. The boat shut down
and a long rowboat manned by three men
came off, took me a sewing machine
& passengers were bundled in and
we were off again. Villa Bidas, Paraguay
lay across the river. There were many
brilliant lights now starting along shore

~~a~~ a no ih' = ^{small} Crotophaga ani
a no ~~chigigit~~ ru ru = major

quia ~~pe di de~~ pe ri ru = to crackle

ta ta

gaana hoo

Tomosa - Fontana 5/6/20

Country level & open. Broad stretches
of Savannah dotted with palms with
glebe trunks and round bushy head
that resemble Aeria. What I take to
be young trees have the petals of
the leaves entirely surrounding them.
Grassy, marshy region ~~with~~ with
groves scattered through. Eucalyptus
in open space. An ovenbird in
scentance of nest, used as a roost?
jacanas on an aster.

R.R. station from below a busy place
cargadores bustle about weighing
luggage. Distinctions written on
slips of pink paper & pasted on
parcels with evil looking past.
Beds, trunks & parcels checked
indiscriminably. Two goats ^{leading} with
a pink slip posted around me
horn. A large bull dog
belonging to an officer. Another
dog in the crowd.
Women sell oranges & bananas
squatting on platform.

Smiles over river beautiful
sky absolutely clear with pink
glow in the east. River bank

~~Area~~ open with cut bank descending
abruptly to water 15 feet below
7 Eucalypts with their open
foliage & graceful outlines break
the straight line of bank beyond
a ramshackle banana,
below a foot or two. and
in the run a long island
~~with~~ with some of yucca but
water smooth save for ripples
in the swift current. a
dark line for the further
shore where a road is
crossing. Air cool & cheap.

A bell rings whistle blows & train
starts. Engine of green metal,
several freight cars with my
baggage in 625. Two or three
second class coach, a ~~number~~
half a coach for first class passengers
and a caboose like affair for
officers behind. R.R. is abundant
at present built to develop new
country.

My Sargador energetic, Rubis,
on hand at 5:30. Money not
valid without number in
corner, tears easily.

Film 13

- 1 Fontana 8/10/20
- 2-3. Border of Monte Pelaga 8/18/20
- 4-10 Monte, Linda Vista de. "
- 11. Bolsa 8/9/
- 12. Buzys 8/10

Film 14

- 1-8 Picada in el monte Pelaga 8/11
- 3-12 Hacienda Linda Vista, Monte, Riacho Pelaga
to show alkali, view of work quarters, lagoon
etc. 8/14-~~15~~ 8/16

Film 15

- 1-2 lagoon floating veg. 8/16 Riacho Pelaga
- 3 birds "
- 4-5 Cachueo 8/17
- 7-10 Riacho angle 8/18
- 11-12 journey in monte "

Film 16

- 1 trail picada 8/18 Riacho Pelaga
- 2-3 of water "
- 4. Anuncios 8/21 Fontaine
- 4-6 Grant hills "
- 7-8 Palm/ground Swamp 8/22 Tomosa

Prof. N. Rojas Acosta, Resistencia, Chaco
Historia Natural de Corrientes y del
Chaco. 1915-1916. July 1917. \$5.00
Imprenta y libreria El Porvenir, Republica
Argentina.

Editor Estanislao Dupuis, Resistencia
Chaco.

Kil. 34 English Sparrow. marten
100 acres dotted with minute hills
two- three feet high, 10-20 feet apart
not spots literally hundreds of the hills
Broad marshes with heavy growth of reeds.

4 eggs

Black also streaked up with full
strokes of extended wings with slight
pale at end of poststroke giving
curious appearance.

522

~~34-53~~ 34-53-83-109-139-168. ~~522~~

Small black gran. in tree on marsh
open country with clumps of brush
& grass. Attract & appearance of present
adult.

Pirané

891
565

126
34

160

Pilaga 8/7/20

Ceryle alcyon 8:45
♂ 107.0

Yonimpar, flies out to meet female & circles down in graceful spiral with side song. Singing from position on prairie

10:00
Poliophtila dumicola ♂ 108.0

10:00
Synallaxis white line over eye 107.0, working through small limbs at then along horizontal limb prying among parasitic plants. uses tail as brace like but seems rather clumsy in this mode of progression

10:15
Red cap synallaxis 107.2 - du dual sense

10:15
Turdus 108.0

10:15
Troglodytes 107.2 - 11:00

11:00
Dove 108.1 and 108.6

11:00
Mourning 104.8

11:15
Mocker 108.6 108.0

check.

4656 Poliophtila ♂ ad.

7	"	6 ♀
8	"	4668 Picumnus ♂ ad.
9	"	9 ♀ ad.
60	♀ ad.	70 Calliste ♂ ad.
1	♂ ad	1 ♀ ad.
3	"	3 "
4	"	4 ♂ ad
5	"	5 "
		6 ♀ ad

Reacts Praga 8/8

✓ Callista ^{9:00} 107.9 perching in top of low
thorn tree at edge of moat.

Zonariid ^{9:05} 107.3 prob. h prob. h
Hopping slowly about like tit in open
branches under cover

White eyebrow sylvanid, tail seems rather
awkward bird swings around under
limb & up other side by use of feet alone.

Milvage ^{9:15} 103.6 came flying in with head
spreading almost with

Striped Flycatcher ^{9:30} 108.1. Perches with jerk of
tail

Psittacus ^{9:45} 107.3 creeping about in limbs
back down etc.

Hypothymis wok - wok.

quaw quaw quaw quaw
quaw - qua er. rising inflection
at end

C. black jay - chah-chah quaw
saw

chapsos. kuk kuk kuk, jerking up
& down on perch to full extent of legs
holds crest fully erect.

Thamnophilus ♂ ^{10:15} 107.6 ♀ ^{10:15} 107.8, at border
of brush.

Taeniophora Som. ^{11:15} 109.0 all appearance of
mocker.

Crescens canactita. ~~Restiaria~~ Batutia
 Pycnocephalus Brazita de Fuego
 Cardemilla

Riacho Pilaga 8/9

Gallinula 8:00 8:00 8:15 8:30
 102.6 103.6 104.0 106.4

White-headed Cotinga inhabits ~~lythra~~.
 Flies out for insect and then drops
 back to alight & perch quietly bare for
 quickly twitching tail. note scet
 thin & high but carrying well, frequently
 make quick rattle with wings in flying.
 from one perch to another.

Pooecetes melanoleuca in nests

Gube 9:30 104.9

Pipit 10:00 108.6

Leptotila 11:15 108.2

Chaja

Sarkidornis

Syrnina 12:30 105.2

4694 Gallinula ♂

5 " "

6 " "

1 Leptotila "

4679 Peruvia ♂ ad.

80 mol. ♀ ad

1 Saltator b. ♂ ad.

2 ♀ ad

3 ♂ ad

4 ♂

6 Pipit ♀ ad.

7 ♀ im.

8 ♂ ad.

9 "

90 ?

92 ♂ ad

3 ♂

8 ♂ ad!

Barr ~~...~~

Palo Borracho

360-31-78.

Riacho Pelaya

8/10

Sakuhumis

8 creamer

Other notes

Long tail 10:15 107.6 note a grating rattle

Yellowthroat ^{10:45} Syllard 107.8

Parrot ^{11:00} 108.5 ^{11:15} 168.8

4700 Long tail ♀ im.

1 ♀ arc quet ♂

2 ♀

3 ♀ ♂

4699

Poti

Alukh - Aguará

Yulon

Rasa

Cherovogoh

Chuo-to-ta

Man-ikn

Nandy

To to lkh
Alit

Ve onch
hornquero
Zoro Colorado
Chando monte
Chando negro
Chuo de monte
Amblycaerus
Rheal

7:30
Parrot 107.6 flew out from mate to
perch on dead stub in sun.

7:45
Scapanus lineopogon ♂ 105.0 ♀ 105.4
Male on top of dead stub, rapid
tatt, peculiar drum. flits wings.

♀ containing egg came flying down to
old remains. 11:15
♀ 107.0 8:45 10:00 11:00
Black-throated Tanager 106.2, ~~107.7~~ 108.0

chee-ah chee-ah chee-ah chee-ah
loud whistled note. Birds in pairs
whistle is answered by male. bird
appears in dense bush.

9:15
Chlorophanes ♀ 106.6. working quietly low
down on trunk of tree. tapping steadily

Coereba melanoleuca 107.5 10:45
10:27

Honeycreeper side along limb with
wings extended & trembling with its
sing.

10:00
Tanager ♀ 108.2
or clammers through small twigs
reaching up after insects.

9:45
bill 108.6 hopped alertly
up inclined branch waving with tail
head erect. 10:30

Tanager 108.8

11:15
Myospiza 109.6 12:00

♂ 104.3 8:00

heconorhynchus 108.0 107.0 Kee-ee-ah

2:45
Myospiza 107.2, 108.5 109.0

4705	Hummer	♀	20	♀ ad.
6	Picurus	"	23	♂
12		♂ ad	che yukh. 25	"
13		♀ ad.	27	♀ ad
18		♂ ad.	33	♂ ad.
21		♀ ad	16	♀ ad
4707	Prospiza	"	34	♀.
8	"	♀ im.	26	♂
9	"	♂	28	♀
10	Myospiza	♂ ad.		
11	"	♀ ad.		
14	"	♂ ad.		
17	"	"		

Amblysternus
Bram Hawk.

Scapanus leucopogon
Chloromerops.

Sixth bill.

Black-throated Tanager

Tamias rufus

Prospiza melanocera.

Tanager

Cyclus

Myospiza

Parrot

Myospiza maculosa.

mi yuk
Ira

Ne on rah ✓

Qui rah

~~Big~~

Viralikh ✓

Qui yoh ✓

Kwo ti ih

Pisolith. ✓

Kwo o lith

Sit Si tih

Bo ko lith

Ta tao

Ki lith ✓

1042
1065
24

4749
4655
94
24
118
17

8/13 R. Pelaga

Brachypiza 8:45
105.4

Sic in tops of trees -
shade off in short misused flights from
tree to tree walking along limbs.

Cathartes 9:45 104.3
Striped flycatcher 11:15 107.5

4736	Falco	♂	Shotgun	
8	myg.	♀		
9	"	"		
40		♀ ad.	49	♀
43		♂ ad.	65	♂ ad. Kom Kom
46		"	66	♂ pilh-lat-tai de
47		"	67	♀
48		♀	68	♂ gwa che na
4750		♀	69	♀ ad gwa Kow
2		"	41	♀ ad.
3	kuya	♀ ad.		
5	an bed ugh	♂ ad.	72	♂ wicus No ko lo leh
6	a web	♀ ad.	73	♀ ad.
9		♂	74	"
60		♂ ad.		Koi yoh ✓
61		♀ ad.		
62		"		woo-sim ✓
63		♂ ad.		chi pi gihyo
64		♂		woo-sim

Pilaga 8/14 Molothrus 108.4 ^{12:00}
 Hupelothrus ♀ 7:30 102.4, Begins with single
 note then double, a loud ~~scree~~ sound
 of great carrying power. Then other
 joins in and the two call in
 concert for ten minutes. a heavy powerful
 hawk. Resting quietly in sun.
 Amblyperous 9:00 106.2 Three flew across
 stream with tilling flight. Came up
 at squeak with querulous notes &
 jerking tails very shy.
 Syngnathus 9:00 100.0 Stalking along
 carefully in water 10:00
 Squalitaxid 9:15 106.5 flew up after dense
 marsh grass into heavy cover of brush
 very shy. Has curious tilling jerk of tail rather demure
 Ceryle alcyon 9:15 108.3 feeding fuschlike
 on ground among clumps of tall
 grass. flies up with tilling flight
 to drop back at once
 Black Flycatcher 9:30 106.3
 Ceryle alcyon 9:45 108.0
 Small long-tailed Flycatcher 9:45 106.0 following
 flight - found in tall andropogon near
 tracks. Pecking on sides of tall
 Large bony hummer 10:00 102.6 feeding at flowers
 Small hummer 10:00 103.1 feeding by glancing on limbs
 Ostris feeding at flowers in tree climbing
 about evening had down. mewing call with
 Orestis 11:30 106.6 106.6

garza mora al lodat

Columba maculosa Koh Kuh Hawaii
Koh Kuh Hawaii

Palaga 8/16

Columba maculosa 109.6 109.8 7:00

Phalacrocorax 103.6

Streptopelia tigrina 102.6

Created marsh Flycatcher. Working about
with short hops in floating vegetation at
edge of rushes. ~~Often~~ Seldom flies more
than 3 or 4 feet. Often makes sudden
whir with wings by means of short
attenuated 4th & 5th primaries before
alighting.

Palm Noddy ♂ 104.8 10:00 ♀ 105.4

Dendrocolaptes 108.7 11:45

✓ 500 Roo likh

✓ 1/2 da Ola Koh

Thamnotus
Cacicus

caja de ciguena

oil serum in bottom of crank case
must be thoroughly cleaned.

77
4779

♂ ad.
♂ ad.

81
7

♀ ad.

chaja
4783

♂ ad!!!

84
96

♀ ad.
♂!

97

♂ ad.

99

"

88

Parrot head ♂

4801

♂

92

♀

93

♂

8/17

11:00

duck 106.8

Quothypis. tseep tseep, harsh
call unlike trichas.

8/18 Pelaga

Leptobla 111.0 a pair feeding in fern
flew with darting flight into woods, wings
hairless. walk along limb with croaking
head & then freeze 7:45 108.0

Minimus triv. 108.6

Rhynchotus 108.8 rose heavily with
wholly whistling wings from heavy
grass. 8:00

Phrot. 105.0 a screeching flock passed
overhead with steady direct flight.

Alecturus 108.8, low heavy grass
perching on sides of stalks. flight tettering.

Blk-thr. Junco 106.1 8:45 9:15

Thamnophtus ♀ 107.1 ♂ 106.9 8:45

te. tute low - r - r - r te lute. low

heavy bush. 9:00
Arremon 108.4 note a faint trail - 108.9 9:30

Blk-thr. Junco ♀ 107.4 9:15 bobs up on open
limb with tail twitching over back.

White-thr. Brown Junco 108.4 10:45 107.5

Planesticus 109.5 10:00 10:15 107.3

Large Brown Woodhewer 106.4 sliding up trees
in series of long hitches, feet straddled wide
apart, tail blaced, neck extended watching
intently.

Synallaxis white line over eye, climb up trunk
using tail then suddenly swings & comes

77

4779

81

7

chaja

4783

84

96

97

99

88

4801

92

93

♂ ad.

♂ ad.

♀ ad.

♂ ad!!!

♀ ad.

♂!

♂ ad.

"

♂

♀

♂

Parrot head ♂

8/17

11:00

duck 106.8

Quithypis

call unlike

treep
treep.

treep, harsh

back had down like a Nuthatch after some overlooked material, tail swinging from

Picus 108.4

Red-tailed Junco fly up up with throat throat wings & resting with tail swinging up & down in arc of 90 degrees like handle of pump at short intervals.

Cyanocitta 107.6

Cyanocitta 108.0 2:30

clw Alder

in snow for scrub fly a few strokes then sail with set wings & partly open tail. slight as easily as Jay + run along limb

Ardea 106.8 107.2

Notura 106.8

4798	♂ ad.	4808	♂ ad.
4800	♀ ad.	9	♀ ad.
✓ 4810	♂	"	"
✓ 4814	"	13	♂ ad.
✓ 4815	"	17	♀ ad.
4778	♀	18	♂ ad.
4790	♂ skull	19	♀ ad.
4824	"	20	"
28	"	21	"
31	"	26	♂
4804	♂ ad.	27	♂ ad.
5	♀ ad.		
6	♂		
7	"		

Villa Concepción
Paraguay
Fabrica Guaybarí
Enrique Brandt
1821

Male shows as dull gray with
green lightened occasionally by
charcoal purple of legs with yellow
buff & brown. Shot with gun
of horns as young birds
1853-54 obtained

54 was pair green, came
El Centro chin point

Chaco has no wild fruits save cactus.
Zenaida auriculata

Formosa, 8/23

Paroaria capitata chirp chirp chirp
searching through limbs of shrubs flight
undulating a flip.

Stelgidopteryx near bridge
Martin.

Vireonidae chuck chuck ~~chuck~~
Chamaea

Cyanospiza a pleasant warbling song
though short. Bird pulls & tears at
small twigs with powerful bill.

Song quiet & restful. One rather expects
a flash and hearing it.

Yellow-billed Elaenia 8:45

Solitary Sandpiper 109.0 9:15

Black & white *Longtail* 109.2 bird running
on ground. I bent up into bush to push
resting with rapidly jerking tail. One
deeper bushy area at border of
marsh.

9:30 107.2 Birds at border of Estero
resting quietly in sun preening. Light
eye prominent.

Thryothorus walks.

Chrysomitris drinking on palm a
fairly rapid drum I slightly slower
but beginning. Length \approx 3 seconds
note loud / scolding keah keah keah
kah

11:15
Arremonops 108.4 note chick chick chick
chee-ee-ee-ee the whole given in a
rapid motion. The birds fly with
undulating flight from one stick nest
to another flying near the ground.

A pair of greyish *hum* in flight with
a flash of white in tail. call note
sharp *chick*

11:15
Longtail 107.7

Rufous laughing squawking call
birds circling 200 yards in air

Compsothelypis *swois swois swois*
su-ee-ee ye-ee-ee-ee-ee-ye-
terminations similar to *C. americana*

4832	♀ ad.
33	"
34	♂ ad.
35	"
37	♀ ad.

Territorios Nacionales

leyes y decretos
sobre su administración y Resoluciones
varias aplicables en los mismos.

Recopilación hecha
por
Maximo Reyna

Pub. L. R. González y Cia
Calle Florida, 32, Buenos Aires
1914.

Caza y Pesca, p. 137.

From 00a 5/24.

Saltator a ~~cherry~~ ^{waxwing} ~~single~~ ^{small} with several
rather harsh ~~cherry~~ ^{cherry} notes but without
loud, ~~cherry~~ ^{and} full of force.

Pyrocephalus 8:45
108.4

Tonatus 108.9 9:00 108.4 . . . Feeds on ground in
open walking rapidly along with
long steps in pairs.

Heidts 9:15
109.7

note a flat chuck going
in a low unaccented tone. Birds
feed on ground in pastures in wet
places. ~~When the wing is~~
extended the primaries + secondaries are
about the same in length so
that the wing appears broad
short + blunt. I think with the
short square tail gives a curious
appearance. Birds fly up to perch
in top of low bushes, but at once
eye back to ground. flight undulating

P. tanguis 10:15
110.2

Short-tail Owl

Supra 10:30

deters 108.9 a harsh rattling
metallic scolding note followed by
a catbird like mew vocal pumping
tail violently up + down jerking it
far over back.

- a - forked upright
- b - trigger
- c light twigs
- d
- e
- f

Two light twigs ^{cd. ef} lead from upper upright a to rest at rear corner of traps on lowest cross piece. They pass between upright a + trigger b & are pointed & rests in a very slight depression on the side of d. e passes down on top of c. f then rests on top of e. These light twigs are about 1 inch from ground.

Ground is cleared bar with a little seed scattered under trap.

Bird naturally alights on light twigs & springs trap.

11:00
 108.0
 11:00
 107.0
 11:15
 109.6

G. thlypis
 Brown throated Syllaroid
 had been bathing & was resting in
 bush over ~~the~~ pruning.

Machetornis

Codigo Rural de la R

Valeria Abeledo,
 libreria juridica
 Frente Palacio de los Tribunales
 Calle Lavalle. 1368

Soelo sobre Caza y Pesca

4840	Jun.
1	♂
2	♀ ad
4	"
5	"
6	"
7	"
9	"

Ministerio del Interior
 Buenos Aires.
 por game laws.

5/26 Alberdi -
River high, channels full.
Alberdi - picturesque town narrow streets
on point in river.

Above river narrow. Many channels
& lagoons at side. In places these form
marshes, in ~~others~~ the greater part the
shore are planted with typical low
chaco grasses.

Colybia gathered at a fire in the grasses.

Ñiquate -

Film 17

- 1-4 Bird trap, Formosa 8/24
- 5 Chickens ..
- 6-12 Alverdi Paraguay 8/26/

Film 18

- 1 Alverdi 8/26
- 2-3 Rio Pilcomayo 8/27
- 3-5 Antioquera 8/29
- 6 Villa Concepcion 8/30
- 7-12 Rio Paraguay Pto. Pinar 9/3

Film 19

- 1-4 Cerro 25, train, orient.
- 5-6 lagoon suitable for shore birds K^o 80 9/12/20

Film 20 - 21

- 1-6, Laguna de las Palmas, K^o 80, Puente Guianaco
- 2 Paraguay. Lagoon, abandoned totela,
- 3 Palmar, flats suitable for shore birds etc.

Film 22

- 1 Indian. 2 Carl Wittman 3, Estancia
- K^o 80 9/14/20
- 4-6 lagoon suited for shore birds
- K^o 80 9/15/20

Film 23

- 1-5. lagoon with vegetation on shore, few
- vicinolar plant de caballo. 9/15/20
- 6 Riacho Jacare 9/16

Film 24

- 1-6 indian totela, camp + monte
- K^o 80 8/16/20

Cerro Conasco 9/1

Picolaptes ^{10:15} 107.8 seen seen 1275
1275

Thlyptis pair perched on wood male
below at intervals threw back head
& sang. accent & persistence that of
successful

Poicilotes 10:15
107.5

Saltator ^{10:20} 109.2 feeding in tree tops
with low notes

Black-throated Tanager ^{10:30} 108.8 feeding

actively in tree tops, black-throated &
long slim form.

Picolaptes poses before mate on
trunk of tree ~~then~~ upright on tail
with wings spread, crest feathers
raised & mouth open.

Compsothlypis ^{10:30} 108.3 singing 10:45

Green Cotinga grayish head 108.4

Feeding in tree tops where it ~~before~~
~~for activity~~ ~~from~~ alertly out after insects
returning to open perches and twigs
among leaves. ~~from song~~ gives several
series, gives a low trilling call
note also

Brown-backed Empidonax ^{11:00} 109.6 resting

quietly on perches under leaves at
short intervals twitching tail slightly
but with extremely rapid motion.

^{1:30}
 107.5
 Myioborus 108.6 found in pairs
 under ground in forest. Birds walk
 & hop about jerking tail constantly.
 male sings a sweet clear whistling
 song that is similar in sound
 to that of a water thrush. Alarm
 note a sharp chirp. Very shy.

^{12:45}
 Basileuterus 108 note soft low chirp
 chirp. young walking actively through
 trees in little party.

Myiarchus 109.1

Small Dendrocopos olive green + brown ^{1:30} 109.5
 Creeping rapidly up trunk of tree

^{7:45}
 Brown Empidonax 108.3

^{1:45}
 Trogon 107.0 flew out in woods +
 alight on open living horizontal limb
 alighting as easily as a jay. sits
 upright

^{10:45}
 P. m. frontalis menastromus 106.8 71 ♀

- | | | | |
|------|-------|----|-------|
| 4850 | 0 | 60 | ♂ ad. |
| 1 | ♂ ad. | 62 | " |
| 2 | " | 64 | ♀ ad. |
| 3 | ♂ | 66 | ♂ ad. |
| 4 | ♂ ad. | 67 | " |
| 5 | ♀ ad. | 72 | " |
| 6 | ♂ | 68 | " |
| 7 | " | 69 | ♀ ad. |
| 8 | ♂ im. | | |

Puerto Rico 8/2

Myospiza 7:30 109.6 chip-p-p- ~~chee~~-chee
ee-ed-ee, chee chee cadence + tone
of song sparrow. Birds run rapidly
on ground - call note faint telp.

8:15
Lonaters 107.2 pair picking site for
nest among dense limbs in ~~thicket~~ tree
hopping about picking at limbs &
sitting to rest close together in suitable
hollow. ♀ singing in low note.

8:30
108.2 pair feeding on ground at
border of water

8:30
Black-headed Parakeet 108.0 flock
on ground at border of water.
flight direct & straight. Note
sounding free-ah-ke-ah-ah.

9:00
Brown grass Flycatcher 108.2 flies up
with undulating flight to perch in wood

9:30
Antus 107.9 among woods &
shrubs 2 ft high 108.2

9:45
Brown Marsh Flycatcher 108.2

10:00
Brown grass Flycatcher 108.0 Found
low down near ground. Perches with
constantly flitting wings & tail. flight
undulating.

10:00
Parkynia 107.6

10:30
Progne 108.0 chirp chirry chirry
somewhat flatter than in Cuba

2 shirts

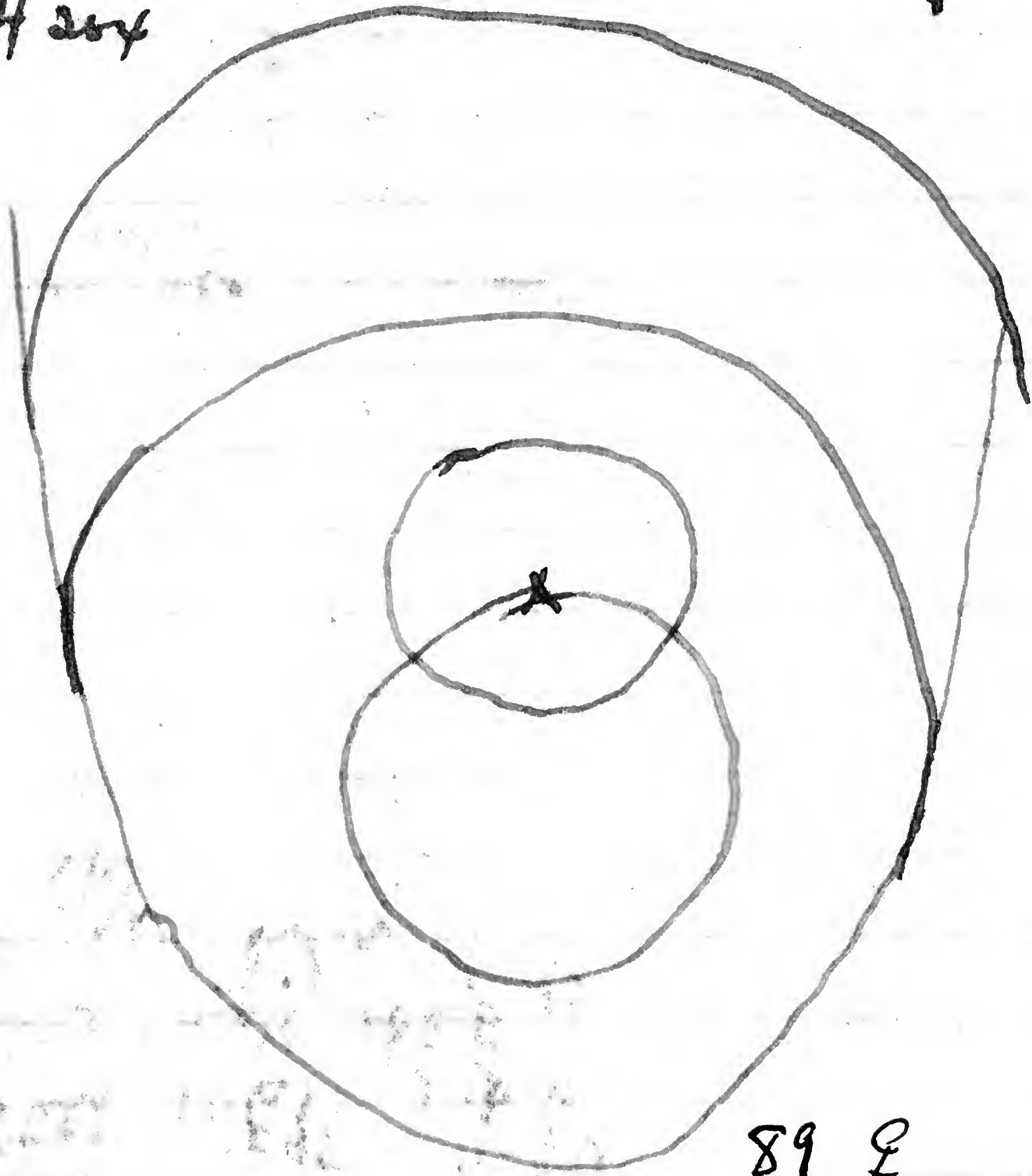
2 main suits

1 pajamas

7 collars

4 handkerchiefs

4 soap



4876 ♀ ad.

78 ♂ ad.

80 ..

81 ♀ ad.

82 ♂ ad.

84 ..

85 ♀ ad.

86 ..

87 ♂ ad.

89 ♀

88 ♂ ad.

91 ♂

90 ..

Kil. 80 7/6

Rotterdam 8:30 10.6.9 11:15

Golden Plover 106

White-rumped Sandpiper 9:30 106.0 9:30 106.3

Ring-necked Plover 9:30 106.0 chap cherp

Wattler 105.2 brink Ka cher

Chard saw tars

Dem 11:00 106.0

Stall 10:45 11:00 106.6

Jane Duet 11:00 106.6

Pygoculidon 11:45 107.5

ah Kah'eh

4893 ♂ ad.

4 ♀ ad.

96 ♀ x

97 ♀ x

98 ♀ o

99 ♀ -

Su ru mah

Shoubole migrat

4900 ♂

02 ♀

3 ♀

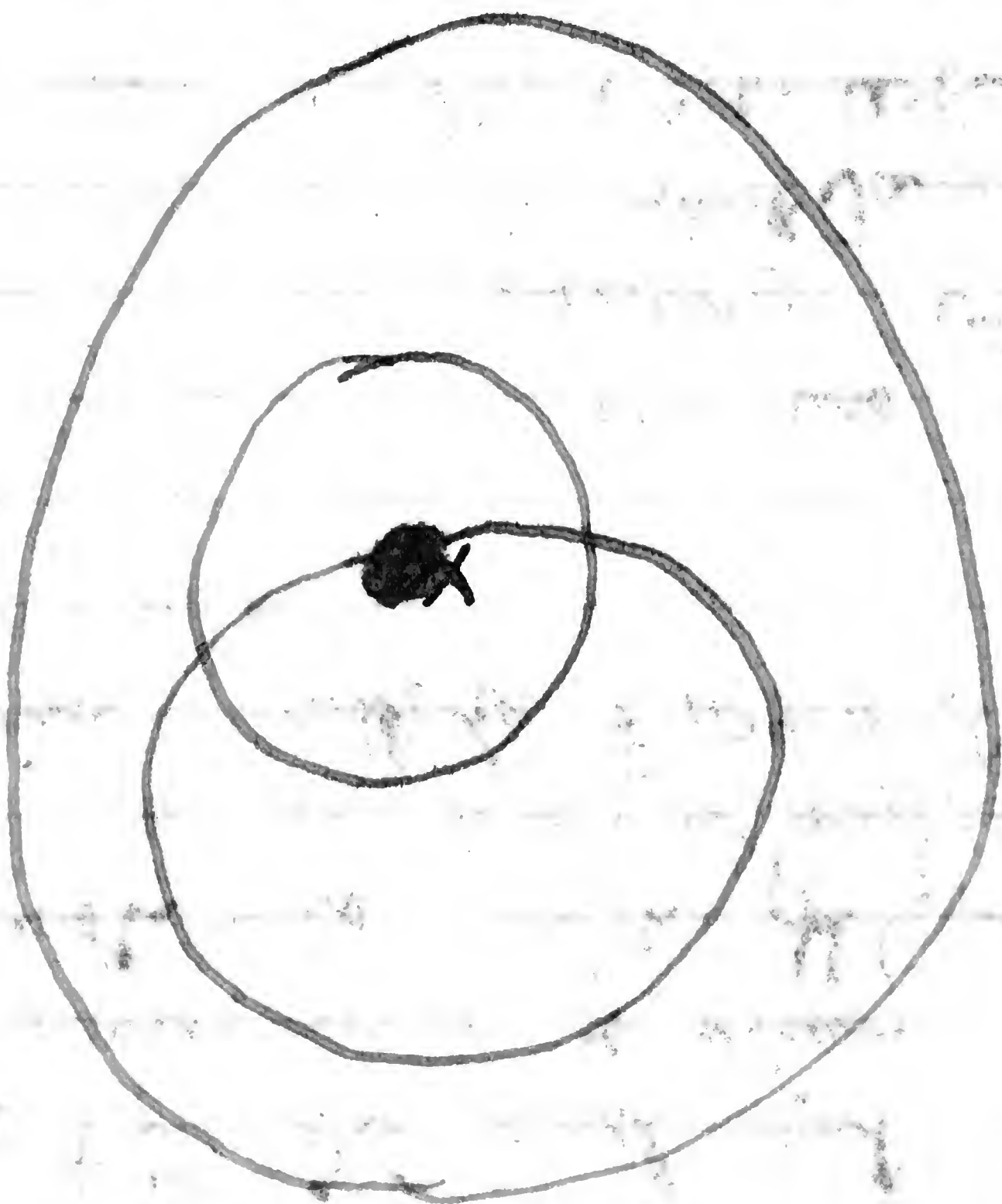
4 ♂

5 "

~~Su ru mah~~

Su i'uri

14



Kilometer 00 8/7

Parrot 10:40
105

Carina moschata 10:15
106.4 pek le

Molydophanes 10:15
104.3 manduria
like the one loud bump note

Mimus triurus 10:45
108.7

Elania 11:00
108.1 Sheer loud

henatero 11:15
108.7 11:30

Brown Hawk 105 Kree: ee - ee

a red tail like call but without
the assurance + vigor of that bird
the note is high pitched and
ends in a drawn out wail

Paroaria cucullata ♀ 109.0 ♂ 107.7

4906 ♀ ad.

7
8 ♂ ad

16
09 ♀ ad.

10 ♂ ad

11 ♀ ad

12 ♂

13 ♀ ad

14 "

Pitogire

henatero bunitatus

detrus bieronchoré

Brown Hawk Jaquato gaviolan

Molydoph. wu kow

Ko 80

8/8/20

Brown Hawk

9:00
102.4

Pipit

9:30

108.6

chees chees.

detrus ♀

9:45

109.6

wagging motion of tail chev.

Comprothypis

9:45

107.0

Sudater

10:20

109.2

Deal.

106.6

107.0

qua-ack high pitched

Scream

rubbing sound

Small brownish olive

dark red tipped 11:00
107.5

Green Cotinga

108.6

Sweet Sweet

Swes es

4895 ♂

♂

Carina mehdiktee

4901 ♀

♀

Brown hawk ♀ 28

4918 ♂ ad.

♂ ad.

19 ♂ im.

♂ im.

20 ♂ ad

♂ ad

22 "

"

23 ♀ ad.

♀ ad.

25 ♀

♀

26 "

"

27 "

"

10thura a high pitched whistle - a repetition of one note that begins slowly & gradually becomes louder & slightly more rapid & then dies away.

✓ Peh ro a pah

✓ Oen drocygnavid.

Kwante gwizah

✓ Belonopterus to to to to to

taow taow

✓ Ortalis

Kinates

✓ Brown hawk

so bas gookh

✓ Molybdophanus

tay tak tet'

Small Kingfisher	to'aklak a mookh.
♀ <i>Thamnophilus</i>	allakh tik tik
<i>hinator</i>	Kas mie ka nowah
♀ Blk-throated Tanager	Keh you?
♂ <i>Thamnophilus</i>	yum a outkh
<i>delius</i>	yehyum a outkh
✓ <i>Amazona aestiva</i>	yikh' pul'
✓ <i>Aratinga mitrata</i>	chi ti qwi
✓ <i>Trogon variegatus</i>	tea lakh'
✓ <i>Pipilo</i>	yeh't a pikh pul'
✓ <i>Pitangus</i>	thekt abw path
✓ <i>Macrotornis</i>	yeh't in a bas goth
✓ <i>Saltator</i>	yum a pow' with
✓ <i>Mimus tricus</i>	Pikh' muth
✓ <i>Thutocercus</i>	yem a seet i qwi
✓ <i>Wundt's Tanager</i>	Kah la pokh' lkh'
✓ <i>Picumnus fulcomarginatus</i>	Keh lan ke moh
✓ <i>Notthura</i>	Seh en lkh'
✓ <i>Paroaria cucullata</i>	yoh so pak lkh'
✓ <i>Hemantopus</i>	Keh tak a nah
Golden Plover	Pill-wet weet
small yellow bird	yuh ka tum a outkh
<i>alecturus</i>	uh yuh ka bi ba
	or Koh'

No. 80 8/9/20 8:45
 Pectoral Sandpiper 198.6 167.5, 20
 White-rumped " 6
 Black-bellied Plover 5
 Golden " 25 9:45
Ardeioa mexicanus 107.6 107.6
 Pipit 9:30 108.6 9:45 107.7
 'Acridia' 9:30 104.4
Cinclus chrysotus 9:30 109.0
 Picolaptes 9:30 107.6 9:30
Sachytophaga 107.4 11:15
 Dark-throated Flycatcher 109.0

4929 Sim.
 30 ♀ ad.
 1 ♂ ad
 3 " 1/2
 5 "
 6 "
 7 "
 8 ♀ ad
 40 ♀
 41 " 1/2
 42 0
 39 "

K-80 9/10/20

Syrnina 102.7^{8:15} 102.8

Serpophaga 106.3^{8:30} Hopping about
quietly in brush searching among
leaves & twigs for insects.

Molothrus bon. ♂ 109.8^{9:00}

Agelaius cyanopus 108.6 Chee-ee-ee-ee
a rattling rather hard note followed
by some twittering calls.

Black Hawk 104.7^{10:00} Kee-r-r-e-ee
-ah cadence like that of a policeman's
whistle.

Brown Hawk smacking grunting
Kweh Kweh Kweh-h Kweh Kweh

Charata 106.0 A high pitched grumble
call. 3 together at border of woods

Basileuterus flavus 109.2^{10:30}

Monkey 98.9^{9:15}

49	H6	♀ ad.	Ag. Ruficap.	gwas goker
7		♂ ad.	Monkey	Ke jam eny a ^{mit}
8		"	Ag. Cyan.	mah ho
9		♀ ad.	Blackhawk	Nata pais shas ♂
50		♂ ad.	Syrnina	at gazhigwa ^{mit}
1		"		Kwara hu gih
2		♂		
3		"	5	♂
4		"		

9/11/20 11:45
 Myiarchus 10:30 109.4 11:00
 Chloroceryle 10:30 ♀ 108.2
 Cathartes 11:40
 Gnatcatcher 10:40 11:00
 Dendroica ~~109~~ 107.4
 Suck: bill 11:15 109.0
 Chamaea 107.8
 Brown Flycatcher 11:30 107.8

Buzzard.

was on capirú
ball headed buzzard

4957	Pol. sp. 1	♂ ad 1/2
8	Troglody	1. Catwalk on re
9		♀ ad.
60		♂ ad.
1		"
3		♀
5		♂ ad.
6		"
45		"
62		"

9/12/20 KQ 80
Molybdophane 10:50
Gallinago 10:50
10:30
1079

4969 ♀

4971 ♂

70 ♀

72 ♂

9/17

Molybdophanes

8145
104.4

Chaja

9:20
101.7

Sialis

9:45
109.2

nandahi

Cratigea

10:00
108.6

10:30

11:15

Theristicus

104.0

103.6

106.5

Note Kwah-ah + a single loud

call: a kua kua kua-ke

Paroaria, etc. 108.7 (1089.1 (dull))

Robin 109.8

4974

Sialis

♂ ad.

Brown

5 Paroaria

"

for clothing

7

♂ ad

o

8

"

9

♂

Kurucas

80

"

76

"

jaca veré

Molybdophanes skull

♀

Chama

"

Theristicus trunk

♀

83

♂

Sorophus

upaike

jobe

Molybdophanes

Kurucas

koque (blue)

Theristicus

Kurucas

Yolli

moroti (white)

8/15/20 K 80

Milvago 7:00 106.3 Kiri Kiri
Blue Hawk 7:15 106.1

Gray-throated Sylphid ch. hawk
BK Crested Flycatcher 9:00 107.6 resting

on limb among leaves at border of
monte watching for insects.

9:15
Junc 106.8
9:15
Doubt 110.8 9:45
Myiurus trivirgatus 108.0

an alert flycatcher darting out to capture
insects with a snap of the bill
& returning to rest in dead limbs
in the top of a tree

Myiarchus whurr-r-r-r a rattling
note together - whurr-r-r-r
whit

10:00
Brown woodhewer ♀ 107.6 ♂ 106.8 note
a very low keery given with a
rising inflection.

Hummer 10:30 107.4 gleaning on limb

Greenish Woodhewer 10:30 108.0

Sacrus a short warbling song of
full rolling notes in pairs

Polybous 10:30 103

long tail 11:15 108.3

Big Woodhewer
Hummer
Alecturus
Piroua

Urarobahá
Mainumbú
Miras
Maracaná
Akaihun

4987 ♂ ad. ○ hummer

8. ♂

9 ♀ ad.

90 ♂ ad ○ Gray Ad. Syn.

1 "

2 "

5 "

6 " ○ large Woodhewer

8 "

9 ♂

5000 "

1 "

2 "

97 ♀!

9/16/20 150 80
 8:45
 Paroaria capitata 108.3
 Leptochla 107.8 wings rattled
 10:15
 Bibum Flycatcher 108.2
 10:30
 Brown Syrrhaptes 107.0 • 107.2
 tao pit who we' slow rather
 nasal. Bird hopping slowly about in
 dense brush. 10:45
 Blue Tanager 108.2
 11:00
 Broad-billed Elaenia 108.2
 11:00
 Querc 107.7
 11:30
 Monkey 101.6 1:00
 Brachypteryx 109.8 11:2
 1:00
 Sicalis 108.0

5004	♂ ad	5030	P. capitata	♂ ad.
5	♀ ad.	3	J unperf	♀ ad
8	♂ ad	4		♂ ad
9	♀ ad	6		"
10	♂ ad	7		"
11	♀ ad.	8		"
12	♂ ad	9		"
13	♀ ad	40		♀
14	"	1		"
15	"	2		♂
		3		♂ ad
		29		"
		32		"
		35		"

9/17

Brown wood pewee 9:00
107.5

Columbida 9:15
107.5

Procliptis 9:45
107.6

Formicivora 107.8
10:15

Chama 103.0 103.4
11:00

✓ Tanager 101.4 11:00 11:00

Amblyrhynchus 108.6 107.8

Redwing 108.0 11:00

Oryzoborus 108.6 11:00

yellow throat marsh Spar. 108.0 11:00

5026 Chaja ♂

7 " ♀

5 Horn "

16 ♀ ad

7 ♂ ad

8 ♀ ad.

9 " "

20 ♂

1 ♀ ad

2 ♂

H ♀ ad

9/15

Myiopsitta 106.3 9:15 107.4 106.5 106.6

Talioptera, Crupara 9:30 108.6

Mimus, triviridis 9:45 108.4

✓ Seal 106.0 ♀. ♀. aqua. act. ♂ a high whistled note, note quite as clear as in Nitton car. of the same nature, white tips of secondaries very prominent in flight.

Parusina capitata 10:15 107.6 10:15 108.8 10:45 108.0

Ceryle alcyon 10:15 108.6, 0:30 note clear clear.

✓ Alcedo, leucorhynchos 108.8 note a flat chee chee chirp. with little carrying power.

10:45
Thalassidroma 105.8 105.8 106.5

gregarious 10 or 12 in little flock.

Common and have seen dead birds.

✓ greeted me with their querulous drawn out ke-ee-ee wh as soon as I came in sight. Four gathered in top of dead palm. 2 apparently males, spread wings extending them straight back and then came dancing up trunk calling ke-ee-ee ke-ee-ee excitedly, crest feathers raised & mouth open.

10:45
Guiraca 107.9

Film 25

1-6 Show of lagoon frequented by shorebirds, yellow flowered tree, estancia, R^o 180 9/18/20

Film 26

1-2 Laguna Lata 9/24/20

3-4 San Pedro, do

5 Palmers

6. Open camp Bordered with monte

Film 27

1-4 Raicho Salada, Curacao, 9/24

5-6 Open camp. Dry sandy soil.

Film 28

1-4 Camp Laguna Wall 9/24

5. High ant hill covered with vegetation 9/28

6. Border of Vinal Monte "

Film 29

1-6 Entrance to Indian trail, camp, Vinal Monte

Film 30

1-2 Laguna Wall.

3-4 High rolling Camp, R^o 180 9/26

5-6 Camp east Ro Salada R^o 165

Film 31

1-6 Indians, K^o 110, etc 9/26

Film 32

1-6

1044.4 9:15
1037

ya cheery chu chu chu chu chu
gas cuatris quero, uro ooh
Ka gee ray ta ta, nee nar

9/19
Progne 106.5 9:00 106.5 gie ye i
Phaoprogne 7:00 106.3

5044 ♂ ad.
48 ♀ ad.

Frog, black marked irregularly above
& below with chocolate yellow
palms of feet, a broad anal patch
& a spot on ^{lower} surface of upper
arm Jasper Bell

9/20/20

K^o 80

Paroaria

capitata

7:30

105.4

1198

Artibeus

105.4

10:00

105.8

2022

Dryocopus

106.5

10:00

Myiodiastor

107.8

Chaetura

103.0

chu chu chus

chus

& a chipper

Gray Hawk

105.4

wharow drumont

Dendroica

drum

rather slow

decreasing slightly in speed at end
making a drawing sound. not
loud.

5059 . ♂ ad

60 " "

1 ♀ ad

50 ♂ ad

1 " "

3 ♀ ad

5 ♂ ad

7 " "

62 Paroaria ♀ ad.

Hirundo

104.6

6:30 P.

104.0

Tactas

Tyrannus

102.7

6:45 P.

nhe ha ná

gray hawk

Charata

ta quator

gali

5079
4892
197

Ko 80 9/21 9:45

Still Sand piper 107.6
White rumped 10:00
107.0
10:00
Lesser Yellowlegs 107.8 10:00
Dragon Variedatus ♂ 106.8 ♀ 106.2

note a fairly loud regular coo coo
coo on cch cch cch cch cch
birds in border of marsh. Flight
direct darting cuckoo-like. Birds
perch on open branches under shade
wings.

Phaeoprogne tapina 10:15
107.2
11:00
103.6 O.K.
♀ 108.4 11:15
108.8

Pyrocephalus ♂ 107.6 fast tear-see
ee flying with very rapid
motion of wings head erect crest
raised note thin stuly.

5065 ♀ ad.

77 ♂ ad

75 ♀

4 ..

2 ♂

1 ♀

70 ♂ ad.

69 ♀ ad.

68 ♂ ad

67 ♀ ad

6 ♂ ad.

Bird. 5079

marked 1108

h.t. for toothache.
have had tea for chuchun.
+ for maggoty.

8/23/20 Kō110°

Leptotila 12:30 107.2
Tyrannus 1:00 104.7
Chactura fumosa 1:00 104.8
Hōcō capiatk
mee taal teche
juca vere

Amahlia Jatu Naranja

Pigeon 3:30 Picayura

Rhea 4:15 103.5
pilyapin

Tyrannus 4:45 109.7. at border of lagoon
feeding Kingbird feeding in trees Japan
Arannus 4:45 105.8 curao allat,

Jaty gallua bolea-ronah

Bureado Nandu

9/24

Com out

Heavy fog, sun shining through
+ then heavy, gray clouds

Syngrua sailing & searching
by seeing palm in
distance. 3 or 4 below

Go on road of ~~the~~
I decided to make track in
grass & ~~the~~ way.

had dry tracks very rough in
place, passed a palm frond ~~in~~
then ~~was~~ in open camp. Road.

A simple path leading on through
grass with occasional jumps
but through mats.

laguna mata a large lagoon
with ~~some~~ and a broad open
space in ~~the~~ border, lagoon now
barely dry.

Mats here composed of low
scrubby trees, and ~~some~~ ~~else~~
many places were broad areas
with flat small ~~up~~ palm
scattered ~~like~~ ~~the~~ ~~in~~.

Marsh ~~the~~ sailing about.

Arrows flying up from lagoon.

5079. *Leptochla* *rad.* No 110, 9/23/20
 5080. *Zenaidura* ♀
 5081. *Dryocopus* ♂ ad
 5082. *Chaetura* *junco*
 5083. *Rhea* ♀ yg
 5084. " " " "
 1108. *Icterus* ♀ 335-57-39.
 5085 *Aramus* ♂
-
1109. *Jaguar* - *rust* old skull *Prachosaha* 9/24/20
 5086. *gray flycatcher* *W. yellow* ♂
 5087 *Elanus leucurus* ♂
 5088 " " "
 5089 *Nettion torquatum* ♂ ad *Laguna Wall*
 5090 *Pygoculidon* " "
 5091 *Hirundo erythrogastra* ♂ ad
-
5092. *Pachysylus* *white in crest* ♂ ad *west in* 9/25/20
 5093 *Arremon* ♂ ad
 5094 *Pooecetes* (*brun. antitai* *corid*) ♂ ad
 5095 *Black-capped Flycatcher* ♂ ad
 5096 " (*trunk & Kel.*) "
 5097 *Crested Finch* ♀ ad.
 5098 *Dicaea* (*brunoides*) ♂ ad. *tsid duk*
 5099 " ♂ ad
 5100 *Piranga flava* ♂ ad.
 5101. *Turdus militaris* ♂ *tsis se a*
 5102. *Mimus* ♂ ad.
 5103 *Zenaidura macroura* ♂ *tsit'*
 5104 " (*trunk*)
 5105 *Elanus leucurus* ♂ *Man yoh*

[Faint, illegible handwritten text, possibly bleed-through from the reverse side of the page.]

1000

↓ *Elanus leucurus* 103.8 Kabúko
 Black-headed Flycatcher 109.4 ^{11:00} Snow pitik
Baryus hageni Pudd. Camp higher
 like that in Jomosa. Monte dunes

Rygochulidon 5:15 memosakh sa hikt Kou nauwka
 107.2 5:15
Hirundo erythrogastra 107.8 memosakh sa hikt
 Tilwanah

5:45
 Seal 106.0 pil' wa pah
 9/23

arr. 110 shortly after noon. Palm houses
 on border of large horseshaped lagoon, open camp
 with a species of Algarroba, Para tochi &
 a blue flowered tree similar in blossom.
 Pinesal & dypha on border of lagoons.
 humpkins & Chajas. One *Agouti flycatcher*.
 a meal of rice & meat with a cup
 of milk. Skinned birds by poor light of
 lantern. Many swifts... mist falling at
 dusk with cold ²⁴ south wind. Two wheats.

night uncomfortable because of ants &
 fleas. Out at day break with
 clouds low & a slight mist. Skinned Jats
 and then left after a glass of milk for
 breakfast. Clouds had raised but sky
 still cloudy at 7:45 when we departed
 with cold e. wind.

see back for other notes.
hageni Puddo nearly dry. I am here

on the country became much more
being similar to that in Formosa.
Crossed Riacho Salada, a broad
riacho with only occasional alkaline
pools along course. Deer tiger.
Munch of Charasco with can of
peaches.

Country beyond here higher in many
places though we crossed many
level expanses covered in rainy season
with water as evidenced by snails.
Two lobos in grass loping awkwardly
nearly ran them down. Areas of
sandy loam above here with extensive
workings of *Beccaria*. Hard going for car
Road leads steadily westward.
In one area surface was distinctly
rolling & of suspect wind action.
Camp here covered everywhere with
brisk grass. Low scrubby trees
scattered over it. Soil above but good
moist below surface. Believe that
scattered monte has come in over
camp in last few years. Many trees
dead, from dry season?

Tiger standing in view, galloped
off with car in pursuit. I was standing
the back seat with .44. escaped in monte

did hang out apparently.

Rounded corner of mouth to find
camp at Lagung Wall, an Archaic
told an ox cart covered with rugs
& our car made quite a combination.
Archaic interested & half afraid. Two
lengua, rest ngua te.

Q

9/25/70 Laguna Wall

Cold. Sharp this morning. More huyguas
came in. ears pinned on with rings of chaja
wing bones through lobes. punches of
caraguate fibres. Agutis & huyguas not
mixing at all.

7:30
107.8. four together. running ably
along on ground, with tail thrown up.
fly back into brush & singing snatches
of song.

Flock of histic feeding in that grass
entirely concealed. 8:30
108.3

light footed teal, high-pitched whistle
notes que-a-qua ev, carrying only
short distance

heron yellowlegs, solitary, Pectoral Sandpiper
Golden Plover feeding on water plants of
lagoon.

Wandering Tattler feeding in close
flock like teal walking with heads
down feeding in shallow water.

Molybdothemis, probing in mud &
water to extent of bill.

8:15
Clams leucurus 103.8. Pair resting in
low shrubs. perch gracefully in wind.

9:20
107.4 Crested Finch Pair at edge of final
Mant. Show prominent white lateral markings
in flight.

to Pinarco

Coryphospingus ^{7:15} 108.6.

Green flycatcher yellow in crest ^{7:30} 107.0. note
chirp esp. sharp & loud. In the
top of tree & shrubs & heavy
note explosive. Bird watched for insects
flying out in tree flycatcher form.

Prosyra cinerea ^{7:45} 107.2 ^{8:00} 107.8 habits & movements
of Red-eye. song phrased similarly but
somewhat less emphatic. contains several
trilled notes. unmistakable for that of
view. Bird working slowly in heavy
monte.

^{11:30}
^{108.2} 8:00 ^{11:30}
Ornithin brown on shoulder ^{106.8} 109.8
Bird high in tops of open leafless trees
song a rattling laughing
chee chee chee chee that was
almost swift like.

^{8:15}
Thin green tanager light bill 108.6. Bird
carrying black droplets for nest.

Big streaked woodhewer ~~9:00~~ ^{9:00} 108.6.

Bird resting on base of tree just above
ground, sitting quietly around to
size ants

^{9:00}
Phainopepla ^{9:15} 108.9

Nyctebius 101.6. Bird resting on a small
gall projecting from the side of a
tree 6 in diameter. claws grasping

Black cap Flycatcher 9:45 106.4 low edge of chad
Vocal mouth, pecking alertly on lookout
for food.

Amthun 9:45 107.2

Pospiza 10:04 108.8 not drawn out whereas

little flock working through brush
rapidly.

Brown sided finch 10:00 107.4 108.4 has tee tee by

A low scolding double note given on
a sharp tone. Birds in open thorny
scrub. flight tilling with a prominent
white broken crescent at tip of tail.

Rest on open perch at top of scrub to
scold & then drop down into scrub out
of sight.

Gray Flycatcher watching from open perches
at edge of mouth for insects. Note low
trilled pre-ec-ec-ec suggesting whistling.

Wings of nothura maculosa.

Quail 11:30 110.0

Gambusia 11:30 105.4 Kee Ka

9/26

deer 825-95-83

Mr. Carl Hettman
475 Bart. Mitre
Buenos Aires

this & body bolt erect along the trunk, eyes closed, feathers in front & above eye directed to ^{9:45} 108.8. on either side tail hanging straight down. resembled exactly a piece of stick that had lodged there & was hanging perpendicularly. White throated Robin in heavy woods came flying in at squawk. with Robin like pings & preened with jerking wings & tails

Sayophaga 10:30 108.8
 Pichonius 11:00
 Panner 11:30 107.8
 Aramides 12:00 106.6
 Ani 106.8 105.0 107.6
 Sternula 1:15 108.2
 5132. ♂
 06 ♂ ad
 07 "
 08 "
 09 "
 11 "
 12 ♀ ad.
 13 ♂ ad
 15 "
 17 "
 18 ♀ ad
 19 "

Monacobius
 Quisá facobá (banana)
 gpechá
 Nychibius
 Urutaa
 gie mingah
 22 ♀ ad.
 24 ♂ ad
 25 ♀ ad
 28 ♂ ad.
 30 ♀
 21 ♂ ad.
 27 "
 26 ♀ ad.
 16 ♂ ad

5135
 485
 285

Faint handwritten notes at the top of the page, possibly including a date and a title.

Main body of faint handwritten text, appearing to be a list or a series of entries. Some words are more legible than others, such as "Dinner" and "Lunch".

Caucasian '92

Pipit tree-c-c-e-u-yah-h-h. Very thin
high & drawn out. Barely audible at 50 feet.
Made joining coming light on ground, breast
forming a light spot of buff against
coming light.

Admission - Road on

climbed steadily through rolling
hills to Saporay where came
out on broad plain. A large
lake or north with beautiful vista
and a line of high hills behind.

at Saporay. It is rolling
open country with small steep
sided irregular hills. Small
valleys & the hills are well
forested. Country insignificant &
should carry some end of
Caucasian upland fauna.
Beyond them to Villa Rica
country high & rolling with
scattered tracts of mts. I made
open camp. Beyond this point
mountains became more frequent
until country was in large part
open rolling camp. Heavily forested
Buck's early church. Neither together
on foot. many caravans

Region traversed in Entre Ríos
~~between~~ as far as Santa some high
and rolling. Grass cropped short.
Cattle country with some cultivating
very little more. Surprised to find it
so green. Appears to be merely
a plain of Pampas.

Pariceal

Buenos Aires

Valley of Uruguay broad & open
with open pampa on either
hand. Occasional tracts of low
scrubby trees. Country rolling,
comparatively few hills in
evidence.

Saturday

Méjano 7:00 A.M. Pariser
town. Changing in station
country of Uruguay. Made
water standing in slight depression
some grass with growth of trees.
Grass cropped short by stock.
Occasional clumps of trees most
houses and occasional patches
of trees. Scrubby trees in leaf.

San José 10/16
San María

Country as at Berazategui.

Many birds. Aramus. Cormorants
feeding in shallow pools of flying.
Heteropelia in pairs resting at
borders of pools. Terns

Gallinago paraguayana? (dark) flying
swiftly suddenly whole wings
stiffly extended in about back
and then falls through the
air sideward. Repeat several
times + 5 ft in air. No sound
audible because of train.

Holt. In the point perhaps, heard
sandy area swamps a few times.

Bird store

2355 Rueda

Mitchell's book store 580 Cangallo
Cards - 3000 worth at 500 '600

Dr. Leonardo Pereyra ~~San~~ ~~María~~
Esmeralda 1212
Buenos Aires

Muñiz - Escritos Científicos

La Cultura Argentina. Av. de Mayo 646
1916

~~Mendoza y~~ Vall. Victoria 344 & exportadora.

Compañía Importadora de Patagonia
Hamburgo Sud Americano.

Dolores - Lavalle.

Balcarce
Olavarría

Mc Cartty Cangallo 315
Cangallo y Esmeralda
Sarmiento

Jorge Braun y Cia Cangallo 684

Esmeralda 85

Buy in B.A.

- ✓ ceramic
- ✓ ammunition
- ✓ 2 suits B.V. D's
- ✓ 1 shirt
- ✓ rubber sack for guns
- 8 cotton
- corn meal.
- ✓ Carborundum stone.
- ✓ Higgins int.
- ✓ and shells.
- ✓ shoes
- ✓ hat

- canvas sacks.
- paraffin bags.
- napthalene
- shaving soap.
- ✓ castor oil
- ✓ #12 shot 2 kilos
- ✓ smokeless powder
- ✓ 3 box. # 8.
- ✓ 4 " # 6.
- ✓ primers.
- ✓ gun oil.
- file
- alcohol.

Alberto Schroeder & Partners
 San Bernardino thread
 Paraguay

900 blum Cangallo & Sarmiento.
 E. Neuser
 To Nat. City Bank

Asuncion
 Ditt. Guarani
 Burton's book.
 Edm.
 Stuart

[Faint, illegible handwriting]

W J Kennedy.
Alberdi 360

10/19

Barracas - now in city limits -
a suburb of many houses.

Country level & open, heavily grazed
by sheep, cattle & horses. Horses feeding
with sheep.

Small town with brick stucco
houses, cream or terracotta in
color, small square, one story high
with occasionally a small second
story room, few windows. Clumps of
eucalyptus scattered through country -
General appearance that of western
Kansas but country more level.

Occasional tracks are seen in cultivated.

Birds only fairly common.

Shrikes frequently seen in
will be abundant. Golden-crowned Kinglets
probably of this category.

Altho that frequent low wet
ground will persist but in assumed
amounts. Golden Plover will be
greatly reduced but will persist in
such territory.

75% of land holders in primary
stations.

Prof. N. Rojas Acosta, Resistencia Chaco
 Historia Natural de Corrientes y del
 Chaco. 1915-1916, pub. 1917. P 500
 Editor, Estanislao Dupuis, Resistencia
 Chaco.

Colours 10/21/20

Pipit zip we zip we zip we zip
 che-u-u we zip che-u-u we zip
 flying in circles with rapidly fluttering
 wings without undulating, sets wings
 & drops down into grass quivering, second
 song as it commences to rise & circle
 again to go out in air

Brachypiza with rust nuchal.

Agelaius males walking along ground in
 pair. Appears rather shot landed

yanob's Azarae 106.8 ^{9:15} Creeping about
 in bushes above water, superficially looks
 like many creepers. Flight weak direct
 with head up & rapidly fluttering wing
 prominent white in wings by tail

Sterna trideani ^{9:30} 104.5 Keh k h Keh k h
 Keh. notes like those of S. F. arctus
^{10:00}

lichenops ♀ 107.8 Shows reddish brown in
 wings in flight. ♂ ^{11:45} 106.5

Brown marsh flycatcher ^{11:00} 107.5

Pipit 108.6 ^{10:00 a.m.} ♀ slipped from nest
 running rapidly for a few feet
 and then as if followed flying to join
 male. Male later returned to drive
 away another male who was unwatched
 Nest under ~~clump~~ mat of dead
 grass stems in latter stand of
 low shrubs. These shrubs form
 open thickets standing two or three
 feet apart & without limbs so that
 they offer neither shade nor protection
 Nest a cup formed with grass stems
 sunk flush with the ground. Both
 bottom & sides damp & exuding
 moisture. Nest entirely concealed
 save for opening leading into it
 eggs.

Proximitis ^{11:15} 107.5

5/35 ♂ ad Cyan. ○

6 " Sparrow ○

7 " Pipit

8 ♀ ad. Pipit under

9 " Lichenops

40 ♂ ad Lichenops ○

1 ♀ ad Tern.

3 ♂ ad.

7 Jan 33

- 1-2 Marsh & Canal Dolores 10/21
- 3-6 Nest of Pipit " "
- 7-11 to Luvalla 10/22

7 Jan 34

- 1. Tide channel, Mouth Rio Rin 10/25/20
- 2. Salicornia flats "
- 3. same as (1)
- 4. 9 "

7 Jan 35

- 1- Snail shells Cuyfada Kite Los Yungles 10/29/20
- 2. Los Yungles "
- 3-8 Monte etc. 10/30
- 9-10 Nest Brachyospiza
- 11 Bird down
- 12 Los Yungles

7 Jan 36

- 1. Pampa Los Yungles 10/30
- 2-5 "

- 6-12 Dunes ~~7 Jan 37~~ abascoy Cap San Antonio 10/7

7 Jan 37

- 1-9 Cap San Antonio 10/8 etc.
- 10-12 Los Yungles 10/10/20

7 Jan 38

- 1-2 Embu, Los Yungles, 10/10/20
- 3-4 Over bird 10/11/20
- 5-9 Rio Azo 10/15
- 10-12

Sicali tau tau tau tau - tau tau
tau - tau tau tau tau - Bird flies up
6 to 10 feet + then comes slowly down
wings extended + raised over back
to alight on side of wood stalk with
wings still extended + tremulous to
repeat performance in minute or two.

Such displays seem common.
Among birds in open country.

Dobson. Metopiana - other ducks
50 lesser yellowlegs
Conessa - 10 P. P. P. P.

Ramus Altero.

Conessa - Greater yellowlegs.
Pectoral Sandpiper. also found in
open prairie found by rain.
Lesser yellowlegs. 50 - 10
Golden Plover 250 - 10
Pectoral 10 - 10
Stilt 1 - 10
Greater yellowlegs 10 - 10
White-rumped Sandpiper 4
Metopiana 4 or 5 swimming after one female
who keeps in lead. On turn makes noise &
flutters along water with back part of body
depressing for 4 or 5 feet a thousand back

Follows *Indul* rises straight up without touching tips of wings in water

note / R & see and, hoarse & aspirated.

Canada *Demander*. 8 leagues

Lavally

Phacelotomus

10 / 2:30

107.0

three or four

on ground went into base of thorn bush, when they worked quietly about - 108.3 note sharp ^{high} tone. bird in grass, kept in

Pseudalcis

108.0

2:00 Flew into top of bush with squawky notes. Two others flew in to alight on ground & walk about with grackle like preoccupation.

Molothrus *vacuus*. giving a squeaky jink-like song.

Hirundo

2:15 109.8

bird snapped at my fingers with cracking bill but I found the force of its mandible weak. rosette around eye has finely scalloped edge.

Pipit like *Synallaxis*

2:30

107.4

Bird appears in color like a pipit & shows prominent white on sides of tail in flight. Flew up from ground to alight in bush

Brachypteryx

3:00 108.2

4:30 107.8

Wren 107.8 pair in thorny bush in marsh. male has jolly little bill

Marsh Wren. in salt marsh among
 dry last years growth, pleasant
 tinkling whistle song. tee tee tee
~~tee-tee-tee-tee-tee~~ the last a
 metallic music box rattle. Bird
 appears rather pipit like as it
 flies up with tettering flight to pass
 over a few yards in the grass &
 then drop back. Very shy.

^{2:30}
 106.5 tee tee tee - tee tee tee -
tee tee tee - tee-ee-ee. Each triplet
 given in a different pitch & sounding
 quite thrasher like. Bird emerges from
 top of grass to drop down out of
 sight as I approach & remain hidden
 with wren like sedding note

^{4:00}
 106.8 Wrens fly with pipit like tettering
 flight 5-6 feet above grass ^{4:30} 106.2
 Whlypopsis 104.3

Seen with pastures like those of north

5144	Cist. ♂ ad	○	5152	Ammbus ♀ ad.
5	" "	○	3	" "
6	" "	○	6	Dunca "
58	Trg. "	"	7	Pseudo ♂ ad ○
48	Brachy "	○		
9	" ♀ ad			
50	" ♂ ad	○		
	1 Ammbus "	○		

Hawaii 1/23 10:30

Long-tailed Puffin 107.0. Bird perched on
stems of sea grass with tail blowing in
wind. I sang a low buzzing trail barely
audible in wind 106.7 note low fit 106.8

Brown-capped Tanager 106.0 Feeding at
border of Barren on ground in Salicornia
flew up to alight in tussock of grass
when it started crawling to head to
see what had startled it 109.0 106.4 106.8

Anthus corradina 108

Zenaida 108.4

M. badius 107.2

Yellow-breasted Bume Flycatcher 107.6 perched
in top of low tree

Larus dom. 105.0 ~~Kah~~ Kah Kah Kah

Sharp-shinned Hawk call 3:30 3:30 4:30
Reckon major 102.1 102.9 104.0

Century long tailed birds of your country

5160 gull ♂

1 *Aechmophorus* ♂

2 ♂

3 ♀

5 *ocletus* "

6 ♂ ad.

7 "

8 ♀ ad

9 "

10 ♂ ad.

3 "

4 "

6 ♀ ad

7 "

8 "

Estancia Vieja. ¹⁰ 2/27/20

Amphispiza bilineata 103.1 hovering 5-60ft
in air. ^{3:30} 103.1

Spinus icterus ^{2:45} 107.5 song a pleasant
chattering warble suggesting that of
goldfinch but more broken! rapid
& continuous. ~~Orange~~ yellow band on wing

Hummer ^{3:45} 104.5.

in flight. Song quite similar to
Zenaidura macroura whoos. hoo - hoo - oo
low and rather resonant coo. The first
two notes higher & more rapid, last
a drawn out coo

5179 *Sal. Spinus* breeding.

80 "

1 "

Seal. ^{9:15} Los Yungles 106.2 1/28/20

Fulvous Duck ^{9:30} 105.4 Pate siffles.

Phalacrocorax ^{9:30} 109.6 - Vignas

Rostrenus ^{10:00} 103.6 singing in wind over

marsh caroclera ^{10:15} 105.2

Euxemura ^{10:15} 103.6

Brachyphona. notes like clucking of two pebbles together. Birds come up in tops of buds white throats showing plainly to record.

Rostrenus ^{11:30} 107.0 J. by the Jacks

metopiana ^{11:30} 106.0 Pate picaeo

looks like Red head. Kah-h-h.

- 5183 ♂
- 4 ♀
- 5 ♂
- 6 ♀
- 7 ♂
- 8 ♀
- 9 "
- 91 ♂ ad.
- 2 ♀

Los Angeles 7/29

Sendulensis Virens 9:00 107.5

Stork. long tail

Marsh Trachophom gray sea. 9:15 105.8 Birds feed
over water. Hopping about on wet vegetation
frequently with feet submerged, seizing
insects at intervals. 4:30 106.0

Circus 9:30 107.2 came drifting overhead
in wind with B.D. in pursuit

Swarming on side of red stalks over dry water
chasing over floating veg. blow as
fish does shrub leaves in pond.

Amblystomus 10:30 106.0

Engled h. 11

Cot 105.0

Cot 105.0

Larus maculipennis 11:15 106.0, Kek Kek Kek.

like Franklin gull - short square tail
white on primary coverts.

Molothrus Bonariensis 12:00 108.6 108.3 109.0

5195 ♀ ad. 1 not breeding

7 " Mol. laying

8 ♂ ad. " 0

5200 ♀ ad. Amblystomus breeding

2 ♂ ad. Larus " "

3 ♀ ad 5206 ♂ ad

4 " " "

5 " " 8 ♀

has yellow ^{10/30/20}
Setaria rubicostis 105.6 ♀ Kack Kack
 male low whistle notes like those
 of *carolinensis*. ♂ resting in one Eucalypt
 limb, flying through trees.

Myzoptila 106.5 106.1 107.0

Puffinella 107.2

Juncarius 107.6

Scolecophagus 106.7 ^{11:15} *drumma* 107.5

Nest of *Umbinid* 12 in long by 8
 wide and heavy rounded at limb 12
 ft from ground, a domed structure
 of condensed mud & straw. Open
 in center in front, a cloud in
 passage led to left to end of structure
 where a hole with faint ^{entrance} led to nest
 cavity which was large & conical
 as walls varied from 1 to 1 1/2
 inch thick. Nest lining of fine grasses.
 5 white eggs which had been
 broken by storm bird.

Phaeoprogna 107.6

Planesticus 107.0

Brachospiza 108.0, Nest entirely concealed under
 shrub 12 in high in little open space in dome
 not a very slight cup arranged in a
 hollow. ground soft so much lining
 not needed.

70x tailed Flycatcher 107.8

Robin - nest 4 ft from ground at
 base of 3 small shoots forming
 pocket in kind of nest a foot through
 Nest of wood stalks with a little
 gum material lined with rootlets
 grass & two or three feathers.
 No mud lining but a partly
 found rim of cardboard.

- | | | | |
|------|-------------------|-------|----------|
| 5209 | <i>Polioptila</i> | ♂ ad | breeding |
| 10 | <i>Sialis</i> | .. | .. |
| 11 | | ♂ ad | |
| 12 | | ♂ ad | breeding |
| 14 | | ♂ ad. | |
| 16 | <i>Turdus</i> | ♂ ad | .. |
| 17 | .. | .. | .. |
| 19 | <i>P. lan</i> | ♂ ad. | .. |
| 20 | | ♂ ad | .. |
| 21 | | ♂ ad. | |
| 22 | | ♂ | |
| 23 | | ♀ | |
| 24 | | ♂ ad. | |

has Yungus 10/31
 Everglade kite rasping chattering
 Kkk Kkk Kkk. 10:00 10:15 11:15
 106.2 105.4
 Drobyschus 1040
 Fulica 11:00 105.0
 Polytorus ♂ 11:15 104.6
 Protratala 11:20 104.6
 Mycteorax 11:30 104.5
 Progn. chalybea 4:30 107.3
 3:20
 Hummer 106.0 3:30
 Lanius cirrocephalus 106.0

5226 Drobysch ♂ ad breeding
 29 " "
 36 " "
 31 Querquedula ♀ ad "
 2 Fulica ♀ "
 4 Melospiza " "
 5 Mycteorax ♀ "
 46 L. cirroceph ♀ "
 28 Sterna ♂ "
 30 Prothonotaria " " streaked
 33 Fulica ♀ "
 37 Sialis ♂ ad "
 38 Progn " "
 39 Brachypteryx ♀ ad "
 40 Paroaria "
 41 " "
 42 M. bairdi ♂ ad

1000 Yunglaes // 8:00
 Molothrus Albus 9:45 107.3
 Passer dom ♀ 107.6
 11:00
 Siphonophorus ♀ 108.3
 11:20
 Siphonophorus 108.3
 1:45
 Siphonophorus ictinus 108.1

93

5247 Passer ♀ ad
 8 ♂ ad
 9 ♀ ad
 50 ♂ ad
 1 "

100 *Yungipicus* 11/2/20 10:30
 8:45
 107.5 flying 107.4
Dafila spinicauda
 8:15
Plegadis 107.2
Rostratula nest under overhanging dead
 grass in alth clump in open
 dry ground in marsh. Egg a little
 place broken down in dead grass &
 eggs laid on stem, no attempt at
 cupped nest. adult shot & lost
 8:45
Clydonychnus moluensis 103.4
 9:30 10:00
Cyria cyria 103.0 105.0
 103.0
 10:45 11:00 11:00
Anthus carundwa 108.3 109.6 108.0

5252 ♂ ad
 7 "
 9 "
 62 ♀
 66 ♂ ad bunching
 67 ♂ ad "
 58 ♂ ad "
 61 "
 64 "
 65 "

Tuzia 1:15 11/3/20
 Trupialis 108.0 4:15
 Larus marinus 106.0 107.0
 Larus marinus 107.0 106.4 5:15
 Haematopus 104.6 105.0 105.0
 Puffin puffin 6:00 107.0

5268 ♂ ad breeding
 69 ♂ ad
 71 ♀
 2 "
 3 "
 4 "

Cabo San Antonio 11/4

Stereorarius 109.0

Stema humifusa 106.0 ^{10:30} ~~106.4~~

Stereorarius small 106.0 ^{10:45} 106.0

Hamatopus 104.6 ^{11:00}

Glochidion 106.4 ^{10:30}

5275 ♂ ad.

76 ♂ ad

77 ♀ ad.

78 "

79 ♂

80 "

81 ♀

82 ~~♂~~ ♀

83 "

84 "

Rhynchotus rufescens ♂ 104.6 ^{3:45} ♀ 105.3

5285 ♀ ad

56 ♂ ad

Capa San Antonio 11/6/20
 Sanderling 12:45 106.4
 Circus 1:45 2:10 104.2 2:00
 Diver 2:00 108.9 108.5
 Anthy 2:00 108.4
 Dafila Spruce 2:15 109.0 2:30 106.8 3:15 ♀ 106.8
 Pseudobatis 2:30 107.5
 Tipt like hochophane 2:30 107.3

5299 ♂ ad.

3 Cabo San Antonio 11/7/20

8:30

Cephalothus 107.2. 106.8 note as laughing 106.7

he-he-he-he-he Continued for some time while
bird is on wing, rises five or six feet in
air & then swings in circles over sand
alights to walk & run about in scanty
vegetation on crest of dune. *menia culis*

Impatiens 109.8

Cantharis 106.8

Arctia juncifolia 106.7

Stenocranus 105.5 105.7 105.8

5298 ♀ ad.

97 " heart 28 x 12.

5300 ♂ ad.

5314 ♂

1 ♀ ad.

15 ♀

02 ♂ ad

04 "

12 ♀ ♂

5294 ♂

03 ♂

5308 "

11 "

05 ♀

95 "

07 ♂

07 ♂

92 ♀

06 "

88 ♀ ad

90 "

91 ♂ ad

93 "

89 ♀ ad.

18 ♂ ad inc packets

17 ♂ im

Cig. robustae
1290

hos yuglesae 11/8
5:15
Chunungo 105.6

11/9
5:45
Mittion flavovates ♂ 106.8
6:00
Chrysopterus 107.0

5323 ♂

4 "

22 " 9:00

Machotomis ♂ 107.8 ♀ 108.8 Pica Bway

Alania 9:15 107.6, Plaintin tips, in tala
with jerking tail, short flights from limb to
limb.

9:25
Poo piza pennata 108.4 11:00
107.6

Pipit like Squaloid 10:45 107.0 Brown spot throat.

10:00
Heteronetta ♂ 106.7 male wings, head
drawn in, raising head & spring bill with
low quack like duck. dive like fish.

5328 ♀ ad.

25 ♂ ad.

26 "

27 ♀ im.

29 ♂ ad.

30 ♀ ad.

31 "

32 ♂ ad.

33 "

hos yuglesae 3 leagues S. W.
Hawaii

Coast point 6 leagues SE L. Y.
G. Madiaga 18 leagues S.
from L. Y.

10 say. of shorebirds here off,
 coincident with Osage. of
 large flocks in states, the two
 simultaneous. Campfire here not
 thickly settled and comparatively
 small amount of hunting. Sheep
 grazing & building of camp
 & traps would destroy
 insect food of upland species
 which with shooting in
 state, would account for
 disappearance. No report of
 any species in any number
 save Golden Plover.

Geopelia cuneularia - Meniscus.

Streptopelia - Pipit like Squalled

Chlorostilbon splendidus

5343 ♂ ad.

4 ♀ ad.

5 ♂ ad.

6

7

8

9 ♀ ad.

50 ♂ ad.

51 ♀ ad.

52 ♂ ad.

53 "

4 ♀ ad.

5 ♂ ad.

47 ♀

0

^{skel}
No. of *Haematopus* Skel. 5270 ✓
Change 6 mi. to 15 mi. on following labels.

- ✓ 5269
- ✓ 70 5293 Paend. is skin
- ✓ 76
- ✓ 85
- ✓ 86

✓ Habits on 5256 - 5257 probably are interchanged.

- ✓ 5201 is alcoholic?
- ~~5182. Drunk skeleton of what?~~

11/10
Larus cirrocephalus 1:00 106.5 ♂ ad.

Oct. 21, - Nov. 10 - 80 sp. 56 mm
has young 70 - 50 ..

- ✓ ~~*Lophopus*~~
- ✓ *Spatula* 5341 ♂ ad.

Duck of *fulvifrons* of S. A. concentrated in certain areas, I would be readily decimated.

Canal zone not burned - good cover
Buckeye in blossom Saput-
Wattle, Casuarina, Eucalypt. Amber
in leaf.

El Templo Argentino, ó el
Delta de los Ríos Uruguay,
Paraná y Plata.
por Dr. D. Marcos Sastre.

Buenos Aires, 1881.
Imprenta de Estwald y Martínez, Florida 136.
Tomo I de Bibliotheca Americana

Rio Aji 11/15

Indians saw sharp tk tk striking at fish.

White-rumped Sandpiper 500 walking actively about rather slowly with long strides in soft mud that came half way up the banks, 1000

Siphonias 107.0 ^{8:30}

Long tailed Puffin 107.0 ^{8:30} we leaf leaf leaf we see we see we see, sharp & pleasant warbling song.

glanis 108.2 ^{9:30} 107.5

5357 ♀ ad.

8 ♂ ad

61 ♀ ~~ad~~

2 ♀

56 ♂

60 "

"11/10/20 To Santo Domingo

5:30 mist hanging low over
open country. That later banked in the
west ~~to~~ like a low range of
mtns with projecting peaks extending
across horizon.

Morning cool & quiet with
premonition of heat in day.

Seem in alighting extends wings
back and then folds them slowly
down.

A lute wood. low brushy trees
now with fresh green foliage, suggest
to some extent some of the

great value as protection to sleeping
50 flamingos feeding at border
of canal with ducks, coots &
Cormorants.

Pintails circling in air male
swinging constantly under perch
who darts away so that two
pursue a very erratic course with
wings constantly flashing as they catch
the light.

Canals & canals filled with birds
hundreds of Cormorants feeding or resting
in close flocks. In one place again
gulls or cormorants fishing together with
many Fulvares trudged on bank.

At no station, 2000 sheep lost
 on the recent storm. The birds
 dying in the fence, but numbers
 with a heavy stomach from the
 piles of wood that I was
 glad to leave behind.

Six pairs & 3 odd males of
 Cinnamom Seal.

An extensive Tala wood, trees
 small probably because of much
 cutting. Open hunting. Large birds
 by about ground. Saldch. Longhorn
 referred to as Castancho.

Pipit, Brachyspiza & Blackbirds
 abundant.

Few greater & lesser yellowlegs
 seen. One flock of Golden Plover.
 Fabius 2 in flock.

Country all in large islands
 with settling of country. The
 varied large tract up with inevitably
 disappear.

land very level, grass green &
 abundant forming heavy turf, no
 stumps.

Thornwith Buenos Aires
 1214 East-India

Galera - Legat Spring wagon. High
 back wheels small front ones that
 allow turn beneath body. Two poles
 horses drawn with bits. Others
 have none are attached to front
 axle by chains hooked in saddle.
 At several bridges passage was
 so narrow that it was necessary
 to unhook outer horses & pass with
 foot team alone.

Dinner in a rambling bohio
 at an outrageous price.

6 leagues from Santa Dominga soil
 became poorer more alkaline grass
 thinner & shorter. Extensive tala wood
 in distance.

Ombuds nests set on per post
 Bill firmly around pointed post top
 to afford firm foundation. These are
 conspicuous & birds perch in them
 constantly flying to them without
 attempt at concealment.

Chimango, packing at skull
 quarters of living nephews. Lanti
 Myopodiceps frequenting gardens
 of high stilt bridges
 Hundreds of glossy ibis in fields
 greater yellowlegs 20
 lesser " 10
 Golden Plover 25

11/17/ Santo Domingo

Day clear cool with fresh wind from north, pasture green dotted with white clover blossoms.

Country very slightly rolling, open prairie with occasional plantations of trees making estancias.

Observed with nest on projecting corner below eaves of brick building. Male circles down to it with spread wings, pursues in for a time & male comes out & male follows her rising & falling gracefully with sparkling wings.

Road bed exposed with grass, a few box elders among trees at stake Santo Domingo a small place of fifteen or twenty houses, & a church standing out bare on the plain as there are trees.

English Sparrow common. Song of Pipits & call of gulls & Chaysos when waiting for food.

Crowd gathered at station. Half a dozen rabbits crowded in with chickens to be shipped by express.

190 Kg. bag, 140 Kg. excess at 1049
cada 5 Kg. = 1470



"1/21/20.

5:30 passing through level farm
country in pasture & grain fields
with occasional houses & scattered
small towns. Whole countryside a
pleasant green from recent rains -
English Sparrows chirping in station
yard at one stop I heard the pleasant
whistle of *Rhyndrotes*.

Beyond Pringles hills were in
sight to the south. In short time
rolled rolling country that became
rougher as we proceeded. Outcroppings
of hard rock & strongly tilted
upland and hills were occupied
by pastures of bunch grass with
small-eroded fields in valleys
of little swift flowing streams.
Berra & la Ventana would do
for field work.

Sparrowhanks abt. *Tyrannus*
in flight turns up to display white
under wings & red breast in flush
of color.

Level areas occupied by grain fields
Next development here in Argentina
will be colonization in covered
tracks.

Original Panapa conditions similar
to that of open camp in
the Chaco in Formosa. Areas
covered with the reddish brown
Andes grass and other
with sawgrass. Ground worn
and boggy, very wet. With
pasturage and drainage these
conditions change. The ground
packs firmly, cattle paths afford
drainage and there is no standing
water. With this change in
conditions and with fire the
character of the grassy vegetation
changes completely. In addition
extensive areas were covered
with an open bunch grass.

Past Sierra to Ventura. Came out
in rolling country where there were
large areas in broad brush grass
pastures and there in grain.
They & cattle abundant. Shot and
birds common.

Below descended to more level regions.
Tracts of alkaline soil seen where vegetation
was poor. A grain bin.

Tree growth confined to Eucalypts,
Jamaica and Poplars.

Bahia Blanca, grain elevators,
storage tanks for oil and great
warehouses with other signs of
commercial activity. A modern
station. arr. 9:35. Transferred
to another train, which was
crowded more with bundles &
packages than with passengers.
Left B.B. 10:15.

Passed at once into arid region
toward west. Land level and
in many places strongly alkaline
large irrigation ditches led through
country and fruit, grain &
small crops were grown.
Jamaica used in many areas for
wind breaks and shelters.

In other tracts scattered
scrubby plants from 1 to 3 feet high
were scattered about with
open alkaline ground between.
Thin foliage was the usual
desert gray green & the whole
appeared that of similar tracts
in the S.W. In fact I thought
that I could almost recognize
sage & greasewood, Chryseis and
Rabbit brush.

For a time fields of wheat and
some oats appeared, all dry green
grain. The straw was very short
I thought the grain was beginning to
head. Without a little more
rain it will not make. I was
told that the crop was a month
late.

Beyond Algodona we entered
a somewhat elevated slightly rolling
region. Covered with brush
 averaging 4 to 8 feet tall with
occasional higher. The growth
was fairly thick though open
enough to permit passage. The
ground in places was bare, in
others covered sparsely with
bunch grass.

The Rio Colorado was a winding
stream 150 yards wide with
swift muddy current. Areas along
the valley were under irrigation.
We crossed it and stopped at
Rio Colorado a small straggling
town below a low calcareous
English Sparrow & Brachypteryx &
Mimus trurus were here.

In other tracts scattered
shrubby plants from 1 to 3 feet high
were scattered about with
open alkaline ground between.
Thin foliage was the usual
desert gray green & the whole
appeared that of similar tracts
in the S.W. In fact I thought
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rain it will not make. I was
told that the crop was a month
late.

Beyond Algaroba we entered
a somewhat elevated slightly rolling
region. Covered with brush
averaging 4 to 5 feet tall with
occasional higher. The growth
was fairly thick though open
enough to permit passage. The
ground in places was bare, in
others covered sparsely with
bunch grass.

General Road 11/23
7:00

✓ Gray P. Kingfisher ♂ ~~107.1~~ ♀ ~~107.8~~. Male has pleasant ~~singing~~ song. Birds on greasewood flats running & walking on ground. Fly up to perch in tops of bushes to drop back at once to ground landing in little open spots. ~~108.0~~ ^{7:30} resting quietly on top of bush in sun. ^{7:45} ^{9:45} ^{10:15}

Crested Tachyphonus ~~106.7~~ ^{106.4} ^{106.4} ^{106.4} ^{106.4} ^{106.4}

✓ Bird runs on ground rapidly taking advantage of every bit of cover. ~~perches~~ behind some little weed to perch out with crest erect - note ~~put put~~ ^{turn} ^{turn}

✓ Curve billed Tachyphonus ~~108.0~~ ^{8:00} resting on bush or fern post with tail slightly raised. Sing a rapid chirpy chirpy chirpy chirp.

✓ "Chamaea" ~~107.5~~ ^{9:00} shrub when it hops slowly about taking advantage of every bit of cover. Black tail prominent in flight. ^{8:15} ^{11:15}

Canary ~~103.0~~ ^{9:00} ~~102.0~~

Cincoods ~~108.0~~ ^{107.5}. Birds have undulating flight, fly up to perch on wire fence in ~~sunset~~.

✓ Towhee ~~107.8~~ ^{107.8} Robin like flight

✓ Brachypteryx ~~107.7~~ ^{107.7} flight song ~~107.15~~ ^{11:15} resting on ground or perching. tail black. Squabbles etc.

5364 Egg,

5 ♀ ad.

7 ♂ ad.

8 ♀ ad.

9 "

71 ♂ ad.

3 ♀ ad.

6 ♂ ad.

8 ♀ ad.

9 ♂ ad.

81 "

70 "

Qual Area 4/24

Contend female perched on top of bush
male alights below bends bill down
expands neck feathers & wings, falling
off backward. Shows circles about
bush just below her on wing, while
she strikes at him with bill.

Spinus etc. 107.4 ^{7:15}

Phryganea pleasant rather emphatic
song groat like given from top
of bush

Synalaxis yellow throat ~~106.5~~ ^{7:30} ~~107.5~~ ^{8:30} Hopping
around low in ~~open~~ ^{open} bush

Grey. formicid, ~~106.8~~ ^{106.8}. One
resting quietly on top of bush.
Two others running swiftly on ground
with tail erect taking advantage
of every bit of cover. One perch on
low limb, twitching about & putting
at wings. Note a low cuck-cuck

Synalaxis small band spot on tail ~~106.7~~ ^{8:30}
low in bush.

Cory ^{8:45} 106.8

Synalaxis song twee-ee-ee twee-ee-ee
and rapid trill repeated twice, sings
from low down ^{open} bush

Mimus ^{9:00} ~~107.0~~ ^{108.2} Standing on one foot on
top of bush. Very shy; prominent white
tip on tail in flight.

Minus ^{9:15} ~~106.4~~

Chamaea ^{9:15} ~~105.5~~

Nest in bush thru
cut from ground. An irregular ball of
sticks, from fine twigs up to those as
large as a pencil, 4 to 12 in. long
about 15 in in diameter with a
rounded tube of fine very thorny twigs
as a passage, 15 in long leading
out at one side. entrance tube 1 1/2
in. in inside diameter

Nest cavity large 5 in in diameter.
bottom a cavity filled up of plant
down rabbit fur & feathers.

Tamias ^{10:00} ~~107.5~~ moves rapidly
on ground to pass with head
erect. ♂ flies up & turns. makes
rattling rattle with wings.

Troglodytes ^{10:00} ~~107.5~~ ^{10:30} ~~108.2~~ very robust girth
in flight & appearance

Progne ^{10:30} ~~107.5~~ ~~108.5~~

Brown Flycatcher ^{11:00} ~~107.5~~ ^{longer} ^{fat black} ^{wide of mouth}

Sialia yellow br. ^{11:00} ~~110.2~~ nest in saw
grass.

5383 ♂ ad.
6 ♂
7 ♂ ad. undig
9 "
91 ♀ ad.
2 "

93 ♂ ad.
95 ♀ ad.
6 ♂ ad.
7 "
8 ♀ ad.
9 "

5401 ♀ ad.
85 "
5400 "

Grbl Roca 11/25/20

Passerella like finch 108.9, Birds in little flock feeding in shading of low bushes fly up & dart swiftly away to other corner. Have low humming call.

108.3 ^{7:30} 108.5 Fly up to perch in tops of bushes. Another call a low pluck.

Birds fly in scattered flocks. Short-tailed gray Tachycineta 105.8, Walking and running on ground, with tail cocked over back. Pauses behind shelter to look at me. Very wrenlike in actions. runs rapidly with tail up. ^{10:30} ^{7:30} ^{107.0} ^{106.2}

Tiny crested Flycatcher 106.3, seen pecking about among flowers in low bush. Crest & coloration a striking surprise when I picked it up. Flits tail over back like warbler, pops up in air for small insect. ^{8:30} ^{106.2} ^{has little song} ^{quiescent}

Brown-jumped Flycatcher 108.5. Alights on limb with just tip of tail then drops down to run. ^{8:30} ^{106.2} ^{has little song} ^{quiescent}

Snake in stick nest. ^{8:30} ^{106.2} ^{has little song} ^{quiescent}
Calopizcos elegans 104.6 lg 104.6. Found amid low arroyos on slopes. Their tail wags common in sand. Birds often flush with rather

^{8:45} ^{106.8}
Sparrow-like brown throat 106.8
flings behind me and disappears over crest of hill without offering shot. Others run out a few yards away. head & neck erect & tail down crest held round, note a low querulous call. in pairs 3 or 4.

Chamaea ^{9:50} 106.4 note a musical even
trill, tr-e-e-e-e-e-e-e-e Bird
walking about slowly in open ground
under bush

^{10:00}
Caloprymus 106.9 flies out with
notes like quail. Alternately beats
wings & then scats.

540 ♀ ad.

8 ♂ ad

10 ♀ ad

11 ♂ ad

12 ♀ ad

13 ♂ ad

14 ♀ ad.

15 "

17 ♂ ad.

16 ♀ ad.

07 ♂

Short-tailed clay-colored Trochophora ^{7:30} 107.0
nest in tunnel in side of small
cave, 3 ft from bottom opening
in face of dirt bank, tunnel 2 1/2-3
in in diameter, 15 in long, at
end a chamber 6 in in diameter
with bottom lined with bits of
grass forming a cup. eggs 2
very large.

Heavy noticeable parental and satellite
in this & related birds may be of use
in such studies

Snake. With ground color of Sulphur
~~green~~ yellow, with broad bands
 of black, each black band with ~~broken~~
~~by~~ a broken band of peach red,
 through center. On the tail the
 colored bands pass clear around
 elsewhere the throat is plain
 white the abdomen has a streak of
 dark green-blue gray.

Animal almost helpless in sand
 when discovered was suspended
 by tail on perpendicular side of
 burrow, head starting to come down,
 vibrated tail box little, stems producing
 low buzzing & jerked but did not
 strike

Gr. Rock 11/26

legs of a huge spider
 Chinango 105.6 7:30
 Canyon 103.0 7:45
 Calofuzus 104.0 8:00
 Gray Tracheophora 105.4 any took took took
 took! found a ~~struggle~~ struggle

- 5421 ♀ ad.
- 2 ♂ ad.
- 3 ♂
- 4 ♀

General Roca 11/27/20

2453
5239
204

Mimus mod. 5:30 a. 1060

Phrygilus 6:00 1072

Clay-brown Sapsucker 6:00 1065 song
high squawky call. 8:45 1065

perhaps, a sharp hard squawky note, male actually loops the loop

Crested brown-sided Sapsucker 6:30 1058 1062

Birds common in brush but kept concealed note a musical

liquid tellok may be heard often but birds kept under cover.

When I stood quietly they sometimes hop thrasher like into low branches or run out to perch at me from the cover of some brush -

Pachypleura 7:00 1060 in willows 8:30 1065

Swift 1058, 1059, 1060 wing appears gray & white, wings very long

flight rather slow. Birds seat constantly & flap tails.

8:30 note a high thin rattle. *Planesticus amanocheilus*, where Robin

note pi- if robin like in all actions, but sharp 8:45 108 108

Yellow-breasted Finch 9:00 1057

Bank Swallow 9:15
~~10:15~~

Brown Marsh Flycatcher 9:15
~~10:15~~. Bird has
old little song audible at perhaps 50 ft.
It begins with a low tick
call click like the sound produced
by striking 2 pebbles together. This is repeated
slowly several times & then more
rapidly for then when the bill is
suddenly thrown into the perpendicular
& the remaining notes given. terminates
by bringing bill down with jerk
tick tick tick tick-tick-tick

9:20
~~10:15~~ On habits within the site. One seen
running in ground

March 50 males low chattering
calls & whistled when when
in quiet side channels of river

Parent	10:50	38 ♂ ad.	46 ♂ ad.
5425	♀ ad. laying	39 ♀ ad	48 ♀ ad
26	♂ ad	(40 is from 38)	52 ♀ ad
27	♀ ad	43 ♀ ad.	
28	♂ yg.	44 ♂ ad.	
29	♀ yg	47 ♀ ad	
30	"	49 ♀	
32	♀ ad.	51 ♂ ad	
34	"	36 ♀ ad	
35	♂ ad.	42	
37	♀	45 ♂ ad	

4/29 8:45
 105.4
 Crested Flycatcher 7:00
 7:15
 104.0
 this off with certain
 strokes of pointed wings to alight
 alertly on ground with head up
 & run along a few steps over
 stems under bushes.

song low, insect like
 humming with a note
 white. I think I heard ~~10:45~~ song
 a rattling repetition of one note
 given by both birds, similar to
 the song of the Ovenbird but
 somewhat harder & more metallic.

8:15
 100.0
 Black Flycatcher note, a low tweet.
 Bird fly catching alertly in wood
 among bushes occasionally dropping
 to ground 8:30.

8:30
 108.8
 Kinglet

8:45
 107.0
 Brown-rumped Flycatcher in active
 pursuit of insect. Damp shows

9:00
 106.8
 10:45
 Almost red
 Big gray Flycatcher

- | | | | | |
|--------|------|--------------|----|-------|
| 5-4531 | ♂ ad | banding | 66 | ♀ ad |
| | 6 | ♀ ad. | 7 | " |
| | 8 | ♂ ad banding | 69 | ♂ ad |
| | 60 | ♀ ad | 54 | " |
| | 63 | | 62 | ♀ ad. |
| | 64 | ♂ ad. | 65 | ♂ ad. |

5473 ♀ ad.
 4 ♂ ad
 5 ♂
 6 "
 7 "
 86 ♂ ad.
 83 ♂
 78 "
 79 ♀
 80 ♂
 1 "
 4 ♂ ad.
 5 ♀ ad
 7 ♂ ad.
 9 "
 90 "

General Roca	11	30/20
Brachspiza	6:34	7:00
	707.6	107.6
Gray Tachyphonus	6:45	1:00
	7:00	8:00
Cyanoceryx	105.3	105.3 105.3
Rabbit	7:15	15:35

5491 ♂ ad. 95 ♀ ad.
 3 ♂
 4 "
 9 ♂ ad.
 500 "
 1 "
 98 ♀ ad.
 96 -"

✓ Bailey Wetlands =
Munsteria Obso

Pardalis - B. sp. +
Cordellera

Newquena Rio Negro

Great Petrel 12/2/20

Small Staphylinid in running water
take steps 6 in long as measured in
sand.

Big Gray Daniopterna 2:00 ~~1083~~ a pair
resting in tops of bushes occasionally
drop down to run along on ground -
characterized by long pointed wings
fly just above ground among
bushes.

Buteo albicaudatus 7:00 ~~1060~~ eating carrion
on top of post. 10:45 8:30

Small dark flycatcher white abdomen 8:00 ~~1076~~ ~~1068~~ 8:00 107.8

Calopuzus 8:15 ~~1078~~ flock with low chirp

x set voice. see set a set, set a
what when when so low

noisy whistles 8:30 ~~104.6~~ ~~104.5~~ 10:30

x notes with rapidly jerking tail
Zenaidura macroura 11:30 107.1

Grl Roven ^{12/} 6:45 ^{3/20}

Grey-brown Kingbird ~~1050~~ resting on top of bush in sun with tail hanging straight down. Amid heavy brush.
Pascarella like finch ^{7:00} ~~1082~~

Orange throated ^{7:45} ~~1072~~ ¹⁰⁷⁵ ~~1072~~ ^{17:30} ~~1072~~
Mimus trinnis notes & movements of foreglitter.

T. armillata ♂ near female, arches neck toward rear, holding bill slightly up and elevating tips of wings. At same time, head closing eyes & turning backward

Woodpecker ^{9:00} ~~1076~~ a rattling downy like call among willows

Quail ^{10:15} ~~1026~~ ^{11:00} ~~1066~~
Shrike of heathen with crest

quacking with flicking tail in willows
Elaina ^{11:00} ~~1066~~ note peris sharp & rather harsh. Bird perched amid leaves in willows shy

Synallaxis orange throat, nest a ball of very tough twigs 5 in diameter, small opening in side center cavity 4 in across warmly lined with rabbit fur

Yellow-breasted Finch ^{12:00} ~~1084~~
Chimney sp ^{12:30} ~~1087~~

Corre corre que no vuelo

5502 ♀ yg.

4 ♂

7 ♀ ad.

10 ♂ ad.

12 ♂

13 ♂ ad.

15 "

16 ♀ ad singing!

18 ♂ ad.

19 "

22 ♀ ad.

25 ♂ ad

26 ♀ ad.

14 ♂

21 ♂ ad.

24 "

05 ♂

09 "

06 ♂ ad

Sociedad protectora de las
Pajaros, niños y plantas.
Buenos Aires.



165 Kg. bagguji.
14.115 C 12.30 = 14.00

115
12.30

3450
230

14.1450

12/6

Murtie from Geol. Survey
Road led on westward just
along the Rio highway.

Melguen a small place of old
settlement has favorable for work
than Rocca.

Road ascended to higher levels
and continued climbing steadily
westward. Many Calypsoes seen
in places in bands of 20 or 40, all
round a hill. Birds when at ease
appear more graceful & less stiff
& stilted than when running. In places
there are four sheas near *serullosa*.
Plots covered with low grass bushes,
a desert area bounded by
flat topped steep sided white
forming regions of level bedded
Sandstone.

9 or 10 oilwells at K^o-1297
set on high level plain. When
there is absolutely no indication

of oil.
Nest of *Buteo albicaudatus* on
top of a topography just resting on
hills.

Beyond K^o 1300 there is apparently
nowhere as grassy vegetation
close-cropped by sheep and
summer brooks. Mockingbird
numbers here. Fat present in
faint strings of gray green material
by the barren ground or
at Boca.

Road alt. 900-1000 ft.

At K^o 1320 hills become more
broken leading back to low
mountains and a little later
I had a sudden view of
the snow-capped line of the
Cordillera.

Road in M. Castro country more
broken, grass ^{more} abundant

Zapala 12/7

~~7:30~~
~~11:12~~
Dacnospiza brown-axillars, streaked breast

Passerella like finch ~~10:56~~ 8:00 8:15

Large gray brown Dacnospiza ~~10:56~~
a pair perching in tops of bushes
or pursuing one another with
high pitched, petulant notes - 9:00 10:15

Zenaidrid brown & black tail ~~10:56~~ 10:70

Bird found amid low dense
patches of thorny bushes on
rolling hills, with strong sandy soil.
runs on ground with tail over
back or keeps secretively under cover.
flies with tilting flight just above
surface of ground has appearance
& mannerisms of wren but is more
terrestrial - loud, chattering call.

Brachospiza nest on ground under
low bush, a cup of grasses & weed
stems lined with small blue feathers

I ran off with lifted wings

White winged Pigeon ~~10:56~~ 10:00 flew
up with whistle of wings, that
quieted at once marked by
black tail & white on wings. It
has appearance of Zenaidra.

Zenaidura macroura flush with
a clapping of wings that at once
became silent. I'm cooing
filled up part of throat with air
& then give low sad
who whoo whoo' whoo-oo

5527 ♀ ad.

8 ♂

9 ♀ ad.

30 "

32 ♂ ad.

33 ♀ ad.

wing entaxic.

Zagala 12/8

Thimocoma ~~100.7~~ 8:00 young bird near
out with thin piping note. birds
under any cover. Parent flushes
with zigzag darting flight and
sharp call resembling in note
a appearance small junc. at times
starts calling when with pulsating
throats. come down from high in
air with out downward sweep

calling cuttae cuttae. ~~100.7~~ 9:00

Zonotrichia ~~105.2~~ 8:30 running rapidly
note a sharp pit pit.

Whirls & darts in air with quick
graceful flight

Geothlypis ~~107.6~~ 9:15 nests in clumps of
grass with twitching tail

Ptygochilid ~~106.88~~ 9:30 ~~106.2~~ song a
harsh throaty little note that
carries for only a short distance.

Curve-billed Trachophan. note a
harsh tick.

Centurus ~~107.6~~ 10:00 on top of bush
with. flutter of tail or other running
activity on ground after insects.

♂ 109.4

Oreopholus ^{10:15} ~~10:50~~ *flammaria* whens
the two a low whistle. Bird
on sandy ground among low bushes
ran out put yard & then stopped
to look at us.

None 10016 ♂ 620-90-150

Centurus niger ♂ ^{10:45} ~~10:22~~

37 ♂ ♀

38 "

39 ♂ ad.

42 " tarsus pinkish Vermilion toes black

44 "

46 ♀ ad

48 "

50 ♂ im.

1 ♂ ad.

2 "

Zapala 12/9

As I sat in warm sun in early morning for few minutes examining the curious form of a *Thinopus* with great ~~curiosity~~. Fortunately it is ~~very~~ birds like this that remain in memory when days ahead are called to mind and we may forget the many discomforts ~~encountered~~ in travel.

Gosith 8:00 ~~107.5~~ 8:00 105 O.K. Young bird had characteristic sagging movement of whole posterior part of body. Adult at mouth of seemingly endless tunnel in low bank cut by cat's path. Something had tumbled in but without success of ~~finding~~ 3 in across.

Thinopus attracted by note ~~to~~. ~~110~~ 8:15 ~~110~~ temperature mounted slowly as throat was clogged with blood. The curious ~~speculum~~ on the nostril of this bird is movable and forms a certain protection against wind & dust.

Birds run rapidly on ground like plovers.

When not alarmed they walk with
 little short steps sometimes with
 nodding head and stop with a
 little jerk that suggests movements
 of love. bill always stained with
 green. ~~8:15~~ ^{8:30} Bird runs out to me
 & then crouches flat, with head
 & neck prostrate on ground in front
 a curious double chuckle for a
 call.

Clay-brown Synalaxis yellow throat ^{9:00} ~~107.0~~

Large gray Ibis ^{9:30} struck ~~107.2~~

Both ~~throats~~ not as former ^{larva}

White-throated ^{10:45} ~~107.2 107.5 107.8 108.6~~

A family party, fly ahead of me
 with undulating flight over perch
 my bush, with jerking tails & low
 chucking notes.

Trachypiza ^{11:15} ~~107.5~~ 11:15

Centurus niger ^{10:45} ~~106.6~~

Lichenops ^{10:45} ~~106.1~~

5556 ♂ ad.

8 "

9 ♀ ad

60 ♂ ad

1 ♂ im.

3 ♂ ad.

4 ♀ im.

5 "

66 ♂ im.

7 ♀ ad.

70 ♂ ad

57 "

62 ♀ ad.

68 ♂ ad.

singing
 bounding

Cable - Dec. 12, 1920.

Pluribus

Washington, D.C.

Letter November eight received
Total expense fiscal year to
end November twenty one hundred
Shall I continue work until
February or return. Cable
Wetmore

Hotel Cooperativa, Bahía Blanca

Buy in Bahía Blanca

cotton

listernis

Shells

Plummers dd, Md. 6/5/21

Downy Woodpecker egg out of nest
Red-eyed Vireo. One: 3 eggs.
Acadian Flyc. nest over Ferry,
Cardinal feeding ygs in tops of trees.
Crow

Bluejay

Starling

Yellowthroat.

Hummer feeding at cactus.

Parula warbler

Redstart.

Eng. Sparrow

Scarlet Tanager

Indigo Bunting

Chickadee with ygs.

Catbird.

Robin feeding ygs in woods.

Rabbit

Gray Squirrel.

1920

Whitehead - Geologic report on Nitrate
+ Peñon Syndicate
New York
Beds

1 gal. Stow's Evergreen sugar corn

Plummers rd, Md. May 29, 1921

Downy Woodpecker - yg at nest hole

Red-eyed Vireo nest 3 eggs & not incubating

Phoebe yg had left nest

Starling - Cabin John Post Office

Field Sparrow - yg out of nest in field

Parula warbler

Wood Thrush

Redstart

Blk & White warbler

Crow

Bluejay

Flicker

Pin mouse

Moore & Hill
nest school seed store
road - floor paint

5/14

Sterna anaetheta north of windward summit.

5/15

5:30 Oceanites over water.

Lat. 26° 50' N. Long. 74° 12'

5/17

1 *Astrutata* white underneath 11:15 a.m.

gray back dark crown whitish neck.

position at noon 35° 40' N. Lat.

74° W. Long. about 65 or 70 miles

off shore at a point 30 mi. N. of Natteras

5/18

Off Jersey coast.

8:00 off point Barnegat 20-25 miles out

5 Larks

9:30 Black. Throated Blue Warbler

Groove billed Ani

Troglodytes.

Volatuna jassirini

Darwin. ~~But~~ Pacific end of lake.

1 Brown Pelican immature - of large size -

Cormorants.

The Wanderings of some of our Shorebirds.
Our Migrant Shorebirds in S.A.

"Kinco" Magic Pad.
British Metal (Kingston) Ltd
Kingston-on-Thames.

5/13

Sterna anaetheta - 5:30 P.M. -
Many. Course about north.

5/9/21

6632. Oceanodroma 10 miles off
La Plata Id. Ecuador ^{♀ im}

5/10
4:30 / 6° 23' Lat. N. ✓

80° 12' long W. ✓
2 Barn Swallows about slips.

5/11

Balboa Swallow released.

Calif Brown Pelican several

Laughing Gull -

^{above} ~~Balboa~~ Progne gray breast 2

Megascops

~~Louisiana~~ 2.

6633. Empidonax ^{♀ ad}
off Cape Mala, Panama. found about
day boat.

Culebra Cut.

Great Blue Heron yg.

Length - large as Redtail. brown
above. underpart buffy white.
throat & upper breast abundantly
fuscous. thigh reddish brown.
under side of tail buff! upper side dark

5/7
Lat $8^{\circ} 58' S$
Long $79^{\circ} 28' W$

6628. Oceanodroma, ♂
9:00 P.M. 10 mi. west Lobos de Ajura Id.,
Peru, 5/7/21.

~~Charles Donville - Birds of the
States of South America.
G. Bell & Sons Ltd, London, 1920.
(n.g.)~~

H. Hesketh Prichard - Through the
Heart of Patagonia.

One large edition - a second cheap
edition by Thomas Nelson & Sons,
London, Edinburgh, Dublin & New York,

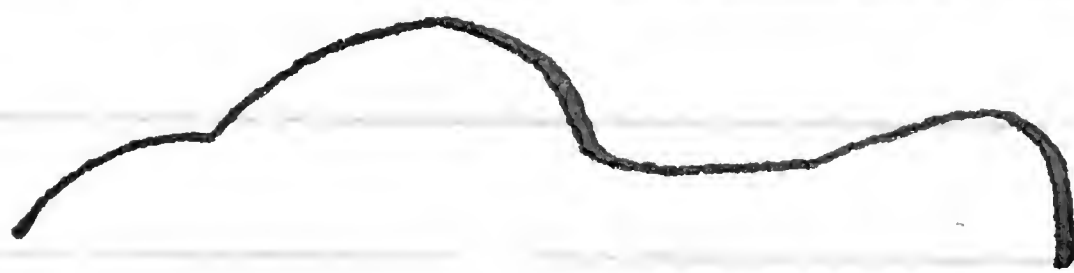
5/8/21
Lat $4^{\circ} 22' S$
Long $81^{\circ} 29' W$

6629 Oceanodroma 10 mi off Lobos Ajura Peru 5/7/21 ♂
6630 " " " " ♂
6631 " " " " alc.

Tern - looks like Forsters. Several
 hundred gathered in flocks resting in
 water.
 Thousands of White-breasted Cormorants
 Several hundred Inca Terns.



San Gallan?



6627 - Fulmarus
 May 5, 1921, 8 mi. W. Ballista
 Isla, Peru.

(South of Anshpudunera Bay)
 Vegao —
 Lago San Juanico
 Antofagasta



Booby White underparts & head face
bluish gray, wings black, back
black, variegated with white.

Cincocks - size of Wood Thrush
Band of brown in wing during flight.
General color dark above, a whitish
superciliary & pure white throat.
Chasing rocks in beach.

Mollusks 5/4

Gull sooty black head back wings
white ring around neck white underparts,
white tail with broad black band
across end. Size of ring-bill. Bill
tip red followed by black, base
yellow.

Penguin

Cormorant white breast

Gull - ~~Stands~~ gray white stripe on neck.

Alca sea

Pelican

Pacific gull

5/5

Lat. 15° 01' 5"

Long 75° 40' W

on the water outside the
breakers or gathered in little
groups on points of rock to
rest in the sun. I hear a
high pitched gull call.

Diaptychus common at
edge of town. Some have a
smoky grey fore crown. The bill
appears strong and heavy.
Larus dominicanus a few.

Bird size & general appearance
of dominicanus but with end of
tail and hood across back
of head (perhaps more extensive
black, wings & back black
or sooty underparts white. Fly
over breakers.

Buzzard common.

Black Oystercatcher. light colored
feet and red bill feeding on
little sandy beach inside point of
rock. Proper Pacific gull (away)
note a loud carrying call
fed by following down after reaching
beach & thrusting bill into wet
sand clear to head.

upper surface becoming sooty blackish
on fore crown. Bird seen about
alertly on ground stopping suddenly
with first of wings & drawing
body erect. Habit somewhat of
Alpebricks. Typical Scaup-like
in action.

Liquique, Chile ^{5/3/21}
Cormorant, white ^{patch on breast} ^{grayish on throat} ^{gray shoulders}
& scapulars, black flight feathers, face
& gular patch dull red. Common
in harbor where birds dive and
swim about among passing
boats, watching alertly to avoid
danger but showing little fear. On
resting on the water often hold
tail at angle of 25° or 30°.
Others judging outside surf on
rocky points.

Galbanus pacificus common. Several
hundred along sandy beach when
the birds followed the receding
waves soon to find in the water
running back like great sandpipers
as the water came rushing in
again. Others resting in flocks

Antofagasta 5/2/21

Pelecanus magnus fairly common.
habits of diving sea pigeons

Phalacrocorax (gabhardi?) black
Cormorant of large size with breast
& abdomen pure white, apparently
a small white flank tuft. Common,
flying low over calm surface of
springs in small flocks. Many dead
on beach

Larus isomelas - Black-backed
gull common.

Gabrius pacifus sooty gray gull
of medium size with ashy
face.

A gull size of brachyrhynchus
entirely sooty gray, light tips in
secondaries. Egg & g. gabrius?

Booby white body black wings

Booby (S. variegatus?) grayish
with dark wing.

Cathartes aura common.

Falconiformis - Grayish white
underneath, darker gray above, wings
blackish

A slightly larger bird perhaps
adult male of above darker in

Estudios sobre la Flora de las
Islas de Juan Fernandez.
por F. Johow,
Santiago, Chile 1896.

Eustephanus fernandensis, King.
Mas a tierra, Juan Fernandez -
From main part.

Reptiles from Valparaiso, Feb. 1921

Valpo

4/30

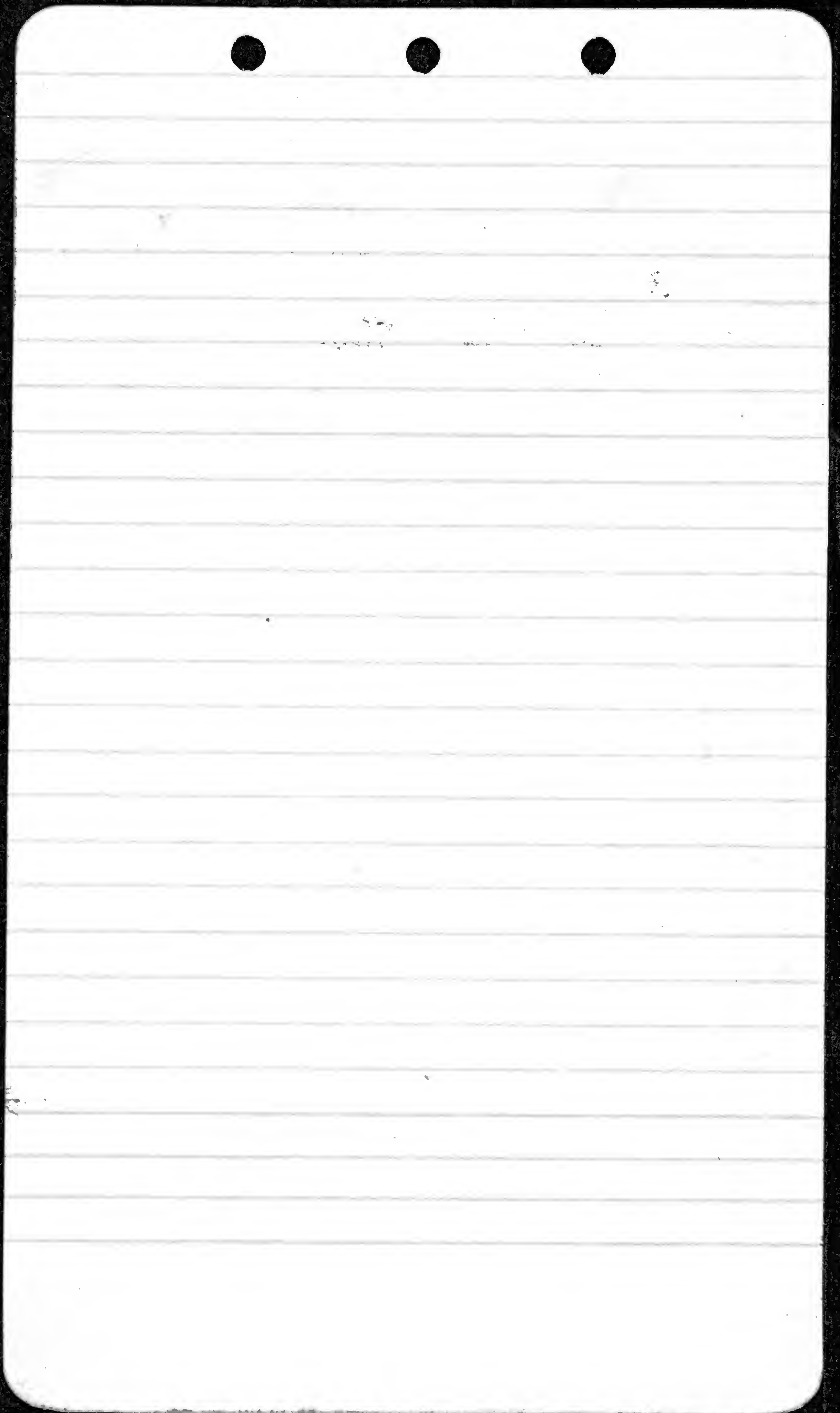
Larus dominicanus

Small gull, size of *brachyhyachus*
gray with dark bill.

Large "gull" heavy head, size of
dominicanus, gray in color with
white patch on outer secondaries
or inner primaries. Skua?

Position at noon ^{Lat.} 28° - 06 S W. 71° 35 W

~~Black Petrel~~ Sooty Black Petrel of
Chunky found off ship all day
4:30 Cinclodes about ship.
At time 15 miles off shore.



All America Cable
Pluribus Valpo 4/29/21
Washington

Sail thirtieth Grace
line Santa Elisa. Funds sufficient
return including salary to
May twenty Wetmore.

Valpo

- x New York Draft - \$375
- x Cap
- x Show trings
- x necktie
- x Ship box is
- x Mel de Palma Cocolan
- x Consulate
- comb
- x Grace & Co. literature - ^{passport.} baggage
- x battery
- x Kodak pictures
- x Laundry } at hotel.
- x sirt }
- dinner at Ruds.
- shoes.

Concord 4/28/30

Flicker 7:45
42.3 8:00
Troglodytes 42 9:00
Vireositta 43.2 9:15 9:30
Phrygilus in. 41.9 ad. 42.1 43.4
Agelaius 10:00
42.0

16616 ♂ ad.

15 ♂ ad.

14 ♀ ad.

17 ♀

18 ♂

19 ♂ ad.

20 ♀ im.

21 ♂

23 ♀

Cowbird 4/27
 " Phoebe" 4/27 7:30
 nests with crest
 raised in early morning sun
 calling tick tick, a metallic note
 given in a subdued tone.

Troglodytes 4/28 8:30
 42.3
 8:45
 Alouatta 40
 9:00
 Aestheria 42
 9:15
 Sphyrapicus 41.9 two-ree two-ree

A Marsh wren like scold. 9:30
 Sylvania striata 41.4 a
 loud clear trilled song like winter
 wren.

Curruca whee whee
 chuck a tah 10:45 chuck a tah
 11:00
 Motacilla 41.1 40.8
 Anas 41.1

Troglodytes 4/29 11:30	6607	♂ im.
6599 ♀	09	♂
95 ♀	06	♀
94 ♀	10	♂ ad.
96 ♀	03	♀
97 ♂ ad	11	♂ im.
98 ♂	05	♀
6600 ♀		
02		♂ im.

	Conew	4/26	8:15	
		7:30		
Phoebe	42.8		42.2	
		8:00		
Anaetha	42.7			
			8:15	8:30
Synallaxis	shrew	Throat	42.5	42.0
			8:45	
Dactylopius	42.4			
		9:00		
Zenaidura	42.7			
		9:30		
Curaeus	42.4	42.4		clucking notes
"		10:30		
Asthenes	42.00			
			11:00	
Small Olive backed			42.3	
		11:30		
Goldfinch	42.5			

65 ♀
 78 ♀
 93 ♀
 80 ♂
 81 ♂
 83 ♂ im.
 84 ♂
 87 ♀ ad.
 88 ♀
 89 ♀
 91 ♀

Brachyryza 10:30 42.8
 42.8 ♂ 11:30 ♂ 40.8 ♂ 41.4 ♀ 41.8
 ♂ 42.8 ♂ 43.0

- 6571 ♂
- 65 ♀
- 74 ♀
- 75 ♀
- 58 ♀
- 60 ♂
- 62 ♀
- 63 ♂
- 66 ♂
- 67 ♂ ad.
- 68 ♀ ad.
- 70 ♂ ad.
- 72 ♂
- 73 ♀
- 76 ♂

Concord 4/25/21

Centurus ♂ 42.1

Orca ♂ 43.2 ♂ 43.4

Agriornis 42.6 4:00 bad tail 42.4

Geozitta 42.4 42.4 in slightly

undulating flight shows prominent red brown in wings. alights to run rapidly and then stop & rest with tail twitching strongly.

laughing notes given in wing

Hummer 41.2 4:45 ♀ 41.4

Hummer Bud 39.8 a furthering

song suggesting that of same small jerk with a metallic rattle. a high-pitched toe

changed to a stutty rattle as with a flash of sun from the brilliant crown one darts away in pursuit of a trespasser.

After clings at fount with strong fat I do flight frequently pauses with closed wings made a loop in course.

"Phoebe" 42.8 very alert & graceful

Madon 10:15 42.9

Mimus 41.8

Valpo 3/23

N.A. Shorebirds in Museum Valpo.

Charadrius dominicus

Steganopus tricolor

Iringa maculata

Totanus flavipes

Calidris Jarchamir

R. O. Cunningham - Notes on the
Nat. History of the Strait of Magellan
Edinburgh 1891

John Ball. Notes of a Naturalist in S.A.

Victor Navarro

Hotel Con Con

Jel. Mac.

6547

♂

42 ♂

44 ♀

8

♀

46 ♂ im.

9

♀

51

♀

53

♂

50

♂

54 ♀ im.

55 ♀ im.

1-2.87

255

35.2

$$\begin{array}{r}
 284 \overline{) 100.000} \\
 \underline{852} \\
 1480 \\
 \underline{1420} \\
 600 \\
 \underline{568}
 \end{array}$$

~~70~~ 13-

$$\begin{array}{r}
 255 \overline{) 35.20} \\
 \underline{255} \\
 970 \\
 \underline{965} \\
 5
 \end{array}$$

J. W. Hardy - Esmeraldas 63 - Sat. Evening Post.
 South Pacific Mail
 April 14, 1921 - Calle O'Higgins 68-70

Museo de Valpo
 Errázuriz 70, Playa Ancha
 2-25 P. M.

Photographer
 4 meters quater
 1 box # 18.

Comand. Coelocromo frente Correo,
vise on passport certify to acct
permit to shoot
Museum.

Money changer
Grace line mismo
Am Exp. Co.

C. Gay - Historia física y política
de Chile I - Zoología - Tomo primero
Paris 1848,
Birds of Chile

recumbent plants that grow in meads.
Zone 4

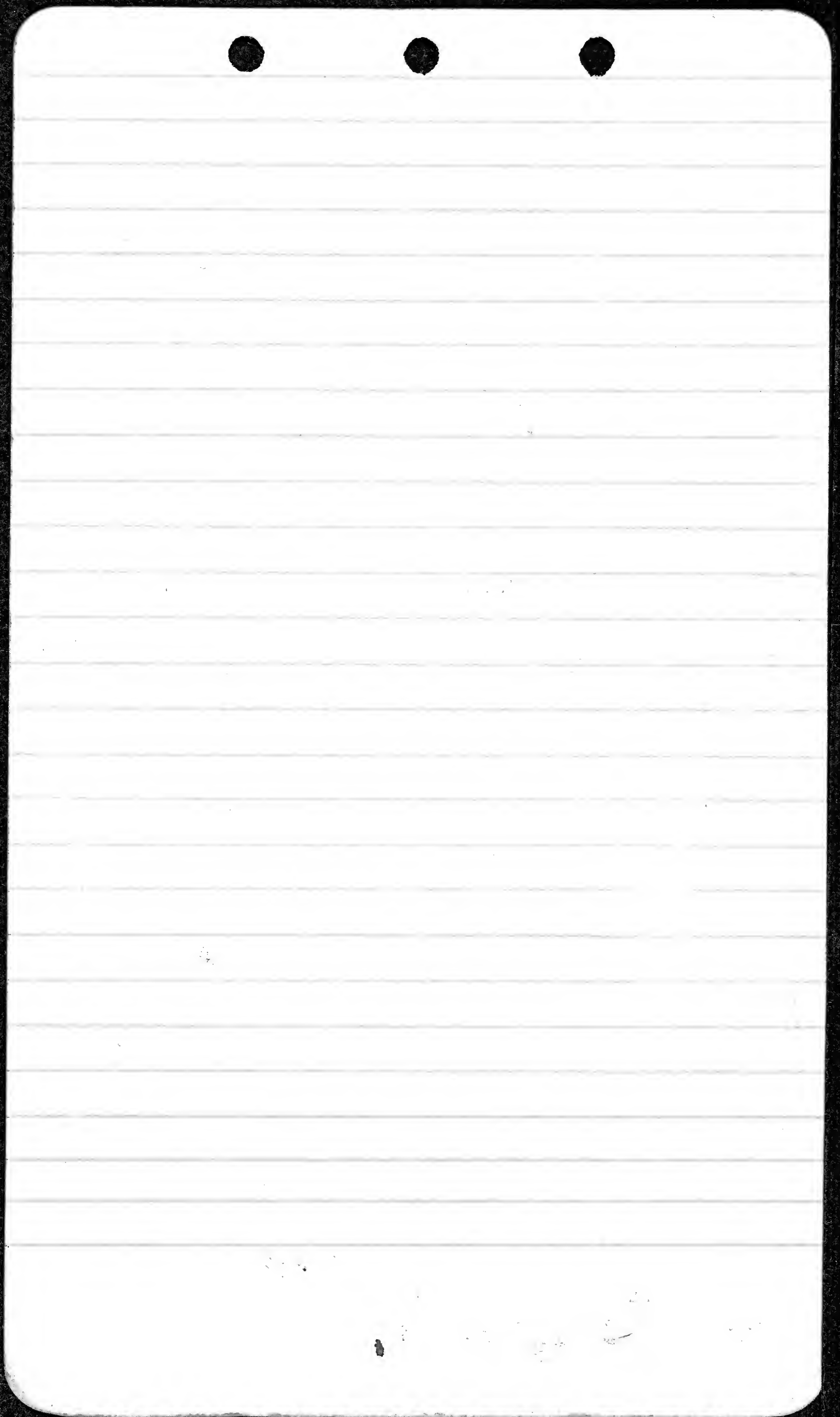
Slopes above this point are
barren save for scanty grass.
These slopes might constitute a
Zone 5 ranging from 10300 to
20600 - 500 ft.

Above this point in the snow
of the higher Turgutians is found
the sixth & final zone.

At Las Cuevas the valley floor
and the slopes for 100 ft or so above
may be called Zone 4. Zone 5
occupies slopes of ridges above.
Zone 6 would then back to
snow areas in Cacmeagua &
Tupungati.

Occasional alluvial fans in zone 3
facing N.N.E. to N.E. show
typical vegetation of zone 2 but in
small tracts only.

The typical scrubby vegetation
of zone 3 however comes in
above Las Cuevas according to
above remarks relative to zone
4 + 5 at that point.



Film 63

1-2 Uspallata

4/21/21

3-6 Puente del Inca zone 2

7-9

zone 3

10. Las Cuevas

zone 4

11-12 Concos

April 25


Film 64

1-2 Concos

3-4 Antofagasta

5-6 de Quinqueros

7-8 Molinos

9 Point below Independencia Bay 5/25 

1 valije
 1 baul } de ropa usado
 2 volgas }
 4 cajones de pajaros y animales preservados
 1 paquete flechas y arcos
 1 baul que tiene libros, papeles y una
 carpeta

4/21

Uspallata Sparrowhawk

Rio Blanco Sporophila analis

Zanjon amarillo - alt. below

this point crossh begins to pinch out
 and zone 2 comes in. appearance
 of vegetation is that of higher level
 at Rapala. Vegetation scant more
 or less restricted to valley floor &
 gradual slopes. Area above to
 be worked finally only by a geologist.

At about 19200 ^{above Rio Uspallata} ft dark green
 shrub disappears leaving only a
 small depauperate thicket and bunch
 grass. Zone 3,

beginning at 24000 meters +

Zone 3 continues to about 9800 feet.

At that point shrubby vegetation disappears
 giving way to tuft grass, and two

Sw Tucuman are united
flights coming north along
edge of Andes & those from the
Pampas in south.

Great April flight during
tempests in south indication
of numbers of birds that
come up from south of the
Rio Colorado & Rio Negro as
weather below that line has
become severe enough to drive
them out but is still mild
in the ^{mountain} Pampas.

Wintering grounds are
widely scattered over broad
areas but birds apparently
have gathered in migration & there
are considerable.

4/19/20

Spizziaptys, Quilins on
country ~~was dry~~ ~~and~~ ~~was~~
~~covering~~ level with ^{low} dry
scrubby monte with much
cactus from Paredo on.
In one area red epiphyte
abundant.

Pigeon purchased from D'Inelli @ 2.30
= \$1.78 U.S. at 2.95

Mendya
baggage, aduana
baggage at hotel
hall tax & mails
Rued

Taji Viejo 4/17/21

Vermilionis note like Rose-breasted
Grooveback pick. also a rattling clatter
Rhopachulus chut tuck chut tuck

given rapidly.
Basalantus, white outer tail feathers
murmur in flight

Alleptes up

6525 ♀

24 sex?

23 ♂ im.

33 ♀

14 ♂ ~~ad.~~

30 ♀

26 ♀ ad.

28 ♂ im.

17 ♀

35 ♀

40 ♀ ad.

15 ♂ im.

19 ♂

20 ♀

21 ♀

32 ♂ ad skull completely cannulated

37 ♀

39 ♀

38 ♂

Taji Viejo 608 meters
2000ft.

Harrison - Monte Coman -
assistant Adams.

Carahue - river runs down to
sea, with Pargo lake below town -
about two miles. Good point for shorelands

Connection to Arancas R. is
parallel coast

Codigo de la Rep. Argentina -
Martin Garcia, Rivera Larrea STJ

Write Dispatch agent
in packages through Embassy.

Hotel Grand Mendoza
Mendoza
Batterey.

9

350
200

201

B.A.

See Valette

" Drelli
pack books.

Chilean money
Arg. "

~~Mapa (new)~~

Arsema

Uremomachus

~~Uremomachus~~

~~Uremomachus~~

3 rolls film
shaving stick

~~Uremomachus~~

Ant. Prod. Co.

Queen Taro

*
*
*

Retienne

Sammito

Cervitacampes y libelul

Chilean Consulate
Pucunquinta 46^{is}

Petre

✓ Common names birds
Zans higher than in 1948
G.O. W. Jufur

600 ✓ limits of Chaco, Pampa etc
H. O. J. to C.
Notes for J. L. P.

Bullock 2-3

Valette

Bank

Heenan 8:30:745

Passport 10-12

Tickets 9:30

Just below Dairians another small
Dering dam area

Chile

~~Baja de General~~ - Puerto Saavedra
blond Jemeco. govt joint for
Shoulsby.

Rafael Barros

Rio Blanco, hos Andes Chile

Map. - S.A.

Commercial Club New Orleans

Expreso Internacional, Guemes.

Desert mt.

plants.

Moran

Gartus;

Ezeiza - 2 / 2 / 21
Bart. Sandp.

2 Fork-tailed Flyc. ^{seen by sick pt / old}

Pedernales 2 Totanus ^{low}

De la Rieita y Redraons, ^{rolling}

undulations, indicating old dune
area

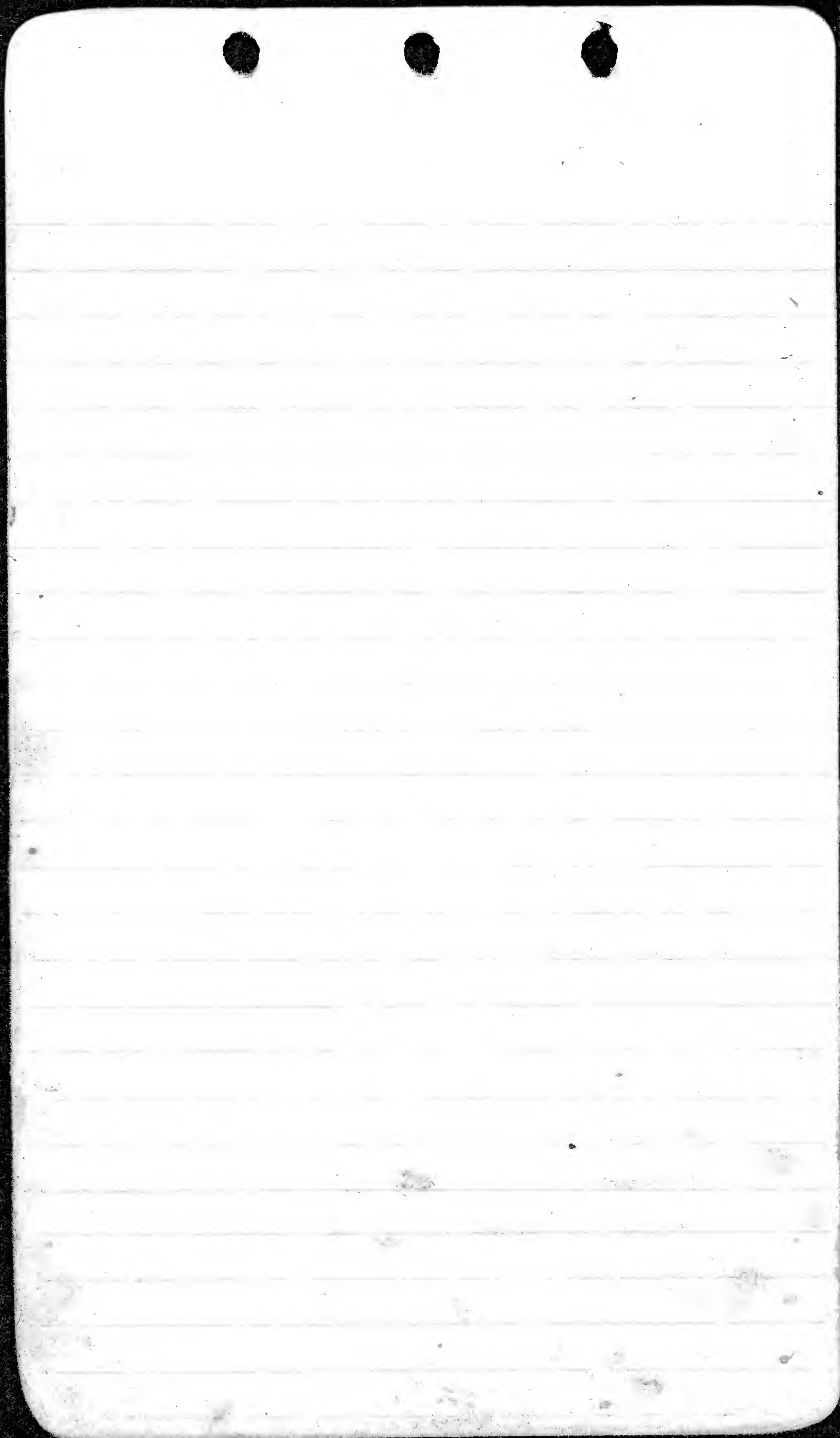
25 de Mayo - dslas. Greater & lesser yellowlegs

Common. 1 Solitary Sandpiper.

Nale de Bolivar Greater & lesser yellowlegs

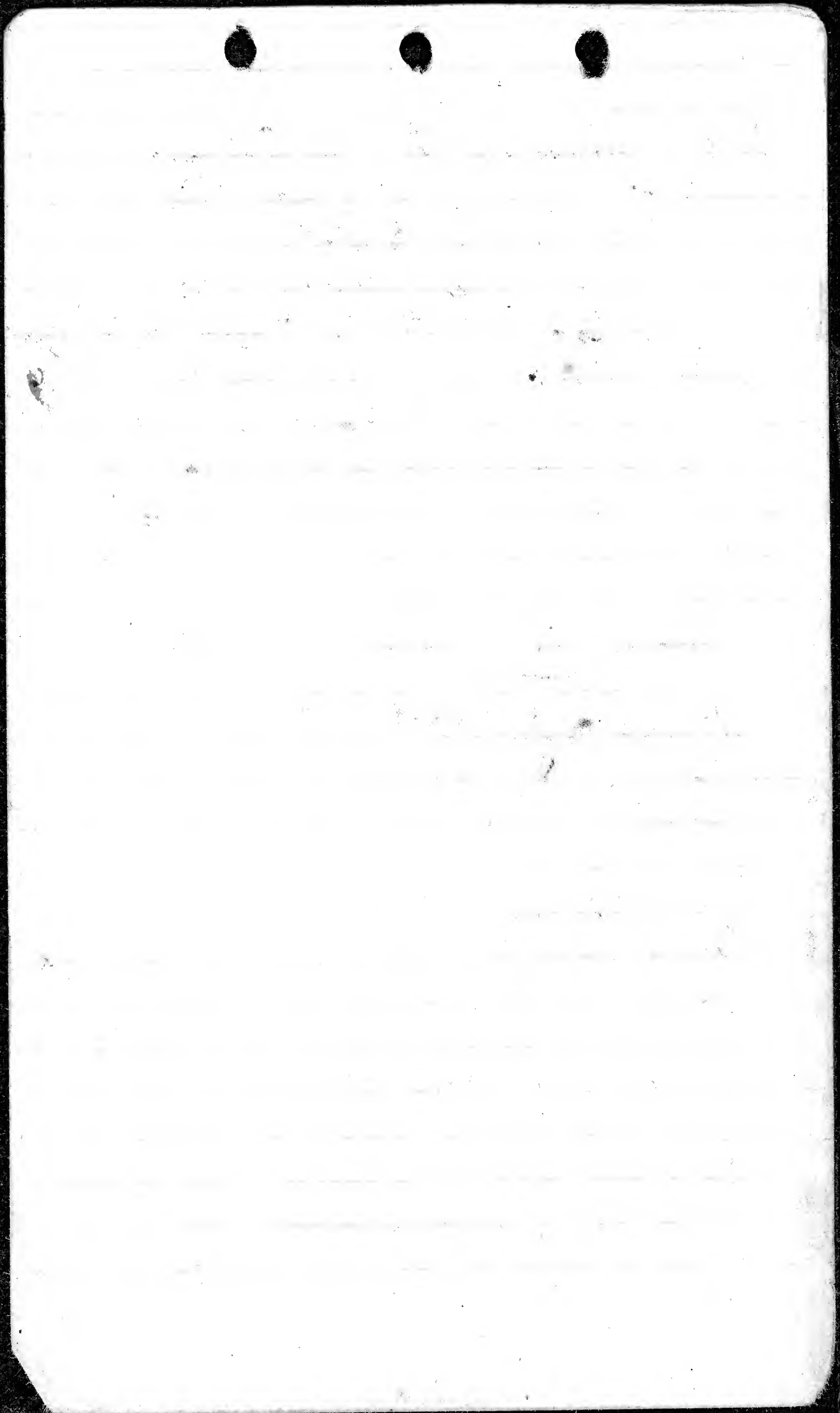
Common about 100 each

1 Solitary. Nale small place would do for
base.



~~Chamaea~~ s,
 Eubry. - bilob. Trach. *s
~~Cyanobryum~~ s
~~Phytolacca rubra~~ s
~~Pellaea dumetorum~~ s
~~Cyrtocarpus~~ s
~~Prothlas bracteatus~~ a s
 Amblychamnium holosericeum s
~~Leptocarpus~~ a
~~Polypodium~~ s
~~Muscivora~~ s
~~Fissidens~~ s
~~Leucobryum~~ s
~~Atrium~~ s
 Euxemura s
 Fabium s
~~Artemisia~~ s
~~Fuchsia~~ s
 Limosa haemastria s
 Belonopterus s
~~Colymbola~~ s
~~Zonitella auriculata~~ s
~~Melospiza~~ s
~~Junco~~ c. ~~caerulescens~~ s.
 Kingfisher
 Maculorhinus a s.
 Cyanotis rubrigaster a s.
~~Brachypteryx~~ s

Sicalis pelagica s
~~Troglodytes~~ s
~~Phainopepla~~ s
~~Ardea herodias~~ s
~~Phalacrocorax~~ s
 Phalacrocorax a s



Port Madden. Hotel Britania.
Ireland Martins *

- A. B. Sheobald.

Mr. Jones, Mgs. C.M.C.

Mr. Roberts, Brown & Brancher
From Ireland by anti. to Colons San Martin.
.. .. to Escal. to 16 de Octubre

From San Martin to Rio Pico to
Commercial House of Kutz Manitzg.

Nandu-ríe - a small serpent.

Favorable points

✓ Pico Campa

Victoria "

Las Flores

General Belgrano

Racho Saladillo

General Alvear

Film 55

1-2 lower Sonora Becaderos San Luis 3/12/21
 3-4 " " Desaguadero " "
 ✓ 6-7. K-32 Mendocino 3/15/21
 8-12 Potrerillos, Mendocino 3/15

Film 56

✓ 1-9 Potrerillos St Patrick's day 1/21
 10-12 " " 3/18/21

Film 57

1-4 Junyán 3/22
 ✓ 5 " 3/24
 ✓ 6-7 " 3/25
 8-11 " 3/27
 12 " 3/28

Film 58

✓ Junyán 3/28

Film 59

✓ 1-3 Museum Mendocino
 4-11 Japra 4/9
 12 " 4/10

Film 60

✓ 1 Japra 4/10
 2-12 Japra 4/14

Film 61

✓ 1-11 Japra 4/14

Film 62

✓ 12 Jaji Viejo 4/17

Film 46

1 - Scaraband, street, wood industry, Victoria

Film 47

✓ 1-3 Museo Nacional Montevideo 1/11/21

✓ 4-10 Jardín zoológico " 1/15/21

11-12 La Paloma 1/23/21

Film 48

✓ 1-4, gully, Dove birds nest Caraguata, La Paloma 1/23/21

5-12, palmas, return San Vicente 1/27/21

Film 49

1-5 Cerro Navarro, San Vicente 1/28/21

6. Laguna Castillos 1/31

7-8 Paso pulmaras 1/2

Film 50

✓ 1-6 Rio Cebohati 2/6

7-12 " " "

Film 51

✓ 1-2 Dove bird Laguna 2/9

3-4 Bañado

Film 52

✓ 1-12 Rio Negro, Rio Uruguay, Museo La Plata

Film 53

✓ 1 Museo La Plata, Guanini, Fox tail - 3/31

Film 54

✓ Guanini 2/3 & 4

Film 5

lens board at front of py in center of back 33 1/2 in
indicated at front of gage 36

Acrocomia totai palm
from Paraguay. Prickly palm
30 ft. fls small sweet,
wholesome.

Root from (Chilanthis etc) for
J. P. Young.

Promises.

~~Bombana from Paraguay for Claus.~~

~~Santos Martelli, had Palmad Chaco, photo of train.~~

Herman Johnson, International Harvester Co
Buenos Aires (G. Fry)

Diccionario Geographica del
Uruguay.

Orestes Araújo, Montevideo
1900.

Diccionario Geographico de la
Republica de Chile

Francisco Solano Asta-Buruaga y
Cienfuegos. — Santiago de Chile. 1899.

Vocabulario Propiamente Razonado
D. Daniel Granada. Montevideo
1890

Specimens

- * Oct. 16, 12 boxes, Express Villalunga, forwarded S.S. Callao, Nov. 15.
- * Nov. 17, 5 boxes, American Express Co, forwarded S.S. Martha Washington Dec. 15.
- * Jan. 5, 6 boxes American Express Co via Huron.
- Feb. 12, 3 boxes American Express Co. Montevideo, forwarded S.S. Bonheur Feb. 14.
- Mar. 9, 3 boxes Am. Ex. Co. Buenos Aires.

Storage

Hotel Paris

- 1 field chest
- 1 tent
- 1 canvas bag
- 1 bundle arrows

Hotel ~~Grand~~ Royal

- 1 trunk
- 3 boxes
- 1 bundle arrows
- 1 canvas bag

Museo Nacional

~~Key Plants~~

~~Hotel ~~Grand~~~~

285

5362
 5143
219
 66
153

44
 9
 39.6
 79
 32
111

2720
 3
8160
 816
8976

29 alc.
 37 sk.
66

2137
 1122
3115
 3
9345
 934
10279

813 1068

5363
 4322
1041

Hotel 71.40
 bag 1.50

Supplies 43
 20 R.N. 15
 Mart. 20
 Jan 31
 Hotel 35
 4. 15
159

5134
 4322
812

77
 2.2727
539 2.7
 154
 539
8979

Prof. N. Rojas Acosta, Presidentes, Chaca
 Historia Natural de Corrientes y del Chaco
 1915-1916, pub. 1917 5.00
 Editor Estanislao Hefner, Presidente
 Chaco.

Casa de rent - clothing Montevideo.

Harness & Saddling Store - leather goods

Bank. Mtr 349

Mackinnon Book Store

349 Pucungueta.

B. V. W. S.

Rivadavia 2027

B. a. - Valpo

201.35

Valpo - N. Y.

1168.00

1369.35

B. a. N. Y.

1154.00

137

2.2727

959

Alexander Wetmore

274

West India Oil Co

959

Sarandi 444

274

274

Am. Express Co

3.113599

Zabala 1473, Montevideo.

Artemia

Sa

San Vicente de Castillos.

Cama 6.70
 bolite 47.95
 54.65

Monson line to New York 1154.00
 Buy in Montevideo

Antic	30	7.20		
x shoes		1.00		43
Thun		4.00		9
W		3.55	1.00	5 387
Sh		2.00	4.00	77
Sh		1.00	1.00	32
Sh		30	6.00	105.0
Sh		7.05		
Pezanide tubes				44
Re				9
recap for 16 ga.				5 396
3 in				79
1 by shells #8				32
Sh Krali brass				11
Sat.				

total at 5/00
 Lindberg
 Cons
 Export Co. 11.00

dtorjungs 1489
 33 1476
 Shells. 7/21/21
 #12 - 3
 #6 - 2
 misc. 1

Los Bosques Patagónicos
Max. Rothkugel.
Ministerio de Agricultura
Oficina de Bosques y yerbales.
1916

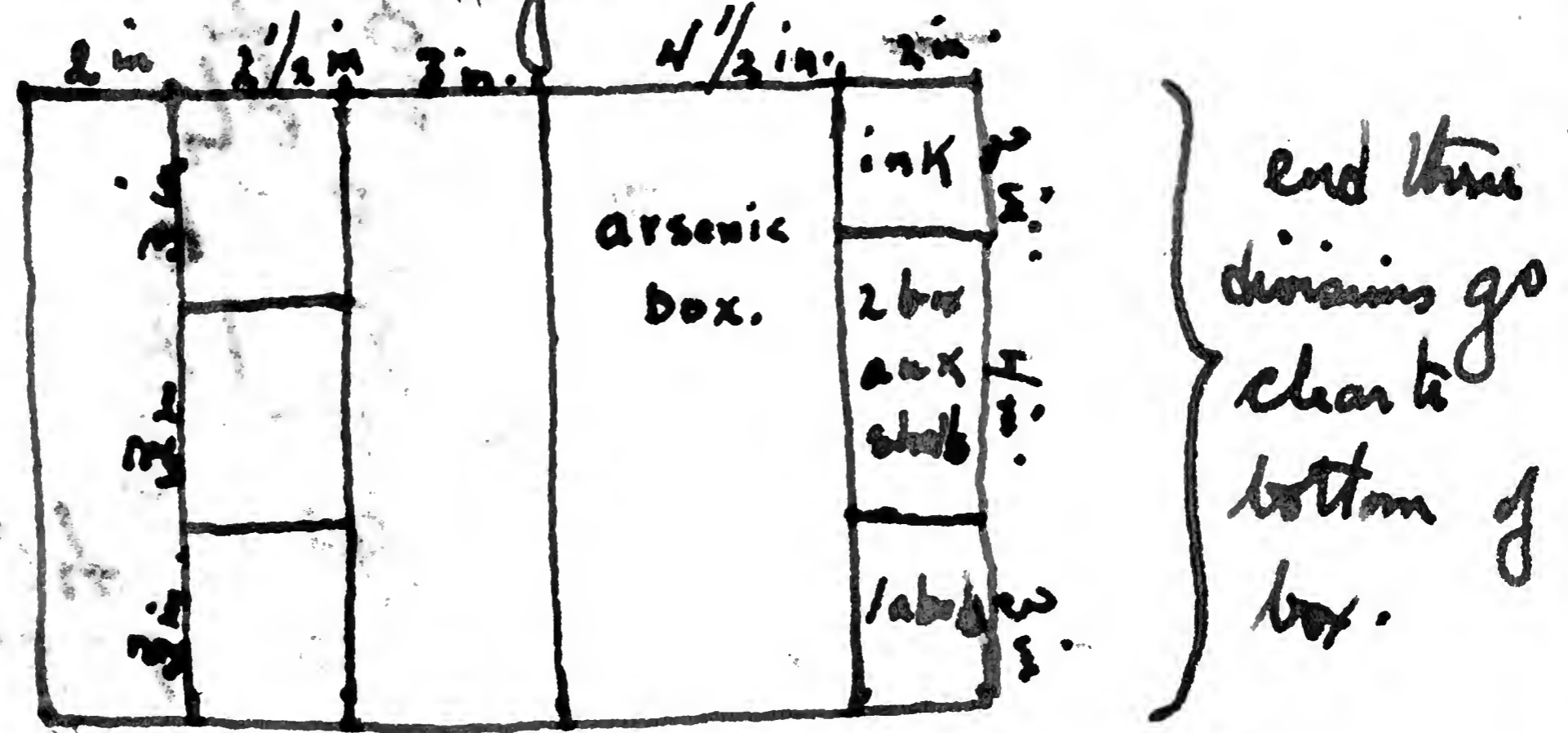
Robert Bethel
General Roca.
Barloche
~~Johannes Kuhn~~

General Roca, Hotel Doñana.
Barloche " San Carlos.
From Barloche go into Laguna Fray
if possible for Vaccination
At Gen. Roca see Fryer, a good man

Quarini
Stop at Carre Coche Hotel.
see mayordomo estancia Coche Co -
when there is a lagoon.
Huangalen, one hotel.
- see David Mailland & small lagoon
- in his camp (Santa Maria).
- see John Buchanan near above lagoon
Ph

J. W. Peter, hand field chest
 a filter telescope 17 1/2 in x 11 1/2 inches
 box 5 inches deep.
 had 3 trays 2 in. 1 1/2 in x 1 inches

Tool tin box made by Brock Bros.
 outside dimensions 14 in. x 9 1/2 x 3 1/2
 with hinged top getting down over
 edge for 1/2 inch -
 inside diagram



end 3 divisions go clear to bottom:
 others are contained in tray 1 3/4 inches
 deep leaving space below for cotton & compound.

W. J. G.

Tajia 4/13/60
 Stigmatal 106.4 106.4
 White-breasted Elaenia 106.4
 Elaenia 108.6
 vesbia ♀ 106.6 9:45
 Chalcurus 106.9
 Thamnophilus 109.0

6492 ♂
 93 ♀
 84 ♂
 6511 ♂
 6483 ♂
 82 ♂ im.
 81 ♂
 90 ♂
 79 ♂
 78 ♀
 96 ♂

♂ 97 ♂ base of mandible Vinaceous jaw
 ♂ 99 (maxilla & tip of mandible black
 tarsus & toes dusky black.)

6501 ♂ 09 ♂ im.
 02 ex?
 03 ♂ 10 ♀ im.
 04 ♂ 12 ♂ yg
 06 ♂ ad.
 07 ♀ im.
 08 ♂

Japic 4/12/21 7:45

White-throated hummer 104.0 chit chit
harsh like vesperia 8:00

Scapanus ♂ 106.4 ♀ 106.3 subband

Chattering call. 10:30

Pyanacorax 107.5 10:30

P. aculeator 106.4

6459 sex?

60

♀

68

♀

ad.

69

♂

70

♂

71

♂

75

♂

76

♂

base of mandible deep Corinthian
Red. rest of bill - feet black.

80

♀

85

♀

88

♀

86

♀

91

sex?

Dajia 4/11/21

Synallaxis 7:30 107.0

Amyntia lucina note chu chueys

land. 8:15

Agallatula 108.6

Ducopys? 8:45 107.2 9:15

Black Vulture ♀ 103.4

hoopoe finch 9:30 108.4

White-breasted Elaenia ad 107.6 yg 108.0 9:45

Stigmatopora 9:45 107.4

Picilaptes 10:15 107.6 10:30

Coryphistina 108.2 108.0 11:15

Red-tailed Flycatcher 107.6

Cyanocoryza 11:30 107.8

- 6449 ♀
- 51 ♂ ad.
- 2 ♀ im.
- 4 ♂ ad.
- 6 ♀ im.
- 7 ♂ ad.
- 64 ♂ ad.
- 65 ? sex
- 66 ♀ im.
- 72 ♂
- 62 ♀ im.
- 63 ♂ ad.

- 45 ♀ ad
- 61 ♀
- 53 ♀

4/10/21

Sialis pelzelni ♂ 8:00 108.0
Stigmatura 8:30 106.4
House 95.2
Accipiter 9:00 106.2
Amphispiza ? ♂ 9:15 109.2

6449 ♀ ad lay.

32 ♀

34 ♂ im.

33 ♂ ad.

26 ♀

41 ♂

42 ♀ im.

43 ♂ ad.

44 ♂ ad breeding.

46 ♀.

Japira 14/9/21 7:45
 Verreauxia chinensis 106.2
 herbivore ♂ 103.2 ♀ 104.6 Juk's longtail spvd
 Asthenes 107.6 9:00
 Trichopicus caet. 107.8
 Stigmatopora 107.4 chattering scolding notes

9:00
 Comptosia f 108.0
 Polioptila ♂ 106.6 birds singing
 & pursuing females. make fighting
 evidently pairing
 Piranga Java 109.0 9:15 note touch
 Chu Chu bird punches with
 wagging tail.

9:30
 Peolops 108.7
 9:45
 Slaty gray Flycatcher ♂ 107.6 ♀ 107.2
 10:30
 Bucco 106.0

10:30
 Myzomela luscinioides 108.5

10:30
 Tanager bonariensis 108.6

10:45
 Falco 108.3

11:15
 Crow-billed Elaenia 107.2

64/6 ♀ 25 ♂ in test. 31 ♂

7 ♀

27 ♂

8 ♂

29 ♀ in

9 ♂

30 ♂

20 ♀ ad

35 ♀

21 ♀ in

38 ♂ ad

22 ♂ in

39 ♀ ad.

24 ♂

39 ♂ ad

4/8/21
9:45

Dipteris 106.3 Bird fly up from ground to perch crest erect, vibrating tail in low-droning

Sialia 108.4 8:45

Slender billed gnat, bloody back 105.6

Leucis 103.0 9:40 chit. it chit it. 10:30

Buceo 103.6 9:00 9:15 104.2

Asturus 108.6

Myiarchus 107.6 9:30 low mournful call whistle like lawrencei or antillarum

Coccyzus erythrophthalmus 106.2 9:15

Rufous 106.2 10:30

Dactylops 107.0 10:30

Small hummer 102.6

6394 ♀ ad.

5 ♂ ad.

6 ♀

7 ♀

99 ♂ im.

01 ♀ ad.

04 ♀

05 ♀ im.

07 ♀ im.

09 ♂ ad.

10 ♂

11 ♀ im.

12 ♀

13 ♀ im.

14 ♂

15 ♀

03 ♂

98 ♀ ad.

Tapia 4/7

Upuntana. luscina

8:45

Coryphospingus 105.7 y

106.2

9:00
105.2

Coccyzus 105.2

9:15

Saltator

9:30
110.0

Elanma

9:45
109.8

Jajiva, 4/6/21

Coryphospiza 109.2. Che-ce-ee-ee
high pitched insistent, metallic rattle.
Birds active about stick nests

White-breasted Albatross 108.2

Embunagra 108.6

Bucco 106.2

aguilucho

- 6371. ♂
- 2 ♂
- 4 ♀ im
- 5 ?
- 6 ?
- 7 ♀ im
- 80 ♀ ad
- 78 ♀ im
- 81 ♂
- 2 ♂
- 4 ♂ im
- 5 ♂ im
- 6 ♀ im
- 7 ♂ ad
- 8 ♀ im
- 9 ♀ im
- 90 ♀ im
- 1 ♀ ad
- 2 ♀ ad
- 3 ♂ ad

0

9:45 - 11:30

4/5

Upland Plover ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~

Solitary Sandpiper ~~||||~~

Greater Yellowlegs flock ~~||||~~ ~~||||~~ ~~||||~~

Lesser Yellowlegs flock ~~||||~~ ~~||||~~ ~~||||~~

Golden Plover 1

Fulvous Duck
Grebe

Miller's localities in Tucumán
 Villa Nougués - summer resort, 4600 ft,
 small town. many forest.
 Acherál - birds common in forest at
 foot of ridge. Many blowflies
 From Acherál to Tafi del Valle
 by mule train 15 1/2 hour journey
 alt. 7000 ft. no forest but birds
 abundant marshes with many
 water birds. Paramo above.

3/31/21

Rio Cuarto - rain section.

Monte Acuña - *Phylloscopus*, *Tamias*
~~unseen~~

Monte Ralo *Progne subis* - 3

Rio 4^a to Juanan. Chaco - no
~~lower~~ larvae

Monte de Caballo. ~~3~~ ~~25K0~~
 K-1203 also seen at Rio
 Negro, Uruguay.

K-1209

Pooecetes melanoleuca,
Streptoceryx torquata
 near yellow legs

Molossid bat 96.8 9:45 P.
 anal.

Reed.
Shins
Coolidge Rural
How to obtain permission to shoot in Circle

Mendoza.
- Storage in chest
photos
- haircut
Reed.
letters of introduction in trunk

Peters
1 box #8 T
cotton 6 rolls
kaps.

Edwin A. Reed. Call Blanco 954

Send Reed some skins.
Send Reed birds of Porto Rico.

Retation of Querden's report on
African Antich for J. Maimo Sarrasin
Medanos 1376
Montevideo

Commercial Map of South America
published by the Libby National Bank
Woodworth Building, N.Y.

Geo. W. Davies, Secy Wisconsin
Stock Bandera Association, Madison, Wis.
Dabbene wishes to become
Member Biological Society.

Dr. Carlos Samuel Reed, Bandera
714, Santiago de Chile.

J. Burton Cleland, Prof. in
University of Adelaide, Adelaide
S.A. work on size of blood corpuscles
in birds. (also in temp.)

Sr. Budin (padre) Rivadavia 150,
Jucuman.

Sr. Emilio Budin Calle Cordoba 144
Jucuman.

Don Miguel Lastarria, La Tendencia, Valpo.

C. D. Reichman American Consul, Valpo.

Dr. Edwigo P. Rind Calle Blanco 979
Valpo, wants Smith-an. reports
after 1910. Look up Hantoung from
Ecuador that he showed me.

J. P. Picini: % Soto y Cia, General Roca, F.C.S.
para Cia Larios Rio Negro Ltda, Estancia Maguendas
Dr. E. Holmberg, San Martin (F.C.C. 91)
Calle Buenos Aires 41, (wishes some
arrowpoints etc. of N. A. Indians).
American Consul, Montevideo, Colon 1566
Morgan, & Wagnay Cement Co, Zaballa y Piedras.
Montevideo

J. Alvarez, Guayaquil 17, Montevideo
Robert W. Jernison, Vice Consul, Colon 1566 Montevideo
Roberto S. Lindberg, % Defensor Agrícola, Montevideo
George B. Schermans, Montevideo
Juan Tremoleras, Piedras 194, Montevideo
Dr. J. A. Buero, Ministro Relaciones Exteriores
Dr. Luis C. Caviglia, % de Industrias -
Brammer, % Jardin Zoologico, Montevideo
wants to be remembered to Brammer in Calif.
Dr. Carlos A. Torres de la Haza, Director
Jardin Zoological Municipal, Montevideo
(wants bull buffalo, send him booklet on Plumbeo)
Arturo W. Otero, Subdirector Museo de Historia
Natural, Montevideo (Ethnologist)
Dr. J. Devicenzi, Director, Museo de
Historia Natural, Montevideo.
Asociacion Rural del Uruguay (Secy
E. Ornell), 864 Uruguay want all famous Bull
from Dept. (jide Jernison), Montevideo
Abdon Moreno, Hazcano, Rocha, Estancia
Firmín Bosa (photos of coach.

Addresses.

Joe Seely, 1517 Plazo Ave, Topeka, Kans.

J. Ulmstead, Box 1100, Douglas, Ariz.

S. Haskell, Apt. 25, The Plymouth

E. G. Holt, 90 Standard Oil Co. Brazil Caixa Postal 1163 Rio Janeiro

Cable Socobraz, Holt, Rio

Dr. Carlos Jubry, Director, Zoological & Botanical Gardens, Trinidad, Alto Paraguay.

Mr. Frank Branson, C/ Compañia Internacional de Productos 221 Calle Palmas, Asuncion, Paraguay

Mr. C. W. Campbell, do.

Alberto Schroder, San Bernardino, Paraguay, (skeltons)

Paricecil Buenos Aires, (Hotel address)

Mr. Carl Hettman, 475 Bart. Mitre, Buenos Aires

L. R. Gonzalez y Cia, Calle Florida 32, (for game laws)

(Zinsmith 1214, B. Mitre)

E. A. Pugh 3027 Newark St, Washington

Lockwood & Co., 654 Rivadavia, B. As.

Mr. Frank Lockwood, (gun for Mr. Harris)

B. S. Harris, Estancia Los Yaguas, Lavalle (Ajo) B. As.

B. S. Donaldson do

Mr. Henry Griffin "

Sr. Jorge W. Pico Ingeniero Agronomo
Asst. Insp. on general agriculture prints & typography
list of books on dry farming.

W. G. Wetmore, 1609 30th Ave, Manhattan, N.Y.

J. B. Martini, jr, 112 Park Ave, Takona Park

Alaska Div. Geol. Survey